

THE M.P. STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED PANCHANAN, 3rd FLOOR, MALVIYA NAGAR, BHOPAL PHONE - 0755-2551652, 2551756, 2761392 FAX 0755-2557305, EMAIL: mpagrohobpl@gmail.com WEBSITE: www.mpagro.org

# ONLINE RCO DOCUMENT

FOR SUPPLY, INSTALLATION & COMMISSIONING OF SEED PROCESSING PLANT (CAPACITY – 1, 2, 4 & 5 TPH) ON TUNRKEY BASIS FROM OEM OF SEED GRADER FOR THE YEAR 2023-24

**DUE ON 12/02/2024** 

RCO DOCUMENT FEES (non-refundable)
Rs. 10000 + 1800 (18%GST) = 11,800
(Eleven thousand eight hundred shall be paid online)



"PANCHANAN" 3rd FLOOR, MALVIYA NAGAR, BHOPAL Phone (0755) - 2551652, 2551756, 2551807, Fax: 0755-2557305

#### LIST OF ANNEXURE FOR RATE CONTRACT OFFER DOCUMENT

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"PANCHANAN" 3rd FLOOR, MALAVIYA NAGAR, BHOPAL Phone (0755)- 2551652, 2551756, 2761392, Fax: 0755-2557305

HO: MKTG/SEED GRADER (RCO)/2024/ Dated: ------

# NOTICE FOR INVITING RATE CONTRACT OFFER FOR SUPPLY AND INSTALLATION OF SEED PROCESSING PLANT

Online Rate Contract offers are invited for the year 2023-24 and onwards for SUPPLY, INSTALLATION & COMMISSIONING OF SEED PROCESSING PLANT (CAPACITY -1, 2, 4 & 5 TPH) ON TUNRKEY BASIS AT VARIOUS PLACES IN MP.

Last date of on line submission of RCO is 12-02-2024 up to 4.00 PM. The detailed RCO and other information can be seen at Corporation's website www.mpagro.org and www.mptender.gov.in. Amendments, if any, will be published only on above websites. No further notification will be made in the newspapers.

MANAGER (MKTG)



"PANCHANAN" 3rd FLOOR, MALAVIYA NAGAR, BHOPAL Phone (0755)- 2551652, 2551756, 2761392, Fax: 0755-2557305

# DISCLAIMER & ABBREVIATIONS, DEFINITIONS AND INTERPRETATION

#### A. DISCLAIMER:

- 1. The information contained in this Rate Contract Offer Document has been prepared solely for the purpose of providing information to the interested parties, and is not in any way binding on MP AGRO.
- 2. By accessing this Rate Contract Offer Document, Prospective Bidder agrees that CORPORATION will not be liable for any direct or indirect loss arising from the use of the information and the material contained in this RATE CONTRACT OFFER DOCUMENT (RCO).
- 3. Prospective Bidder's access to it does not imply a license to reproduce and / or distribute information contained therein and Bidder not allowed to any such act without the prior approval of MP AGRO.
- 4. In case any prospective bidder finds any discrepancy or necessary omission to be carried out in any part of the Rate Contract Offer Document /or he has any doubt to its meaning, he should notify the MP Agro minimum 5 days prior to Rate Contract Offer opening date. MP Agro may clarify and send instruction to all bidders for correction through portal / Website, if necessary. However, it does not entitle the bidder to seek any extension of Rate Contract Offer opening date.
- 5. Information received against any discrepancy (up to due date and time as mentioned above) will be examined and, if any amendments required same will be uploaded as Corrigendum with Rate Contract Offer document. It is the discretion of Managing Director of the Corporation to accept/reject the amendments, if any and if no amendment is accepted, the bidder will have no right to raise objection.
- 6. It shall be understood that every endeavor has been made to avoid any error which can materially affect the basis of the Rate Contract Offer and all bidders shall take upon himself and provide for the risk of any error which may subsequently be discovered and shall make no subsequent claim on account thereof.
- 7. The submission of the Rate Contract Offer will be deemed to imply that the Bidder fully understands the scope of work involved and has read as well as understood all terms & conditions of the Rate Contract Offer document, the liabilities and responsibilities as a bidder in respect of the Rate Contract Offer.
- 8. The Corporation reserves the right to reject any or all of the Rate Contract Offer submitted in response to this Rate Contract Offer at any stage without assigning any reasons whatsoever.

9. The Corporation reserves the right to change any or all of the provisions of this Rate Contract Offer. Such changes would be intimated to prospective bidders on portal.

#### B. ABBREVIATIONS, DEFINITIONS AND INTERPRETATION

- 01. The Corporation/MP Agro means M.P. State Agro Industries Development Corporation Ltd., registered office at Panchanan building, 3<sup>rd</sup> Floor, Malviya Nagar, Bhopal (Madhya Pradesh).
- 02. Beneficiary/Consignee means the person/department who intends to purchase the items through this Corporation.
- 03. Application forms/the document means the application forms and all other relevant annexure/documents of this tender/rate contract.
- 04. Applicant/Bidder /Offerer means the Manufacturer who submits Rate Contract Offer for supply and installation of Items as per document.
- 05. EMD means Earnest Money Deposit
- 06. Managing Director means Managing Director of MP State Agro Industries Development Corporation Ltd Bhopal.
- 07. RCO or Rate Contract Offer means The offer submitted by the bidder as per terms and conditions of the Rate Contract Documents.
- 08. DOH means Director of Horticulture, Govt. of MP DAE means Director of Agriculture Engineering, Govt. of MP Bhopal.
- 09. "Rate Contract document" means and includes the invitation to Rate Contract Offers, instructions to the Bidder, acceptance of RCO, particulars and other terms & conditions specified in the RCO for acceptance by the bidder and all other related documents which includes repeated orders which would have accepted or acted upon by the/ for the Supplier/bidder and a formal agreement, if executed;
- 10. The "Supplier" means the person, firm or company or Cooperative societies with whom an agreement is executed and a supply order is placed for the supply which shall be deemed to include the suppliers' successors (approved by MP AGRO) representatives, heirs, executors and administrators, as the case may be, unless excluded by the terms of the Rate Contract offer;
- 11. "The Inspecting Agency' means the person/firm/agency authorized by CORPORATION and/or Director of Horticulture and/or Director of Agriculture Engineering specified in the Rate Contract offer for the purpose of Inspection of materials/equipment before formal acceptance or services under the Rate Contract offer.
- 12. "The Purchaser" means the MP STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED, and/or the Government agency/organization who intend to purchase the material/equipment.
- 13. "Materials" means the goods specified in the Rate Contract offer which the Supplier/bidder has agreed to supply under the Rate Contract offer;
- 14. "Test" means such test as is prescribed by the particulars or considered necessary

by the MP AGRO/Director of Horticulture/ Director of Agriculture Engineering/ any Government agency who intend to purchase the materials/equipment, performed or made by the inspecting agency acting under an order issued by MP AGRO/Director of Horticulture/Director of Agriculture Engineering/ Cooperative Societies/Firm.

- 15. Terms and expression not herein defined shall have the meanings assigned to them in the Indian Sale of Goods Act, 1930 (as amended) or the General Clauses Act, 1897 (as amended), or the Indian Rate Contract offer Act, 1872 (as amended), as the case may be.
- 16. Rate Contract offer shall be governed by the Laws of India in force from time to time.
- 17. Words importing the singular shall include the plural and vice versa, words importing any gender shall include all other genders, words importing persons shall include bodies corporate, unincorporated associations and partnerships and vice versa. References to whole shall include the part and vice versa.
- 18. The Courts of the place from where the acceptance of the Rate Contract Offer has been issued shall alone have jurisdiction to decide any dispute arising out of or in respect of the Rate Contract offer .
- 19. A person signing the Rate contract offer or any other document in respect of the Rate Contract offer on behalf of the supplier without disclosing his authority to do so shall be deemed to warrant that he has authority to bind the Supplier. If it is discovered at any time that the person so signing has no authority to do so, Corporation may, without prejudice to any other right or remedy of MP AGRO, cancel the Rate Contract offer and make or authorize making of a purchase of the materials at the risk and cost of such person, and hold such person liable to Corporation for all costs and damages arising from the cancellation of the Rate Contract offer including any loss which Corporation may sustain on account of such purchase.
- 20. For all purposes of the Rate Contract offer, including arbitration there under, the address of the Supplier mentioned in the Rate contract offer shall be address to which all communications addressed to the Supplier shall be sent, unless the Supplier has notified change by a separate letter containing no other communication and sent by registered post acknowledgment due to MP AGRO. The Supplier shall be solely responsible for the consequence of an omission to notify a change of address in the manner aforesaid.



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#### TITLE, TIME SCHEDULE, RATE CONTRACT OFFER FEE, EMD & PREBID MEETING

#### (A) TITLE:

SUPPLY, INSTALLATION & COMMISSIONING OF SEED PROCESSING PLANT (CAPACITY -1, 2, 4 & 5 TPH) ON TUNRKEY BASIS FROM OEM OF SEED GRSDER AT VARIOUS PLACES IN MP FOR THE YEAR 2023-24.

#### (B) <u>TIME SCHEDULE:</u>

Stages of Bidding	Scheduled time	Scheduled Date
Purchase of RCO Document	upto 2.00 PM	12.02.2024
Last date of submission	upto 04.00 PM	12.02.2024
Pri-bid Meeting	.12.00 Noon	29.01.2024
Date of Including the Suggestions of	upto 05.00 PM	29.01.2024
Pri bid Meeting in RCO		
Opening of technical bid	upto 03.00 PM	12.02.2024

Financial Bid of the bidders who successfully submitted their technical bid, will be opened on the date decided by the Corporation which will be intimated to bidders & published on website in due course of time.

Each stage of bidding will take place on the date and time mentioned against them. However if the date and time is changed/ postponed information in this regard will be published on Corporation website <a href="www.mpagro.org">www.mpagro.org</a> and/or www.mptenders.gov.in

#### (C) RATE CONTRACT OFFER FEE & EMD:

This Rate contract Offer invited under e-Rate Contract Offer system and bidding process shall have following steps:-

RATE CONTRACT OFFER FEE (Non Refundable)	Rs. 10000 + 1800 (18%GST) = 11,800/- (Rupees El thousand eight hundred Only) shall be paid online.	leven
<b>EMD</b> (Shall be paid online)	For supply, installation and commissioning of Seed Processing Plant (Capacity - 1,2, 4 & 5 TPH)	Rs. 5.00 lakhs
SECURITY DEPOSIT (To be Paid in The Form of Demand Draft)	on turnkey basis at various places in mp for the year 2023-24	Rs. 25.00 lakhs

AS PER MP STORE PURCHASE RULES 14.1 EXEMPATATION IN EMD IS APPLICABLE ONLY FOR MADYA PRADESH MSME AND STARTUPS ONLY.

- **Note:** If RCO is cancelled by the Corporation, EMD amount so deposited will be refunded online.
- . Successful Offrers have to deposit Security Deposit of Rs 25 Lakhs before the execution of Agreement. The Amount of EMD of Successful offerers will be adjusted in Security Deposit.
- . No interest shall be paid on EMD and SD amount.

#### (D) PREBID MEETING:

Prospective bidders are free to express their suggestion/omission etc for improvement of the RCO. Corporation suggests all prospective bidders to send their suggestion etc well before the due date of Pri-Bid Meeting of this Rate Contract offer. Suggestion so received will be examined at Corporation level and if deemed necessary corrigendum will be issued. Decision of Managing Director on the suggestions so received, shall be binding to all.

