

Request for Proposal (RfP)

(Through e-Procurement Platform)

for

**Empanelment of OEM/
Manufacturers/Importer for
supply of Farm Machinery and
Agro Processing Units for the
financial years 2025-26 and
2026-27**

Government of Karnataka
Department of Agriculture
Bengaluru – 560001

Key Dates

Sl.No.	Item	Date	Time
(a)	Published Date	09.12.2024	11.00 a.m.
(b)	RfP / Application Document Download	09.12.2024	
(c)	Clarification Start Date	09.12.2024	
(d)	Pre application / RfP meeting	21.12.2024	11.00 a.m.
(e)	Application / Proposal Submission Start date	09.12.2024	
(f)	Clarification End Date for applicants	27.12.2024	04.30 p.m.
(g)	Application / Proposal Submission End date (online)	08.01.2025	04.30 p.m.
(h)	Physical Deposition of Application / Proposal End Date	09.01.2025	04.30 p.m.
(i)	Technical Proposal opening date (Online)	10.01.2025	11.00 a.m.
(j)	Uploading of TEC Report	As per bid schedule	
(k)	Commercial Proposal Opening	As per bid schedule	
(j)	BG submission END date	10.02.2025	04.30 pm

REQUEST FOR PROPOSAL

(Department of Agriculture, Government of Karnataka)

Invitation of applications for empanelment of OEM/Manufacturers/Importers for supply of Farm Machinery and Agro Processing Units in Karnataka State for the financial years 2025-26 and 2026-27.

**Request for Proposal (RfP) No.DDA(FM&MI)/FM RFP/2024 -25,
Dtd: 20.11.2024**

1. The Department of Agriculture, Government of Karnataka invites Original Equipment Manufacturer (OEM) or Manufacturer or Importer to submit proposals for supply of Farm Machinery and Agro Processing Units electronically through unified e-Procurement platform of Government of Karnataka viz., <https://kppp.karnataka.gov.in/> (the "**E-Procurement Website**").
2. The address and contact numbers for sending Bids/ applications or seeking clarifications regarding this RfP are given below –

a.	Applications/queries to be addressed to	Director of Agriculture, Commissionerate of Agriculture, Seshadri Road, Bengaluru- 560001.
b.	Postal address for physical submission of documents as per various Schedules in this RfP	Deputy Director of Agriculture, (Farm Mechanization) Commissionerate of Agriculture, Seshadri Road, Bengaluru- 560001.
c.	Name/designation of the contact personnel	Sri. Shankaramurthy C.M.V., Deputy Director of Agriculture, (FM) 080-22074149
d.	Telephone numbers of the contact personnel	Office Land Line: 080 -22074134 /080-22074149
E	E-mail ids of contact personnel	agrif2020@gmail.com

3. This RfP is divided into five Parts as follows:-

- (a) Part I – Contains General Information and Instructions for the applicants about the RfP such as the time, place of submission and opening of RFPs, validity period of RFPs, etc.,
- (b) Part II – Contains essential details of the items/services required,
- (c) such as the Schedule of Requirements (SOR), Technical Specifications, Delivery Period, Mode of Delivery and Consignee details.
- (d) Part III – Contains Standard Conditions of RfP, which will form part of the Contract with the successful empanelled firm.
- (e) Part IV – Contains Special Conditions applicable to this RfP and which will also form part of the contract with the successful empanelled firm.
- (f) Part V – Contains Evaluation Criteria and format for Technical and Financial proposals.

PART I – GENERAL INFORMATION

1. Important Instructions-

- (a) The firms who wish to submit their proposal/proposals for empanelment of Farm Machinery and Agro Processing Units as per Part II of this RfP should be the Original Equipment Manufacturer (OEM) / Manufacturer /Importer with a valid document as below.

Note: Importers are excluded from participation under Solar Operated Pump Set category.

- i. For A to F& J schedule (excluding Wheel Barrow, Nipping Machine, Drone Transport/ Carrier Vehicle and Agro-Processing Units): Original Equipment Manufacturer (OEM) / Manufacturer /Importer with valid Test Report from a FMTTI Test Centre/GoI testing centre in Prescribed FMTTI format.
- ii. For Wheel Barrow, Nipping Machine and Agro-Processing Equipments: Original Equipment Manufacturer (OEM) / Manufacturer /Importer with valid commercial test reports from FMTTI or GoI identified testing center or test reports from the SAU and other GoI centers clearly indicating validity of test reports. In case validity of test reports are not indicated in the test report, validity of the test reports are considered as below:

SL No	Particulars	Initial Test report	Batch Test Report
1	GoI approved FMTTI test reports	7 years	9 years
2	Commercial test reports issued by other institutions other than FMTTIs (only for wheel barrow, Nipping Machine and Agro processing units)	5 years	-

Note: No performance Evaluation test reports shall be considered for empanelment in any of the schedules.

- iii. For Schedule H(1) (Pump sets): Original Equipment Manufacturer (OEM) / Manufacturer /Importer of Diesel/ petrol Engine with valid B.I.S. license on their name.
- iv. For H (2) (tractor operated pump set): Original Equipment Manufacturer (OEM) / Manufacturer /Importer of Pumps with valid B.I.S. license on their name.
- v. For H(3) (Solar Operated Pump Sets): Original Equipment Manufacturer (OEM) / Manufacturer as per MNRE guidelines having test reports from IEC/NABL/MNRE accredited labs such as National Institute of Solar Energy, Gurgoan and Electronic Quality and Development Center, Ahmedabad. Further, who have already empanelled by the Ministry of New and Renewable Energy, Government of India are only eligible to participate.
- vi. For Schedule I (Agriculture Drone): Manufacturer with valid type certificate (TC) on their name.
- vii. For Drone Transport/ Carrier EV Vehicle: Manufacturer with valid test report from ICAT (International Center for Automotive Technology) or ARAI (Automotive Research Association of India) or GARC (Global Automotive Research Center) or any other recognized institutes.

- (b) If the OEM or Manufacturer or Importer does not wish to raise the bills and receive farmer share/Government subsidy can appoint **maximum two Authorized entity (AE) that is one active and one substitute Authorized entity** for the entire State to raise the bills on their behalf subject to the below conditions.
- i. Manufacturer, who has participated in this RfP process, cannot become AE for the same sub schedules with other manufacturer.
 - ii. An AE can represent only one manufacturer for each sub schedule i.e., Schedule A(1), A(2), A(3), A(4) etc.,
 - iii. A Manufacturer/ Importer, who has participated in this RfP and wishes to appoint AE, should provide AE to same firm for all the machineries they wish to participate in this RfP process. A Manufacturer cannot participate as Manufacturer for certain sub schedules and cannot appoint AE for certain other sub schedules. Also, a Manufacturer cannot appoint schedule wise/ sub schedule wise / category wise different AE.
 - iv. For all purpose of this RfP, though a Manufacturer/Importer has participated and appointed AE as per the terms and conditions of this RfP, all the liabilities such as signing of technical and financial proposals, submission of PBG (in the name of Manufacturer/ Importer only), submitting response to queries during RfP evaluation stage etc., lies with the Manufacturer/ Importer and not with the Appointed AE.
 - v. In such an arrangement all the responsibility and accountability (including Tax payments) will be the responsibility of this **AE** and the Department will be free of any encumbrances or liabilities in all transactions.
 - vi. Only the active Authorized Entity is eligible to raise the bills on behalf of the Manufacturer. However, if the active Authorized Entity is removed or disqualified by the Manufacturer, the Substitute Authorized Entity will become Active Authorized Entity and will become eligible to raise bills on behalf of the Manufacturer.
 - vii. The empanelled firms are allowed to change the AE once in a year. However, reversion to cancelled AE is not allowed.
- (c) This RFP is being issued with no financial commitment and the Department of Agriculture, Government of Karnataka reserves the right to change or vary any part thereof at any stage. The Department also reserves the right to withdraw the RFP, should it become necessary at any stage without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.
- (d) If the applicant is an Importer, they will be eligible for submitting their proposal only on submitting an attested/certified copy of MOU / Agreement between them and the Exporter OEM.
Note: For all purposes of this RFP, an Importer is considered as Manufacturer subject to original manufacturer of an exporter shall not be participating in this RFP.
- (e) **Existing Liability to the Department:** The firms who wish to participate in this RfP should not have any existing liabilities with the Department of Agriculture, Government of Karnataka with respect to implementation of any of the schemes in the last two financial

years. In case, during scrutiny/ finalization of Empanelled list/ during Agreement Period, if it comes to the notice of the Department that any of the participating firms has liability to the Department action will be initiated by the concerned as deemed appropriate by the Department of Agriculture, Government of Karnataka.

- (f) All proposals (both Technical and Financial) must indicate unconditional acceptance of all terms and conditions of this RFP as per **Appendix 'A'** on Firms' letter head. If the Certificate is signed by legally authorized signatory, a copy of the authorization letter to be uploaded, failing which will be rejected.
- (g) **Performance Bank Guarantee (PBG):** The participating firms will be required to furnish a revocable and extendable Performance Guarantee from Nationalized Bank or Scheduled bank for an amount as indicated in **Appendix B** as per the model Bank Guarantee format in **Annexure XI**. Performance Bank Guarantee should be drawn in favor of **Director of Agriculture** valid up to 31.03.2028. The participating firm is required to submit Performance Bank Guarantee along with the Physical deposition (Technical Proposal cover) or within 1 (one) month from the Application / Proposal Submission End date (online). In case participating Firms does not submit Performance Bank Guarantee within the stipulated time period, such firms will *suo moto mutatis mutandis* render into rejection.

Account details for obtaining PBG:

Name of the Account Holder	: Director of Agriculture
Bank	: Canara Bank,
Branch	: Gandhi nagar
Place	: Bengaluru
A/c No.	: 04952010000722
IFSC Code	: CNRB0010495.

Note: Already empanelled firms who wish to participate in this RfP process should submit new Bank Guarantees as per the terms and conditions of this RfP. Furthermore, already submitted Bank Guarantees for empanelment process for the years 2022-23 and 2023-24 shall not be considered for this RfP process as the RfP processes are mutually exclusive.

- (h) **Centralized Coding:** The firms who wish to submit their proposal/proposals for empanelment of Farm Machinery as per Part II of this RfP should compulsorily possess the centralized coding system as per GoI office memorandum F.No.13-30/2023-M&T (I&P) dated 27.07.2023(**Appendix C**). The Centralized code of the farm machinery as per the Government of India guidelines shall be engraved/ embossed on the machine as below:
- i. The agricultural implement/ machinery costing Rs. 1 lakh and more should have laser cut serial number on the main frame which can be viewed from front side of the implement/ machinery and the implements/ machines on which laser serial number is not possible, should allow welding of laser cutting serial number plate on the location of the main frame which can be viewed from front side of the implement/ machinery.

- ii. The agricultural implements/ machinery costing less than Rs. 1.00 Lakh should have engraved serial number on the location of the main frame which can be viewed from front side of the implement/ machinery.
- iii. The implement/ machine having fiber or plastic body on which laser cutting serial number is not possible, such implement/ machine should have engraved serial number.
- iv. The laser cut coding serial number is applicable for the tractor operated implements/ machinery equipments.
- (i) **Specification Plate:** The copy of the specification plate for each Item and Model should be submitted along with the RFP separately for each of the items. The OEM / Manufacturers/ Importers shall provide standard specification plates on the Farm Machinery and Agro Processing Units providing all relevant information. Furthermore, the Specification Plate should have information with respect to the Toll Free Number of the Empanelled Firm.
- (j) **AI Telematics Kit:** The self propelled machines costing Rs. 1.00 Lakh and above such as tractors, power tillers, combine harvesters, sugarcane harvesters, paddy transplanters, crop reaper/ reaper cum binders, multi-tool bars etc., should be installed with app based AI-Powered telematics kit as standard attachment, that can track the live movement & location of machine and keep the daily record of work done by the machine as per GoI directions No: F.No.3-4/ 2020-M&T (I&P) (81291) dated: 02.05.23 (**Appendix D**).
- (k) **Submission of Technical Proposals by the applicant:** The Applicant is required to input all the required information which is complete in all aspects against each line item. **For each Sub Schedule for ex.A(1), A(2), A(3) there should be a separate Technical Proposal (Annexure I) by including all the different models or categories within the sub schedules.**
- (l) The empanelled firms shall provide warranty on the Farm Machinery and Agro Processing Units excluding Kisan Drones and Solar Operated Pump Sets for a period of 12 months effective from the date of supply.
- (m) For Kisan Drone, the empanelled firms will provide warranty for a period of 12 months plus 24 months AMC.
- (n) For Solar Operated Pump Sets, the empanelled firms will provide warranty for a period of 60 months. Accordingly, the participating Manufacturer firm should submit Declaration Certificate of warranty and availability of spares (**Annexure IIA, IIB & IIC**) during the warranty period for each item.
- (o) **Details of Delivery and Service Centers in Karnataka:** The Applicant is required to have delivery and Service Center in the area of their Operation District. The Applicant is required to submit details of the delivery and service centers as per the format in **Annexure III.**
- 2. **Earnest Money Deposit (EMD):** Proposals submitted by the firms who are participating for empanelment would need to be accompanied with proof of deposit of RfP/ application security for an amount of Rs. One Thousand only in KPPP.

