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**TAMIL NADU AGRICULTURAL UNIVERSITY**

**Tamil Nadu Irrigated Agriculture Modernization Project  
(TN - IAMP)**

**METTUR-NOYYAL CONFLUENCE**

**RFQ No: 46/TNIAMP/TNAU/MNC/GOODS/PHASE-II /2022-23  
(Fall Army Worm - 50 ha)**

**The Professor and Head  
Tapioca and Castor Research Station  
Puthiragoundampalayam(PO),  
Yethapur- 636 119,  
Salem, Tamil Nadu, India**

**MAY 2022**

**REQUEST FOR QUOTATIONS**  
**Procurement of Goods under RFQ/Shopping Procedures**  
**Procurement Notice**

**Purchaser:** The Professor and Head, Tapioca and Castor Research Station,  
P.G.Palayam, Yethapur, Salem – 636 119. (TN), India

**Contract title:**

**List of Addresses Enclosed**

**RFQ No: 46/TNIAMP/TNAU/MNC/GOODS/PHASE-II /2022-23**

**(Fall Army Worm - 50 ha)**

**Date: 25.05.2022**

**Applicable Procurement Regulations Date: July 2016 revised August 2018**

- The Government of India has received financing from the World Bank in various currencies towards the cost of the Tamil Nadu Irrigated Agriculture Modernisation Project and intends to apply part of the proceeds towards eligible payments under the contract for which this request for quotations is issued. The Professor and Head, TCRS, Puthiragoundampalayam, Yethapur invites quotations from eligible bidders for the following goods.

Sl. No.	Brief Description of the Goods	Specifications*	Unit & Quantity	Delivery Period	Place of Delivery	Installation Requirement if any
1	Maize Hybrid  <b>Mahyco- MRM 4060</b>  <b>Kaveri-KMH 8333</b>  <b>NK 6668</b>	<b><u>Hybrid Seed</u></b> Pure seed (minimum) - 98.0% Inert matter(maximum)- 2.0% Other crops seed(maximum)- 10/kg Other distinguishable varieties based on kernel colour and texture (maximum)- 10/kg Weed seeds(maximum)- None Germination (minimum)- 90% Moisture (maximum)- 12.0% For vapour proof containers (maximum)- 8.0%	50 units (15 kg/unit)  Quantity <b>750 kg</b>	15 days	<b>Kolathur Block, Salem District</b>  <b><u>The lowest rate quoted by your firm should be inclusive of all charges (loading, packing, handling etc) and transport cost to the point of destination mentioned above</u></b>	Not Applicable

2	Cowpea ( Border Crop)  Co 7 / VBN 3	Pure seed (Min.)- 98.00% Inert matter (Max.)- 2.00% Weed seed (Max.)- 0.10% Prohibited Weeds (Max.)-None Other kinds including other varieties (Max.)- 0.20% Other crop seed (Max.)- 0.10% Diseases lesions (Max.)-0.50% Germination (Min.)- 75 % Physical purity (Min.)- 98 % Moisture (Min.)- 9%	50Units ( 5Kg/unit)  Quantity 250 Kg	15 days		Not Applicable
3	Pheromone trap	FAW Pheromone trap	50 units (12 Nos./unit)  600 Number			
4	Sex lures	FAW ( <i>Spodoptera frugiperda</i> ) 5mg	50 units (36 Nos/unit)  1800 Sex lures			
5	<i>Beaveria bassiana</i>	*Form & Appearance- Physical state and color of samples *Moisture content-8.0 % maximum *pH-6.0-8.0 *Colony forming unit per g. or per ml-1 x10 <sup>8</sup> *Pathogenic contaminants- Absent *Other microbial contaminants- Less than1x10 <sup>4</sup> /gm	50 Unit ( 200 g pocket/ Unit)  Total Quantity: 10 Kg			
6	<i>Metarhizium anisopliae</i>	*Form & Appearance- Physical state and colour of samples *Moisture content-8.0 % maximum *pH-6.0-8.0 *Colony forming unit per	50 Unit ( 4 Kg Bag/Unit)			

		g. or per ml-1 x10 <sup>8</sup> *Pathogenic contaminants- Absent *Other microbial contaminants- Less than 1x10 <sup>4</sup> /gm	Total Quantity: <b>200 Kg</b>			
7	Azadirachtin 1% EC	The material shall consist of technical azadirachtin, complying with the requirements of FAO specification 627/TK (May 2006), dissolved in suitable solvents, together with any other necessary formulants. It shall be in the form of a stable homogeneous liquid, free from visible suspended matter and sediment, to be applied as an emulsion after dilution in water. Aflatoxins (sum of B1, B2, G1 and G2)- Maximum: 0.00003% (300 µg/kg) of the azadirachtin. The pH of an aqueous dispersion shall be 5.0 to 7.0	50 Unit. <b>(1Lit./Container/Unit)</b>  Total Quantity: <b>50 Lit.</b>			