#### ANNEXURE - IV



## THE MADHYA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED

"PANCHANAN" 3rd FLOOR, MALAVIYA NAGAR, BHOPAL Phone (0755)- 2551652, 2551756, 2761392, Fax: 0755-2557305

## ELIGIBILITY OF BIDDER, TECHNICAL SPECIFICATIONS OF ITEM & SCOPE OF WORK

#### (A) ELIGIBILITY:

ELIG	BILITY	DOCUMENT TO BE UPLOADED DULY SELF ATTESTED
1.	Bidder must be ORIGINAL EQUIPMENT MANUFACTURER.	Self Certified Copy of NSIC Registration/ DIC Certificate / Udyog Adhar Certificate of Valid date.
	The entity may be a Company registered under the Companies Act, 1956, or a Partnership Firm registered under Partnership Act, 1932 or co-operative firm registered under Co-operative Act, or proprietary firms, having valid Single point registration in NSIC or Udhyog Adhar Issued by MSME for Manufacturing of Items of This RCO	Certificate of incorporation in case of company, Partnership firm & co-operative society & self declaration in case of proprietary firm.
2.	The Minimum Annual Cumulative Turnover of the manufacturer for the last consecutive Three (3) financial years (2020-21, 2021-22 and 2022-23) should not be less than 15 coreres.	A Certificate issued by Chartered Accountants showing year wise turnover of Applicant Firm shall be submitted along with RCO.
3.	Bidder must produce Satisfactory Performance certificate from various buyers for minimum 15 seed processing plants/ machines (CAPACITY -1/2/4 or 5 TPH) supplied during the last three financial year i:e 2020-21, 2021-22 and 2022-23.	Summary of the supplies made by the Plant and a copy of the Satisfactory Performance certificates shall be submitted along with the RCO.
4.	Bidder should have latest feasibility report for Manufacturing Facilities owing by them, from Govt. agencies authorized by Quality Council of India, Central Government agencies or State Industries Department showing year wise manufacturing capacity of bidder including details of machines/plants eructed.	Copy of the feasibility report.
5.	Bidder must have valid GST Registration.	Copy of the GST Registration.
6.	Bidder must have valid PAN Registration.	Copy of the PAN Registration.

7.	MSEs/Startup of Madhya Pradesh seeking exemption from EMD, experience and turnover,	MSEs/Start up Certificate				
	shall submit online documentary evidence					
	supporting the eligibility for exemption.					
	Exemption will be given as per M.P. Govt. store					
	purchase rule 2015 (revised 2022)					
	NOTE : The Corporation reserves the	right to give preferential				
	treatment/exemption to Start ups in matters of Eligibility, EMD, experience and					
	turnover as per M.P. Govt. store purchase rule	2015 (revised 2022) etc. Such				
	Bidders have to submit documentary proof at the	time of submission of RCO				

#### **Provision for Start-Ups:**

According to the clause number 22 of store purchase rules 2015 (as amended in 2022) Startup of Madhya Pradesh will be given exemption in all related qualification like experience turnover.

## Provision for Scheduled Castes, Scheduled Tribes, Women Entrepreneurs:

To avail benefits related to Section No. 23.1 of the Store Purchase Rules 2015 (as amended in 2022), it is mandatory for Scheduled Castes, Scheduled Tribes, women-owned entrepreneurs to submit all related documents/ documentary evidence duly self attested.

#### Non - Eligibility to participate in the bid due to pending court case/dispute:

The offers of such bidders shall not be accepted with whom any court case and/or dispute are pending with the Corporation, other Government department or any other organization/agency. Offers of such bidders shall also not be accepted with whom any criminal case is also pending.

# (B) MINIMUM QUALITY STANDARD FOR OUTPUT AND TECHNICAL SPECIFICATIONS

- A. Minimum quality standard for output:
  - a) Output should be foreign material/metal particle free.
  - b) Output should be dust free.
  - c) Machine should be appropriately designed to produce output as "Processed seed should not have seed of the size lower than the bottom screen used beyond 5.0% (by weight)".
  - d) Output should be based on the basis of top and bottom screen size suggested in Indian Minimum Seed Certification Standards manual by "The Central Seed Certification Board, Department of Agriculture and Cooperation".
- B. Main components of the Plant:
  - 1) Dump Hopper -1 No.
  - 2) VB Elevator to feed Seed Grader 1 No.
  - 3) Surge Bin on seed grader- 1 No.
  - 4) Seed Grader with all accessories and five set of additional screen- 1 No.
  - 5) VB Elevator to feed indented cylinder (IC) grader with bye-pass arrangement to seed gravity separator- 1 No.
  - 6) Surge Bin on IC grader/SG grader 1 No.
  - 7) Indented Cylinder (IC) grader 1 No.
  - 8) Specific Gravity (SG) separator 1 No.
    - a. VB Elevator to feed seed gravity separator 1No.
    - b. Surge bin on SG grader 1No.
    - c. Gravity separator 1No.
    - d. Additional deck for specific gravity separator -1 No.
  - 9) Electronic panel
  - 10) Painting of exterior parts.
- C. Detailed specifications:
  - 1) Dump Hopper -1 No.
    - i) 200 kg HOPPER Capacity based on Wheat.
    - ii) The hopper is required to collect the grains at floor level.
  - 2) VB Elevator to feed Seed Grader 1 No.
    - i. Capacity 2.0 TPH (based on wheat).
    - ii. Suitable height with geared motor.
    - iii. All GI fabricated sheet metal components.
    - iv. Head casing, boot casing and leg casting of GI sheet should have a minimum thickness of 2.0mm, 3.00mm and 1.5mm respectively. Spouting and discharge valve should be more than 1.5mm thick. Complete with suitable geared motor starter and switch, service platform, ladder, one length of spouting, 'Y' section and all standard features.
    - v. Endless belt built with NN canvas carcass, wing type boot pulley, Head pulley with rubberized crowned, feeding hopper size of matching capacity. Buckets should be made of HDPE and spacers should be provided between belt and buckets to avoid seed damage. Belt speed should not exceed 40-80 m/min.

- 3) Surge Bin on seed grader- 1 No.
  - i. Capacity -500 kg on wheat basis.
  - ii. Function For uniform feeding to seed grading Machines. The surge bions of suitable dimensions to accommodate 500kg wheat grains will be provided and installed.
  - iii. Construction- Mild steel sheet thickness 2mm hopper bottom and 2.0mm side legs pipe/angular construction with foundation plate.
  - iv. Seeds/grains level viewing Through transparent and unbreakable PU/acrylic sheet windows.
- 4) Seed Grader with all accessories and five set of additional screen- 1 No.
  - i. Capacity 1 TPH based on wheat at 12% moisture content and 10% impurities.
  - ii. The machine should have capability for efficient cleaning of various crop seeds such as wheat, paddy, pearl millet, maize, sunflower, soybean, gram, pulses, vegetable seeds, oilseeds, fodder crop seeds etc. Grading has to be carried out for 2 grades (excluding oversize and under size impurities).
  - iii. Feeding hopper is to be provided with a feed control gate to regulate the feeding rate.
  - iv. Air aspirators with fan speed starting from 3000 cfm with step less variable air control arrangement for removal of lighter impurities like dust, chaff, husk, diseased grains, small weed seed etc.
  - v. Self cleaning type Air chamber.
  - vi. All screens are interchangeable with adjustable inclination.
  - vii. Total overall screen area should be not less than 3 m2.
  - viii. Total HP should not be more than 5.0 HP (3.7 KW)
  - ix. Electric drive- Electric motor of 5HP of reputed make with suitable starter and switch for operation on AC only.
  - x. Machine should have 3 screens, arranged in 3 layers.
  - xi. Grader should have gravity feeding system fed with the help of bucket elevator as mentioned item No.1 above.
  - xii. Sieve deck is made of insect and moisture resistant material with suitable mechanism for perforation cleaning of the screens.
  - xiii. All moving parts should be covered with safety guards and the machine should be totally closed with side panels.
  - xiv. Complete with electric motor, cyclonic dust collector, requisite numbers of dusting, fitted with one set of screens and all other standard features.
  - xv. All screens to be made of at least 0.8mm CRC perforated sheet and suitably incline3d. The screens should be free from curvature and burrs.
  - xvi. Spouts delivering the rejects should be located on a side different from the clean material spout.
  - xvii. Four sets of additional screens (other than one already fitted in the machine) suitable for other crops, as per choice of users.
- 5) VB Elevator to feed indented cylinder (IC) grader with bye-pass arrangement to seed gravity separator- 1 No.
  - i. Capacity 1.0 TPH (based on wheat).
  - ii. Suitable height with geared motor.
  - iii. All GL fabricated sheet metal components.

- iv. Head casing, boot casing and leg casing of GI sheet should have a minimum thickness of 2.0mm, 3.0mm and 1.0mm respectively. Spouting and discharge valve should be more than 1.5mm thick. Complete with suitable geared motor starter and switch, service platform, ladder, one length of spouting 'Y' section and all standard features.
- v. Endless belt built with NN canvas carcass, wing type boot pulley, head pulley with rubberized crowned, feeding hopper size of matching capacity. Buckets should be made of HDPE and spacers shou7ld be provided between belt and buckets to avoid seed damage. Belt speed should not exceed 40-80 m/min.
- 6) Surge Bin on IC grader/SG grader 1 No.
  - i. Capacity 200 Kg on wheat basis.
  - ii. Function For uniform feeding to IC grader/SG grader. The surge bins of suitable dimensions to accommodate 200kg wheat grains will be provided and installed.
  - iii. Construction- Mild steel sheet thickness 2mm hopper bottom and 2.0mm side legs pipe/angular construction with foundation plate.
  - iv. Seeds/grains level viewing- Through transparent and unbreakable PU/ acrylic sheet windows.
  - v. Provision for feeding either to IC grader or SG grader.
- 7) Indented Cylinder (IC) grader 1 No.
  - i. Capacity 1.0 TPH (capacity is at 2 per cent impurity).
  - ii. It should be provided with direct feeding from seed grader with independent drive with motorized by passes arrangements.
  - iii. Suitable for separating short kernels from long, broken or cut kernels from whole kernels and also round seeds from oblong ones.
  - iv. All steel construction with compact and sturdy channel structure. Auger is provided for discharging cut/broken grains, interchangeable type indent segment. Sheet thickness of the cylinder can vary between 12-14 guage.
  - v. Machine shall have TWO variable speed cylinders with an L:D ratio between 3 and 4. Complete with electric motor (2 HP, 3 Phase) factory fitted segment for wheat, motorized bypass arrangement to bypass the indented cylinder when short grain separation is not required.
- 8) Specific Gravity (SG) separator 1 No.
  - a. VB Elevator to feed seed gravity separator 1No.
    - i. Capacity 1.0 TPH.
    - ii. All GI fabricated sheet metal components.
    - iii. Head casing, boot casing and leg casing should be made of 2.0mm, 3.0mm and 1.6mm GI sheet respectively, spouting and discharge value should be made of 1.6mm sheet. Complete with suitable geared motor starter and switch, servi9ce platform, ladder, one length of spouting 'Y' section and all standard features.
    - iv. Belt shall be NN type, Boot pulley should be at least of matching capacity. Buckets should be made of HDPE and spacers should be provided between belt and buckets to avoid seed damage. Belt speed should not exceed 1mm/sec.
  - b. Surge bin on SG grader 1No.

- i. Capacity 200 Kg on wheat basis.
- ii. Function- For uniform feeding to pre-cleaning machines. The surge bins of suitable dimensions to accommodate 200kg wheat grains will be provided and installed.
- iii. Construction- Mild steel sheet thickness 2mm hopper bottom and 2.0mm side legs pipe/angular construction with foundation plate.
- iv. Seeds/grains level viewing- through transparent and unbreakable PU/acrylic sheet windows.