3. **Technical Proposal (Annexure I):**

- a. **Bank Account:** The participating Firm should provide Bank account details (Participating Firms details & / AE details as applicable) as per to which the farmers share and Government subsidy is remitted.
- b. **Recipient ID:** The Empanelled firm& / AE should have only one Recipient ID linked to the bank account submitted in the technical proposal. If any of the firm has more than one Recipient ID, as well as different bank account other than submitted in Technical Proposal will be treated as violation of RfP terms and conditions and suitable action shall be initiated.
- c. **Commercial Test Reports:** The Commercial Test Reports valid as on date submitted by the participating firms shall be forwarded to concerned Testing Centre for confirmation pertaining to the genuinity of the test report. Only confirmed test reports are considered for further evaluation process. In case, during technical scrutiny, if any of the test reports are found not to have been issued by the concerned testing centre, such test reports shall not be considered for further evaluation and the participating firm shall *suo moto mutatis mutandis* render into rejection. Furthermore, in case, during technical scrutiny, if any of the test report submitted were found to be non valid (Validity expired), such test reports shall not be considered for further evaluation until the submission of valid test report for the same model.
- d. **BIS License:** The BIS license submitted by the participating firms shall be valid as on the date and same will be verified in ManakOnline portal of the BIS. Only valid and confirmed license are considered for further evaluation process. In case, during technical scrutiny, if any of the license are not found in the portal/ validity of the license is expired, such firms shall not be considered for further evaluation until the submission of valid license duly reflected in Manakonline portal.
- e. **Technical Details:** The serial number and the category name to be filled in as per the Serial Number and Category given in the RfP.
- f. **Manufacturing Premises:** The manufacturing premises of the participating firm will be inspected by the Department if found necessary at any point of the evaluation or during Agreement period. The participating firm should submit the details of the land ownership for manufacturing activity. In case the manufacturing premises is rented, then the participating firm to submit rental/ lease agreement. Furthermore, the participating firm to submit electricity bill of the manufacturing premises.
- g. **Annual Turn Over:** The firm, who wish to participate in this RfP, should have an average annual turnover of Rs. 200.00 Lakhs per year during any of the last two financial years of the last three financial years i.e., 2021-22, 2022-23 & 2023-24.

4. **Mode of RFP-** Open RFP of TWO COVER SYSTEM containing Technical Proposal (Annexure I) and Financial Proposal (Annexure V).

5. Clarification regarding contents of the RfP: Pre RfP meeting will be held on the specified date to seek clarification about RfP and uploading and Physical submission of the documents. Pre RfP meeting shall be held only for clarification and effecting essential changes in the RFP document.

6. Critical Dates – The critical dates with respect to the RFP are as follows:-

S.No.	Item	Date	Time
(a)	Published Date	09.12.2024	11.00 am
(b)	RfP/ Application Document Download	09.12.2024	11.00 am
I	Clarification Start Date	09.12.2024	11.00 am
(d)	Pre application/ RfP meeting Date, Time and Venue	21.12.2024, 11.00am, Sangama Hall, Commissionerate of Agriculture, Department of Agriculture, Sheshadri Road, Bengaluru- 01.	
(e)	Application/ Proposal Submission Start date	09.12.2024	11.00 am
(f)	Clarification End Date for applicants	27.12.2024	04.30 pm
(g)	Application/ Proposal Submission End date(Online)	08.01.2025	4.30 pm
(i)	Application / Proposal Submission End date (Physical)	09.01.2025	4.30 pm
(j)	Technical Proposal opening date (Online)	10.01.2025	11.00 am
(k)	Uploading of TEC Report	As per bid schedule	
(1)	Commercial Proposal Opening	As per bid schedule	
(j)	BG submission END date	10.02.2025	04.30 pm

(If due to any exigency, the due date for opening of the proposal is declared a holiday, the proposals will be opened on the next working day at the same time or on any other day/time, as intimated by the Department).

Manner of Depositing the Proposals-

The application shall be submitted both in online as well as physical deposition in the following manner:

7. ON LINE Technical Proposal Submission: On line technical Proposal should be uploaded in the e-Procurement portal which shall contain the Technical information mandatorily consisting of following scanned Documents converted in PDF format:-

- i. **Annexure I:** Technical Proposals for each of the Sub Schedule (including the Models/Category/ Type) separately.

- ii. Valid Industry Registration/renewal of registration certificate (MSME Certificate). The status of Applicant will be considered as existing on the date of Technical proposal opening.
- iii. Copy of the **GSTIN** Registration of the applicant firm and Authorized Entity where ever applicable.
- iv. Copy of the **PAN Card** of the applicant firm and Authorized Entity where ever applicable.
- v. **Bank details** of the Applicant Firm & Authorized Entity where ever applicable.
- vi. **Letter of Authorization**, authorizing Representative to participate in the RFP and to sign all the documents as per the terms and conditions of this RfP in the letter head of the applicant firm.
- vii. **Appendix A-** RFP Conditions Acceptance Certificate.
- viii. **Earnest Money Deposit (EMD):** Proof of deposit of RFP security for an amount of Rs. 1000/- (Rupees One Thousand Only).
- ix. **Performance Bank Guarantee-** Separately for each schedule/ sub schedule for an amount equal to as depicted in Appendix B.
- x. **Relevant and Valid test report from the authorized testing institution:** The Applicant who participate in this RfP are required to upload the first two pages which contains the name of the item, Model, test report number along with photo of the item and the last two pages of the test report containing valid signatures of testing institutions for the each of the item being quoted in the e-Procurement Platform. The file name should clearly indicate the name of the item and model.
- xi. **BIS License:** The Applicant who participates in this RfP are required to upload the license.
- xii. The copy of the specification plate.
- xiii. **Annexure II** - Declaration Certificate of warranty of both farm machineries and availability of spares.
- xiv. **Annexure III**-Details of Delivery and Service Centers in Karnataka.
- xv. **Annexure IV A**-Declaration certificate with respect to incorporation of **centralized coding** system as per GoI office memorandum F.No.13-30/2023-M&T (I&P) dated 27.07.2023.
- xvi. **Annexure IV B** -Declaration Certificate with respect to installation of app based **AI-Powered telematics kit**.
- xvii. **Annexure V:** Audited Average Annual Turn-Over Certificate for the last two Financial Years i.e., 2022-23 and 2023-24 on the letterhead of a Chartered Accountant.
- xviii. **Annexure VI:** Undertaking by the participating firms with respect to Existing Liability to the Department.
- xix. Check List as per **Annexure XA & XB** duly completed in all aspects.

8. Quoting the price – (ON LINE):The Applicant to quote the price of each model of Farm Machinery and Agro- Processing Units inclusive of GST (including GST %age) against each item in the e-Procurement Platform. If there is any discrepancy between the

numbers and the words with respect to price quoted in online and mentioned in financial proposal, whichever is less shall be considered. In case the GST amount is not specifically and separately shown, it will be presumed that the price is inclusive of GST.

Furthermore, to avoid confusion among the firms with respect to quoting price in the e-Procurement platform, only one slot against each of the model/ category is provided. In case if any of the firm who are interested to participate in this RfP and is quoting for more than 1 model in each category and whose prices are different {For Example A(3)(1)(A), A(4)(1)}, then the firms are advised to quote highest price among all the models that they are quoting for in the same category.

Illustrative example only

For example: If the firm is quoting for 4 models under Sub schedule A(3) MB Plough, Model/ category- Upto 30 HP Two Bottom Fixed MB Plough as below:

- Model 1 - Rs. 10000/-
- Model 2 - Rs. 11000/-
- Model 3 - Rs. 15000/-
- Model 4 - Rs. 12500/-

The firm is required to quote Rs. 15000/- that is the cost of Model 3 in the e-Procurement platform.

Furthermore, in Financial Proposal (Physical Deposition) as per Annexure VII, the firm is required to quote prices of all the models

- 9. Physical Deposition:** For the purpose of smooth evaluation of RFP process, the Applicants are required to submit hard copy of the schedule wise/ sub schedule wise Technical and Financial proposals also. The Hard Copy of all the documents needs to be deposited to Deputy Director of Agriculture(Farm Mechanization and Micro-Irrigation), Commissionerate of Agriculture, Seshadri Road, Bengaluru - 560001, in the specific / relevant RFP box on **09.01.2025 between 10.30 am to 04.30pm** in an envelope duly marked with RFP ID along with a covering letter under company letter head.

The Applicant should submit the following documents on or before due date of **Physical Deposition**.

A. Technical Proposal:

- i. Original Performance Bank Guarantee as per the condition.
- ii. The documents specified above in 7 and 8 for "On Line" submission, will also be required to be submitted in hard copies while physical deposition.
- iii. The complete test report relevant to the product.
- iv. Copies of Printed literature of the Farm Machinery and Agro Processing Units such as Operators Manual/Parts Catalogue/Service Manual (to be deposited with physical proposal)
- v. The copy of the specification plate.

- vi. Check List as per **Annexure XA & XB** duly completed in all aspects.

B. Financial Proposal:

- vii. **Annexure VII:** Separate Financial Proposal should be submitted for each of the sub schedule. Sl No and name of the category should be as mentioned in the Technical Proposal which is in accordance with the sl no and category name in the RfP document. The Prices should be quoted for each of the model as per the format.
- viii. **Annexure VIII:** neighboring states RC values along with relevant documents
- ix. **Annexure IX:** Declaration certificate of show causing MRP on their websites and show rooms.
- x. Check List as per **Annexure XB** duly completed in all aspects.

While Physical deposition of the Applications the following are to be noted:-

- i. If the documents are being sent through international/local courier service providers, the courier service provider may be advised to telephonically inform the person designated above for settling of queries related to the RfP applications before depositing the proposals in the designated RFP box to avoid rejection due to deposition of proposals in wrong RFP box.
- ii. The documents can also be sent by Speed/Registered post at the address given above so as to reach by the due date and time. No responsibility will be taken for postal delay or non-delivery/non-receipt.
- iii. The documents deposited in any other RFP box other than the specified box shall not be considered and will be rejected on account of non-compliance to RfP.
- iv. In case of non-receipt of Physical Documents, the online proposals will be considered as non-compliance to RfP & will be rejected.
- v. The envelope must have the RFP reference written on it along with Participating Firm name and address& applied sub schedule details.
- vi. Physical deposition sent by e-mail will not be considered.
- vii. The technical proposal will be summarily rejected for non-submission of any of the documents as specified in 7, 8 & 9 above.
- viii. Only those Physical documents that are found in the RFP box as well as e-Procurement portal will be evaluated.

10. Location of the RFP Box: Office of the Deputy Director of Agriculture (Farm Mechanization & Micro-Irrigation), Commissionerate of Agriculture, Seshadri Road, Bengaluru – 560 001.

11. Time & date of Opening of Technical Proposal: The online opening of technical proposals will be carried out on **10.01.2025 at 11.00am**

12. Place of opening of the Technical Proposal: Sambrama Hall, 'F' block, 3rd Floor, O/o Commissionerate of Agriculture, Seshadri Road, Bengaluru – 560 001.

