

Date: 27 January, 2026

To,  
The Project Director  
Hon. Balasaheb Thackeray Agri-business and Rural Transformation (SMART) Project  
Maharashtra

**Subject:** Highlighting the unjust and discriminatory tender condition

Dear Sir/Madam,

I write to bring to your urgent attention about the **unjust and restrictive conditions in grading and sorting equipment tenders issued through the SMART Project.**

When SMART tenders are issued, the clear intention conveyed is to invite new technologies and advanced solutions so that farmers, FPOs, business owners and exporters receive real value and benefits. However, the language and conditions used in the previous and present tenders suggest otherwise.

By mentioning a particular software developed by a single company available in their machines only is making this one-horse race. Post harvest technologies today include vast types of softwares, different companies owning different softwares and many world class systems. Yet the tender conditions explicitly mention only one specific software without any technical justification. This is in direct contradiction with the mandate of encouraging competitive, inclusive and high value technological participation.

I refer specifically to the previous tenders:

- **RFB No.: SMART/ KRISHIPRENEURS /Goods/10/2022-23** and **RFB No.: SMART/LMK FPC/Works/02/2023-24** issued in 2023
- **E-Tender Notice No.: 2024\_DOAWB\_1012378** in 2024
- **E-Tender Notice No.: 2025\_DOAWB\_1234989** and **E-Tender Notice No.: 2025\_DOAWB\_1263546** in 2025

These tenders are attached for reference and possibly more exist which have this same **restrictive qualification favouring this one proprietary software.**

Why is participation limited to one software? Why are other qualified software excluded? What does this one software have which the other lacks? Correct me if I'm wrong but technical specifications should define what performance is required, not dictate who the supplier must be.

This letter is submitted with full respect and responsible professional concern. I request that the SMART Project team **revisit the tender qualification parameters** to ensure open, competitive and fair participation for all capable technology providers.

I sincerely hope that my concerns are reviewed seriously and action is taken.

Yours sincerely,

On behalf of every affected technology provider

**E-2**  
August -23

**PROCUREMENT OF GOODS UNDER  
LOCAL COMPETITIVE BIDDING  
FOR  
FOUR LANES OPTICAL ORANGE GRADING, WASHING & WAXING MACHINE  
10 TPH**

**KRISHIPRENEURS FARMER PRODUCER COMPANY LIMITED**  
C/o Shri Pravin Sampatrao Shirbhate At. Po. Hiwarkhed, Tq- Morshi, District-  
Amravati

**UNDER  
Hon. Balasaheb Thackeray Agribusiness Rural Transformation (SMART)  
Project**

**(Two -Envelope Bidding Process without e-Procurement**

Note: Only important pages showing tender name and supply requirements are shared as there's a file size limit on attachments. Rest there are no changes made with content.

## **TENDER NOTICE**

**Hon. Balasaheb Thackeray Agri-business & Rural Transformation Project (SMART)**  
Govt. of Maharashtra is implementing World Bank assisted Hon. Balasaheb Thackeray Agribusiness And Rural Transformation (SMART) Project for developing Agriculture Commodity value chains. **KRISHIPRENEURS FARMER PRODUCER COMPANY LIMITED** is one of the beneficiaries under the project and inviting bids for the following goods.

Name of Goods	<b><i>FOUR LANES OPTICAL ORANGE GRADING, WASHING &amp; WAXING MACHINE 10 TPH</i></b>
Tender Fee Amount in Rs.	<i>Rs. 1000/-</i>
EMD	In the form of bid security declaration
Sale of bid document / download bid document from website start date and time	From 30/08/2023 To 28/09/2023 up to 2.00 PM
Pre. Bid meeting Date , Time & Address	06/09/2023 at 2.00 PM
Last Date & Time for submission of bid	28/09/2023 up to 3.30 PM
Date and Time of Opening of technical bid	29/09/2023 at 11.00 AM

Bid document is available at the following office address and also on project website <https://www.smart-mh.org>. For further any updates / notices shall be published on project website only.

### **President**

**KRISHIPRENEURS FARMER PRODUCER COMPANY LIMITED**  
C/o Shri Pravin Sampatrao Shirbhate At. Po. Hiwarkhed, Tq- Morshi District-  
Amravati

**Contact No. Mr.Tushar A. Taywade Mo. No. 7721897990**

**Email- tushartaywade22@gmail.com**

### **Pre-bid Meeting, Tender Submission & Opening place**

District Project Implementation unit (SMART)  
Vishava colony, old bypass, Amravati 444602  
8788031515 amravati.diu.smart@gmail.com

**REQUEST FOR BIDS (RFB)**  
**KRISHIPRENEURS FARMER PRODUCER COMPANY LIMITED**  
**C/o Shri Pravin Sampatrao Shirbhate At. Po. Hiwarkhed, Tq- Morshi District-**  
**Amravati**

Date: /08/2023

RFB No.: SMART/ **KRISHIPRENEURS** /Goods/ 10/2022-23

1. Govt. of Maharashtra is implementing World Bank assisted Hon. Balasaheb Thackeray Agribusiness And Rural Transformation (SMART) Project for developing Agriculture Commodity value chains. Project is extending up to 60% grants in the form of Viability Gap Fund (VGF) to eligible Community Based Organizations (CBO) .
2. The SMART Project is being implemented by various Project Implementation Units in the State. PIU **Pune** is one of the implementing unit of SMART Project. **KRISHIPRENEURS FARMER PRODUCER COMPANY LIMITED** is one of the beneficiary of **PIU Pune** under the SMART project.
3. The **KRISHIPRENEURS FARMER PRODUCER COMPANY LIMITED** intends to apply a part of the funds to cover eligible payments under the contracts for which this bid is invited. Bidding is open to all bidders from eligible source countries as defined in the "Procurement Regulations for IPF Borrowers, July 2016, Revised August 2018 and November 2020". Bidders are advised to note the minimum qualification criteria specified in Clause 2 of the Instructions to Bidders to participate in the bidding process. In addition, please refer to paragraphs 3.14 and 3.15 of the "Procurement Regulations" setting forth the World Bank's policy on conflict of interest.
4. **KRISHIPRENEURS FARMER PRODUCER COMPANY LIMITED, TQ MORSHI DIST-AMRAVATI** (herein after called "Purchaser") invites sealed bids for the Procurement of Goods detailed in the table below. The interested bidders should submit bids for all the Goods indicated therein.
5. Interested bidders need to submit non -refundable tender fee as indicated in the tender notice in the form of demand draft in favour of **KRISHIPRENEURS FARMER PRODUCER COMPANY LIMITED** if tender document is downloaded from the project website <https://www.smart-mh.org> OR May be purchase tender document from the CBO's office by paying non-refundable fee in the form of cash or Demand.  
**Note: The above-mentioned website is for the purpose of downloading the tender document only. Interested bidders are requested to contact following address for further information**
6. Bids must be accompanied by a bid security declaration / bid security of the amount specified for the work in the table below, drawn in favour of Purchaser