#### c. Gravity separator – 1No.

- i. Capacity 1.0 TPH based on wheat and depending upon the grading quality to be achieved.
- ii. It should be meant for removing impurities on specific density principle, grains same in size but different in weight shall be separated. Minimum three grades must be obtained. Suitable for all types of grains, seeds and granular products.
- iii. The machine should have compact and sturdy steel channel frame with high quality wooden/metal rectangular deck mounted on metal bushings, minimum deck size should be 2 m2, dynamically balanced fans (at least 4 Nos.) with individual adjustable air control with analog metering device, variable oscillation speed of deck should be controlled with variable frequency drive, machine should have the facility of variable lengthwise and sidewise inclination of deck with regulated feeding with big hopper, built in air filters.
- iv. The machine should be supplied with MS foundation frame.
- v. The machine should have spouting for a provision of mixing Grade A and B if required.
- vi. The machine should be supplied with individual drives for deck and
- vii. Complete with electric motors for fan, deck and common spouting total HP should not to exceed 10HP, starter, switch and other standard features.
- d. Additional deck for specific gravity separator -1 No.
  - i. Rectangular wooden/metal deck fitted with CRC perforated screen, suitable wire mesh for coarse/fine/super fine, supporting for specific gravity separator.

#### 9) Electronic panel.

White powder coated control panel manufactured with CRCA sheet, control panel is having following features.

- i. MCB of suitable rating with short circuit protection.
- ii. Controller which displays voltage, current, KW, PF, Frequency, KWh.
- iii. Indicating lamps for 'Load on' and 'Set running'.
- iv. Current transformers of suitable rating.
- v. Copper cables of suitable capacity with incoming and outgoing termination.
- vi. Control fuses duly wired and ferruled.
- 10) All machines should be painted suitably or powder coated from exterior with an even layer of paint over appropriate primer paint.

#### **SEED PROCESSING PLANT CAPACITY 2 TPH**

## (BASED ON WHEAT)

# MINIMUM SPECIFICATIONS

S.N.	Equipment Name		Size		
01	V. B Elevator				
	Construction of Material	:	G.I.		
	Capacity	:	Up to 3 TPH (Based on wheat)		
	Discharge Ht	:	as per site		
	Hopper	:	2.5mm thick M.S		
	BOOT ASSEMBLY	••	Not less than 3.2 mm G.I. Sheet		
	MIDDLE SECTION LEGS	:	Not less than 1.6 mm thickness G.I Sheet		
	HEAD CASING	:	Not less than 2.0 mm thick G.I. sheet		
	BELT AND BELT SPEED	:	5" width Nylon-to-Nylon (food grade) woven belt, The		
			belt - speed is less than 1 m/sec		
	BUCKETS	:	4" M/S HDPE		
	Discharge Pipe	:	Made of stainless steel grade 202, Min Dia 100mm, Bends - Stainless Steel/ Nylone		
	Head Pulley	:	Crowned		
02.	Dump Hopper with pit cover Size ;- 2000mm x 1000mm x Depth min. 1000 mm Made of M.S Sheet 2.5 mm				
03.	Seed Cleaner				
	Cleaning Capacity: 3 TPH Based on Wheat at 12% moisture content and 10% Impurities.				
	Specification: -  Used for efficient cleaning of all coffee seeds etc.	cification:-			
	No. of Screens	:	Three		
	Top Screen	:	Scalping		
	Middle Screen	:	Grading		
	Bottom Screen		Grading of under size		
	Screen Area	:	Min. 3.6 square meter		
	Power	:	Min. 4 HP		
	No of Aspiration	:	one		
	Screen cleaning Device	: Balls/ Nylon Brush			
 	<u> </u>	n, el	ectric motors, Starter Switch 440volt 50Hz 3Phase, feed		
	hopper, Air Trunk/ meter, Dust Collector, Tool Kit etc.				

04.	Additional screen for seed pre- cleaner – 1 Set.					
05.						
	Dust aspiration, to suck loose dust particles from dump hopper and head of 1st elevater,					
	surge hopper of pre-cleaner and seed grader for green environment. This dust should be					
				uld be over pre-cleaner. Dust aspiration system		
				vator and surge hopper over pre-cleaner and seed		
				ducting dia range 150mm to 450mm and pipe of		
	suitable length		Ū			
	J J					
06.	Seed Grader: Capacity: Grad	ding : ι	ıp t	o 2 TPH (Based on Wheat)		
	Specification:					
	Used for efficient cleaning of a	all type	S O	f cereal grains, paddy, rice, malting barley, coffee		
	seeds and pre-cleaning of al	II types	s o	f seeds such as wheat, paddy, maize, millets		
	sunflower, soybean, oil seeds a	nd also	o foi	rice & pulse milling plants		
	No. of Screens	:  -	Thre	ee		
	Screen Area	:   [	Min	.4.3		
	Power	:   [	Min	. 5.5 hp		
	Screen Cleaning Device : Top – balls - Middle & bottom - ball /brush					
	Top screen scalping, middle & bottom grading.					
	Complete with one set of screen, electric motor/s, starter Switch, pulley guard, 2 no. Air bend					
	and min. 3 mtr long air trunk, Foundation bolt, Tool Kit. Cyclone dust collector for outside					
	installation .					
	installation.					
	Surge Hopper:-Cap. :- 400 kg h	n <u>aving</u>	dou	ble aspiration system.		
07						
07 08.	Surge Hopper:-Cap. :- 400 kg h	rader -	- <u>01</u>	Set		
	Surge Hopper:-Cap. :- 400 kg h  Additional Screen for seed Gr  Indented Cylinder with shakin	rader -	- <u>01</u> ass	<u>Set</u> arrangement		
	Surge Hopper:-Cap. :- 400 kg h  Additional Screen for seed Gr  Indented Cylinder with shakin This Machine should be suitable	rader - ng bypa le for s	- <u>01</u> ass	Set  arrangement  arating short or cut grains from wheat and paddy .li		
	Surge Hopper:-Cap. :- 400 kg h  Additional Screen for seed Gr  Indented Cylinder with shakin This Machine should be suitable	rader - ng bypa le for s	- <u>01</u> ass	Set  arrangement  arating short or cut grains from wheat and paddy .li		
	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of	rader - ng bypa le for s	- <u>01</u> ass	Set  arrangement arating short or cut grains from wheat and paddy .l.		
	Surge Hopper:-Cap. :- 400 kg h  Additional Screen for seed Gr  Indented Cylinder with shakin This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.	rader - ng bypa le for s	- <u>01</u> ass	Set  arrangement arating short or cut grains from wheat and paddy .l.		
	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications:	rader - ng bypa le for s	- <u>01</u> ass	Set  arrangement  arating short or cut grains from wheat and paddy .li  on of cut grain trough and to be supplied with fitted  one or two		
	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications: No of Cylinder	rader - ng bypa le for s	- <u>01</u> ass	Set  arrangement  arating short or cut grains from wheat and paddy .li  on of cut grain trough and to be supplied with fitted		
	Surge Hopper:-Cap. :- 400 kg h  Additional Screen for seed Gr  Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications: No of Cylinder Capacity	rader - ng bypa le for s	- <u>01</u> ass	Set  arrangement  arating short or cut grains from wheat and paddy .li on of cut grain trough and to be supplied with fitted one or two 2 TPH (Based on Wheat)		
	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications: No of Cylinder Capacity Motor H.P.	rader - ng bypa le for s	- <u>01</u> ass	Set  arrangement  arating short or cut grains from wheat and paddy .l. on of cut grain trough and to be supplied with fitted  one or two  2 TPH (Based on Wheat)  Min. 2.0 HP		
	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications: No of Cylinder Capacity Motor H.P. Speed of Cylinder	rader - ng bypa le for s	- <u>01</u> ass	Set  arrangement arating short or cut grains from wheat and paddy .I on of cut grain trough and to be supplied with fitted one or two  2 TPH (Based on Wheat)  Min. 2.0 HP variable		
	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications: No of Cylinder Capacity Motor H.P. Speed of Cylinder Area of indent segment.	rader - ng bypa le for s	- <u>01</u> ass	sarrangement arating short or cut grains from wheat and paddy .I on of cut grain trough and to be supplied with fitted one or two 2 TPH (Based on Wheat) Min. 2.0 HP variable Min. 4.0 square meter		
	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications: No of Cylinder Capacity Motor H.P. Speed of Cylinder Area of indent segment. Cylinder Size	rader - ng bypa le for s	- <u>01</u> ass	sarrangement arating short or cut grains from wheat and paddy .lon of cut grain trough and to be supplied with fitted one or two 2 TPH (Based on Wheat) Min. 2.0 HP variable Min. 4.0 square meter Min Dia 575mm x length 1675mm		
08.	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications: No of Cylinder Capacity Motor H.P. Speed of Cylinder Area of indent segment.  Cylinder Size Additional Indented segment  Specific Gravity Separator	rader -	- <u>01</u> <u>01</u> ass epa atio	arrangement arating short or cut grains from wheat and paddy .I on of cut grain trough and to be supplied with fitted one or two  2 TPH (Based on Wheat)  Min. 2.0 HP  variable  Min. 4.0 square meter  Min Dia 575mm x length 1675mm  Min. 1 Set.		
08.	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications: No of Cylinder Capacity Motor H.P. Speed of Cylinder Area of indent segment.  Cylinder Size Additional Indented segment  Specific Gravity Separator This Machine should be suitable	rader - ng bypa le for s if inclin	- <u>01</u> assepa atio	sarrangement arating short or cut grains from wheat and paddy .lips of cut grain trough and to be supplied with fitted one or two 2 TPH (Based on Wheat)  Min. 2.0 HP variable Min. 4.0 square meter Min Dia 575mm x length 1675mm Min. 1 Set.		
08.	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications: No of Cylinder Capacity Motor H.P. Speed of Cylinder Area of indent segment.  Cylinder Size Additional Indented segment  Specific Gravity Separator This Machine should be suitable should have adjustable angle of	rader - ng bypa le for s if inclin	- <u>01</u> assepa atio	sarrangement arating short or cut grains from wheat and paddy .liven of cut grain trough and to be supplied with fitted one or two 2 TPH (Based on Wheat)  Min. 2.0 HP  variable  Min. 4.0 square meter  Min Dia 575mm x length 1675mm  Min. 1 Set.		
08.	Additional Screen for seed Gr Indented Cylinder with shaking This Machine should be suitable should have adjustable angle of set of 5.2 mm segment.  Specifications: No of Cylinder Capacity Motor H.P. Speed of Cylinder Area of indent segment.  Cylinder Size Additional Indented segment  Specific Gravity Separator This Machine should be suitable	rader - ng bypa le for s if inclin	- <u>01</u> assepa atio	sarrangement arating short or cut grains from wheat and paddy .lip on of cut grain trough and to be supplied with fitted one or two 2 TPH (Based on Wheat) Min. 2.0 HP variable Min. 4.0 square meter Min Dia 575mm x length 1675mm		

	Area of deck		Min. 1.8 mtr square
	Blower motor	:	Minimum 5 hp
	Deck motor	:	Min.1 HP (any standard make)
	Electric panel with VFD,Surge Bin	with	Vibro Feeder
	Capacity 1 Ton	:	Made of GI
40	Decreasing of maidalling area decret		
10	Recycling of middling product	امما	Du V.D. Elevetere with evitable Hight elevetere only
			By V.B. Elevators with suitable Hight elevators only
	With Additional Deck Assembly-01 N	0.	
11		): <u>ha</u>	aving single deck to separate stones or heavy
	impurities from seed.		
	Specification :		
	To separate stone from the seed.		a TDU
	Capacity	:	2 TPH.
	Motor H.P.	:	Min. 1 HP
	<u>Deck size</u>	:	Min. 850x450 mm
12	Seed Treater (Slurry Type)		
	Specification :		
	Capacity	:	2 TPH (Based on Wheat)
	Power	:	Min. 1HP.
	<u>Tank</u>	<u>:</u>	Min. 40 ltr
		for to	reatment of various cereal, vegetable,
	pulses, oil seeds with fungicides etc.		
13	Storage Bin for Final packing		
			(3mm Thk.), with M.S structure for legs & frame.
	Complete with bag clamping arrange	ment	
	Specification :		
	Capacity	:	4 Tons
14	Electric Panel MIMIC Type:		
			s with separate mcb, starter, light indicators, start
			eter for incoming electric supply housed in pre
	fabricated powder coated electric par		
15		ateri	al (like undersize, immature, broken and light
	grains except rejection of cleaner		
	It should comprise of V.B elevators or conveyers & storage bin for collection and uniformity of rejection material, which should be properly mixed for single lot.		
	uniformity of rejection material, wh	nich	snould be properly mixed for single lot.