13. Two –Cover system Evaluation Procedure:

- (a) The Technical Proposals shall be opened as per critical data sheet mentioned in this RFP document. Evaluation of Technical Proposals along with requisite documents received in physical form as well as documents uploaded online by the Applicant will be carried out off line by Technical Evaluation Committee (TEC). The TEC will confirm that the items being offered meet the requirement as asked in the RfP and the offers comply with the RfP Terms and Conditions. The final technical evaluation report will be uploaded on the e-Procurement Portal.
- (b) The Financial Proposals of only those Applicant whose technical Proposals meet all the stipulated (Technical) requirements (Technically eligible/qualified) shall be opened. The date of opening will be intimated to the Applicants through e-Procurement Portal/ by e-mail.
- (c) The sub schedule and category wise prices quoted by the firms shall be evaluated.
- (d) After evaluation subsidy will be fixed as per the Government of India and Government of Karnataka guidelines.
- (e) Department reserves the final rights with respect to fixing of Subsidy and or merging of any categories during the finalization of Empanelment.

14. The Department of Agriculture may change condition/s of the RFP document and notify it as addendum/ corrigendum post pre-RfP meeting on the website <https://kppp.karnataka.gov.in/>. These changes will form a part of the RFP conditions and replace all those which contravenes these from the date of pre-RfP meeting. After the pre-RfP meeting and issue of addendum/ corrigendum, it will be presumed that all the applicants irrespective of whether they have attended the pre-RfP meeting or not, have agreed with and understood all the terms and conditions of the RFP, its risks, implications and ramifications and are ready to abide by all the terms and conditions.

15. Modification and Withdrawal of Proposals.

15(A) During RfP validity period

The applicant firm may modify (resubmit)/ withdraw his/her proposal after submission and before deadline, as per the provisions available in the e-Procurement portal. No proposal shall be modified/ withdrawn after the deadline for submission of proposals.

15(B) During Agreement Period:

- (a) No proposal is allowed to be withdrawn during the Agreement period except with respect to the conditions stated as below.
 - i. Force Majeure event.

- ii. On account of unforeseeable events such as death of the empanelled firm's proprietor or any of the partners.
 - iii. Declared bankruptcy/ Closure of the firm.
 - iv. If the OEM / Manufacturer have declared the models approved in the empanelled list have stopped production.
 - v. Any other circumstances as deemed fit by the Department.
- (b) The empanelled firms who have appointed the AE are allowed to change the AE once in a year under special circumstances as listed below:
- i. Force Majeure event.
 - ii. On account of unforeseeable events such as death of the Authorized Entity firm's proprietor or any of the partners.
 - iii. In the event, the Authorized Entity's firm is blacklisted by any other organization/ PSU etc., including Department of Agriculture, Government of Karnataka.
 - iv. Authorized Entity's firm is declared bankruptcy.
 - v. Any other circumstances as deemed fit by the Department.

16. Rejection of Proposals: Canvassing by the Applicant/firm in any form, unsolicited letter and post-RFP correction may invoke summarily rejection with forfeiture of EMD. Conditional RFPs will be rejected.

17. Clarification regarding contents of the Proposals: During evaluation of Proposals, the Department may, at its own discretion, may seek clarifications from the applicant/Firm, with respect to the Proposal submitted by applicant/Firm. The request for clarification will be given in writing and no upward change in prices or substance of the proposal will be sought, offered or permitted. No post-proposal clarification submission on the initiative of the applicant will be entertained.

18. Unwillingness to quote. Applicants unwilling to quote should ensure that intimation to this effect reaches before the due date and time of opening of the proposal, failing which the defaulting applicant may be delisted for the given range of items as mentioned in this RfP.

19. Validity of Proposal and Agreement Period:

- a. The proposals submitted in the e-Procurement platform should remain valid till 12 months from the last date of the month of submission of the proposals, the proposal submission month counted as Zero.
- b. The Price proposals submitted along with the negotiated prices (considered for empanelment) shall be valid for a financial year or any extensions there off.
- c. During the Agreement period and any extensions there off, Model wise Price Acceptance letters/ price proposals shall be obtained from the Qualified Firms during the start of every financial year and after negotiations, empanel list/ Rate Contract shall be released if required.

PART II – ESSENTIAL DETAILS OF ITEMS/SERVICES REQUIRED

I. Schedule of Requirements –

- (a) Applicants should submit Commercial Test Report issued by FMTTI or GOI identified testing center or B.I.S. license for all the items except Wheel Barrow, Nipping Machine, Agro-Processing Equipments and Solar Operated Pump Sets. For Wheel Barrow, Nipping Machine and Agro-Processing Equipments, applicants can submit test reports of FMTTI or GOI identified testing center or SAU and other GoI centers. For Solar Operated Pump Sets, applicants to submit IEC/NABL/MNRE accredited test reports.
- (b) Models approved by GoI as on Technical Evaluation Report of Tractors, Power Tillers and Combined Harvesters are only eligible and considered for further evaluation.
- (c) All the test reports for models as detailed in the concerned annexure/ appendix of the schedules should have validity period (based on date of issue of FMTTI reports) during the RFP Validity and Agreement Period. If at any time, during RFP evaluation or Rate Contract, validity of the report expires; the applicant is required to submit renewal valid FMTTI report, failing which the models shall be dropped from further evaluation / Rate Contract Empanelment as the case may be.
- (d) If the applicant being an **OEM/manufacturer/ Importer** as per the RfP terms and conditions and upon evaluation are found to be qualified firms, such firms schedule wise, sub schedule wise, **models are deemed empanelled until the validity of the test reports or during Agreement Period(including any extension) whichever is earlier.** Furthermore, if the OEM/manufacturer submits renewal test reports on or before the expiry of the validity of the test reports/ BIS license, such models are continued to be deemed empanelled until the validity of the renewed test reports.
- (e) If the importer is empanelled or the empanelled firm is an importer, such firm's schedule wise, sub schedule wise, **models are deemed empanelled as per clause 1(d) above subject to the condition that such applicants submits renewal MoU agreement with the exporter OEM/ Manufacturer on the first day of the every financial year.** In case Importer holder does not submit renewal MoU agreement with the exporter OEM/ Manufacturer, the schedule wise, sub schedule wise, models pertaining to the exporter OEM/ Manufacturer, shall be immediately de-empanelled without any due notice to the concerned.
- (f) For all Schedules – The Specification plate should be riveted **or** permanent **sticker should be affixed** on the body of machine having applicable information's such as Name and Address of manufacture, Country of origin, Make, Model, Year of manufacture, Serial number, Type, Size, required size of prime mover (kW), Weight, (kg), Engine number, Engine HP, rated rpm and recommended tractor horse power.

- (g) Operator manual, Service manual and Parts catalogue should be provided.
- (h) All Farm Machineries supplied under subsidy schemes should be compulsorily provided with tool kits/ necessary tools for adjustment of implement under various conditions to the beneficiaries.
- (i) *During the RFP validity period / Agreement Period, if at any point the GoI removes certain models quoted in this RFP and subsequent RFP, such models shall stand Suo moto mutatis mutandis render into rejection and dropped from further evaluation process. Further, after empanelment if GoI removes any models from the approved list, such models will be removed from the empanelled list and delisted from the K Kisan portal.*
- (j) Where ever the diesel/ petrol engines and electric motors supplied separately or with the farm machineries should have BIS/ ISI marking on it and as per BIS/ISI Specifications.
- (k) The firms should compulsorily possess the centralized coding system as per GoI office memorandum F.No.13-30/2023-M&T (I&P) dated 27.07.2023 (Appendix C).
- (l) The firms who are participating under self-propelled machines costing Rs. 1.00 Lakh and above such as tractors, power tillers, combine harvesters, sugarcane harvesters, paddy transplanters, crop reaper/ reaper cum binders, multi-tool bars etc., should install app based AI-Powered telematics kit as standard attachment in the aforementioned machines, that can track the live movement & location of machine and keep the daily record of work done by the machine as per GoI directions No: F.No.3-4/ 2020-M&T (I&P) (81291) dated: 02.05.23 (Appendix D).
- (m) In case of Power Tillers and Combined Harvesters, firms are required to submit details of the test report such as Test Report number, date and year of issue and name of the testing center only. **No complete test report is required to be submitted for these machinery categories.**
- (n) In case of Tractors, firms are required to submit the part of test report which contains Test Report number, date and year of issue and name of the testing center along with relevant page of test report indicating whether the concerned model is 2 wheel or 4 wheel drive. **No complete test report is required to be submitted for this machinery category.**
- (o) All the Farm Machineries supplied under subsidy schemes as per the terms and conditions of this RfP should include system cost should include cost of installation, commissioning, transportation and taxes applicable.

A. Land Development , Tillage and Seed bed preparation Equipments:

Annexure to Schedule A

A(1). Tractors: Models approved by GoI / having valid test report as on due date of Technical Proposal submission

Details of categories and breakup based on HP and Drive

- a. Up to 20 PTO HP 2 Wheel Drive
- b. Up to 20 PTO HP 4 Wheel Drive

- c. 20-40 PTO HP 2 Wheel Drive
- d. 20-40 PTO HP 4 Wheel Drive
- e. 40-45 PTO HP 2 Wheel Drive
- f. 40-45 PTO HP 4 Wheel Drive
- g. More than 45 PTO HP 2 Wheel Drive
- h. More than 45 PTO HP 4 Wheel Drive

A(2). Power Tillers: Models approved by GoI / having valid test report as on due date of proposal submission

Note: The applicants who wish to participate under the Sub-schedule Power Tillers should abide by GoI Notification No.19/2015-2020 for revised import policy of Power Tillers and upload the license obtained from GoI as per the revised import policy.

A(3). Tractor / Power tiller Drawn Mould Board Plough

- Specifications as per the FMTTI/ GoI approved testing center's test report.
- **Categories**

Sl. No.	Type of MB Plough	Number of Bottom	Tractor HP	A. Regular	B. Boro n Steel
1.	Fixed	One Bottom	Upto 30 HP Mini series		
2.			30-45 HP		
3.			>45 HP		
4.		Two Bottom	Upto 30 HP Mini series		
5.			30-45 HP		
6.			>45 HP		
7.		Three Bottom	>40 HP		
8.		Four Bottom	>45		
9.	Reversible Mechanical	One Bottom	Upto 30 HP Mini Series		
10.			30-45		
11.			>45		
12.		Two Bottom	Upto 30 HP Mini Series		
13.			30-45		
14.			>45		
15.		Three Bottom	> 45		
16.	Reversible Hydraulic	One Bottom	Upto 45		
17.			>45		
18.		Two Bottom	35-45		
19.			45-55		
20.			>55		
21.		Three Bottom	> 45		

Mini Tractors = Upto 30 HP

Regular Tractor series = More than 30 HP

A(4). Tractor Operated Rotavator (or Rotary Tiller) /side shift Rotavator:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl. No.	Category	Minimum Width of Rotavator
1.	Rotavator/ Side Shift Rotavator	Up to 3 feet for Mini Tractors
2.	Rotavator/ Side Shift Rotavator	3 feet for regular tractors
3.	Rotavator/ Side Shift Rotavator	4 feet for Mini Tractors
4.	Rotavator/ Side Shift Rotavator	4 feet for regular tractors
5.	Rotavator/ Side Shift Rotavator	5 feet
6.	Rotavator/ Side Shift Rotavator	6 feet
7.	Rotavator/ Side Shift Rotavator	7 feet
8.	Rotavator/ Side Shift Rotavator	8 feet
9.	Rotavator/ Side Shift Rotavator	9 feet
10.	Double Shaft Rotavator	As per test report
11.	Roto Ridger	As per test report

Mini Tractors = Upto 30 HP

Regular Tractor series = More than 30 HP

A(5). Tractor Drawn Disc Plough:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Category
1	Two Disc Fixed
2	Two Disc Reversible
3	Three Disc Fixed
4	Three Disc Reversible
5	PTO operated disc plough

A(6). Tractor Drawn Disc Harrow:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Category
1	10 Disc
2	11 Disc
3	12 Disc
4	14 Disc
5	PTO operated Rotary disc Harrow - 5 Disc
6	PTO operated Rotary disc Harrow - 7 Disc
7	PTO operated Rotary disc Harrow - 9 Disc

A(7). Tractor Drawn Cultivators:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Category
1.	Upto 7 tynes without Spring (Rigid)
2.	9-11 tynes without Spring(Rigid)
3.	Upto 7 tynes with Spring (Rigid)
4.	9-11 tynes with Spring(Rigid)

5.	3 tynes without Spring(Rigid)Duck Foot Type Bar point
6.	5 tynes without Spring(Rigid)Duck Foot Type Bar point
7.	7 tynes without Spring(Rigid)Duck Foot Type Bar point

A(8). Tractor Drawn Leveler:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

A(9). Tractor Drawn Wet Land Cage wheel:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Category
1	Single Cage wheel with Disc puddler
2	Double cage wheel
3	Double cage wheel with peg leveler
4	Double Cage wheel with Disc puddler

A(10). Tractor Drawn Blade Harrow:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

A(11) Laser Guided Land Leveler:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

A(12) Tractor Drawn Sub Soiler/ Chiesel Plough

- Specifications as per the FMTTI/ GoI approved testing center's test report.