7. Bids must be delivered to following office address on or before period mentioned in the tender /corrigendum notice and it will be publicly opened at following address on date and time mentioned in the tender /corrigendum notice.

**District Project Implementation unit (SMART)**  
**Vishava colony, old bypass, Amravati 444602**  
**Contact Number -8788131515 Emal- amravati.diu.smart@gmail.com**

8. If the office happens to be closed on the date of receipt of the bids as specified, the bids will be received and opened on the next working day at the same time and venue. Late Bids will be rejected.

**9. Schedule of bidding :**

<b>Sr No</b>	<b>Particulars</b>	<b>Details</b>
1	Scope of bid	<b>FOUR LANES OPTICAL ORANGE GRADING, WASHING &amp; WAXING MACHINE 10 TPH</b>
2	Period of Supply and installation	90 Day
3	Tender Fee (in Rs.)	1000/-
4	Bid Security (in Rs.)	In the form of bid security declaration
5	Sale of bid document / download bid document from website start date and time	From 30/08/2023 To 28/09/2023 up to 2.00 PM
6	Pre-bid meeting Date & Time Place of Meeting	06/09/2023 at 2.00 PM
7	Bid submission end date & time	28/09/2023 up to 3.30 PM
8	Technical bid opening date and time	29/09/2023 at 11.00 AM

Seal of office

(Purchaser)

**President**  
**KRISHIPRENEURS FARMER PRODUCER COMPANY LIMITED**  
**C/o Shri Pravin Sampatrao Shirbhate**  
**At. Po. Hiwarkhed, Tq- Morshi District- Amravati**  
**Contact No Mr.Tushar A. Taywade Mo. No 7721897990**  
**Email- tushartaywade22@gmail.com**

**Pre-bid Meeting, Tender Submission & Opening place**  
**District Project Implementation unit (SMART)**

## SECTION - 2

# Supply Requirements

### 1. List of Goods and Delivery Schedule

Item no	Name of Goods or Related Service	Unit	Quantity	Place of delivery and installation	Delivery & installation period
1	<p><b>Supply Installation testing and commissioning of Four lanes Optical Orange Grading with washing and waxing line 10 Mt/hr</b></p> <p><b>(4 lane system Size grading system for Oranges)</b></p> <ul style="list-style-type: none"><li>• 4 lane System size 1+8 grading system for Oranges</li><li>• Grading Speed: 11cups/sec/lane</li><li>• Tonnage/Hour: 10 tonnes/hr (7 to 8 Oranges per kilo)</li></ul> <p><b>• Grading based on size &amp; Weight</b></p> <ul style="list-style-type: none"><li>• Exits - 8</li><li>• V-belt pre-aligner 4 lanes</li><li>• Industrial Camera &amp; Optics</li><li>• Industrial PC</li><li>• 15" monitor</li><li>• Horto sort Software</li><li>• Load cell</li><li>• Return line conveyor</li></ul>	10 mt/hr	1	KRISHIPRENEURS FARMER PRODUCER COMPANY LIMITED C/o Shri Pravin Sampatrao Shirbhate At. Po. Hiwarkhed, Tq- Morshi District- Amravati	3 Month

	<ul style="list-style-type: none"> <li>• Farmer data and produce grade data integration and tracking software</li> <li>• Software control in Hindi/marathi</li> <li>• Wifi based remote Washing, waxing and Drying unit</li> <li>• Automatic Crate Un-Loading conveyor with dynamic speed control based on grading produce criteria</li> <li>• Roller Feeding Conveyor</li> <li>• Electronic/Digital control with Heat exchanger with drying unit</li> <li>• Brusher-Sponger-Waxing Machine Drying Machine All material of Construction will be MS powder coating</li> <li>• API to interface with ENam and Other Government Databases</li> <li>• Touch screen</li> </ul>				

**E-2**  
Feb -23

**PROCUREMENT OF GOODS UNDER  
LOCAL COMPETITIVE BIDDING**

**FOR**

*SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ORANGE  
GRADING, WASHING & WAXING MACHINE 7-10 TPH*

*FOR*

*LMK FARMER PRODUCER COMPANY LIMITED*

*C/o Nandkumar Band, Gokul Dham 02,*

*Near Tompe College, Chandur Bazar, Amravati.444704*

**UNDER**

**Hon. Balasaheb Thackeray Agribusiness Rural Transformation (SMART)  
Project**

**(Two -Envelope Bidding Process without e-Procurement**

## **TENDER NOTICE**

**Hon. Balasaheb Thackeray Agri-business & Rural Transformation Project (SMART)**  
Govt. of Maharashtra is implementing World Bank assisted Hon. Balasaheb Thackeray Agribusiness And Rural Transformation (SMART) Project for developing Agriculture Commodity value chains. *LMK FARMER PRODUCER COMPANY LIMITED, C/o Nandkumar Band, Gokul Dham 02, Near Tompe College, Chandur Bazar, Amravati.444704* is one of the beneficiaries under the project and inviting bids for the following goods.