# SEED PROCESSING PLANT CAPACITY 4 TPH (BASED ON WHEAT) MINIMUM SPECIFICATIONS

S.N.	Equipment Name		Size			
01	V. B Elevator					
	Construction of Material	:	G.I.			
	Capacity	:	Up to 6 TPH (Based on wheat)			
	Discharge Ht	:	as per site			
	Hopper	:	2.5mm thick M.S			
	BOOT ASSEMBLY	:	not less than 3.2 mm G.I. Sheet			
	MIDDLE SECTION LEGS	:	not less than 1.6 mm thickness G.I Sheet			
	HEAD CASING	:	not less than 2.0 mm thick G.I. sheet			
	BELT AND BELT SPEED	:	6" width Nylon-to-Nylon (food grade) woven belt, The			
			belt - speed is less than 1 m/sec			
	BUCKETS	:	5" Buckets			
	Complete with Platform (G.I.) a Bonfigloli/MGM Varvel / Equivale		Ladder (G.I.), Dump Hopper, Suitable geared motor of			
			tors shall be as per approved machine lay-out wherein			
	quantity shall be as required in or					
2.	Dump Hopper with pit cover	ile III	acinine inie.			
۷.	Size ;- 2500 MM x 2200 MM x D	)entl	n min 2200 mm			
	Made of M.S Sheet 2.5 MM	opt.				
3.	Seed Pre Cleaner					
	Cleaning Capacity: 5-6 TPH (Based on Wheat, at 12% moisture content and 10% Impurities)					
	Specification:					
	Used for efficient cleaning of all types of cereal grains, paddy, rice, wheat, malting barley,					
	coffee seeds etc.	•				
	No. of Screens		: Three			
	Top Screen		: Scalping			
	Middle Screen		: Grading			
	Bottom Screen		: Grading of under size			
	Screen Area		: minimum 6 m2			
	No of Aspiration		: 01			
	<u>Motors</u>		Min.7HP			
	Screen cleaning Device		Balls/Nylon Brush			
	Complete with one set of screen, electric motors, Starter Switch 440 Volt 50Hz 3Phase, feed					
	hopper, Dust Collector, Air Trunk tool kit, etc.					
4.	Additional screen for seed pre	- cle	eaner – <u>1 Set.</u>			
5.	Surge Hopper & Dust Aspiration					
	Dust aspiration, to suck loose dust particles from dump hopper and head of 1st elevater,					
	surge hopper of pre-cleaner and seed grader for green environment. This dust should be					
	thrown in cyclone. This surge hopper should be over pre-cleaner. Dust aspiration system					
		۰۰ V.I	3. Elevator and surge hopper over pre-cleaner and seed			
	grader.					
	Motor Capacity min. 7.5 HP. Having ducting dia range 150mm to 550mm and pipe of suitable					
	length					

6.	Seed Grader					
	Capacity: Grading : 4 TPH (Based on Wheat)					
	Specification : -					
	Used for efficient cleaning of all types of cereal grains, paddy, rice, malting barley, coffee seeds and pre-cleaning of all types of seeds such as wheat, paddy, maize, millets,					
	seeds and pre-cleaning of all types of seeds such as wheat, paddy, maize, millets sunflower, soybean, oil seeds and also for rice & pulse milling plants					
	No. of Screens	:	Three			
	Screen Area	•	Minimum 7.5 m <sup>2</sup>			
	Power		Min. 7.5 HP			
	Top Screen	-	Scalping			
	Middle Screen		Grading			
	Bottom Screen	:	Grading			
Complete with one set of screen, electric motor/s, starter Switch, pulley guard, and min. 3 mtr long air trunk, Foundation bolt, Tool Kit, without air trunk and collector.  Surge Hopper:- Cap.:- 600 kg						
7	Having double aspiration system.  Additional Screen for seed Grae		01 Set.			
		_				
8.	Indented Cylinder with shaking					
	This Machine should be suitable for separating short or cut grains from wheat and paddy .It					
	should have adjustable angle of inclination of cut grain trough and to be supplied with fitted					
	set of 5.2 mm segment.					
	Specifications:-					
	No of Cylinder	:	Two			
	Capacity	:	4 Tph(Based on Wheat)			
	Motor H.P.	:	Min. 2.0 HP			
	Speed of Cylinder	:	variable			
	Area of indent segment.	:	Min. 7.5 square meter			
	Cylinder Size	:	Min Dia 575mm x length 2175mm			
	Additional Indented segment	3	Min. 1 Set .			
9.	Specific Gravity Separator					
	Specification : -					
	Capacity : 4ton/hr.(Based on wheat)					
	The Machine is suitable for removing impurities and achieving very high grading quality in					
	any free flowing granule material,	Grain S	eed and Spices etc.			
	No. of fan	:	More than 5 fans			
	Deck Area	:	Minimum 3.2 m <sup>2</sup>			
	Blower motor	:	Minimum 7.5 hp			
	Deck motor	:	Minimum 1.5 hp			
	Electric panel with VFD,Surge Bin with Vibro Feeder					
	Cap. 1 Ton	:	Made of MS			
10	The middling product should be recycled, By V.B. Elevators with suitable Hight elevators only					
	Recycling of middling product :					
	With Additional Deck Assembly 01 No.					

11	De-stoner (Negative pressure typ impurities from seed	e <u>w</u>	ith double deck): to separate stones or heavy
	Specification:		
	To separate stone from the seed.		
	Capacity	:	<u>4 TPH</u>
	Motor H.P.	:	Min. 9 H.P.
	Size of deck- 1000mm x 600mm		
12	Seed Treater (Slurry Type)		
	Specification:		
	Capacity	:	4 TPH (Based on Wheat)
	Power	:	Min. 2HP
	<u>Tank</u>	<u>:</u>	Min.90 ltr
	Most suitable & economical machine pulses, oil seeds with fungicides etc.		reatment of various cereal, vegetable,
13	Storage Bin for Final packing		
	Made of SS 202 (2mm Thick) / GI S	heet	(3mm Thick.), with M.S structure for legs & frame.
	Complete with bag clamping arrange	men	<u>t</u> .
	Specification:		
	Capacity	:	8 tons (2 nos storage bins having size – 4 tons
			each for ease of transportation)
14	Electric Panel MIMIC Type:	1	
	It is suitable to control the electric motors with separate mcb, starter, light indicators, start stop switch, bus bar, volt meter, ammeter for incoming electric supply housed in pre fabricated powder coated electric panel.		
15	Collection System of rejection Material (like undersize, immature, broken and light grains except rejection of cleaner It should comprise of V.B elevators or conveyers & storage bin for collection and uniformity of rejection material, which should be properly mixed for single lot.		

# SEED PROCESSING PLANT CAPACITY 5 TPH (BASED ON WHEAT) MINIMUM SPECIFICATIONS

S.N.	Equipment Name		Size	
01	V. B Elevator		0.20	
0.1	Construction of Material	:	G.I.	
	Capacity	:	Up to 7.5 TPH (Based on wheat)	
	Discharge Ht	:	as per site	
	Hopper	:	2.5mm thick M.S	
	BOOT ASSEMBLY	:	not less than 3.2 mm G.I. Sheet	
	MIDDLE SECTION LEGS	:	not less than 1.6 mm thickness G.I Sheet	
	HEAD CASING	:	not less than 2.0 mm thick G.I. sheet	
	BELT AND BELT SPEED	:	7" width Nylon-to-Nylon (food grade) woven belt, The belt - speed is less than 1 m/sec	
	BUCKETS		6" Buckets	
		nd	Ladder (G.I.), Dump Hopper, Suitable geared motor of	
	Bonfigloli/MGM Varvel / Equivale			
	Note :-Required no of vertical e quantity shall be as required in on		ntors shall be as per approved machine lay-out wherein achine line.	
2.	Dump Hopper with pit cover Size ;- 2500mm x 2200mm x Depth min. 2200 mm Made of M.S Sheet 2.5 mm			
3.	Seed Pre Cleaner			
	Cleaning Capacity: 7-8 TPH (Based on Wheat, at 12% moisture content and 10% Impurities)			
	Specification:			
	Used for efficient cleaning of all coffee seeds etc.	typ	pes of cereal grains, paddy, rice, wheat, malting barley,	
	No. of Screens		: Three	
	Top Screen		: Scalping	
	Middle Screen		: Grading	
	Bottom Screen		: Grading of under size	
	Screen Area		: $7.25 \mathrm{m}^2$	
	No of Aspiration		: One/Two	
	<u>Motor</u>		<u>:</u> <u>Min. 7 HP</u>	
	Screen cleaning Device		: Balls / Nylon Brush	
	Complete with one set of screen, hopper, 4 heavy duty wheels, Du	,	ectric motors, Starter Switch 440 Volt 50Hz 3Phase, feed Collector, Air Trunk tool kit, etc.	
4.	Additional screen for seed pre-	- cle	eaner – <u>01 Set.</u>	
5.	Surge Hopper & Dust Aspiration	n -	Cap. 500 Kg	
	Dust aspiration, to suck loose dust particles from dump hopper and head of 1st elevater, surge hopper of pre-cleaner and seed grader for green environment. This dust should be thrown in cyclone. This surge hopper should be over pre-cleaner. Dust aspiration system should cover at intake point of 1st V.B. Elevator and surge hopper over pre-cleaner and seed grader.			
	Motor Capacity min. 7.5 HP. H suitable length	lavi	ng ducting dia range 150mm to 550mm and pipe of	

6.	Seed Grader					
	Capacity: Grading: 7 TPH (Based on Wheat)					
	Specification : -					
	Used for efficient cleaning of all types of cereal grains, paddy, rice, malting barley, coffee					
	seeds and pre-cleaning of all types of seeds such as wheat, paddy, maize, millets,					
	sunflower, soybean, oil seeds and also for rice & pulse milling plants					
	No. of Screens	:	Three			
	Screen Area	:	Min. 9.0 m2			
	Power	:	Min. 7.5 hp			
	Top Screen	:	Scalping			
	Middle Screen	:	Grading			
	Bottom Screen	:	Grading			
	Complete with one set of screen	, electri	c motor/s, starter Switch, pulley guard, Air bend and			
	min. 3 mtr long air trunk, Founda	tion bolt	t, Tool Kit, cyclon dust collector.			
	Surge Hopper :- Cap. :- 600 kg.					
	Having double aspiration system					
7	Additional Screen for seed Gra	ader – <u>0</u>	1 Set			
8.	Indented Cylinder with shaking					
	This Machine should be suitable	e for sep	parating short or cut grains from wheat and paddy .lt			
	should have adjustable angle of inclination of cut grain trough and to be supplied with fitted					
	set of 5.2 mm segment.					
	Specifications:-					
	No of Cylinder	:	two			
	Capacity	:	5 tph(Based on Wheat)			
	Motor H.P.	:	3.0 HP			
	Speed of Cylinder	:	variable			
	Area of indent segment.	:	Min. 4.7 square meter			
	Cylinder Size	:	Min Dia 600 mm.x length 2475			
	Additional Indented segment	:	Min. 1 Set .			
9.	Specific Gravity Separator					
٠.	Specification : -					
	Capacity : 5 Ton/Hr.(Based on wheat)					
	The Machine is suitable for removing impurities and achieving very high grading quality in					
	any free flowing granule material, Grain Seed and Spices etc.					
	No. of fan	•	Min. 7 fan			
	Area	•	Minimum 3.5 m2			
	Blower motor	-	Minimum 7.5 HP			
	Deck motor	•	Minimum 2 HP			
	Electric panel with VFD,Surge Bin with Vibro Feeder					
	Cap. 1 Ton	:	Made of MS			
10	Recycling of middling product					
	• .	e recycl	ed, By V.B. Elevators with suitable Hight elevators			
only,						
	With Additional Deck Assembly - 01 No.					