A(13) Tractor Drawn Back Hoe and Front mounted loader cum leveler (Doser)

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Categories:

Sl.No.	Categories
1	Back Hoe
2	Front mounted loader cum leveler (Doser)
3	Back Hoe and Front mounted loader cum leveler (Doser)

A(14). Tractor operated Rotary Plough/Power harrow:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl. No.	Category
1	Upto 4 blades (Rectangular flat type blades)
2	Upto 8 blades (Knife/ harrow type blades)
3	Upto 10 Blades (Knife / harrow type blades)
4	Upto 12 Blades (Knife/ harrow type blades)
5	Upto 14 Blades (Knife / harrow type blades)
3	Upto 16 Blades (Knife / harrow type blades)

A(15): Stone Collector

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sowing and planting Equipments

Annexure to Schedule B

B(1).Self Propelled Rice Transplanter / Paddy Planter:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Categories
1.	Min 4 rows Walk behind type
2.	Min 6 rows Walk behind type
3.	Min 4 rows Ride-On
4.	Min 6 rows Ride-On
5.	Min 8 rows Ride-On

B(2). Tractor Drawn Furrow Opener / Ridger/ bund former

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Categories
1	Two Furrow Opener / Ridger/bundformer
2	Three Furrow Opener / Ridger/ bund former
3	Five Furrow Opener / Ridger/ bund former
4	Raised Bed Former

B(3). Tractor / Power tiller / Power weeder Operated Seed cum Fertilizer Drill

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl No	Categories
1	Power Tiller / Power weeder operated 3 - 4 tynes
2	Tractor operated 5 - 7 tynes Rigid
3	Tractor operated 8 -11 tynes Rigid
4	Tractor operated 5 -7 tynes spring
5	Tractor operated 8 -11 tynes spring
6	Tractor operated Four row bt cotton precision planter (Mechanical)

B(4). Tractor Operated Pneumatic / vacuum precision planter

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Categories
1.	2 -4 rows
2.	5-7 Rows
3.	8-9 rows

B(5). Tractor / Power tiller Operated Zero Till Drill

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Categories
1	3 to 5 rows Power Tiller operated Zero Till Drill.
2	6 to 8 rows tractor operated Zero Till Drill.
3	9 rows tractor operated Zero Till Drill.
4	11 rows tractor operated Zero Till Drill
5	13 rows tractor operated Zero Till Drill.

B(6). Tractor Operated Roto Till Drill/Super Seeder

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Categories
1	Min 6 tynes Super Seeder / Roto Till Drill
2	Min 8 tynes Super Seeder / Roto Till Drill
3	Min 10 tynes Super Seeder / Roto Till Drill
4	Min 11 tynes Super Seeder / Roto Till Drill

B(7). Tractor Operated Fertilizer Broadcaster / Spreader

- Specifications as per the FMTTI/ GoI approved testing center's test report.

B(8). Direct Rice Seeder

- Specifications as per the FMTTI/ GoI approved testing center's test report.

B(9). Post Hole digger

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Category
1.	Battery operated
2.	Engine operated
3.	Engine operated Wheel Mounted
4.	Tractor operated

B(10). Tractor mounted Sugarcane Sett Cutter Planter:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

B(11). Multi-crop Transplanter:

- Suitable for multiple crops such as sugarcane and vegetables.
- Specifications as per the FMTTI/ GoI approved testing center's test report.

B(12). Broad Bed Furrow Planter:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl no	Category
1	Min 4 Tyne
2	Min 5 Tyne
3	Min 7 Tyne
4	Min 9 Tyne

B(13). Tractor operated seeder for mat type rice nursery:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Inter Cultivation Equipments

Annexure to Schedule C

C(1). Power operated Brush Cutter/ Weed Slasher

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Category
1.	2 stroke Petrol engine with min 2 attachments for tap & go/ autocut rope and 2 or 3 notched blade.
2.	4 stroke Petrol engine with min 2 attachments for tap & go/ autocut rope and 2 or 3 notched blade.
3.	Battery operated Brush Cutter

C(2). Power Weeder

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl. No.	Category	Power Source	Min. Power Capacity
1.	Self Propelled two row Power weeder	Petrol Engine	1.75 HP
2.	Self propelled multipurpose inter cultivator/	Diesel/Petrol Engine	3 - 6 HP
3.	Power Weeder	Diesel/Petrol engine	6 - 9 HP
4.	Self propelled Power weeder with Back Rotary	Diesel/Petrol engine	Min 4 HP
5.	Battery operated Tiller/ Weeder	As per test report	

C(3). Tractor operated Inter-Cultivation Equipments:

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Categories
1.	Inter Row Rotavator with 2 units
2.	Inter Row Rotavator with 3 units
3.	2 feet Reverse Forward Rotavator with upto 18 blades
4.	3 feet Reverse Forward Rotavator with upto 24 blades
5.	Inter row weeder (Inter cultivation equipment) Without Rubber Moulded Wheel.
6.	Inter row weeder (Inter cultivation equipment) With Rubber Moulded Wheel. *

* Those who have test report for inter cultivation equipments can also participate for Serial No.6 without exclusive test report.

C(4). Tractor operated rotary slasher

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Category
1	Tractor operated roto-slasher with Chain/ Rope
2	Tractor operated roto-slasher with Blade

C(5).Tractor operated Flail mower

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl.No.	Category
1	Width of machine min 1500 mm

C(6) Stubble Mower

- Specifications as per the FMTTI/ GoI approved testing center's test report.

C(7) Self Propelled Tool Bar

- Specifications as per the FMTTI/ GoI approved testing center's test report.

Sl No	Category
1.	Self Propelled Tool Bar 3 wheel
2.	Self Propelled Tool Bar 4 wheel

D.List of Tractor/Power Tiller/Power Operated Plant Protection Equipments

Annexure to Schedule D

For all equipments under D schedule - Safety wear - Mask, hand gloves, gum boots and goggles, aprons must be provided.

D(1) Knapsack Power sprayer

- Specifications as per the FMTTI/ GoI approved testing center's test report.

CATEGORIES

SI No	Category
1	Engine operated (Two stroke Petrol Engine of 21cc)
2	Engine operated (Four stroke Petrol Engine of 21cc)

D(2). Horizontal Double/Triple Piston Pump Sprayers:

- Specifications as per the FMTTI/ GoI approved testing center's test report

Categories:

- With 2 spray guns and 100 m hose pipe

Sl.No.	Type
1.	HDP/ HTP Sprayers upto 3 HP electric motor / petrol / Diesel Engine.
2.	HTP Sprayers with min 3 HP petrol / Diesel engine
3.	HTP Sprayer Pump only Without engine

D(3). Tractor Operated / Self Propelled Sprayers.

- Specifications as per the FMTTI/ GoI approved testing center's test report
- Tractor operated sprayers excluding Aeroblast/ Air assisted sprayer (SL no 10-12 below) should be provided with 100 mt length of 8.5 mm Hose pipe with Cotton Fibre threads/Synthetic Rubber/PVC

Specifications:

- With HTP pump.
- With Three Point linkage for tractor operated sprayers (excluding Air assisted/ aero blast sprayers).
- **Tank specifications:**
 - With Agitator
 - With Bottom Bowl for the collection of last drop of Chemical.
 - With Flush out ball valve.
 - With Pressure Regulator cum Relief Valve.
 - With the line Filter between Tank and Pump.
 - There must be Air Breather in the Tank Lid.
 - Optional attachment for Auto refilling of Tank
- Each Sprayer should be marked with Manufacturer's name or Registered trade mark, tank capacity and Batch or code nos
- With Hose Reel and Optional attachment Auto Rewinding System for Hose.

- Pump and spraying gun must be instant shut off and equipped with auto cut off device (Anti drip System)
 - PTO driven shaft with safety against overload and guard on shaft, strainer at filling hole for tractor operated sprayers(excluding Air assisted/ aero blast sprayers).
 - Provision of folding of boom.
 - Optional Provision for attachment for Boom with a standard distance of 50 cm between nozzles
- Specification for Boom Nozzles
- Anti Drip Ceramic Nozzles with distributor controller many fold.
- Optional provision for attachment in Aero blast Sprayer.
 - 200 lts tank as above
 - Fan unit specification -22 inch fan size with or without Gear Box
 - 2 way Brass anti drip ceramic nozzles

Sl.No.	Type of Tractor Sprayers
1	Min 200 lts Tank Capacity with 2 guns
2	Min 400 lts Tank Capacity with 2 guns
3	600 lts Tank Capacity with 2 guns
4	Min 200 lts Tank Capacity with boom size of 12 feet and Min 8 nozzles Boom Sprayer
5	Min 400 lts Tank Capacity with boom size 12 feet and 12 nozzles Boom Sprayer
6	500 lts Tank Capacity with boom size of 27 feet and 20 nozzles Boom Sprayer/ Self Propelled Boom Sprayer
7	Min 200 lts Tank Capacity with boom size of 12 feet and Min 8 nozzles Boom Sprayer with rubber moulded wheel
8	Min 400 lts Tank Capacity with boom size 12 feet and 12 nozzles Boom Sprayer with rubber moulded wheel
9	500 lts Tank Capacity with boom size of 27 feet and 20 nozzles Boom with rubber moulded wheel
10	Min 200 lts tank Aeroblast/ Air Assisted Sprayer
11	600 lts tank Aeroblast/ Air Assisted Sprayer
12	1500 lts tank Aeroblast/ Air Assisted Sprayer

* Those who have test report for sl no 4, 5 & 6 can also participate for Serial No. 7, 8 & 9 respectively without exclusive test report.

D(4). Tractor drawn inclined plate planter with pre-emergence herbicide strip applicator

Specifications as per the FMTTI/ GoI approved testing center's test report.

E. Harvesting & Threshing Equipments

Annexure to Schedule E

For all machineries and Categories under this schedule –

E(1).Engine /Tractor operated Thresher/Multi Crop Thresher

Minimum Requirement:

- Diesel Engine should have ISI/BIS markings and shall be as per ISI/BIS specifications.
- Thresher Suitability of crop - Cereals / Paddy / Soybean / Ground nut, etc.
- Multi Crop Thresher should be suitable for Min 2 crops.
- Set of three sieves for any three crops should be provided with MCT Viz.,of Paddy, Ragi, Jowar, Bajra, Maize, Sunflower, Wheat, Gram, Red Gram, Horse Gram, Soybean, Green gram, Black gram, etc.
- Walker model should have belt shield.
- Provision of adjusting concave clearance, changing cylinder/drum speed, changing air-flow rate, changing shaker unit speed, changing sieve inclination, easy replacement of sieves, Guards against all moving parts/drives, Guard over propeller shaft (if applicable), Protection against entry dust in bearings, stand for storage/parking, transportation of thresher, label/plate containing cautionary notices in vernacular languages and their pictorial representation as per Indian Standard, speed of threshing cylinder (RPM) – Must be provided.