2. The Bidders may submit Quotations for any items.
3. This Procurement notice includes the terms and conditions applicable to submission of quotations; criteria for qualification, evaluation, and for award of supply order(s); and relevant forms to be filled by the bidders. The Procurement notice including the terms and conditions etc. can be downloaded free of cost by logging on to the website [www.tenders.tn.gov.in](http://www.tenders.tn.gov.in)
4. Deleted
5. Quotations shall be submitted to The Professor and Head, Tapioca and Castor Research Station, TNAU, Puthiragoundampalayam, Yethapur-636 119, Salem, Tamil Nadu, India on or before 3.00 PM hours on 10.06.2022. The Quotations will be opened (at the same address of quotation submission) on 10.06.2022 at 3.30 PM hours<sup>1</sup>.
6. If the Purchaser's office happens to be closed on the date of opening of the Quotations as specified, the Quotations will be opened on the next working day at the same time and venue.

<sup>1</sup>Should be the same as for the deadline for receipt of quotations or promptly thereafter.

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7. Other details can be seen in the RFQ document. The Purchaser shall not be held liable for any delays due to postal or any other reasons whatsoever. A Bidder requiring any clarification of the RFQ Document may visit the office of the Purchaser at the address given below.



Name of the Office: Tapioca and Castor Research Station  
Name of the Officer and Title: Dr. S. Manickam,



The Professor and Head  
Puthiragoundampalayam,  
Yethapur- 636 119,  
Salem, Tamil Nadu, India  
Tel. No. : 293526 – 91-04282  
Email address: arsyethapur@tnau.ac.in

PROFESSOR AND HEAD  
Tapioca and Castor Research Station  
TNAU, YETHAPUR,  
P.G. PALAYAM - 636 119



**RFQ No: 46/TNIAMP/TNAU/MNC/GOODS/PHASE-II /2022-23**

**(Fall Army Worm - 50 ha)**

**Date: 25.05.2022**

**Terms and Conditions**

1. **Eligibility:** A Bidder (a) shall not participate in more than one Quotation; (b) shall not have conflict of interest as defined in the Bank's Procurement Regulations; and (c) should not have been (i) temporarily suspended or debarred by the World Bank Group in compliance with the Bank's Anti-Corruption Guidelines and its Sanctions Framework
2. **Clarifications & Amendments:** If the Purchaser receives any request for clarification of this RFQ Document, it will upload its response together with any amendment to this document, on the [www.tenders.tn.gov.in](http://www.tenders.tn.gov.in) portal for information of all Bidders. Bidders should check on the portal, for any amendments to the terms and conditions.
3. **The Quotation shall comprise the following:**
  - (a) Letter of Quotation;
  - (b) Delivery Period Offered: List of Goods & Related Services indicating Bidder's offered delivery period in the prescribed Form;
  - (c) Technical Specifications: confirmation that the offered Goods and Related Services conform to the required specifications;
  - (d) Evidence in accordance with Clause 6 establishing Bidder's qualifications to perform the contract, if its quotation is accepted;
  - (e) Performance Statement<sup>2</sup> of supplies of similar goods made during the last 3 years, in the prescribed Format;
  - (f) Complete address and contact details of the Bidder having the following information:  
  
Name of Firm  
Address for communication  
Telephone No(s): Office  
Mobile No.  
Facsimile (FAX) No.  
Electronic Mail Identification (E-mail ID)
  - (g) Price Schedule (Quotation)

**4. Quotation Prices**

- a) The contract shall be for the full quantity for all items or for full quantity of each item, as specified in the Price Quotation Form.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) GST and any other taxes, which will be payable on the goods at the time of invoicing in connection with the sale, shall be shown separately. If these are

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<sup>2</sup> Purchaser may delete this requirement in case of simple and regular off the shelf items.

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only stated to be extra, such quotations are liable to be rejected. Wherever these taxes are not shown, these will be assumed to have been included in the quoted price.

- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Prices shall be quoted in Indian Rupees only.

5. **Conformity of Goods:** Bidder shall furnish, documentary evidence that the Goods conform to the technical specifications and standards, as relevant for example catalogue, warranty/ guarantee etc. of the manufacturer

6. **Qualification of the Bidder:** (a) Bidder should have supplied goods of similar type (& capacity) up to at least 100% quantity in any one of last 3 years. Details of supplies made during the last 3 years shall be submitted in the specified Proforma. Atleast 40 % of the quantity in case of equipment offered for supply should have been in successful operation for at least one year as on date of quotation opening.