11	Destoner ( <u>Negative</u> pressure ty impurities from seed	ре <u>w</u>	th double deck): to separate stones or heavy		
	Specification:				
	To separate stone from the seed.				
	Capacity	:	4-5 TPH		
	Motor	:	Min. 9 HP		
	Size of deck- 1200mm x 700mm				
12	Seed Type Treater (Slurry-Continuous Type)				
	Specification:				
	Capacity	:	4-5 TPH (Based on Wheat)		
	Power	:	Min. 1 HP.		
	Premixing tank		Min. 200 ltr		
	Seed Treater, Compact with latest technique for treatment of various crops				
	with liquid pesticide / fungicials.				
	Liquid Contact parts are made of SS. It should be very easy and quick to clean.				
	Have sensors which monitor flow	of see	d & treating liquid & dozing of chemical should be		
	automatic.				
13	Storage Bin for Final packing				
			t (3mm Thk.), with M.S structure for legs & frame.		
	Complete with bag clamping arrangement.				
	Specification :				
	Capacity :	<u>10</u>	tons. (2 nos storage bins having size – 5 tons each		
		<u>fo</u>	rease of transportation)		
14	Electric Panel MIMIC Type:				
	It is suitable to control the electric motors with separate mcb, starter, light indicators, start				
	stop switch, bus bar, volt meter,	amn	neter for incoming electric supply housed in pre		
	fabricated powder coated electric p	anel.			
15	It should be provided in the plant to collect all the rejection of pre cleaner seed grader indented cylinder and specific gravity separator except light impurities & top screen removal (oversize), with the help of conveyers & V.B Elevators of pre-cleaner to be collected in the bin of 5 ton covered from the top to avoid dust in the environment with.				

#### (C) SCOPE OF WORK

The scope of work shall also include the following.

- 1. Designing, supply, installation testing, commissioning of Seed Grading Plants with two years annual maintenance.
- 2. Collection of all relevant site data which could be required for proper designing and successful layout, installation & commissioning of the system.
- 3. Realistic and pragmatic engineering designing of all the necessary device/ components and subsystem including technical civil works that are required for system.
- 4. Supply and transportation of all required material, components, device, subsystems and equipment to the site and arrangement of safekeeping and storing them at site.
- 5. All arrangement at site, required tools, labor work, engagement of labor, etc all other required work for successful implementation of project on turnkey basis. (Excluding technical civil work if any)
- 6. Supply installation of all essential sign boards, markers etc and all essential; and required documents and manuals clearly explaining the operation and maintenance and trouble shooting of various portion of the system.
- 7. Imparting necessary training during installation commissioning and after commissioning of the plant to the technicians/users as well as classroom training in fault diagnosis and equipment repair.
- 8. The entire system must confirm to all the relevant national standards of safety (if any).
- 9. The Supplier has to suggest required civil work design to the consignee. Consignee will make arrangement for civil work.
- 10. Corporation shall be in full liberty to buy system of his choice irrespective if the rates.



"PANCHANAN" 3rd FLOOR, MALAVIYA NAGAR, BHOPAL Phone (0755)- 2551652, 2551756, 2761392, Fax: 0755-2557305

#### MANDATORY DOCUMENTS TO BE UPLOADED

- 01. Rate Contract Offer documents duly signed on each page with office seal affixed, complete in all respect.
- 02. Self Certified Copy of NSIC Registration/ DIC Certificate / Udyog Adhar Certificate of Valid date.
  - Certificate of incorporation in case of company, partnership firm & cooperative society as well as self-declaration in case of proprietary firm. (as per eligibility Para no. 1)
- A Certificate from C.A. showing turnover of plants year wise at least for four years. (as per eligibility Para no. 2 & **ANNEXURE XII**)
- 04. Summery of the Seed Processing Plants supplied shall be uploaded & all performance satisfactory certificate shall be uploaded and shall be submitted in hard copies. (as per eligibility Para no. 3 & following format)

S.N.	NUMBER OF PLANT	CAPACITY	YEAR	NAME OF BUYER

- 05. Copy of the feasibility report. (as per eligibility Para no. 4)
- 06. Copy of the GST Registration. (as per eligibility Para no. 5)
- 07. Copy of the PAN Registration. (as per eligibility Para no. 6)
- 08. Application form duly filled as per Annexure VI
- 09. Valid proof of authority to signing the document.
- 10. Affidavit from the Bidder that their firm has never ever been blacklisted by any Govt. organization, semi Govt. organization or any other government agencies, or any case pending against them till the date of submission of bid. (on Bidder's Letter Head) **Annexure X**
- 11. Letter of Undertaking & Declaration **Annexure VIII**
- 12. Financial Bid as per schedule **Annexure IX**

**Note:** The offerer who submitted all the documents through online process may need not to submit hard copies of the documents. But it is strictly advised to ensure that the documents submitted through online are complete in all respect as well as all the documents are very well readable. Documents, which are not in clearly readable condition, whatsoever the reason thereof, shall be treated as incomplete and therefore the offer may be liable for rejection.

#### **APPLICATION FORM**

То

Managing Director M P State agro Industries Development Corporation Ltd 3rd Floor, Panchanan Bhawan Malviya Nagar Bhopal

**Sub**:- Application to participate in the RATE CONTRACT OFFER for SUPPLY, INSTALLATION & COMMISSIONING OF SEED PROCESSING PLANT (CAPACITY -1, 2, 4 & 5 TPH) ON TUNRKEY BASIS AT VARIOUS PLACES IN MP FOR THE YEAR 2023-24.

Dear Sir,

Kindly accept our application for the Rate Contract Offer for Supply, Installation and Commissioning of Seed Processing plants (CAPACITY 2, 4 & 5 TPH) on turnkey basis at various places in the state of Madhya Pradesh for the year 2023-24. We hereby submit application for which required details are as under.

1	Name & Address of the Applicant Firm			
	If Proprietorship			
	a) Name of Proprietor			
	b) Full Address			
	c) PAN number /GSTN No			
	If Partnership			
	a) Name of partners and their address	1.	2.	3.
	b) Is partnership deed registered If yes then	Yes / No		
	date of registration (attach copy of deed)	Date		
	If Limited or Pvt. Limited Company under			
	Indian Companies Act 1956.			
	Limited or Private Limited			
	Registered Office Address			
	Date of Certificate of in Corporation			
	Co-operative society/Firm			
	Name			
	Registered Office Address			
	Date of Certificate of Registration			
2	Location of Production units			
3	Year of Establishment of the units.			
4.	Name, Designation & Mobile Number of			
	Contact Person,			
5.	Name of Person Singing the RATE CONTRACT			
	OFFER (In Case Of Authorized Person Specific			
	Power of Attorney has to be submitted)			
6.	Detail of turnover for last four years for the	YEAR	TOTAL	TURNOVER
	item quoted (Rupees in lakhs)		TURNOVER	IN MP
		2019-20		
		2020-21		
		2021-22		
		2022-23		

I/We hereby confirm that all the above information is true to the best of my knowledge & belief. All the documents as required in the documents as enclose.

#### Not<u>e:</u>

- 1. Separate sheet may be used if necessary.
- 2. Strike out whatever not applicable.

Seal & Signature of the Bidder or their authorized Representative



"PANCHANAN" 3rd FLOOR, MALAVIYA NAGAR, BHOPAL Phone (0755)- 2551652, 2551756, 2761392, Fax: 0755-2557305

#### CONDITIONS OF RATE RATE CONTRACT OFFER

#### 1. PROCEDURE FOR RATE CONTRACT OFFER:

- 1.1 The Corporation invites online Rate Contract Offer for SUPPLY, INSTALLATION & COMMISSIONING OF SEED PROCESSING PLANT (CAPACITY-1, 2, 4 & 5 TPH) ON TUNRKEY BASIS AT VARIOUS PLACES IN MP FOR THE YEAR 2023-24. **Annexure III.**
- 1.2 Only one online Rate Contract Offer will be accepted from One Applicant / Firm. If any individual participating in the BID, representing more than one firm in one or different names which is notice by the Corporation at any point of time, all such BID will not be entertained and shall be liable for rejection.
- 1.3 The bidders intending to participate in this Rate Contract Offer are required to get enrolled/registered on the www.mptender.gov.in Enrolment /registration and subsequent empanelment on the above portal and subportal is mandatory.
- 1.4 Rate Contract Offer documents can be purchased only online from www.mptender.gov.in by making online payment of portal fees etc.
- 1.5 It is the discretion of the Managing Director of the Corporation to accept/reject the application without assigning any reason thereof.
- 1.6 BID in hard copies received after due date and time as stated above will not be accepted. When BID are delivered through messenger, the same should be deposited in the Rate Contract Offer box kept in the Marketing section of the Corporation on working days and during working hours.
- 1.7 The M.P. State Agro-Industries Development Corporation Ltd, will not be responsible for delay in receipt of Bid on any account whatsoever. If BID is received after specific date and time, even if the delay is caused in postal transit, or any other reason whatsoever, the same shall not be considered and the BID will be rejected.
- 1.8 BID received over fax, e-mail, courier, post etc. shall not be considered.
- 1.9 Applicants are required to submit online bid through portal www.mptender.gov.in and pay Rate Contract offer fee & EMD online. Only hard copies of Rate Contract offer submitted online will be accepted.

#### 2. SUBMISSION OF RATE CONTRACT OFFER:

2.1 Corporation invites online Rate Contract Offer for supply of material as mentioned in **(Annexure III).** The Bidder will have to get themselves registered with www.mpternders.gov.in for E-Rate Contract offering, without registration BID cannot be uploaded on portal. To participate in Online Rate Contract Offer interested Bidder will be required Registration at Portal based on the rules and regulations of the Government. An amount of Rs 11800/- (non-refundable) as Rate Contract Offer fees to be deposited online through website www.mptender.gov.in that is to be paid by Bidder for registration under www.mptender.gov.in

2.2 All the mandatory documents duly self-Certified with signature and seal (rubber stamp) shall be uploaded in PDF format only which are clearly in the form of readable and printable. Document uploaded in other format and/or is not clear to read and understand the content the offer from offrers shall be Reject. (Annexure - V)

#### 3. OPENING OF TECHNICAL BID:

Soft copies uploaded (and hard copies submitted, if any) up to due date and time will be opened on due date and time as mentioned in (Annexure III) In case of any non clarity of uploaded documents or any dispute over documents uploaded online and/or hard copies submitted in E- Rate Contract Offer, the offer may be liable for rejection.