Sl. No.	Categories
1.	Walker type (Tractor / Engine operated)
2.	Upto 10 HP Engine Operated with Engine
3.	Upto 10 HP Engine Operated without Engine
4.	Tractor PTO operated
5.	Tractor PTO operated side Tokri/ Bucket type MCT
6.	Tractor PTO operated back Tokri/ Bucket type MCT
7.	Tractor PTO Operated High capacity High Volume side Tokri / Bucket type MCT to thresh minimum six crops with min 800-1700 mm drum size and threshing capacity of more than 3 tones/ hour.
8.	Tractor PTO Operated High capacity High Volume back Tokri/ Bucket type MCT to thresh minimum six crops with min 800-1700 mm drum size and threshing capacity of more than 3 tones/ hour.
9.	Tractor PTO operated thresher / MCT with elevator & conveyor
10.	Upto 3 HP Motor operated MCT

E(2).Tractor Drawn Groundnut Digger

- Specifications as per the FMTTI/ GoI approved testing center's test report

Categories:

Sl.No.	Model / Type	Length of Cutting Blade
1.	Groundnut digger / Groundnut digger cum elevator	1800 mm cutting blade

E(3).Battery operated Cotton plucker/ Kapas Plucker:

- Specifications as per the FMTTI/ GoI approved testing center's test report

E(4). Groundnut Pod Stripper/Thresher:

- Specifications as per the FMTTI/ GoI approved testing center's test report

Sl.No.	Type	Categories
1	Tractor operated	Drum size 720 mm x 800 mm
2	Engine operated	Drum size 560 mm x 670 mm

E(5).Power operated Sugarcane Stripper:

- Specifications as per the FMTTI/ GoI approved testing center's test report

E(6). Maize Sheller:

- Electric motor / Diesel Engine Should have ISI/BIS markings and shall be as per ISI/BIS.
- Specifications as per the FMTTI/ GoI approved testing center's test report

Sl.No.	Categories
1	Electric Motor / Diesel Engine Maize Sheller
2	Power tiller operated Maize Sheller
3	Tractor operated Single Walker Maize Sheller
4	Tractor operated 20 HP Maize Sheller Double Speed
5	Tractor operated 25 HP Maize Sheller with De Husker
6	Tractor operated Maize Thresher with conveyor and elevator

E(7). Reapers and Reapers cum Binders:

- Specifications as per the FMTTI/ GoI approved testing center's test report

Sl.No.	Categories
1	Min 3 HP Self -Propelled Reaper
2	Min 10 HP diesel engine operated Self -Propelled Reaper cum Binder
3	>/ =25 HP Tractor operated Reaper
4	>/ = 35 HP Tractor operated Reaper cum Binder
5	Power tiller operated Reaper

E(8). Combined Harvester / Maize Harvester:

- Categories approved by GoI as on due date of Bid submission start date.

Sl.No.	Categories	Power Source
1	Tractor operated/Tractor Powered/TOT	As per specification
2	Self Propelled Track / Tyre type	Upto 35 KW
3	Self Propelled Track type	35 to 60 KW
4	Self Propelled Track type	61 to 90 KW
5	Self Propelled Track type	>90 KW
6	Self Propelled Wheel / Tyre type	35 to 60 KW
7	Self Propelled Wheel / Tyre type	61 to 90 KW
8	Self Propelled Wheel / Tyre type	>90 KW
9	Maize cutter bar	As per test report

Note: Applicants who hold test reports for Self Propelled Maize Harvester can also quote for category sl no 9 without separate test report.

E(9) Sugarcane Harvester:

- Categories approved by GoI as on due date of application submission.

F Equipments for Residue Management/Special equipment
Annexure to Schedule F

For all machineries and Categories under this schedule –

F(1). Trash cutter /Mulcher /Shredder

- Specifications as per the FMTTI/ GoI approved testing center's test report

Sl.No.	Categories
1	Tractor operated Mulcher /Shredder
2	Tractor operated Sugarcane Trash cutter/ Trash cutter
3	Min 5 HP Engine operated with blower& reversible gear

F(2). Tractor operated single row mobile shredder.

Specifications as per the FMTTI/ GoI approved testing center's test report.

F(3). Tractor operated Balers:

Specifications as per the FMTTI/ GoI approved testing center's test report

Sl.No.	Categories
1	Square Baler
2	Round Baler
3	Rectangle Baler

F(4). Shredder (Coconut Frond Chopper):

- Specifications as per the FMTTI/ GoI approved testing center's test report
- Motors or Diesel engine should have the ISI/BIS markings on them wherever applicable.

Sl.No.	Categories
1	Min 5 HP Motor operated shredder
2	Min 5 HP Engine operated shredder
3	5 HP Shredder without Engine or Motor
4	Min 10 HP Motor operated shredder
5	Min 10 HP Diesel Engine operated shredder
6	10 HP Shredder without Engine or Motor
7	Tractor Operated shredder
8	Wood Chipper

F(5).Chaff Cutter

- Motors or Diesel engine should have the ISI/BIS markings on them.
- Specifications as per the FMTTI/ GoI approved testing center's test report
- All models should have safety covers.

Sl.No.	Categories
1	Upto 3.0 HP Motor operated
2	3.0-5.0 HP Motor operated
3	> 5.0 HP Motor operated
4	Upto 3 HP Engine operated
5	3- 5 HP Engine operated
6	> 5.0 HP Engine operated

7	3 to 5 HP Chaff cutter cum Cattle Feed Machine
8	Upto 30 HP Tractor operated with wheel
9	Upto 30 HP Tractor operated without wheel
10	>30 HP Tractor operated with wheel
11	>30 HP and above Tractor operated without wheel

Note: Applicants who hold test reports for tractor operated chaff cutter can participate for both with wheel and without wheel category.

F(6).Tractor operated Plastic Mulch Laying Machine:

Specifications as per the FMTTI/ GoI approved testing center's test report

F(7). Tractor Operated Rake

Specifications as per the FMTTI/ GoI approved testing center's test report

Sl.No.	Categories
1	Upto 35 HP Tractor Operated
2	>35 HP Tractor Operated

F(8).Tractor operated Rice Straw chopper cum spreader

Specifications as per the FMTTI/ GoI approved testing center's test report

F(9).Silage Baler and Wrapper:

Specifications as per the FMTTI/ GoI approved testing center's test report

F(10). Stubble Shaver (Ratoon Manager) with Fertilizer Box:

Specifications as per the FMTTI/ GoI approved testing center's test report.

F(11).Cotton stalk uprooter:

Specifications as per the FMTTI/ GoI approved testing center's test report

Sl.No.	Categories
1	750 mm cutting width

F(12).Areca Plate maker:

Specifications as per the FMTTI/ GoI approved testing center's test report

Sl.No.	Categories
1	4' Plate Maker
2	6' Plate Maker
3	12' Plate Maker

F(13). Agro waste Plate maker:

Specifications as per the FMTTI/ GoI approved testing center's test report

F(14) Banana Fibre Extraction Equipment

Specifications as per test report

F(15) Briquette/ Pellet Making Machine

Specifications as per test report

F(16) Nipping Machine

Specifications as below or as per the FMTTI/ GoI approved testing center's test report or any state agriculture university test report

Sl. No.	Categories
1	Solar / battery operated single line
2	Solar / battery operated two line
3	Solar / battery operated three line

Post Harvest & Agro Processing Equipments

Annexure to Schedule G

G(1). Dal Processor with De-husker, Blower, Pre-Grader and Broken Seed Separator

- **Specifications as below or as per the test report**
- Electric Motors should have ISI/BIS markings.
- Husk separation – Husk separation through aspirator assembly

Categories:

SI No	Category
1	Min 2 HP Electric motor operated.
2	Min 3 HP Electric motor for de husking, blowing and for grading
3	Min 5 HP Electric motor operated
4	Min 10 HP Electric motor operated

G(2). Rice Mill / Rice Huller/ Rice Polisher

- **Specifications as below or as per the test report:**
- Electric Motors should have ISI/BIS markings.

Categories:

Sl.No.	Categories	Minimum Power Source
1	Rice Mill/Huller (Dehusker)	1 HP Electric Motor Single Phase
2	Rice Mill/Huller (Dehusker)	3 HP Electric Motor, Single Phase
3	Rice Mill	5 HP Electric Motor with Pre-Cleaner & Elevator
4	Rice Huller	7.5 HP Electric Motor with Pre-Cleaner & Elevator
5	Rice Mill	10 HP + 1 HP Electric Motor with Pre-Cleaner & Elevator
6	Combined Rice Mill with Pulverisor	5 HP Electric Motor
7	Combined Rice Mill with Polisher	As per test report
8	Tractor operated Rice Mill	As per test report

G(3). Oil Expeller

G(3)A. Mini Oil Expellers:

- Specifications as below or as per the test report
- Electric Motors should have ISI/BIS markings.

Sl.No.	Categories	Number of Bolts and Bolt Size
1	3 HP	As per test report
2	5HP	Four bolts of 450 mm x 80 mm Size
3	10 HP without filter press	Six bolts of 600 mm x 110 mm Size
4	10 HP with filter press*	Six bolts of 600 mm x 110 mm Size

*Those applicants who have test report for 10 HP Mini Oil Expeller are eligible to participate for under serial 4 without separate test report.

G(3)B. Table Top Mini Oil Expellers:

- Specifications as below or as per the test report.
- Fitted with Single Phase Electric Motor.
- Stainless body.

Sl.No.	Categories
1	Min 400 watts
2	Min 1 HP

3	Min 2 HP
4	Min 3 HP

G(3)C. Electric motor operated Rotary type Oil Expellers

- Specifications as below or as per the test report
- Hopper & Oil collector – Stainless Steel
- Crushing parts (Pestle & Mortar)
 - For Wooden model - Hard Wood Construction.
 - For other than wooden models - Wear resistant Cast Steel

Sl.No.	Categories
1	2 HP
2	3 HP (Wooden Model)
3	3 HP
4	5 HP
5	7.5 HP
6	10 HP without filter press
7	10 HP with filter press

G(3)D. Filter Press for Oil Expellers

Specifications as per the test report or performance evaluation report

G(4). Polishing Machine (Pearler)

- Specifications as below or as per the test report
- Electric Motors should have ISI/BIS markings.
- Suitable for Ragi/ Rice/ Wheat/ Minor Millets/ Rice

Sl.No.	Categories
1	2.5HP Electric motor operated (2.0 HP + 0.5 HP)
2	3-5 HP Electric motor operated

G(5).Ragi Cleaning Machine / Destoner

- Specifications as below or as per the test report
- Motors should be of ISI/BIS markings.

Sl.No.	Categories
1.	2½ HP Electric Motor operated(2.0 HP + 0.5 HP)
2.	3 HP Electric Motor operated
3.	Tractor Operated

G(6). Diesel Engine/ Motor Operated Sugarcane Crusher Unit

- Specifications as below or as per the test report
- Diesel Engines/ Motor should have ISI/BIS markings

Sl No	Category
1	5 HP Crushing Unit (roller size upto 165 mm) with Diesel Engine/ Motor.
2	5 HP Crushing Unit (roller size upto 165 mm) without Diesel Engine/ Motor.
3	7.5 HP Crushing Unit (roller size upto 216 mm) with Diesel Engine/ Motor.
4	7.5 HP Crushing Unit (roller size upto 216 mm) without

	Diesel Engine/ Motor.
5	10 HP Crushing Unit (roller size upto 216 mm) with Diesel Engine/ Motor.
6	10 HP Crushing Unit (roller size upto 216 mm) without Diesel Engine/ Motor.
7	10 HP Crushing Unit (roller size upto 304 mm) with Diesel Engine/ Motor.
8	10 HP Crushing Unit (roller size upto 304 mm) without Diesel Engine/ Motor.

G(7). FlourMill.

- Specifications as below or as per the test report
- Flour mills with Burr stone (Emery) type.
- Electric motors with ISI/BIS markings.
- Both Horizontal and Vertical Flour Mill.