Name of Goods	<i>FOUR LANES OPTICAL ORANGE GRADING, WASHING &amp; WAXING MACHINE 10 TPH</i>
Tender Fee Amount in Rs.	Rs. 1000/-
EMD	To be submitted in the form of Bid Security Declaration
Sale of bid document / download bid document from website start date and time	From 24/06/2023 To 24/07/2023 up to 2.00 PM
Pre. Bid meeting Date , Time & Address	01/07/2023 at 2.00 PM
Last Date & Time for submission of bid	24/07/2023 up to 3.30 PM
Date and Time of Opening of technical bid	24/07/2023 at 04.00 PM

Bid document is available at the following office address and also on project website <https://www.smart-mh.org>. For further any updates / notices shall be published on project website only.

### **President**

**Mr. Nandkumar J. Band**  
**Mo. No. 9850262609**  
[Nanduband4567@gmail.com](mailto:Nanduband4567@gmail.com)

*LMK FARMER PRODUCER COMPANY LIMITED,  
C/o Nandkumar Band, Gokul Dham 02, Near Tompe College,  
Chandur Bazar, Amravati. 444704*

## REQUEST FOR BIDS (RFB)

*LMK FARMER PRODUCER COMPANY LIMITED,  
C/o Nandkumar Band, Gokul Dham 02, Near Tompe College,  
Chandur Bazar, Amravati. 444704*

Date: / / 2023

RFB No.: RFB No.: SMART/LMK FPC/Works/02/2023-24

1. Govt. of Maharashtra is implementing World Bank assisted Hon. Balasaheb Thackeray Agribusiness And Rural Transformation (SMART) Project for developing Agriculture Commodity value chains. Project is extending up to 60% grants in the form of Viability Gap Fund (VGF) to eligible Community Based Organizations (CBO) .
2. The SMART Project is being implemented by various Project Implementation Units. **PIU-PUNE** is one of the implementing unit of SMART Project. **LMK Farmer Producer Company Limited, C/o Nandkumar Band, Gokul Dham 02, Near Tompe College, Chandur Bazar, Amravati. 444704** is one of the beneficiary of **PIU-PUNE** under the SMART project.
3. The *LMK FARMER PRODUCER COMPANY LIMITED, C/o Nandkumar Band, Gokul Dham 02, Near Tompe College, Chandur Bazar, Amravati* intends to apply a part of the funds to cover eligible payments under the contracts for which this tender has been invited. Bidding is open to all bidders from eligible source countries as defined in the "Procurement Regulations for IPF Borrowers, July 2016, Revised August 2018 and November 2020". Bidders should be registered civil contractor with any of the Government organization with appropriate class. **Bidders are advised to note the minimum qualification criteria specified in Clause 2 of the Instructions to Bidders to participate in the bidding process.** In addition, please refer to paragraphs 3.14 and 3.15 of the "Procurement Regulations" setting forth the World Bank's policy on conflict of interest.
4. *LMK FARMER PRODUCER COMPANY LIMITED, C/o Nandkumar Band, Gokul Dham 02, Near Tompe College, Chandur Bazar, Amravati* (herein after called "Employer") invites sealed bids for construction of works detailed in the table below. The bidders should submit bid for all the works indicated therein.
5. Bidding document may be purchased from the Employer's office by paying non-refundable fee as indicated in the tender notice in the form of cash or Demand Draft issued by any Scheduled/Nationalized bank. Bidder may also download bidding document from <https://www.smart-mh.org> website and submit bid document cost in the form of demand draft along with the bid. Interested bidders may obtain further information from the Employer office.  
**Note: The above-mentioned website is for the purpose of downloading the tender document only. Interested bidders are requested to contact above mentioned address for further information**
6. Bids must be accompanied by a bid security in the form of bid security declaration in the format provided with this tender document.
7. Bids must be delivered to Employer office on or before period mentioned in the tender /corrigendum notice and will be publicly opened on date and time mentioned in the tender /corrigendum notice in presence of the bidders who wish to attend.

8. If the office happens to be closed on the date of receipt of the bids as specified, the bids will be received and opened on the next working day at the same time and venue. Late Bids will be rejected.

**9. Schedule of bidding :**

<b>Sr No</b>	<b>Particulars</b>	<b>Details</b>
1	Scope of bid	<i>Supply, Installation, Testing &amp; Commissioning of Orange Grading, Washing &amp; Waxing Machine 7-10 TPH</i>
2	Period of Supply and installation	<i>4 Months</i>
3	Tender Fee (in Rs.)	Rs. 1000/-
4	Bid Security (in Rs.)	To be submitted in the form of Bid Security Declaration
5	Sale of bid document / download bid document from website start date and time	10/05/2023
6	Pre-bid meeting Date & Time Place of Meeting	16/05/2023
7	Bid submission end date & time	09/06/2023 up to 02 PM
8	Technical bid opening date and time	09/06/2023 up to 02 PM

Seal of office

**President**

***Mr. Nandkumar J. Band***

***Mo. No. 9850262609***

***[Nanduband4567@gmail.com](mailto:Nanduband4567@gmail.com)***

***LMK FARMER PRODUCER COMPANY LIMITED,  
C/o Nandkumar Band, Gokul Dham 02, Near Tompe College,  
Chandur Bazar, Amravati. 444704***

## **SECTION - 2**

# **Supply Requirements**

## 1. List of Goods and Delivery Schedule

Item no	Name of Goods or Related Service	Unit	Quantity	Place of delivery and installation	Delivery & installation period
1	<p>Supply, Installation, Testing &amp; Commissioning of Orange Grading, Washing &amp; Waxing Machine 7-10 TPH</p> <p><b>Four lane Optical Orange Grader with washing and waxing line</b></p> <p>4 lane system Size grading system for Oranges</p> <ul style="list-style-type: none"> <li>• Grading Speed: 11 cups/sec/lane</li> <li>• Tonnage/Hour: 10 tons/hr at 70% occupancy 7 tons/hour at 100% fill rate (raw capacity) (7 to 8 Oranges per kilo)</li> <li>• Grading based on size &amp; Weight</li> <li>• Exits - 8</li> <li>• V-belt pre-aligner 4 lanes</li> <li>• Industrial Camera &amp; Optics</li> <li>• Industrial PC</li> <li>• 15" monitor</li> <li>• Hortisort Software</li> <li>• Load cell</li> <li>• Return line conveyor</li> <li>• Farmer data and produce grade data integration and tracking software</li> <li>• Software control in</li> </ul>		01	<p><i>LMK FARMER PRODUCER COMPANY LIMITED, C/o Nandkumar Band, Gokul Dham 02, Near Tompe College, Chandur Bazar, Amravati</i></p>	3 (three) Months