#### 4. DELAY IN SUBMISSION:

The Corporation will not be responsible for any delay, whatsoever the reason, in receipt of Rate Contract Offer. If the BID is received after the scheduled date and time, even if the delay was caused in postal transit or any other reason, whatsoever, the bid shall be liable for rejection.

#### 5. CHANGE IN OPENING SCHEDULE:

Online Rate Contract Offer will be opened on due date and time as mentioned in (Annexure - III) point B in the presence of the representative of firms who wishes to be present. However if the date and time of opening of Technical Bid is changed due to any unforeseen reason the revised date and time of opening will be displayed on Portal/website of the corporation.

## 6. MODUS OPERANDI FOR THE PURCHASE & SALES OF THE ITEMS & QUOATING RATES BY BIDDER:

- (i) The items for which Rate Contract offer is called, to be supplied to Director Agriculture/ Director Agriculture Engg./Seed processing societies for their own farm/ center located at various places in MP. Bidders are suppose to make deliveries at various places as per order after rates are finalized.
- (ii) Bidders are required to quote their selling rate to Corporation with the intention that Corporation will load its own margin (5% + GST) to the prices quoted by Bidders.
- (iii) Bidders are required to upload their rates online in the format prescribed for it.
- (iv) Rate list to be uploaded will be rates with GST & rate without GST. Corporation margin & GST shall not to be included in this format.
- (v) Rates offered to the Corporation should not be treated as rates to end user. Instead the Corporation will work as dealer of the manufacturer. Manufacturer will be free to appoint their Sales Representative, other Dealer for after sales service & stocking purposes etc. Manufacturer can also incur expenses for sales promotion etc. as per their own policy. But, it is mandatory for the Manufacture to ensure after-sales-services to the enduser during the warranty/guarantee period.
- (vi) On the several occasions manufacturers do not quote lower rate to Corporation due to Price fall Clause executed by them with other organization. Difference between price quoted to the Corporation & price quoted to other organization (for ultimate consumer) must be differentiated clearly that rate quoted to Corporation is the dealer rate.

- (vii) Corporation has full liberty to reduce or increase its margin at any time without consent from bidder. Managing Director's decision will be final & binding for all parties.
- (viii) The bidder should quote their lowest price, on the basis of which, supply orders will be issued to the selected supplier.
- (ix) Corporation has full rights to place orders on other suppliers in case the supplier who have given the supply orders is unable to supply material within stipulated time schedule decided by Govt./Corporation. In such cases, the additional expenditure incurred by the Corporation, if any, shall be recovered from such suppliers who failed to execute the orders.

#### 6. (A). ACCPTANCE OF OFFER:

The Corporation will Accept the offer from only those Eligible Offers whose offers rate will be within the Limit of L-1+15%.

#### 7. NEGOTIATION AND SELECTION OF FIRMS:

- 7.1 It is clarified that normally, no rate negotiation will be done and therefore the offerer should quote their lowest prices only. However if rate received is not reasonable than on recommendation of committee, the Managing Director of the Corporation may decides to give counter offer of the rates decided by the corporation.
- 7.2 **SELECTION OF FIRMS**: The Managing Director of the Corporation will decide the modus operandi for the selection of Offerer for Rate Contract. It should be noted that the Corporation may select one or any number of firms to get in to Rate contract with Lowest Bidder (L-1) and/or to all other eligible bidder who have offered rates within the limit of L-1+15%. The decision of the Managing Director of the Corporation shall be final and binding to the Offerer.

#### 8. EXECUTION OF AGREEMENT:

- (a) The Corporation will intimate the successful Bidder regarding acceptance and request to execute the agreement in given time limit. In case the Bidder fails to execute agreement within the prescribed time limit, the EMD submitted along with the Rate Contract Offer shall stand forfeited.
- (b) The successful Bidder shall have to execute an agreement as per **Annexure-XI** with the Corporation on non-judicial stamp paper of Rs. 1000/-, expenses shall be borne by the bidder.
- (c) The agreement is to be executed on an e-stamp paper only. Court fee stamps or pre-printed stamp papers are not allowed.

#### 9. EARNEST MONEY DEPOSIT:

- A. (i) The Rate Contract Offer should accompany the Earned Money Deposit (EMD) as per clause C (Annexure-III)
  - (ii) Earnest Money of all unsuccessful Bidders will be return.
  - (iii) Earnest Money of all Successful offerers will be adjusted in Security Deposit.
  - (iii) No interest is payable on the amount of Earnest Money at the time of refund.
- B. Earnest Money shall be forfeited if:-
  - (i) Deposit (EMD) is liable to be forfeited if the bidder withdraws or

- amends or impairs or derogates from the bid in any respect within the validity of the bid or is open for acceptance whether originally fixed or extended.
- (ii) No interest shall be payable by the Purchaser on the Earnest Money/Bid Guarantee to the Bidder.
- (iii) The Earnest Money shall remain deposited with the Purchaser/Corporation during the validity period as mentioned, from the date of opening of Rate Contract Offer. If the validity of the offer is extended, EMD validity period deemed extended.
- (iv) Earnest money of successful Bidder will be adjusted as Security Deposit (SD) on execution of the agreement.

#### 10. SECURITY DEPOSIT (SD):

- (i) Successful Offerers have to deposit Security Deposit of Rs 25 Lakhs before the execution of Agreement. The Amount of EMD of Successful offerers will be adjusted in Security Deposit.
- (ii) The Security Deposit shall remain deposited with the Corporation during the validity period of Agreement. If the validity of the agreement is extended, SD validity period deemed extended.
- (ii) The Security Deposit (SD) will remain with the Corporation during the currency of the Rate Contract offer and till successful execution of all the order placed during the currency of the Rate Contract and will be refunded to the supplier without interest after completion of the warranty/guarantee period as well as on receipt of satisfactory report/NOC from the purchaser/end-user.
- (ii) Security deposit will be forfeited in case of failure of supply of the material as mentioned in the purchase order, and/or for any breach of terms and condition of the agreement and Rate Contract Offer.

#### 11. MINIMUM TECHNICAL SPECIFICATIONS OF ITEMS

Minimum Technical specifications of the items covered in this Rate Contract Offer are the same as they are defined in (Annexure - IV).

#### 12. PLACEMENT OF ORDER

Head Office / Regional Manager / Branch Manager of the Corporation shall place purchase order to the approved supplier.

#### 13. SCHEDULE AND MODE OF SUPPLY / DELIVERY

- (a) The Bidder has to supply and deliver the ordered quantity within time period as mentioned in the order. Failure on the part of the Supplier for timely supply, shall lead to forfeiture of Security Deposit and the Rate Contract Offer shall stand cancelled and agreement shall be terminated. Corporation can also claim loss of goodwill as deemed fit and the same shall be payable by the Bidder.
- (b) If the indenting authority suffers any loss due to inordinate delay in effecting supply/ dispatch, or arrival of the material at the destination and/or delay in installation and commissioning of the machine complete in

all respect, the same shall be the responsibility of the Bidder who shall make good the entire loss suffered by the indenting authority. The Managing Director will assess and intimate the Bidder the extent of loss, and the same shall be acceptable to the Bidder. The supplier shall ensure that the ordered material being supplied will reach the consignee at destination in good condition. As such it will be the sole responsibility of the supplier to ensure desired quality and standard of the material.

- (c) The ordered item as specified in order shall be in conformity with approved size, quantity, quality and as per specifications mentioned in **Annexure-IV** and elsewhere of the Rate Contract Offer documents. Material shall be supplied in batches in any or all the sizes and in quantities as per delivery schedule ordered by the ordering authority of the Corporation. The delivery schedule may however be revised by the ordering authority, if warranted by exigency of the work. The successful Bidder shall be bound to effect deliveries in accordance with the changed supply schedule without claiming revision in rates. The dates of supply shall be the date on which the consignment reaches the required destination and commissioned, complete in all respect.
- (d) Ordered item may be required to supply securely packed so as to withstand rough handling and protection from vagaries of nature during transit to the consignee through District Manager office of the Corporation as per dispatch order to be given by the Head office/Regional Manager/Distt. Manager of the Corporation,
- (e) Relevant L.R. shall be sent free and direct to the consignee (s) freight paid. The order No. of Corporation should be mentioned in the bill, against which the material is supplied.
- (f) The M.P. State Agro-Industries Development Corporation Limited shall not be responsible for damages, losses, thefts, pilferage, fire, accidents and demurrages etc. if any, incurred to the consignment during transit and these shall be borne by the supplier. Delay in supply and commissioning due to the damages, as mentioned above, may not considered, in case the material is required by the consignee in exigency.
- (g) The dispatch of consignment shall be immediately communicated to the indenting Head office/Regional Manager/District Manager of the Corporation as well as Consignee with the relevant details of L.R. and Bill Nos.
- (h) <u>Transit Insurance</u>: 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 (**RRTPND**).

#### 14. WARRANTEE:

The items mentioned in this RCO are covered under warranty for TWO YEARS from the date of successful supply and commissioning of all items, complete in all respect. The Bidder has to declare minimum 2 Years warrantee. Item supplied by the supplier against any manufacturing defect from the date of Installation. 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.

#### 15. TRAINING:

If required the supplier will impart training at least for two days to the purchaser and/or the concerned person/staff/officers of the Corporation for proper operation and maintenance of Items Supplied.

#### 16. AFTER SALE SERVICE:

- a. The Manufacturer shall provide proper after sales service to the purchaser during warranty period.
- b. It shall be the responsibility of the supplier 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 Bidder shall keep necessary stock of such fast/slow moving parts on consignment with their stockiest. Quantity and location of stocking points of such items shall be decided by the Bidder as per advice of Regional Managers of this corporation.
- c. The supplier shall also make arrangements for repair and after sale service of machinery/equipment within seven (7) days from registering the complaint and in any case, shall be ensured that the repair work is completed within time frame granted by the Purchaser/Corporation. The supplier shall also make arrangements for repair and maintenance of machinery/equipment required on continuous basis after expiry of the warranty period and for this purpose, shall ensure that minimum repairs/maintenance cost is levied on the purchaser.

#### 17. RIGHT TO REFUSE/REJECT THE SUPPLIES:

- (a) Ordered item shall conform to the quantities, qualities and as per specifications mentioned in the supply order. The Corporation reserves the right to refuse to accept the supplied item, if found:-
  - (i) The items inferior in quality, not in proper packing or not conforming to the specifications mentioned in **Annexure- IV.**
  - (ii) The items 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 and/or the supply not accepted by the Consignee/Corporation, the material 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 loss incurred due to delay in lifting the materials beyond the granted period/time.
- (c) If the material fails in the testing.

#### 18. <u>DEFECTIVE SUPPLIES:</u>

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 Bidder 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 granted by the Corporation, Corporation shall be freelist the

Bidder besides recovery of entire loss from the bidder due to supply of substandard/defective material.

#### 19. PAYMENT:

The supplier has to execute the supply orders, including supply and commissioning complete in all respect within 90 days from the date of issue of order of the Corporation. The payment shall be released on "Payment after Payment" basis after statutory deduction of taxes as per following manner as follows:

**19.1 80% Value of Work Order**- The Corporation shall release 80% of Work-order value on receipt of the ordered material in full quantity in good condition at the desired site of the consignee, subject to receipt of payment to Corporation

#### 19.2 20% Value of Work Order

19.2.1 Remaining 15% shall be released after one month from the date of, commissioning of material complete in all respect and trial run. Remaining 5% payment shall be released after the expiry of warranty period of two years.