Sl.No.	Categories(Electric motor operated)
1	Min 2 HP Flour Mill
2	Min 5 HP Masala Flour Mill
3	Min 3 HP Flour Mill
4	Min 5 HP Flour Mill
5	Min 7.5 HP Flour Mill
6	Min 10 HP Flour Mill
7	Min 2 HP Wet flour Mill

G(8). Electric Motor Operated Pulverizers

G(8)(A) SS/ Aluminum Pulverizer:

Specifications:

- Arms (hammers) and body made of stainless steel/ Aluminum;
- SS sieves – 4 Nos &
- Suitable for grinding

Categories:

Sl No	Minimum HP
1	1 HP
2	2 HP
3	3 HP
4	5 HP
5	7.5 HP
6	10 Hp Single Headed Pulverizer Single stage / cutting type
7	10 Hp Single Headed Pulverizer Double stage / cutting type
8	10 Hp Double Headed Pulverizer Double stage / cutting type

G(8)(B) MS Pulverisor:

Specifications:

- Arms (hammers) and body made of MS;
- SS sieves – 4 Nos &
- Suitable for grinding

Sl No	Minimum HP
1	3 HP
2	5 HP

3	7.5 HP
4	10 Hp Single Headed Pulverizer Single stage / cutting type
5	10 Hp Single Headed Pulverizer Double stage / cutting type
6	10 Hp Double Headed Pulverizer Double stage / cutting type
7	10 Hp Triple Headed Pulverizer Double stage / cutting type
8	15 Hp Triple Headed Pulverizer Double stage / cutting type

G(9). Rava / Cattle Feed Machine

Specifications as below or as per the test report:

- Electric motors with ISI/BIS markings.
- With aspirator/ blower

Sl.No.	CATEGORIES
1	3 HP Electric Motor operated
2	5 HP Electric Motor operated
3	10 HP plate type Electric Motor operated

G(10). Electric motor operated Chilly Pounding Machine

Specifications as below or as per the test report:

- Electric motors with ISI/BIS markings.

Sl.No.	Category
1	1 HP Double bar
2	2 HP Double bar
3	3 HP Double bar
4	2 HP Triple bar

G(11). Shavige / Vermi Celli Machine

Specifications as per the test report:

- Electric motors with ISI/BIS markings.

Sl.No.	Categories
1	1 HP Electric Motor operated
2	2 HP Electric Motor operated

G(12). Sugarcane Juice Extractor

Specifications as below or as per the test report:

- Electric motors/ Engine with ISI/BIS markings.

Sl.No	Categories
1	1 HP Electric Motor / Engine
2	2 HP Electric Motor/ Engine

G(13). Electric Motor Operated Papad/Roti making Machine

Specifications as below or as per the test report:

- Electric motors with ISI/BIS markings.
- Two Roller

Sl.No.	Categories
1	Min 0.5 HP
2	Min 0.5 HP with automatic conveyor
3	Min 1.0 HP
4	Min 1.0 HP with automatic conveyor
5	Min 2.0 HP
6	Min 2.0 HP with automatic conveyor

**G(14).Pre-Cleaner For Minor Millets(Minor Millet Processing Units)
Specifications as below or as per the test report:**

- The motor used in the machine should have ISI/BIS markings.
- Suitable for all Minor Millets
- Screens 5 sets with different apertures suitable for different millets

G(15).Minor millets De-Stoner/ De-stoner cum grader cum aspirator

Specifications as below or as per the test report:

- The motor used in the machine should have ISI/BIS markings.
- Suitable for all Minor Millets

Sl.No.	Categories/Type
1	Minor millets De-Stoner
2	De-stoner cum grader cum aspirator

Note: The applicant who are participating in G(5) category can also participate under G(15) category also with the same test report with an additional declaration stating that 5 sets of screens suitable for millets will be provided.

**G(16). Minor Millets Dehuller /Minor millet dehuller cum grader:
Specifications as below or as per the test report:**

- Suitable for dehulling Minimum 2 types of Minor Millets
- Integrated Husk separation unit –Aspiration / Blowing system for separation of un hulled grains and broken grains.
- Integrated Grading unit for separation of un hulled grains and broken-With multiple sets of screens suitable for different millet
- Electric motor with ISI/BIS mark.

Sl.No.	Categories/Type	Power Source
1.	Single Stage Minor Millets Dehuller	2 to 5 HP Single phase or Three Phase Electric Motor
2.	Double stage Centrifugal dehuller (Double chamber)	3 – 7.5 HP Single phase or Three Phase Electric Motor
3.	Minor millets de huller (rubber roll sheller type)	3 – 5 HP Single phase or Three Phase Electric Motor

G(17). Grader / Pulse Grader / Decorticator cum Grader

- Specifications as per the test report

G(18). Grain Dryers:

- Specifications as per the test report

G(19). Sunflower/ Safflower Dehuller:

- Specifications as per the test report

G(20). Grain Roaster:

- Specifications as per the test report

H(1): Diesel / Petrol Engine operated Irrigation Pumps

- Only engine manufacturers with Valid BIS license i.e., IS11170:1985 for Diesel Engine, IS 11501:1986 for Mono Blocs and IS 7347/1974 for Petrol Start Engine on their name are eligible to participate in this RfP.
- Diesel engine and Pump shall have ISI markings i.e., IS11170:1985 for Diesel Engine and IS 6595:2002 Part I for Pump, IS 11501:1986 for Mono Blocs and IS 7347/1974 for Petrol Start Engine.
- The Participating firms should submit BIS certification for every single model of the manufacturer with mention of the model name with valid certificate for BEE Star Rating
- **Engine Type :** Horizontal/Vertical
- Separate BIS license for the quoted Irrigation Pumps models to be enclosed. In case, the pump is being outsourced from other manufacturers, BIS licence of the pump manufacturer along with consent letter/agreement copy from the concerned pump manufacturer is to be submitted.
- Supplier must mention the models quoted for each specification/category as appearing in their BIS certificate.
- Diesel / Petrol Run Engine operated Irrigation Pumps should be supplied with accessories like pump, suction pipe of 6 mts, delivery pipe of 3 mt, foot valve, trolley/Frame, 2 nipples, 3 hose clamps etc.
- **Categories**

Sl.No.	Categories
1	Min 1.5 HP, air cooled, Petrol engine operated
2	Min 3.0 HP, air cooled, Petrol engine operated
3	Min 4.0 HP, air cooled, Petrol engine operated
4	Min 5.0 HP, air cooled, Petrol engine operated
5	Min 4.0 HP, air cooled, Diesel engine operated
6	Min 5.0 HP, air cooled, Diesel engine operated
7	Min 10.0 HP, air cooled, Diesel engine operated
8	Min 3.5 HP, water cooled, Diesel engine operated
9	Min 5.0 HP, water cooled, Diesel engine operated
10	Min 6.0 HP, water cooled, Diesel engine operated
11	Min 8.0 HP, water cooled, Diesel engine operated
12	Min 10.0 HP, water cooled, Diesel engine operated

H(2) : Tractor Operated Pump: Only Pump manufacturers with Valid BIS license (IS 6595:2002 Part I for pump) on their name are eligible to participate in this RfP.

- Pump should be fitted with stand and with all the accessories to fit to the Tractor PTO.

H(3) Solar operated Pump set:

General Conditions:

- Manufacturers of Solar PV Module or Solar Pump or Solar Pump Controller using indigenous technology are only eligible to participate in this RfP.
- The Empanelled Firm shall be responsible for design, supply, installation and commissioning of Solar Operated Pump Sets along with 5 years repair and maintenance.
- The Empanelled Firms shall take all necessary permits, approvals and licenses, insurance etc., provide training and such other items and services required to complete the scope of work.

- iv. Solar Operated Pump Sets installed under subsidy schemes should meet technical specifications and constructions as specified by BIS and MNRE from time to time.
- v. Only indigenously manufactured solar panels with indigenous solar cells and modules must be supplied to the beneficiaries under subsidy schemes. Further, the motor pump set controller and balance of system should also be manufactured indigenously.
- vi. Empanelled Firm should submit an O&M manual in both English and Kannada language. The manual should be provided with each pumpset to the beneficiary. The following minimum details must be provided in the manual.
 - a. Basic principles of PV system.
 - b. A small write-up (with a block diagram) on Solar Operated Pump set- its components, PV Module, Electronics and expected performance.
 - c. A simple single line diagram (SLD) depicting the electrical circuits and control mechanism.
 - d. Type, model number, voltage and capacity of the motor used in the system.
 - e. The make, model number and country of origin of each component.
 - f. Significance of indicators.
 - g. Clear instruction on regular maintenance and troubleshooting of the pump sets.
 - h. Preventive maintenance schedule.
 - i. Detained information about warranty coverage.
 - j. Do's and Don'ts.
 - k. Name and address of the contact person for repair and maintenance in case of non-functionality.
 - l. Description of frequent faults of PV module and pump and its remedies.
- vii. The O&M cost for 5 years should be inbuilt with the system cost.
- viii. The Empanelled firms should mandatorily provide CMC for a period of 5 years from the date of commissioning of the systems including insurance coverage for the installed systems against natural calamities and theft. CMC will include inspection by the Empanelled Firm at least once in a quarter and submission of quarterly inspection report of the installed pumps as per prescribed format. Empanelled Firm shall provide a copy of valid insurance certificate of Solar Operated Pump Set to the beneficiary and the same shall be renewed every year.
- ix. The complete Solar Operated Pump Set shall be warranted and maintained for 5 years from the date of installation. The maintenance service provided shall ensure proper functioning of the system as a whole. All preventive/ routine maintenance and breakdown/ corrective maintenance required for ensuring maximum uptime shall have to be provided.
- x. Empanelled Firm should ensure all safety guidelines, rules and regulations, labor laws etc., The Empanelled Firm indemnifies the Department for any accident, injury met by its labour, employee or any other person working for him and no liability lies with the Department of Agriculture, Government of Karnataka.
- xi. Categories

Sl.No.	Categories
1	Min 1.0 HP

2	Min 2.0 HP
3	Min 3.0 HP

- xii. List of materials to be supplied with DC Motor Solar Operated Pump Sets-

SI No	Material Description	Unit	1.0 HP	2.0 HP	3.0 HP
			QTY	QTY	QTY
1	Solar pump+ Motor + Controller/VFD (DC) compatible (with 5 year warranty, maintenance & insurance)	Nos	1	1	1
2	Poly crystalline Solar Panels with 325wp and above capacity	Nos	3	6	9
	Or				
	Mono crystalline Solar Panels with 535wp and above capacity		2	4	6
3	Module Mounting Structures	Set	As specified under MNRE Technical guidelines		
4	Change over switch		32A	32A	32A
6	DC MCB 2 Pole		32A	32A	32A
7	Surge protection device		1000V	1000V	1000V
8	DC cable from controller to pumpset (4.0 sq. mm)	MTR	Min 20 MTR	Min 20 MTR	Min 20 MTR
9	Earthing ROD Kit (1M) i. For structure ii. For lightening arrester structure	Nos	1 1	1 1	1 1
10	Lightening arrester structure (3M)	Nos	GI ¾ inch 10 feet length		
11	Enclosure Box	Nos	1	1	1

I : Battery operated Agricultural /Kisan Drone

1. Schedule of Requirements:

Only manufacturers of Hexcopter drones who have been registered under Digital Sky Platform of the GoI and have Type certificate are eligible to participate in this RFP.

2. Category of Drones:

SI No	Category	Small {I(1)}	Medium {I(2)}
1	Weight	less than or equal to 25 kgs	less than or equal to 150 kgs
2	Minimum Tank capacity	8 lt	10 lt
3	Minimum Battery Capacity	16000 mAH	21000 mAH
4	Minimum endurance with full pay load	9 min	12 min
5	No. of Battery set	1+4	1+4

3. Suggested list of items/ accessories and ancillaries in the Drone package:

- A. Drone with spraying assembly, 1 set Batteries, Downward facing camera, Dual Channel fast Battery Charger, 2X Battery Charger Hub with 6 ports, Anemometer, pH meter and Drone Box, Additional Landing Gear with 1 year onsite warranty of all items.
- B. Additional Items for Drone
 - a. 04 Spare Battery Sets
 - b. 02 spare propeller set (Each Set contains 6 Propellers)
 - c. Petrol Portable Manual Generator (03 KVA)
 - d. Centrifugal Nozzle with mounting attachment (Minimum 2 Nos), Hollow Cone High Pressure Atomizing Nozzle (Minimum 4 Nos) and Flat Jet Spray Nozzle (Minimum 4 Nos)
 - e. Dual Channel Fast Battery Charger
 - f. Battery Charger Hub with 6 Ports
- C. RPTO Training with Remote Pilot Certificate from DGCA plus additional flying training of agriculture drone and Drone Assistant Training.
- D. Annual Maintenance Contract (AMC) for 2 years after the expiry of warranty period
- E. Comprehensive Insurance for Drone
- F. Applicable GST.
- G. The empanelled Manufactures shall provide a warranty for the Drone and its components excluding battery for one year from the date of supply to the Buyer. Further, manufacturer should attend service within 15 days after raising complaint from the buyer without any demure or dispute if they are found to have manufacturing defects or workmanship defects after the Drone starts operating during the warranty period.