	<p>Hindi/marathi</p> <ul style="list-style-type: none"> <li>• Wifi based remote Washing, waxing and Drying unit</li> <li>• Automatic Crate Un-Loading conveyor with dynamic speed control based on grading produce criteria</li> <li>• Roller Feeding Conveyor</li> <li>• Electronic/Digital control with Heat exchanger with drying unit</li> <li>• Brusher-Sponger-Waxing Machine Drying Machine All material of Construction will be MS powder coating</li> </ul>				
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## 2. Technical Specifications of each item

***“Summary of Technical Specifications. The Goods and Related Services shall comply with following Technical Specifications and Standards:***

Item No	Name of Goods or Related Service	*Technical Specifications and Standards
1	<p>Supply, Installation, Testing &amp; Commissioning of Orange Grading, Washing &amp; Waxing Machine 5 TPH</p> <p>Two lane Optical Orange Grader with washing and waxing line</p>	<p>660 cups/min/lane is the capacity of the machine. Tonnage depends on the average weight of fruit. If average weight of fruit is 156g, tonnage will be 5 tonnes at 70% occupancy. At 100% capacity it can output 6 tonnes. Auto Crate tilting unit, input roller elevator , Small Fruits Eliminator, Inspection Conveyor, Washing Machine (Water Spray), Sponge Roller Conveyor (Pre Drying of Fruits), Waxing Machine (Waxer cum Polisher), Hot Drying Tunnel after waxing.</p> <p>Optical fruits Grader (4 lane, Grade exits 8 plus 1 default exit), Grading based on Size &amp; weight, Size sorting accuracy +/-1 mm (Repetition accuracy of standard objects).</p> <p>Industrial PC, Camera, Sensors &amp; Lights, UI in English/ Hindi/ Marathi, Printer, Farmer data and produce grade data integration and tracking software.</p> <p>Note: MOC MS powder coated &amp; SS 304 will be used.</p> <ul style="list-style-type: none"> <li>• Supply, Installation, Testing &amp; Commissioning of Orange Grading, Washing &amp; Waxing Machine 7-10 TPH</li> <li>• Four lane Optical Orange Grader with washing and waxing line</li> <li>• 4 lane system Size grading system for Oranges</li> <li>• Grading Speed: 11 cups/sec/lane</li> <li>• Tonnage/Hour: 10 tons/hr at 70% occupancy 7 tons/hour at 100% fill rate (raw capacity) (7 to 8 Oranges per kilo)</li> <li>• Grading based on size &amp; Weight</li> <li>• Exits - 8</li> <li>• V-belt pre-aligner 4 lanes</li> <li>• Industrial Camera &amp; Optics</li> <li>• Industrial PC</li> <li>• 15” monitor</li> <li>• Hortisort Software</li> <li>• Load cell</li> <li>• Return line conveyor</li> <li>• Farmer data and produce grade data integration and tracking software</li> <li>• Software control in Hindi/Marathi</li> <li>• Automatic Crate Un-Loading conveyor with dynamic speed control based on grading produce criteria</li> <li>• Roller Feeding Conveyor</li> <li>• Electronic/Digital control with Heat exchanger with drying unit</li> <li>• Software to be upgraded to integrated with government ENAM portal</li> </ul>

*\* Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.*

**Price Schedule**  
(On bidder's letterhead)

Sr. No.	Items	Model No & Brand name	Unit	Qty	Unit Rate without GST in Rs.	Total Amount without GST in Rs.
	<p>Supply, Installation, Testing &amp; Commissioning of Orange Grading, Washing &amp; Waxing Machine 7-10 TPH</p> <p><b>Four lane Optical Orange Grader with washing and waxing line</b></p> <p>4 lane system Size grading system for Oranges</p> <ul style="list-style-type: none"> <li>• Grading Speed: 11 cups/sec/lane</li> <li>• Tonnage/Hour: 10 tons/hr at 70% occupancy 7 tons/hour at 100% fill rate (raw capacity) (7 to 8 Oranges per kilo)</li> <li>• Grading based on size &amp; Weight</li> <li>• Exits - 8</li> <li>• V-belt pre-aligner 4 lanes</li> <li>• Industrial Camera &amp; Optics</li> <li>• Industrial PC</li> <li>• 15" monitor</li> <li>• Hortisort Software</li> <li>• Load cell</li> <li>• Return line conveyor</li> <li>• Farmer data and produce grade data</li> </ul>			01		

	integration and tracking software • Software control in Hindi/marathi • Wifi based remote Washing, waxing and Drying unit • Automatic Crate Un-Loading conveyor with dynamic speed control based on grading produce criteria • Roller Feeding Conveyor • Electronic/Digital control with Heat exchanger with drying unit • Brusher-Sponger-Waxing Machine Drying Machine All material of Construction will be MS powder coating					
	<b>Total Amount without GST in Rs.</b>					
	<b>Add GST in Rs.</b>					
	<b>Total Amount with GST in Rs.</b>					

We agree to supply the above goods in accordance with the technical specifications and other terms and conditions mentioned in the tender document for a total contract price of Rs. ....(amount in figures ) (Rs. .... amount in words) .

We also confirm that the normal commercial warrantee/guarantee of ..... months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery or collusive agreements with competitors.