Or

- 19.2.2 20 % of Work-order value shall be released on submission of Bank Guarantee termed as Security Deposit/performance guarantee of equivalent amount which shall be valid till expiry of the warranty period. The requisite Bank Guaranty should be from any Nationalized Bank in favour of "M.P. State Agro Industries Development Corporation Limited Bhopal".
- 19.2.3 Release of the Bank Guarantee (Security Deposit), will be considered only on submission of requisite certificates of satisfactorily working of the systems issued by the consignee/purchaser during warranty period.
- In case the manufacturer/bidder fails to extend after sales service on time thereby the consignee/purchaser is not satisfied with the services during warranty period and/or the machinery is not working satisfactorily at the time of expiry of the warranty period, the bank guarantee may be forfeited, under intimation to the bidder.

#### 20. TO IMPOSE PENALTIES:

In case the supplier does not produce the ordered material within the specified time limit (Subject to Condition of Completion of Necessary Technical Civil and Electric Work by the Consignees at the Place of Installation) the penalty will be imposed as under:-

No	WEEKS (delay)	Rate of penalty imposed
1	1st to 2nd week	0.25% per week
2	3 rd to 4th week	0.50% per week
3	5 th to 6 th week	0.75% per week
4	7 th to 8 th week	1.00% per week
5	9 th to 10 th week	1.25 % per week and/or the order will be
		cancelled
6	11 th to 12th week	1.50 % per week for the entire period of delay
		and/or cancelling the orders.
7	In Case the supplier delayed	Cancelling the supply order. Forfeiture of
	the supply more than 12 weeks	Security Deposit as per Clause 10 of RCO
	or refuse to supply the ordered	document
	material	

#### 21. PRICE ESCALLATION CLAUSE:

The price escalation is only allowed in case the variation is occurred due to changes in GST or any levies/taxes declared by the regulatory authority. Bidder can revise rates accordingly under intimation to Corporation and shall be mentioned in the bills separately. Escalation of price due to any other reason, whatsoever, shall be not allowed.

#### 22. Inspection of Manufacturing Facilities and Material

Corporation May decide to inspect the Manufacturing Facilities of the Application at any time before/ after execution on agreement or before supply of the material or at the consignee's site.

#### 23. RANDOM TESTING OF COMPONENTS:

Corporation/Department may select sample by random checking of any or all components of material received at the destination / site and have rights to send it to any recognized institute for testing. The cost of such testing at the recognized institute including cost of material shall be borne by the supplier.

#### 24. BRAND NAME:

The Bidder is entitled to claim only one brand name for the purpose of this Rate Contract offer. Regarding brand name, certificate of brand name, if any, issued by competent authority for this purpose should be made available, however the Corporation will not be liable for any dispute on account of brand name or of any kind.

#### 25. SUBMISSION OF REQUIRED DOCUMENT:

It is obligatory for the Bidder to submit all the necessary documents as mentioned in Annexure-V and mentioned elsewhere in Rate Contract Offer document duly self-attested and affixed with office seal. All formats should be filled in completely, in all respect.

#### 26. ACCEPTANCE/REJECTION OF RATE CONTRACT OFFER:

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

#### 27. FORCE MAJEURE CLAUSE:

The Force Majeure Clause will be applicable in the following circumstances -

- (a) Natural phenomenon including but not limited to adverse weather condition, floods, draught, earthquake and epidemics.
- (b) Acts of government authority domestic or foreign including but not limited to war declared or properties, quarantine restriction.
- (c) Accidents or distraction including but not limited to fire, explosion, break downs at essential machinery equipment and power shortage.

#### 28. PURCHASE PREFERENCE:

The following rules are applicable only on those items & product which will be approved by committee constituted by M.P. Govt. store purchase rule 2015 (revised 2022) against rule 31 as per store purchase rule.

- (a) In case lowest rate received from the Bidder situated out of Madhya Pradesh. As per the provision made in State Purchase rule 25 to 50 percent (according to the production capacity) will be placed with bidder/bidders whose Production unit situated in Madhya Pradesh (Micro/ Small Industries) and who quoted Rates in bend of L-1+15% (First three bidders of Madhya Pradesh), only if, they are agreeable to supply the material in time and on lowest rate so received. Price preference of any kind will not be allowed (This clause will be applicable to only those Manufacturers of Madhya Pradesh)
- (b) As per the policy of the State Government in respect of purchase of items through Micro / Small Industries purchase preference, minimum to the extent of 4% out of 25% of the required quantity shall be given to those manufacturing units of M.P belonging to the SC/ST entrepreneurs. A self-certified copy of certificate issued by the District Trade Industries Center (D.T.I.C) in this regard should be attached at the time of submission of tender. Price preference of any kind will not be allowed.
- (c) As per the policy of the State Government in respect of purchase preference, minimum to the extent of 3% out of 25% of the required quantity shall be given to those manufacturing units of M.P belonging to Female entrepreneurs (Ownership). Preference will be given to Micro / Small Industries run female Self Help Group A self-certified copy of certificate issued by the District Trade Industries Center (D.T.I.C) in this regard should be attached at the time of submission of tender. Price preference of any kind will not be allowed.

#### 29. CORPORATION AS DEALER:

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

#### 30. ARBITRATION:

As far possible, all dispute arising out of this agreement will be settled by the mutual discussion and decision taken by the Dy.General Manager (Mktg) of the Corporation will be final and binding on both the parties.

In case dispute is not settled mutually, then the same shall be referred to the arbitration. Arbitration and conciliation Act, 1996 shall apply to the proceedings before the Managing Director of the Corporation who shall be sole arbitrator. The decision of the arbitrator shall be final and binding on the parties.

The judicial arbitration, if any, will be considered under the jurisdiction of Bhopal Court, only.

#### 31. RATE CONTRACT OFFER EVALUATION:

During Rate Contract Offer evaluation, Corporation may, at its discretion, ask the Bidder for a clarification of its RCO and the documents attached thereto. The request for clarification as well as the response and clarification shall be in writing.

#### 32. RATE CONTRACT OFFER VALIDITY:

The rates finalized against this Rate Contract Offer shall be valid for a period of Three Month from the date of finalisation of Rate Contract offer. It will be at the discretion of CORPORATION to extend the validity period .

**MINOR MISTAKES IN RATE CONTRACT OFFER:** The Corporation may waive any minor nonconformity, or typographical errors in the RCO document that does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder. Right to waive-off or not to waive-off mistakes in any or all RCOs shall remain with the Managing Director of Corporation and shall be bind to all.

#### 34. TRANSFERABILITY:

The Rate Contract Offer is not transferable to anybody, at any circumstances.

#### 35. RIGHT TO CHANGE CONDITIONS OF RATE CONTRACT OFFER:

The Corporation reserves the right to reject or accept any Rate Contract Offer in whole or in part on account of credentials, technical capability, past performance or any other evaluation criteria to ensure uninterrupted supply of material. The decision of Corporation in this regard will be final, binding to all and Corporation is not liable to assign any reasons for the decision.

#### 36. PARALLEL RATE RATE CONTRACT OFFER:

- (i) The Corporation reserves the right (a) to enter into parallel Rate Contract offer (s) simultaneously or at any time during the period of the Rate Contract offer with more Bidders as the Corporation may think fit, and (b) to place ad-hoc Rate Contract offer or Rate Contract offers simultaneously at any time during the validity period of this Rate Contract offer with more supplier(s)/ Bidder(s) for such quantity and such item as the competent authority of the Corporation, whose decision shall be final and may determine.
- (ii) Corporation shall have the liberty to execute Rate Contract offer with other parties participated in the Rate Contract offer at the lowest rate for future supplies beyond the quantities mentioned in Rate Contract offer.

#### 37. INSPECTION FOR QUALITY:

- (i) Third party inspection of RCO items by those Government Agency which approved by Quality Council of India /N.A.B.C.B. such as DGS&D (under Department of commerce & industries Govt of India), RITES (Enterprises of Department of Railways Govt of India), PDIL (Organization under Department of Chemical and fertilizer Govt of India), ICAR CIAE (Institute under the Department of Agriculture Govt of India), EIC (under Department of commerce & industries Govt of India), EIL (Public Enterprises under petroleum & Natural gas Department Govt of India), or any Government Engineering College or any Government Agency at factory address given by the offerer in annexure VI, before dispatch of the material. The inspection cost shall be borne by the supplier.
- (ii) To certify any materials or part thereof submitted for inspection that they are not in accordance with the contract owing to the adoption of any unsatisfactory method of manufacture; MP State Agro may discretionally exercise the power to constitute a committee consisting of external subject matter experts for the purposes of inspection of materials supplied by the manufacturer.
- (iii) To reject any materials submitted as not being in accordance with the particulars/ terms and conditions of the RCO and supply order.
- (iv) To reject the whole of the installment, if after inspection of such portion thereof as it may in its discretion thinks fit, it is satisfied that the same is unsatisfactory.
- (v) The Inspecting Officer's decision as regards the rejection shall be final and binding on the Supplier.
- (vi) MP AGRO reserves the right to inspect the materials to be dispatched / in Transit / already delivered at any time and at anywhere. MP AGRO also have rights to inspect the raw materials used for manufacturing, process of manufacturing, quality policy fixed and testing facilities for the product to be supplied by the supplier at the supplier's premises.
- (vii) Cost of Test: The supplier is liable to pay for any Test done on the product
- (viii) supplied for conformity on quality.
- (ix) All material supplied under this Rate Contract Offer will compulsorily inspected by Third Party approved by the Corporation for this purpose.
- (x) Expenses, if any, related to the Inspection for quality as well as third party inspection shall be borne by the bidder.
- (xi) Inspection Reports shall be submitted by the bidder along with bills for releasing payments.

#### 38. RISK PURCHASE CLAUSE:

CORPORATION reserves the right to make emergent purchase in case of failure of supply/ rejected supply either in part or full as per demand placed by the CORPORATION and amount paid of such purchases should be adjusted from the supplier's Bill and may take following punitive actions.

- a) Fine to the tune of 2% of total amount or the actual loss incurred, whichever is higher, for the supply not made/ degraded supply made may be imposed on the total value of the material for non-supply of material as per supply order/RCO. The fine amount will be deducted from the bills submitted or shall be recovered from the supplier/bidder.
- b) Repeated occurrence of such events during the Rate Contract offer period will be treated as breach of agreement and therefore lead to cancellation of Rate Contract offer by the Corporation at any time after serving warning on the supplier/bidder. The cancellation of Rate Contract offer will automatically come into effect from the last working hour of the date of serving the last warning. On such event of cancellation the supplier will be black listed and will not be allowed to participate in any Rate Contract offer and further supply, for a period of one year. On event of cancellation of Rate Contract offer the security deposit available with the Corporation will be forfeited.

#### 39. WITHHOLDING AND LIEN IN RESPECT OF SUMS CLAIMED:

Whenever any claim or claims for payment of a sum of money arises out of or under the Rate Contract offer against the bidder, CORPORATION shall be entitled to withhold and also have a lien to retain such sum or sums in whole or in part from security, if any, deposited by the bidder and for the purpose aforesaid, CORPORATION shall be entitled to withhold the said cash security deposit or the security, if any, furnished as the case may be and also have a lien over the same pending finalization or adjudication of any such claims. In the event of the security being insufficient to cover the claimed amount or amounts or if no security has been taken from the bidder, MP AGRO, shall be entitled to withhold and have lien to retain to the extent of the such claimed amount or amounts, from any sum or sums found payable or which at any time thereafter may become payable to the bidder under the same Rate Contract offer or any other Rate Contract offer with CORPORATION pending finalization or adjudication of any such claim.