Note: The price quoted by the participating should be inclusive of all the Suggested list of items/ accessories and ancillaries detailed under clause 3(A) to (G) above.

4. Drone specifications

- i. Drone should have foldable arms.
- ii. Manual, autonomous & semi-autonomous
- iii. Return to home in case of low battery, loss of communication, manual RTL, empty tank, battery drained, mission complete and other fail-safe features.
- iv. Geo fencing capabilities.
- v. Sensor- based collision avoidance,
- vi. Terrain following radar system.
- vii. First person view camera,
- viii. Auto-return to launch point etc.
- ix. Smart battery fails safe features.
- x. High precision navigation system upto 3 meter.
- xi. Minimum range of 0.5 Km within the line of sight.
- xii. Tank material should be HDPE or other corrosion resistant material.
- xiii. Remote controller along with android system/compatible OS and having min 5.5 inch screen display (1920x1080, 1000cd/m²) or a remote controller which has linked to mobile display (mobile should be supplied by the manufacturer)
- xiv. Drone should be capable for application of nano fertilizers and pesticides.
- xv. Minimum speed of operations of drone shall be 2.5 m/s with 100 percent payload and maximum may be as per the DGCA Guidelines.
- xvi. Drone spraying operations, shall have assistive technology for spraying of chemicals starting from 0 to 100 percent discharge rate of chemicals, based on the requirement of the crops and standard package of practices. That means discharge rate shall vary from 0 to 100 percent in steps
- xvii. Software for drone operations shall have lifetime validity and subscribed from authorized software companies

5. General conditions and specifications are as below.

- i. Kisan Drone means an Unmanned Aircraft System (UAS) under Small and Medium category as per The Drone Rules-2021 of MoCA, GoI and further amendments if any.
- ii. Type Approval Certificate of Quality Council of India or authorized testing entities as specified by DGCA shall be mandatory.
- iii. The Type certificate/Specifications of Kisan Drones shall be approved by the Director General of Civil Aviation(DGCA)'
- iv. The Manufactures shall submit self-declaration copies of all Technical Compliances/Documents of the Drone specifications.
- v. The empanelled manufacturer should have proper setup and infrastructure for Drone manufacturing in India. The department may inspect the manufacturer premises at any time.
- vi. Each Kisan Drone shall be registered and obtain a Unique Identification Number (UIN) at digital sky platform of DGCA and subsequently it should be transferred to buyer before obtaining subsidy.
- vii. All Drone Policies or guidelines as issued by the MoCA and DGCA shall be strictly adhered by the Manufactures/Suppliers during the period of Drone Supply and Operation.

- viii. The Operations or Usage of Kisan Drone in providing agriculture services shall be as per the Standard Operating Procedures (SOPs) and any other guidelines already issued or will be issued by the Department of Agriculture & Farmers Welfare (DoA&FW), GoI or by the Government of Karnataka.
- ix. The empanelment of Manufacturer either wholly or pertaining to particular Drone Type will automatically get terminated before its prescribed tenure if the manufacturer is black listed or terminated or suspended or has adverse remarks from the MoCA or DGCA or any concerned government authority.
- x. In the event of any component getting broken or damaged during installation and trial run at the site before handing over the system to the customer the Supplier shall replace the same at free of cost.
- xi. E.P.R (Extended Producer Responsibility) shall be mandatory for batteries which is a policy framework that holds manufacturers responsible for the life cycle of their products, including their disposal and recycling i.e. e-waste management.
- xii. ETA (Equipment Type Approval) certificate shall be mandatory.
- xiii. Multi option on up gradation of Drone shall be provided
- xiv. The empanelled Manufactures should take the responsibility for any disputes arising from the supply of Drones leading to damage or malfunctioning of the system.
- xv. The empanelled Manufactures must provide a "user manual or operational guidelines" for operation and maintenance of the Drone to the buyers/ farmer.
- xvi. There shall be campaigns by the empanelled Manufactures at various locations along with the departmental officials, Drone owners, farmers & any others related persons covering the various aspects like Drone Operation, Drone Technology and usage in different activities of agriculture etc.
- xvii. The empanelled Manufactures shall abide by and upgrade any specification or technology or directions prescribed as and when by the MoCA, DGCA, MoA&FW and Government of Karnataka for the Drone Supplied during the life time of Drone.
- xviii. The empanelled Manufactures shall provide any information or data either offline or online regarding operation of the Kisan Drone during its lifetime as may be asked by any legal or authorized Government Authorities.
- xix. The empanelled Manufactures shall register in any portal (refer Clause 7 below) that will be specified by the GoI or Government of Karnataka as and when required with respect to Drone Supplied.
- xx. The empanelled Manufactures shall inform the empaneling authority if they are black listed or suspended or put with adverse remarks in any manner by the DGCA or MoCA or any other related Government Entity related to their firm or the Drone type empanelled here within 5 days of such occurrence.
- xxi. The empanelment document shall indicate unconditional acceptance of all terms and conditions on the Firm's letter head. If the Documents or Certificate is signed by legally authorized signatory, a copy of the authorization letter to be submitted, failing which will be rejected.

- xxii. The Department is free to take strong punitive measures as mentioned in this document including and not limited to forfeiting of bank guarantee/ security deposits, blacklisting against erring empanelled manufacturers and initiate legal proceedings as required in order to safeguard the interests of farmers/buyers and to ensure effective utilization of public fund.
- xxiii. Due to normal wear and tear, if any parts / components require repairing / replacement after the warranty period, the same shall be supplied or replaced or repaired at the cost of the buyer for a minimum period of 2 years post AMC.
- xxiv. If any Manufacturer fails to provide such service, appropriate action will be taken against them, including and not limited to forfeiting of bank guarantee/ security deposits and blacklisting.
- xxv. After sale services support has to be provided for at least 5 years.
- xxvi. Copies of report and certifications to be given to buyer on demand at the time of supplies.
- xxvii. All the Drones supplied under the scheme must have laser embossing on the canopy/ cowl of drones as "SMAM SCHEME"
- xxviii. Quality checks of the drones supplied under SMAM scheme shall be carried out by Farm Machinery Training & Testing Institutes, ICAR Institutes and KVKs by way of checking the drones selected through random sampling. The expenditure towards the checking of drones through random sampling shall be met by the concerned drone manufacturer.

6. Drone Training:

- i. Drone Training shall be provided by the Empanelled firms as per the Government of India "NAMO DRONE DIDI" guidelines vide number F.No.3-3(Drone)/2023-M&T (I&P) (137552) dated 27.10.2024.
- ii. The Empanelled firm should make an arrangement to provide mandatory drone pilot training and additional training for agriculture purpose for nutrient and pesticide application for 15 days to the Drone beneficiary and assistant Drone Training to one of the members of the beneficiary family (excluding beneficiary) with inclination to take up repairs of electrical goods and fitting and mechanical works. The empanelled firm shall provide these training as a package along with the supply of drones.
- iii. The Training shall cover drone flying, understanding provisions of Drone Rules, SOPs for nutrient and pesticide application, drone flying practice and minor repair and maintenance of Drones.
- iv. The training for agriculture purpose shall be conducted by a team consisting of drone manufacturers, experts from central/ state institutes like SAUs, KVKs, ICAR etc., Both the parts of the training will be preferably conducted in continuation and will be at the same venue.
- v. The Empanelled firm should provide Drone Pilot Training and additional training for agriculture purpose for nutrient and pesticide application.
- vi. The empanelled firm to provide Drone Assistant training.

- vii. These trainings shall be provided as a package (along with supply of drones) and shall be conducted at Remote Pilot Training Organization (RPTO) approved by DGCA.
- viii. All activities of training shall be undertaken and monitored through the drone portal.
- ix. The empanelled Manufactures shall provide necessary trainings or support or information to the Drone Pilot regarding effective and efficient use of Drone technology for the Chemical Spraying, Fertilizers Spraying, and plant growth regulators spraying along with OEM training.

7. Drone Portal:

- (i) Effective monitoring will be through an IT based Management Information System (MIS) developed by GoI under NAMO DRONE DIDI scheme.
- (ii) It will act as end-to-end software for service delivery and monitoring.
- (iii) The portal will track operations of each drone and provide live information on drone usage.
- (iv) The portal will have integration with the AIF potal.

J. Transportation Machineries

J(1) Tractor Trolleys

Specifications as per FMTTI test reports

Suitable for transportation of Combined Harvesters

J(2). Self-propelled load cart (Wheel Barrow)

- Specifications as per testing center's test report

Sl.No.	Minimum Power Source	Min loading capacity , Kg
1	1.6 HP	125 Kg
2	4.8 HP	350 Kg

J(3) Drone transport / Carrier EV Vehicle:

Specifications as per testing center's report

General Conditions:

- Vehicle type- Electric 3 Wheeler.
- Vehicle Category- L5 N
- Minimum Load carrying capacity- 550 kgs and above.
- Vehicle should have motor with min rate power of 8 kw with peak power in excess of 10 kw.
- Generator set to be provided to charge batteries of Drone.
- Minimum battery capacity of the vehicle: 11 kw and above.
- A charger to charge batteries.
- Requirements of Drone box in the vehicle.
 - Space to carry drone safely.
 - Space to carry minimum 4 spare batteries for drone operation.
 - Space to carry required fertilizers and pesticides.
 - Space to carry Generator Set
 - Space for a charger to charge the batteries.

II. Technical Details:-

- (i) Specifications of as applicable – as per this RfP
- (ii) Technical details with technical parameters –As per this RfP
- (iii) Requirement of training/on-job training – Yes
- (iv) Requirement of installation/commissioning – Yes
- (v) Requirement of Technical documentation – As per RfP
- (vi) Nature of assistance required after completion of warranty – Easy availability of spare parts
- (vii) Requirement of pre-site/equipment inspection – As per Part IV of RfP.
- (viii) Any other details, as considered necessary – NIL

The specification of the Farm Machinery and Agro Processing Units should conform to the specification as indicated in this RFP. The conformity of specification will be examined with reference to the test report of the particular equipment submitted with the proposals.

III. Delivery Period –Delivery period for supply of Farm Machinery and Agro Processing Units shall be 10 days from the date of issue of work order by the concerned Taluka Assistant Director of Agriculture. If the delivery in at least 10 cases is delayed beyond contracted delivery period during the Agreement Period, the Contract may be cancelled unilaterally by the Department in case Farm Machinery and Agro Processing Units are not delivered within the contracted delivery period. Extension of contracted delivery period will be at the sole discretion of the Department, with applicability of LD clause.

PART-III STANDARD CONDITIONS OF RfP

The Applicant/ firm is required to give confirmation of their acceptance of the Standard Conditions of the Request for Proposal (RfP) mentioned below which will automatically be considered as part of the Contract concluded with the successful Applicant/ firm (i.e. Empanelled Firm in the Contract) as selected by the Department, Failure to do so may result in rejection of the proposal submitted by the OEM / Manufacturers/ Importers as the case may be.