Name of Bidder:  
 Signature of Bidder:  
 Date:

Bidder's office stamp

**E-2**  
Dec -23

**PROCUREMENT OF GOODS UNDER  
LOCAL COMPETITIVE BIDDING**

**FOR**

***SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF  
ORANGE GRADING, WASHING & WAXING MACHINE 5 MT / Hr)***  
**FOR**

***TANGY AGRO PRODUCER COMPANY LIMITED.  
H/No. 35, Rutuparna, Camp Road, Amravati - 444601***

**UNDER**

**Hon. Balasaheb Thackeray Agribusiness & Rural Transformation (SMART)  
Project**

**(Two -Envelope Bidding Process with e-Procurement**

**Hon. Balasaheb Thackeray Agribusiness and Rural  
Transformation (SMART) Project**

**E-TENDER NOTICE NO : (2024\_DOAWB\_1012378)**

***SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ORANGE  
GRADING, WASHING & WAXING MACHINE 5 MT / Hr)***

The Government of Maharashtra is implementing the World Bank-funded SMART Project. **TANGY AGRO PRODUCER COMPANY LIMITED.** is one of the beneficiaries under the project and inviting online bids on <https://mahatenders.gov.in> for above mentioned Machinery. The bid document is also available on the project website [www.smart-mh.org](http://www.smart-mh.org), in *tender and procurement section*. The last date for submission of online bid is **15/03/2024 up to 12:00 PM.** Any updates or notices shall be published on aforementioned websites only.

**District Implementation Unit, SMART Project Dist Amravati**

## **Notice Inviting Tender**

**E-TENDER NOTICE NO: (2024\_DOAWB\_1012378)**

**Hon. Balasaheb Thackeray Agri-business & Rural Transformation Project (SMART)**  
Govt. of Maharashtra is implementing World Bank assisted Hon. Balasaheb Thackeray Agribusiness And Rural Transformation (SMART) Project for developing Agriculture Commodity value chains. *TANGY AGRO PRODUCER COMPANY LIMITED. H/No. 35, Rutuparna, Camp Road, Amravati – 444601* is one of the beneficiaries under the project and inviting **online** bids for the following Machinery.

Name of Goods	<i>SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ORANGE GRADING, WASHING &amp; WAXING MACHINE 5 MT / Hr)</i>
Tender Fee Amount in Rs.	1000
EMD	In the form of bid security declaration
Date & Time for Commencement of Downloading bid document.	<b>Date: 24/02/2024 Time: 12:00 PM</b>
Pre-bid meeting	<b>Date: 04/03/2024 Time: 12:00 PM</b> Venue : District Implementation Unit, SMART Dist. Amravati Visava colony, old bypass Amravati 444602
Last date & time for downloading the bid document	<b>Date: 15/03/2024 Time: 12:00 PM</b>
Last Date (deadline) & Time for submission of bids	<b>Date: 15/03/2024 Time: 12:00 PM</b>
Date and Time for Opening of Technical envelop	<b>Date: 18/03/2024 Time: 01:00 PM</b>
Date and Time for Opening of Financial envelop	It will be made available through <a href="https://mahatenders.gov.in">https://mahatenders.gov.in</a>

Tender document is available at <https://mahatenders.gov.in> and project website <https://smart-mh.org> in *Procurement & tender section*. For further any updates / notices shall be published on project website only.

### **President**

Aditya Pradip Shingore

Phone: 9158827590

Email: info.tangyz@gmail.com

TANGY AGRO PRODUCER COMPANY LIMITED.

H/No. 35, Rutuparna, Camp Road, Amravati - 444601

### **Pre-bid Meeting, Tender Submission & Opening place**

District Project Implementation unit (SMART)

Vishava colony, old bypass Amravati 444602

**Note: Bidders can raise their complaint online with respect to tendering process on project website <https://smart-mh.org> in Grievance (<https://smart-mh.org/lodgegrievance>)**

Hon. Balasaheb Thackeray Agribusiness & Rural Transformation (SMART) Project

## **SECTION - 2**

# **Supply Requirements**

## 1. List of Goods and Delivery Schedule

Item no	Name of Goods or Related Service	Unit	Quantity	Place of delivery and installation	Delivery & installation period
1	<p>SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ORANGE GRADING, WASHING &amp; WAXING MACHINE 5 MT / Hr)</p> <p><b>Two lane Optical Orange Grader with washing and waxing line</b></p> <p>2 lane system Size grading system for Oranges</p> <ul style="list-style-type: none"> <li>• Grading Speed: 11 cups/sec/lane</li> <li>• Tonnage/Hour: 5 tons/hr at 70% occupancy 7 tons/hour at 100% fill rate (raw capacity) (7 to 8 Oranges per kilo)</li> <li>• Grading based on size &amp; Weight</li> <li>• Exits - 8</li> <li>• V-belt pre-aligner 2 lanes</li> <li>• Industrial Camera &amp; Optics</li> <li>• Industrial PC</li> <li>• 15" monitor</li> <li>• Hortisort Software</li> <li>• Load cell</li> <li>• Return line conveyor</li> <li>• Farmer data and produce grade data integration and tracking software</li> <li>• Software control in Hindi/marathi</li> <li>• Wifi based remote Washing, waxing and Drying unit</li> </ul>	No	01	<p><i>Mauje Kodori, Tq. Chandur Bazar, Dist. Amravati</i></p> <p><i>FOR</i></p> <p><i>TANGY AGRO PRODUCER COMPANY LIMITED.</i></p> <p><i>H/No. 35, Rutuparna, Camp Road, Amravati - 444601</i></p>	3 (three) Months

	<ul style="list-style-type: none"> <li>• Automatic Crate Un-Loading conveyor with dynamic speed control based on grading produce criteria</li> <li>• Roller Feeding Conveyor</li> <li>• Electronic/Digital control with Heat exchanger with drying unit</li> <li>• Brusher-Sponger-Waxing Machine Drying Machine All material of Construction will be MS powder coating</li> </ul>				
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## 2. Technical Specifications of each item

*“Summary of Technical Specifications. The Goods and Related Services shall comply with following Technical Specifications and Standards:*