(b) Supplies for any particular item in each quotation should be from one manufacturer only. Quotations offering supplies from different manufacturers for the same item in the quotation will be treated as non-responsive.

7. **Validity of Quotation:** Quotation shall remain valid for a period not less than 15 days after the deadline date specified for submission.
8. **Signing of Quotations:** The name and position held by each person signing the quotation and related documents must be typed or printed below the signature.
9. **Quotation Submission:** The Letter of Quotation shall be filled, signed and submitted along with the Price Schedules that shall be furnished using the Forms available in this document.
10. **Opening and Evaluation of Quotations:** The Quotations will be opened on the specified date, time and place.

(a) The Purchaser shall examine the quotation to determine whether the quotation (a) has been properly signed (Clause 8); b) meets the eligibility criteria (Clause 1); (c) conforms to all terms, conditions, technical specifications, warranty/guarantee etc.; and (d) the bidder has accepted the delivery schedule (Purchaser's Requirement Form 1).

(b) Only Quotations that are substantially responsive to the RFQ document, and meet all Qualification Criteria shall qualify.

(c) The evaluation shall be based on the total price of Goods and Related services at project site including GST and any other taxes, which will be payable on the finished goods at the time of invoicing.

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**11. Award of contract:** The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

- (a) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- (b) The bidder whose quotation is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the supply order (sample form attached).
- (c) 100%Payment shall be made immediately/or within 15days after delivery of the goods. Payment of GST and other taxes payablefor the goods at the time of invoicing, although already included in the total cost, will be at actual or the rate/amount of these taxes specified in the supply order, whichever is lower.
- (d) Normal commercial warranty/ guarantee shall be applicable to the supplied goods.



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## **Quotation Forms**

## Letter of Quotation

*The Bidder must prepare the Letter of Quotation on stationery with its letterhead clearly showing the Bidder's complete name and address. The italicized text is for Bidder's guidance in preparing these forms and shall be deleted from the final products.*

RFQ No.: [insert identification]

Our Reference: No..... Dated.....

To:  
(Purchaser's name and address)

Subject: Supply of.....

Sir,

1. We, the undersigned, hereby submit our Quotation. In submitting our Quotation, we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the RFQ Document;
- (b) **Conformity:** We offer to supply in conformity with the RFQ Document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Services
- (c) The total price of our Quotation, including any unconditional discounts offered is:  
Total price of the Quotation [insert the total price of the quotation including GST and any other taxes, which will be payable on the finished goods, in words and figures];
- (d) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the Bidding process or execution of the Contract: *[insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity. If none has been paid or is to be paid, indicate "none."]*
- (e) **Quotation Validity Period:** Our Quotation shall be valid for the period of 15 days, from the deadline fixed for the Quotation submission;
- (f) **Eligibility:** We meet the eligibility requirements and have no conflict of interest, we are not participating in more than one quotation in this bidding process, and we have not been temporarily suspended or debarred by the World Bank.
- (e) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of corrupt, fraudulent, collusive, coercive, or obstructive practices.

Yours faithfully,

Authorized Signature

Name & Title of Signatory \_\_\_\_\_

In the capacity of *[insert legal capacity of person signing the Letter of Quotation]*

Name of Bidder \_\_\_\_\_

Address \_\_\_\_\_

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

**FORMAT OF QUOTATION**

Sl. No.	Description of Goods	Specifications	Qty.	Unit	Quoted Unit Rate <sup>3</sup> at destination in Rs.	<sup>4</sup> GST and similar other taxes applicable on finished Goods/ Services	*Total Price per line item at Destination - inclusive of discounts, all taxes and duties	
							In Figures	In Words
1	Mahyco- MRM 4060							
2	Kaveri-KMH 8333							
3	NK 6668							
4	Cowpea (Border Crop) Co 7 / VBN 3							
5	Pheromone trap							
6	Sex lures							
7	Beaveria bassiana							

<sup>2</sup> Any unconditional discounts if offered, shall be specified in this column along with the unit rates.

<sup>3</sup> Indicate each applicable tax separately.





# PROFORMA FOR PERFORMANCE STATEMENT\*

Proforma for Performance Statement (for a period of last 3 years)

RFQ No. \_\_\_\_\_

Date of opening \_\_\_\_\_ Time \_\_\_\_\_ Hours

Name of the Bidder \_\_\_\_\_

Order placed by (full address of Purchaser)	Order No. and date	Description and quantity of ordered Goods/ equipment	Value of order	Date of completion of delivery	In case of Equipment, state if the equipment been satisfactorily functioning? (Attach a certificate from the Purchaser/Consignee)
1	2	3	4	As per contract 5	Actual 6 8

\*This proforma shall be deleted if requirement of Performance Statement is deleted in Clause 4.