#### **40. CORRUPT PRACTICES:**

Supplier is expected to observe the highest standard of ethics during the execution of this Rate Contract Offer. If the supplier has engaged in corrupt or fraudulent practices, in competing for or in executing the Rate Contract offer, CORPORATION may, after giving notice to the supplier, terminate the Rate Contract offer. In pursuit of this policy, MP AGRO:-

- **a.** Defines, for the purposes of this provision, the terms set forth below as follows:
  - (i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action in the procurement process or in Rate Contract offer execution; and
  - (ii) "fraudulent practice" means a misrepresentation of facts in order to

influence a procurement process or the execution of a Rate Contract offer to the detriment of CORPORATION and includes collusive practices among bidders (prior to or after bid submission) designed to get itself short listed for participating in the bidding process, to establish bid prices at artificial, non-competitive levels and to deprive the Corporation of the benefits of free and open competition;

- **b.** Will reject a proposal for award if it determines that the Bidder being considered for award has engaged in corrupt or fraudulent practices in competing for the Rate Contract offer.
- **c.** In the same manner as above, if bidder observes any corrupt practices or "fraudulent practice" in MP AGRO, he should report to Managing Director only.

#### 41. BREACH OF RATE CONTRACT OFFER:

Any breach of the terms & conditions mentioned in this Rate Contract Offer document and supply order by the bidder/Supplier, or any one employed by him or acting on his behalf (whether with or without the knowledge of the Supplier) or committing of any offence by the Supplier or by any one employed by him or acting on his behalf under Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1988 or any other act enacted for the prevention of corruption by public servants shall entitle the Corporation to cancel the Rate Contract offer and all or any other Rate Contract offers with the Supplier and to recover from the Supplier the amount of any loss arising from such cancellation.

#### 42. TERMINATION OF RATE CONTRACT OFFER:

CORPORATION may initiate process for termination of Rate Contract offer in the following event of default:

- (i) Breach of any of the terms or conditions or obligation of Rate Contract offer on part of Supplier / his employees / agents.
- (ii) Any major material alteration in the agreed upon specification (if any) of the product to be supplied without the authorization of CORPORATION and / or competent authority.
- (iii) CORPORATION at their discretion may call for any record to satisfy itself regarding supply of material to catering units. The supplier shall provide every help/ document related to MP AGRO, failing which it may amount to breach of condition of the Rate Contract offer.
- (iv) The Supplier being adjudged bankrupt/ insolvent or a trustee/ receiver being appointed on the Supplier.
- (v) Repudiation of agreement by Supplier or otherwise evidence of intention not to be bound by the agreement.
- (vi) CORPORATION at their discretion may call for any record to satisfy them regarding the supply and Supplier will provide every help failing which it may amount to breach of condition of the Rate Contract offer.

#### 43. AMENDMENTS TO BID INVITATION:

The CORPORATION reserves the right, to make revisions or amendments to the bid documents, when deemed necessary, prior to the closing date of the bid, through proper notification or web-site. The bidders must watch Corporation web site for any such amendments. The Corporation shall be at liberty to consider extending the date set for the bid opening by such a number of days as in the opinion of the Corporation will enable the bidder's to revise their bids.

#### 44. AUTHORITY TO SIGN BID DOCUMENTS:

A person signing the Rate Contract Offer or any other document in respect of the Rate Contract offer on behalf of the supplier without disclosing his authority to do so shall be deemed to warrant that he has authority to bind the Supplier. If it is discovered at any time that the person so signing has no authority to do so, the Corporation, may, without prejudice to any other right or remedy of the Corporation, cancel the Rate Contract offer and make or authorize making of a purchase of the materials at the risk and cost of such person, and hold such person liable to the Corporation for all costs and damages arising from the cancellation of the Rate Contract offer including any loss which the Corporation may sustain on account of such purchase.

**45.** Only Bhopal Court shall have jurisdiction.

MANAGER (MARKETING)

#### THE MADHYA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED

#### LETTER OF UNDERTAKING AND DECLARATION

We
We undertake to supply such quantities of material as per Specification as mentioned in Rate Contract Offer, 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 Rate Contract offer 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. 5,00,000.00 (Five Lakh only) Shall be paid Online and Rs. 25,00,000.00 (Twenty Five Lakh only) in the form of Demand draft specified in the Rate Contract offer Documents is herewith forwarded as Earnest Money and Security Deposit which shall be retained by The MP State Agro Industries Development Corporation Limited, on account of Security Deposit as specified in the RCO of the said conditions of Rate Contract offer required this Rate Contract Offer be accepted.
"I have read and fully understood the terms and conditions of supplies etc. mentioned in the documents of RCO.
Name :
Designation:
(Signature with Office Seal)
Witness: 1.
2. THE ABOVE RATE CONTRACT OFFER IS HEREBY ACCEPTED BY ME ON BE HALF OF
M/s

SIGNATURE OF THE ACCEPTING ATHURITY

Note: Letter of acceptance of Rate Contract Offer is to be submitted on non judicial stamp of Rs 500.00



# THE MADHYA PRADESH STATE AGRO INDUSTRIES DEVELOPMENT CORPORATION LIMITED

"PANCHANAN" 3rd FLOOR, MALAVIYA NAGAR, BHOPAL Phone (0755)- 2551652, 2551756, 2761392, Fax: 0755-2557305

## FINANCIAL BID FORMAT

S.	Name of Item	Model	HSN	Basic	GST	Corporation
No.			Code	Price	Amount	purchase price
						(5+6)
1	2	3	4	5	6	7
A.	Seed Processing Unit (Capacity 1	ГРН) (Bas	sed on wh	<u>eat)</u>		
1	V.B. Elevator upto 2 TPH for Greder					
2	Dump Hopper Size: 2000 mm x 1000 mm capacity 200 kg					
3	Surge Hopper & Dust Aspiration cap. 500 kg on Seed Greder					
4	Seed Grader upto 1 TPH Wheat Based should having Capacity of 5.00 HP					
5	V.B. Elevator upto 2 TPH for indent Cylender					
6	Indented cylinder with Shaking by pass arrangement 2 TPH					
7	Surge Bin for Indented cylinder Capacity 200 kg					
8	V.B. Elevator upto 2 TPH for Specific Gravity Separator					
9	Specific Gravity Separator 1-2 TPH					
10	Surge Bin for Specific Gravity Separator					
11	Additional Screen for Gravity Separator					
12	Electric Panel MI MIC Type					
	Total Cost of Plant -					

A.	Seed Processing Unit (Capacity 2	ГРН) (Bas	sed on wh	<u>eat)</u>		
S. No.	Name of Item	Model	HSN Code	Basic Price	GST Amount	Corporation purchase price (5+6)
1	2	3	4	5	6	7
1	V.B. Elevator upto 3 TPH					
2	Dump Hopper Size: 2000 mm x 1000 mm					
3	Seed Cleaner 3 TPH					
4	Additional Screen for Seed Cleaner					
5	Surge Hopper & Dust Aspiration cap. 300 kg					
6	Seed Grader upto 2 TPH					
7	Additional Screen for Seed Grader					
8	Indented cylinder with Shaking by pass arrangement 2 TPH					
9	Specific Gravity Separator 2-2.5 TPH					
10	Recycling of middling product					
11	Destoner 2 TPH					
12	Seed Treator (mistomatic Type) 2 TPH					
13	Storage Bin for final packing 4 Ton					
14	Electric Panel MI MIC Type					
15	Collection system of rejection material.					
	Total Cost of Plant -					

В.	Seed Processing Unit (Capacity 4	ГРН) (Bas	sed on wh	<u>eat)</u>		
S. No.	Name of Item	Model	HSN Code	Basic Price	GST Amount	Corporation purchase price (5+6)
1	2	3	4	5	6	7
1	V.B. Elevator upto 6 TPH					
2	Dump Hopper Size : 2500 mm x 2200 mm					
3	Seed Pre-Cleaner 5-6 TPH					
4	Additional Screen for Seed Pre-Cleaner					
5	Surge Hopper & Dust Aspiration cap.500 kg					
6	Seed Grader upto 4 TPH					
7	Additional Screen for Seed Grader					
8	Indented cylinder with Shaking by pass arrangement 4 TPH					
9	Specific Gravity Separator 4 TPH					
10	Recycling of middling product					
11	Destoner 4 TPH					
12	Seed Treator (mistomatic Type) 4 TPH					
13	Storage Bin for final packing 8 Ton (4 Ton x 2)					
14	Electric Panel MI MIC Type					
15	Collection system of rejection material.					
	Total Cost of Plant -					

C.	Seed Processing Unit (Capacity 5T	PH) (Base	ed on wh	<u>eat)</u>		
S. No.	Name of Item	Model	HSN Code	Basic Price	GST Amount	Corporation purchase price (5+6)
1	2	3	4	5	6	7
1	V.B. Elevator upto 7.5 TPH					
2	Dump Hopper Size: 2500mm x 2200mm					
3	Seed Pre-Cleaner 7-8 TPH					
4	Additional Screen for Seed Pre-Cleaner					
5	Surge Hopper & Dust Aspiration cap. 500 kg					
6	Seed Grader upto 7 TPH					
7	Additional Screen for Seed Grader					
8	Indented cylinder with Shaking by pass arrangement 5 TPH					
9	Specific Gravity Separator 5 TPH					
10	Recycling of middling product					
11	Destoner 4-5 TPH					
12	Seed Treator (mistomatic Type) 4-5 TPH					
13	Storage Bin for final packing 10 Ton (5 Ton x 2)					
14	Electric Panel MI MIC Type					
15	Collection system of rejection material.					
	Total Cost of Plant -					

Signature & Seal of the Offerer

#### **DECLARATION OF BLACKLISTING**

I/We M/S hereby declare that
neither I/We nor our Start-up or our parent, subsidiary or associate Company under
direct or indirect common parent is/are presently nor in the past been placed on any
Black list / Debar/Penalized by any Public Sector Company in India or by any
Department of any State Government or Central Government. It is also declared that
there is no inquiry and/or legal proceedings pending at the level of any Public Sector
Company in India or any Department of any State Government or Central Government,
against us or our parent, subsidiary or associate Company as aforesaid in India, in
respect of criminal, corrupt or fraudulent practice(s).

It is understood that if this Declaration is found to be false, the Corporation shall have the rights to reject my/our proposal, and if the proposal has resulted in an investment, the investment agreement is liable to be terminated without prejudice to any other right or remedy (including Black list / Debar/Penalized) available to the Corporation.

Place:

Date:

Seal & Signature of the Bidder or their authorized Representative

**NOTE:** This declaration should be furnished on company's "Letter Head" in original.

#### DRAFT AGREEMENT

## (THIS AGREEMENT TO BE FURNISHED AFTER THE BID IS ACCEPTED ON NON JUDICIAL STAMP RS. 1000/-)

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.

# M/s. ------ having its office at ----- (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, INSTALLATION & COMMISSIONING OF SEED PROCESSING PLANT (CAPACITY - .......... TPH) ON TUNRKEY BASIS AT VARIOUS PLACES IN MP FOR THE YEAR 2022-23. 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 Rate Contract 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.

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<ul> <li>The terms &amp; conditions of the Rate Contract offer Document</li> </ul>
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- b) Specifications of seed processing plant.
- c) The letter of acceptance dated -----
- d) The RATE CONTRACT 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 LTD
Name & Signature	MANAGER MARKETING
Office Seal	
Witnesses	
1.	
2.	

## FORMAT FOR C.A. CERTIFICATE FOR TURN OVER

	We have verified the bool	ks of accounts and other relevant records of				
M/	s	Based on my				
vei	rification and as per the inform	nation and explanation given to us, we certify				
fin	ancial turnover of M/s	as under :-				
r						
	Year	Turnover Rs In Lakhs				
	Financial Year 2020-21					
	Financial Year 2021-22					
	Financial Year 2022-23					
	Total					
Fo						
Charted Accountant						
Pla	.ce:	Seal and Signature				
Da	te:					
	(to be subm	nitted on CA's letter head)				