<b>Item No</b>	<b>Name of Goods or Related Service</b>	<b>*Technical Specifications and Standards</b>
1	Supply, Installation, Testing & Commissioning of Orange Grading, Washing & Waxing Machine 5-7 TPH Two lane Optical Orange Grader with washing and waxing line.	<p>660 cups/min/lane is the capacity of the machine. Tonnage depends on the average weight of fruit. If average weight of fruit is 125g, tonnage will be 5 tonnes at 70% occupancy. At 100% capacity it can output 7 tonnes.</p> <p>Auto Crate tilting unit, input roller elevator, Small Fruits Eliminator, Inspection Conveyor, Washing Machine (Water Spray), Sponge Roller Conveyor (Pre Drying of Fruits), Waxing Machine (Waxer cum Polisher), Hot Drying Tunnel after waxing. Optical fruits Grader (2 lane, Grade exits 8 plus 1 default exit), Grading based on Size &amp; weight, Size sorting accuracy +/-1 mm (Repetition accuracy of standard objects). Industrial PC, Camera, Sensors &amp; Lights, UI in English/ Hindi/ Marathi, Printer, Farmer data and produce grade data integration and tracking software.</p> <p>Note: MOC MS powder coated &amp; SS 304 will be used.</p> <ul style="list-style-type: none"> <li>• Supply, Installation, Testing &amp; Commissioning of Orange Grading, Washing &amp; Waxing Machine 5-7 TPH</li> <li>• Two lane Optical Orange Grader with washing and waxing line</li> <li>• 2 lane system Size grading system for Oranges</li> <li>• Grading Speed: 11 cups/sec/lane</li> <li>• Tonnage/Hour: 5 tons/hr at 70% occupancy 7 tons/hour at 100% fill rate (raw capacity) (7 to 8 Oranges per kilo)</li> <li>• Grading based on size &amp; weight</li> <li>• Exits - 8</li> <li>• V-belt pre-aligner 2 lanes</li> <li>• Industrial Camera &amp; Optics</li> </ul>

		<ul style="list-style-type: none"> <li>• Industrial PC</li> <li>• 15" monitor</li> <li>• Hortisort Software</li> <li>• Load cell</li> <li>• Return line conveyor</li> <li>• Farmer data and produce grade data integration and tracking software</li> <li>• Software control in Hindi/Marathi</li> <li>• Automatic Crate Un-Loading conveyor with dynamic speed control based on grading produce criteria</li> <li>• Roller Feeding Conveyor</li> <li>• Electronic/Digital control with Heat exchanger with drying unit</li> <li>• Software to be upgraded to integrated with government ENAM portal</li> </ul>
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\* Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.

Note: if any specific brand/model number is mentioned in the specification in such case other equivalent brand/ model no is acceptable to the purchaser

Following points to be considered while finalizing the tender document and delete points which are not relevant / not required.

- 1) Essential spares of machinery like screens and other spares for the smooth functioning of the plant for one year of operation should be supplied.
- 2) Tools required for the maintenance of machinery should be supplied
- 3) Appropriate guard for all open drives should be provided for safety
- 4) The individual machinery should be supplied with an electrical motor and matching starter
- 5) Provision for starting/ stopping the individual machine of the line should be made available
- 6) The electrical motor supplied should be from reputed manufacturers having an efficiency of 80% and above
- 7) Control panel for the entire plant should be provided along with indicator lamps and Voltage
- 8) The charges for wiring the individual machinery with necessary and regulatory safety features should be included in the scope of the supply.
- 9) The AMC for the entire plant (after the warranty period) may be indicated
- 10) Please mention the area required for each line and arrange to provide layout drawing accordingly.
- 11) Machine is fitted with a Suitable Feed Hopper with a Feed Control device.
- 12) For silent & smooth operation of the machine reduction Gear box drive is fitted.
- 13) All the shafts are made of high - Grade Steel.
- 14) All the electric motors, electric control panel, all platforms, machine accessories, power transmission mechanism, etc. of standard material and size should be provided.
- 15) Before submitting the bid, bidder should visit the site.

Hon. Balasaheb Thackeray Agribusiness & Rural Transformation (SMART) Project

**Hon. Balasaheb Thackeray Agribusiness & Rural Transformation  
(SMART) Project**

**NATIONAL OPEN COMPETITIVE PROCUREMENT  
(Two-Envelope Bidding Process with e-Procurement)**

**FOR PROCUREMENT OF GOODS/EQUIPMENT**

RFB No. 2025\_DOAWB\_1234989

:

DATE OF COMMENCEMENT OF : DATE. 28.10.2025 TIME 06.00 (06.00 PM) HOURS  
SALE OF BIDDING DOCUMENT

LAST DATE FOR SALE OF : DATE. 28.11.2025 TIME 06.00 (06.00 PM) HOURS  
BIDDING DOCUMENT

TIME AND DATE OF PRE BID : DATE. 11.11.2025 TIME 01.00 (01.00 PM) HOURS  
MEETING

LAST DATE AND TIME FOR : DATE 28.11.2025 TIME 06.00 (06.00 PM) HOURS  
SUBMISSION OF BIDS

TIME AND DATE OF OPENING : DATE 01.12.2025 TIME 01.00 (01.00 PM) HOURS  
OF BIDS – Technical Part

OFFICER INVITING BIDS : ***Gajlaxmi Agro Producer Company Limited***

*Note: Bidders can raise their complaint online with respect to tendering process on project website <https://smart-mh.org> in Grievance (<https://smart-mh.org/lodgegrievance>)*

**Hon. Balasaheb Thackeray Agribusiness and Rural Transformation (SMART)  
Project (www.smart-mh.org)**

**E-TENDER NOTICE NO : 2025\_DOAWB\_1234989**

***Supply Installing & Commissioning of Two Lanes Optical Orange Grading Washing &  
Waxing Machine 5 TPH***

The Government of Maharashtra is implementing the World Bank-funded SMART Project. *Gajlaxmi Agro Producer Company Limited* is one of the beneficiaries under the project and inviting online bids on <https://mahatenders.gov.in> for above mentioned Machinery. The last date for submission of online bid is **28/11/2025 up to 06.00 PM**. Any updates or notices shall be published on aforementioned websites only.