Signature and seal of the Bidder

## *Purchaser's Requirement*

### 1. LIST OF GOODS & RELATED SERVICES AND DELIVERY PERIOD

Line Item No.	Description of Goods and Related Services	Quantity	Physical unit	Final Destination(Project site)	Desired Delivery Period for completion of supply from the date of the Contract	Bidder's offered Delivery Period <i>[to be provided by the Bidder]</i>
1	2	3	4	5	6	7
<i>[insert item No]</i>	<i>[insert description of Goods]</i>	<i>[insert quantity of item to be supplied]</i>	<i>[insert physical unit for the quantity]</i>	<i>[insert place of Delivery]</i>	<i>[insert the number of days from the date of the Contract]</i>	<i>[insert the number of days from the date of the Contract]</i>
1	Maize Hybrid Mahyco- MRM 4060 Kaveri-KMH 8333 NK 6668	750 kg	50 unit (15 kg/unit)			
2	Cowpea (Border Crop) Co 7/ VBN 3	250 Kg	50Units ( 5Kg/unit)			

3	Pheromone trap	600 Number	50 units (12 Nos./unit)	Kolathur Block, Salem District	15 days	
4	Sex lures	1800 Sex lures	50 units (36 Nos/unit)			
5	<i>Beaveria bassiana</i>	10 Kg	50 Unit ( 200 g pocket/ Unit)			
6	<i>Metarhizium banisopliae</i>	200 Kg	50 Unit ( 4 Kg Bag/Unit)			
7	Azadirachtin 1% EC	50 Lit.	50 Unit. (1Lit./Contain er/Unit)			

Note:

1. All details should be filled in by Purchaser except for Column 7.
2. Delivery Period offered by the Bidder should be filled in Column 7 by the Bidder.

## 2. TECHNICAL SPECIFICATIONS

Sl. No.	Description of Goods	Detailed Technical Specifications
1	Maize Hybrid Mahyco- MRM 4060  Kaveri-KMH 8333  NK 6668	<b>Hybrid Seed</b> Pure seed (minimum) -98.0% Inert matter(maximum)- 2.0% Other crops seed(maximum)- 10/kg Other distinguishable varieties based on kernel colour and texture (maximum)- 10/kg Weed seeds(maximum)- None Germination (minimum)- 90% Moisture (maximum)- 12.0% For vapour proof containers (maximum)- 8.0%
2	Cowpea (Border Crop) Co 7/ VBN 3	Pure seed (Min.)-98.00% Inert matter(Max.)-2.00% Weed seed (Max.)-0.10% Prohibited Weeds (Max.)-None Other kinds including other varieties (Max.)-0.20% Other crop seed (Max.)-0.10% Diseases lesions (Max.)-0.50% Germination (Min.)-75 % Physical purity (Min.)- 98 % Moisture (Min.)- 9% FA W pheromone trap
3	Pheromone trap	
4	Sex lures	FA W ( <i>Spodoptera ruigiperda</i> ) 5mg



5	<i>Beauveria bassiana</i>	<p>*Form &amp; Appearance- Physical state and colour of samples</p> <p>*Moisture content-8.0 % maximum</p> <p>*pH-6.0-8.0</p> <p>*Colony forming unit per g. or per ml-1 x10<sup>8</sup></p> <p>*Pathogenic contaminants- Absent</p> <p>*Other microbial contaminants- Less than 1x10<sup>4</sup> /gm</p>
6	<i>Metarhizium anisopliae</i>	<p>*Form &amp; Appearance- Physical state and colour of samples</p> <p>*Moisture content-8.0 % maximum</p> <p>*pH-6.0-8.0</p> <p>*Colony forming unit per g. or per ml-1 x10<sup>8</sup></p> <p>*Pathogenic contaminants- Absent</p> <p>*Other microbial contaminants- Less than 1x10<sup>4</sup> /gm</p>
7	Azadirachtin 1% EC	<p>The material shall consist of technical azadirachtin, complying with the requirements of FAO specification 627/TK (May 2006), dissolved in suitable solvents, together with any other necessary formulators. It shall be in the form of a stable homogeneous liquid, free from visible suspended matter and sediment, to be applied as an emulsion after dilution in water. Aflatoxins (sum of B1, B2, G1 and G2)-Maximum: 0.00003% (300 µg/kg) of the azadirachtin. The pH of an aqueous dispersion shall be 5.0 to 7.0</p>