**District Implementation Unit, SMART Project Dist Amravati**

## **PART 2 – Supply Requirements**

### 3. Technical Specifications

*“Summary of Technical Specifications. The Goods and Related Services shall comply with following Minimum Technical Specifications and Standards:*

<b>Item No</b>	<b>Name of Goods or Related Service</b>	<b>*Technical Specifications and Standards</b>	<b>qty</b>
1	Supply, Installation, Testing & Commissioning of Orange Grading, Washing & Waxing Machine 5-7 TPH Two lane Optical Orange Grader with washing and waxing line.	<ul style="list-style-type: none"> <li>• 660 cups/min/lane is the capacity of the machine. Tonnage depends on the average weight of fruit. If average weight of fruit is 125g, tonnage will be 5 tonnes at 70% occupancy. At 100% capacity it can output 7 tonnes. Auto Crate tilting unit, input roller elevator , Small Fruits Eliminator, Inspection Conveyor, Washing Machine (Water Spray), Sponge Roller Conveyor (Pre Drying of Fruits), Waxing Machine (Waxer cum Polisher), Hot Drying Tunnel after waxing. Optical fruits Grader (2 lane, Grade exits 8 plus 1 default exit), Grading based on Size &amp; weight, Size sorting accuracy +/-1 mm (Repetition accuracy of standard objects). Industrial PC, Camera, Sensors &amp; Lights, UI in English/ Hindi/ Marathi, Printer, Farmer data and produce grade data integration and tracking software. Note: MOC MS powder coated &amp; SS 304 will be used.</li> <li>• Supply, Installation, Testing &amp; Commissioning of Orange Grading, Washing &amp; Waxing Machine 5-7 TPH</li> <li>• Two lane Optical Orange Grader with washing and waxing line</li> <li>• 2 lane system Size grading system for Oranges</li> <li>• Grading Speed: 11 cups/sec/lane</li> <li>• Tonnage/Hour: 5 tons/hr at 70% occupancy 7 tons/hour at 100% fill rate (raw capacity) (7 to 8 Oranges per kilo)</li> <li>• Grading based on size &amp; weight</li> <li>• Exits - 8</li> <li>• V-belt pre-aligner 2 lanes</li> <li>• Industrial Camera &amp; Optics</li> </ul>	01

		<ul style="list-style-type: none"> <li>• Industrial PC</li> <li>• 15" monitor</li> <li>• Hortisort Software</li> <li>• Load cell</li> <li>• Return line conveyor</li> <li>• Farmer data and produce grade data integration and tracking software</li> <li>• Software control in Hindi/Marathi</li> <li>• Automatic Crate Un-Loading conveyor with dynamic speed control based on grading produce criteria</li> <li>• Roller Feeding Conveyor</li> <li>• Electronic/Digital control with Heat exchanger with drying unit</li> <li>• Software to be upgraded to integrated with government ENAM portal</li> </ul>	
02.	PANNEL BOARD & ELECTRIC WIRE WITH TRAY AND ELECTRICAL ACESSORIES	<p><b>INCLUDED REPUTATED COMPANY &amp; ISI MARK MATERIAL INCLUDED ELECTRIC MACHINERY ITEM &amp; ACESSORIES</b></p> <p><b>INCLUDED REPUTATED COMPANY CABLE WIRE LIKE POLYCAB, HAVELLS OR EQUIVALENT WIRING AS PER REQUIREMENT OF MACHINERY OR NEED SUITABLE FOR MACHINE ON SITE AS PER REQUIRED</b></p> <p><b>ON SITE WITH SUPPLY COMISSIONING ERECTION</b></p>	Included
03.	ELECTRICAL ERECTION	ALL ELECTRICAL ITEM AND ACCESSORIES INSTALLATION WITH COMMISSIONING	Included
04.	MACHINERY ERECTION	ALL MACHINERY INSTALLATION & FABRICATION CHARGES WITH COMMISSIONING	Included
05.	TRANSPORTATION	MACHINERY & STEEL LOADING UNLOADING CHARGES MACHINERY & STEEL , OTHER TRANSPORTATION CHARGES	Included
06.	MACHINERY	ALL MACHINERY INSTALLATION TESTING COMMISSIONING AND TRIAL	Included

\* Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.

Note: if any specific brand/model number is mentioned in the specification in such case other equivalent brand/ model no is acceptable to the purchaser

**Hon. Balasaheb Thackeray Agribusiness & Rural Transformation  
(SMART) Project**

**NATIONAL OPEN COMPETITIVE PROCUREMENT  
(Two-Envelope Bidding Process with e-Procurement)**

**FOR PROCUREMENT OF GOODS/EQUIPMENT**

RFB No.:

DATE OF COMMENCEMENT OF  
SALE OF BIDDING DOCUMENT : DATE: 29/12/2025 TIME 11:00 AM HOURS

LAST DATE FOR SALE OF  
BIDDING DOCUMENT : DATE 29/01/2026 TIME 11:00 AM HOURS

TIME AND DATE OF PRE BID  
MEETING : DATE 06/01/2026 TIME 11:00 AM HOURS

LAST DATE AND TIME FOR  
SUBMISSION OF BIDS : DATE 29/01/2026 TIME 11:00 AM HOURS

TIME AND DATE OF OPENING  
OF BIDS – Technical Part : DATE 30/01/2026 TIME 12:00 PM HOURS

OFFICER INVITING BIDS:

**Prahar Shakti farmers producer company limited, Achalpur**

*Note: Bidders can raise their complaint online with respect to tendering process on project website <https://smart-mh.org> in Grievance (<https://smart-mh.org/lodgegrievance>)*

**Hon. Balasaheb Thackeray Agribusiness and Rural Transformation (SMART)  
Project (www.smart-mh.org)**

**E-TENDER NOTICE NO: 2025\_DOAWB\_1263546**

***OPTICAL ORANGE GRADING, WASHING & WAXING MACHINE 5 TPH***

The Government of Maharashtra is implementing the World Bank-funded SMART Project **Prahar Shakti farmers producer company limited, Achalpur** is one of the beneficiaries under the project and inviting online bids on **<https://mahatenders.gov.in>** for above mentioned Machinery. The last date for submission of online bid is **29/01/2026 up to 11:00 AM**. Any updates or notices shall be published on aforementioned websites only.

**District Implementation Unit, SMART Project, Dist. Amravati.**

## **PART 2 – Supply Requirements**

### 3. Technical Specifications

*“Summary of Technical Specifications. The Goods and Related Services shall comply with following **Minimum** Technical Specifications and Standards:*

<b>Item No</b>	<b>Name of Goods or Related Service</b>	<b>*Technical Specifications and Standards</b>	<b>qty</b>
1	Supply, Installation, Testing & Commissioning of Orange Grading, Washing & Waxing Machine 5-7 TPH Two lane Optical Orange Grader with washing and waxing line.	<ul style="list-style-type: none"> <li>• 660 cups/min/lane is the capacity of the machine. Tonnage depends on the average weight of fruit. If average weight of fruit is 125g, tonnage will be 5 tonnes at 70% occupancy. At 100% capacity it can output 7 tonnes. Auto Crate tilting unit, input roller elevator , Small Fruits Eliminator, Inspection Conveyor, Washing Machine (Water Spray), Sponge Roller Conveyor (Pre Drying of Fruits), Waxing Machine (Waxer cum Polisher), Hot Drying Tunnel after waxing. Optical fruits Grader (2 lane, Grade exits 8 plus 1 default exit), Grading based on Size &amp; weight, Size sorting accuracy +/-1 mm (Repetition accuracy of standard objects). Industrial PC, Camera, Sensors &amp; Lights, UI in English/ Hindi/ Marathi, Printer, Farmer data and produce grade data integration and tracking software. Note: MOC MS powder coated &amp; SS 304 will be used.</li> <li>• Supply, Installation, Testing &amp; Commissioning of Orange Grading, Washing &amp; Waxing Machine 5-7 TPH</li> <li>• Two lane Optical Orange Grader with washing and waxing line</li> <li>• 2 lane system Size grading system for Oranges</li> <li>• Grading Speed: 11 cups/sec/lane</li> <li>• Tonnage/Hour: 5 tons/hr at 70% occupancy 7 tons/hour at 100% fill rate (raw capacity) (7 to 8 Oranges per kilo)</li> <li>• Grading based on size &amp; weight</li> <li>• Exits - 8</li> <li>• V-belt pre-aligner 2 lanes</li> <li>• Industrial Camera &amp; Optics</li> </ul>	01

		<ul style="list-style-type: none"> <li>• Industrial PC</li> <li>• 15" monitor</li> <li>• Hortisort Software</li> <li>• Load cell</li> <li>• Return line conveyor</li> <li>• Farmer data and produce grade data integration and tracking software</li> <li>• Software control in Hindi/Marathi</li> <li>• Automatic Crate Un-Loading conveyor with dynamic speed control based on grading produce criteria</li> <li>• Roller Feeding Conveyor</li> <li>• Electronic/Digital control with Heat exchanger with drying unit</li> <li>• Software to be upgraded to integrated with government ENAM portal</li> </ul>	
02.	PANNEL BOARD & ELECTRIC WIRE WITH TRAY AND ELECTRICAL ACESSORIES	<p><b>INCLUDED REPUTATED COMPANY &amp; ISI MARK MATERIAL INCLUDED ELECTRIC MACHINERY ITEM &amp; ACESSORIES</b></p> <p><b>INCLUDED REPUTATED COMPANY CABLE WIRE LIKE POLYCAB, HAVELLS OR EQUIVALENT WIRING AS PER REQUIREMENT OF MACHINERY OR NEED SUITABLE FOR MACHINE ON SITE AS PER REQUIRED</b></p> <p><b>ON SITE WITH SUPPLY COMISSIONING ERECTION</b></p>	Included
03.	ELECTRICAL ERECTION	ALL ELECTRICAL ITEM AND ACCESSORIES INSTALLATION WITH COMMISSIONING	Included
04.	MACHINERY ERECTION	ALL MACHINERY INSTALLATION & FABRICATION CHARGES WITH COMMISSIONING	Included
05.	TRANSPORTATION	MACHINERY & STEEL LOADING UNLOADING CHARGES MACHINERY & STEEL , OTHER TRANSPORTATION CHARGES	Included
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\* Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.

Note: if any specific brand/model number is mentioned in the specification in such case other equivalent brand/ model no is acceptable to the purchaser

- 1) Essential spares of machinery like screens and other spares for the smooth functioning of the plant for one year of operation should be supplied.
- 2) Tools required for the maintenance of machinery should be supplied
- 3) Appropriate guard for all open drives should be provided for safety

- 
- 4) The individual machinery should be supplied with an electrical motor and matching starter
  - 5) Provision for starting/ stopping the individual machine of the line should be made available
  - 6) The electrical motor supplied should be from reputed manufacturers having an efficiency of 80% and above
  - 7) Control panel for the entire plant should be provided along with indicator lamps and Voltage
  - 8) The charges for wiring the individual machinery with necessary and regulatory safety features should be included in the scope of the supply.
  - 9) The AMC for the entire plant (after the warranty period) may be indicated
  - 10) Please mention the area required for each line and arrange to provide layout drawing accordingly.
  - 11) Machine is fitted with a Suitable Feed Hopper with a Feed Control device.
  - 12) For silent & smooth operation of the machine reduction Gear box drive is fitted.
  - 13) All the shafts are made of high - Grade Steel.
  - 14) All the electric motors, electric control panel, all platforms, machine accessories, power transmission mechanism, etc. of standard material and size should be provided.
  - 15) Before submitting the bid, bidder may visit the site.
  - 16) Test report of offered goods/machinery /equipment issued by agriculture university/ICAR/ agency authorized by any Central / State government to issue such test certificate/report shall be submitted