1. **Law.**- The Contract shall be considered and made in accordance with the laws of the Government of India. The contract shall be governed by and interpreted in accordance with the laws of the Government of India and or Government of Karnataka.
2. **Effective Date of the Contract.**- The contract shall come into effect on the date of signatures of both the parties on the contract (Effective Date) and shall remain valid until the completion of the obligations of the parties under the contract. The deliveries, supplies and performance of the services shall commence from the effective date of the contract.
3. **Arbitration.**- Any dispute or difference or claim arising out of, or in connection with, or relating to the present contract or the breach, termination or invalidity thereof, shall be referred & settled under Arbitration Center, Karnataka (domestic and international) rules 2012. Arbitrator in this case will be Additional Chief Secretary cum Development Commissioner.
Arbitration proceedings shall be held in Bengaluru & language of the arbitration proceedings and that of all documents and communications between the parties shall be **English**.
4. **Penalty for use of Undue influence.**-The applicant/ firm undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the Department or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with Government of Karnataka for showing or forbearing to show favour or disfavor to any person in relation to the present Contract or any other Contract with the Government of Karnataka. Any breach of the aforesaid undertaking by the Applicant/ firm or any one employed by him or acting on his behalf (Whether with or without the knowledge of the Applicant/ firm) or the commission of any offers by the Applicant/ firm or anyone employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle the Department to cancel the contract and all or any other contracts with the Applicant/ firm and recovery from the Applicant/ firm the amount of

any loss arising from such cancellation. A decision of the Department or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Applicant/ firm. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the Applicant/ firm towards any officer/employee of the Department or to any other person in a position to influence any officer/employee of the Department for showing any favour in relation to this or any other contract, shall render the applicant/ firm to such liability / penalty as the Department may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Performance Bank Guarantee and refund of the subsidy paid by the Department.

- 5. Agents / Agency Commission:** The Applicant/ Firm confirms and declares to the Department that the Applicant/ Firm is the OEM /Manufacturer /Importer of the Farm Machinery and Agro Processing Units /provider of the services referred to in this Contract and has not engaged any individual of firm, whether Indian or foreign whatsoever, to intercede, facilitate or in any way to recommend to the Government of Karnataka or any of its functionaries, whether officially or unofficially, to the award of the contract to the Applicant/ Firm , nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or recommendation. The Applicant/ Firm agrees that if it is established at any time to the satisfaction of the Department that the present declaration is in any way incorrect or if at a later stage it is discovered by the Department that the Applicant/ Firm has engaged any such individual/firm, and paid or intended to pay any amount, gift, reward, fees, commission or consideration to such person, party, firm or institution, whether before or after the signing of this contract, The Applicant/ Firm will be liable to refund that amount to the Department. The Applicant/ Firm will also be a right to consider cancellation of the contract either wholly or in part, without any entitlement or compensation to the Applicant/ Firm who shall in such an event is liable to refund all subsidies made by the Department in terms of the contract along with interest at the rate of 2% per annum above LIBOR rate. The Department will also have the right to recover any such amount from any contracts concluded earlier with the Government of Karnataka.
- 6. Access to Books of Accounts:** In case it is found to the satisfaction of the Department that the Applicant/ Firm has engaged an Agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agents/Agency Commission and penalty for use of undue influence, the Applicant/ Firm, on a specific request of the Department, shall provide necessary information / inspection of the relevant financial documents/information.
- 7. Non-disclosure of Contract documents.** Except with the written consent of the Department /Applicant/ Firm, other party shall not

disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

- 8. Liquidated Damages.** In the event of the Applicant/ Firm's failure to submit the Bonds, Guarantees and Documents, deliver Farm Machineries as per this RfP within the contracted delivery period, etc as specified in this contract, the Department may, at his discretion, withhold any payment until the completion of the contract. The Department may also deduct from the Applicant/ Firm as agreed, liquidated damages to the sum of 0.5% of the contract price of the delayed/undelivered Farm Machinery and Agro Processing Units mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 10% of the value of delayed Farm Machinery and Agro Processing Units/services.
- 9. Termination of Contract:** The Department shall have the right to terminate this Contract in part or in full in any of the following cases:-
- (i) The delivery of the material is delayed for causes not attributable to Force Majeure for more than 01 (one) months after the scheduled date of delivery.
 - (ii) The Empanelled Firm is declared bankrupt or becomes insolvent.
 - (iii) The delivery of material is delayed due to causes of force Majeure by more than 01 (one) months provided force Majeure clause is included in contract.
 - (iv) If the Department has noticed that the Empanelled Firm has utilized the services of any Indian/Foreign agent in getting this contract and paid any commission to such individual/company etc.
 - (v) As per decision of the Arbitration Tribunal.
 - (vi) When the Empanelled Firm including AE fails to honor any part of the contract including failure to deliver the contracted Farm Machinery and Agro Processing Units/render service in time.
 - (vii) Any special circumstances, which must be recorded to justify the cancellation or termination of a contract.
- 10. Notices:** Any notice required or permitted by the contract shall be written in the English language and may be delivered personally or may be sent by registered pre- paid mail /airmail, addressed to the last known address of the party to whom it is sent.
- 11. Transfer and Sub-letting:** The Empanelled Firm has no right to give, bargain, sell, assign or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.
- 12. Patents and Other Industrial Property Rights:** The prices stated in the present Contract shall be deemed to include all amounts payable for the use of patents, copyrights, registered charges,

trademarks and payments for any other industrial property rights. The Empanelled Firm shall indemnify the Department against all claims from a third party at any time on account of the infringement of any or all the rights mentioned in the previous paragraphs, whether such claims arise in respect of manufacture or use. The Empanelled Firm shall be responsible for the completion of the supplies including spares, tools, technical literature and training aggregates irrespective of the fact of infringement of the supplies, irrespective of the fact of infringement of any or all the rights mentioned above.

13. Amendments: No provision of present Contract shall be changed or modified in any way (including this provision) either in whole or in part except by an instrument in writing made after the date of this Contract and signed on behalf of both the parties and which expressly states to amend the present Contract.

14. Taxes and Duties:-

- (i) If Empanelled Firm desires to ask for Goods and Services Tax extra, the same must be specifically stated. In the absence of any such stipulation, it will be presumed that the prices include all such charges and no claim for the same will be entertained.
- (ii) If reimbursement of any Duty/Tax is intended as extra over the quoted prices, the Applicant/ Firm must specifically say so. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of such duty/tax will be entrained after the opening of RFPs.
- (iii) If a Applicant/ Firm chooses to quote a price inclusive of any duty/tax and does not confirm inclusive of such duty/tax so included is firm and final, he should clearly indicate the rate of such duty/tax and quantum of such duty/tax included in the price. Failure to do so may result in ignoring of such offers summarily.
- (iv) If a Applicant/ Firm is exempted from payment of any duty/tax upto any value of supplies from them, he/ she/ they/ it should clearly state that no such duty/tax will be charged by him/ her/ them/it up to the limit of exemption which he may have. If any concession is available in regard to rate/quantum of any Duty/tax, it should be brought out clearly. Stipulations like, the said duty/tax was presently not applicable but the same will be charged if it becomes leviable later on, will not be accepted unless in such cases it is clearly stated by a Applicant/ Firm that such duty/tax will not be charged by him even if the same becomes applicable later on. In respect of the Applicant/ Firm s, who fail to comply with this requirement, their quoted prices shall be loaded with the quantum of such duty/tax which is normally applicable on the item in question for the purpose of comparing their prices with other Applicant/ Firm.
- (v) Any change in any duty/tax upward/downward as a result of any statutory variation in excise taking place within contract terms shall be allowed to the extent of actual quantum of such

duty/tax paid by the Manufacturer. Similarly, in case of downward revision in any duty/tax, the actual quantum of reduction of such duty/tax shall be reimbursed to the Buyer (farmer) by the Empanelled Firm. All such adjustments shall include all reliefs, exemptions, rebates, concession etc. if any obtained by the Applicant/ Firm.

15. Goods and Services Tax (GST).

- (i) Where the GST is payable on advalorem basis, the Applicant/ Firm should submit along with the RFP, the relevant form and the Manufacturer's price list showing the actual assessable value of the Farm Machinery and Agro Processing Units as approved by the Excise authorities.
- (ii) Empanelled Firms should note that in case any refund of GST is granted to them by Excise authorities in respect of Farm Machinery and Agro- Processing Units supplied under the contract, they will pass on the credit to the Buyer (farmer) immediately along with a certificate that the credit so passed on relates to the GST, originally paid for the Farm Machinery and Agro- Processing Units supplied under the contract. In case of their failure to do so, within 10 days of the issue of the GST refund orders to them by the Excise Authorities the Buyer (farmer) would be empowered to deduct a sum equivalent to the amount refunded by the Excise Authorities without any further reference to them from any of their outstanding bills again
- (iii) Not the contract or any other pending Government Contract and that no disputes on this account would be raised by them.

16. Octroi Duty & Local Taxes.

- (i) In case where the Municipality or other local body insists upon payment of these duties or taxes the same should be paid by the Empanelled Firm to avoid delay in supplies and possible demurrage charges.

17. Penalties for Non-Compliances, Violations and Non-Performance:

- A) Under following circumstances punitive actions will be imposed.
 - a) Violations of terms and conditions of RfP.
 - b) If the material supplied by the Empanelled firm does not meet the specific standards Or Non supply of machineries as per the bill and duly in conformity with the specification.
 - c) Empanelled firm raising false bills and raising the bills without supply.
 - d) Delayed deliveries/supply
 - e) The information provided by the Empanelled Firm is found to be factually false or misleading.
 - f) Supplying the materials without sanction/supply order from the Department.

- g) If Quoted price or supply price at the department is more than the prevailing market price.
- h) Noncompliance to after sale and service.
- i) Non maintenance of spare parts.

B) Penalties

- a) Delayed In the event of failure of the Empanelled firm to execute the order within the specified period, i.e., within 10 days from the date of intimation, the order shall be treated as cancelled and such Empanelled firm shall be blacklisted in case delay in execution of supply order exceeds 10 cases, with due liberty to the indenting officer (District Joint Director of Agriculture /Deputy Director of Agriculture/ Taluka Assistant Director of Agriculture) to make alternate arrangement for supply of the item as per the demand of the Beneficiary. The difference of cost of item and any other cost incurred to ensure timely supply to the beneficiary by the Indenting Officer and in addition, 2% of the total value of accepted rates for the item shall be recovered from the defaulting supplier apart from punitive measures.
- b) If any information provided by the Empanelled Firm is found to be factually false or misleading such firm will be summarily disqualified and will be removed from the empanelled list any time during the evaluation period & or agreement period of the RfP and liable for penalties as applicable.
- c) The Payment (both Government and Farmer share) will not be made for the implements/ equipments supplied without sanction/supply order issued by the department and in addition a penalty of 5% on the total value of other equipments supplied as per the sanction/supply order issued by the Department will be levied.
- d) The Department is free to take punitive measures against erring Empanelled Firms in order to safeguard the interests of farmers and to ensure effective utilization of public funds.

Punitive measures including and not limited to forfeiting of EMD, Performance Bank Guarantee, blacklisting against erring empanelled firms along with withholding the pending subsidy in the entire state.

PART-IV SPECIAL CONDITION OF RfP

The OEM / Manufacturers/ Importers is required to give confirmation of their acceptance of Special Conditions of the RfP mentioned below which will automatically be considered as part of the Contract concluded with the successful OEM / Manufacturers/ Importer (i.e. Applicant/ Firm in the Contract) as selected by the Department, Failure to do so may result in rejection of proposal submitted by the OEM / Manufacturers/ Importer.

1. Performance Guarantee.

- (a) As part of Technical Proposals, the Applicant/ Firm will be required to furnish a revocable and extendable Performance Guarantee by way of Bank Guarantee from Nationalized Bank or scheduled bank for an amount as indicated in Appendix Bas per the model Bank Guarantee format in **Annexure XI**. Performance Bank Guarantee should be valid up to 31.03.2028 or Agreement Period whichever is later.
- (b) If the Applicant/ Firm is submitting the Performance Bank Guarantee along with the technical proposal (Annexure I), such firms can upload a copy of the Performance Bank Guarantee in e-procurement platform and submit original bank guarantee on the day of Physical deposition as per the terms and conditions of this RfP
- (c) In case, if the Applicant firm are unable to obtain the Performance Bank Guarantee on or before the Application / Proposal Submission End date (online), such firms are required to submit Performance Bank Guarantee within 1 (one) month from the Application / Proposal Submission End date (online).

The performance bank guarantee will be forfeited in the events of following:

- (i) Violation of any of the conditions of the RfP document
- (ii) Non-supply of Farm Machinery and Agro- Processing Units as per standard specification.
- (iii) Not providing the after sales service to the customers within 48 hours during the warranty period of the machines.
- (iv) Critical and major breakdowns in the Farm Machinery and Agro- Processing Units.

Note: The successful empanelled firm is required to submit schedule wise Agreement (on Rs. 500 stamp paper).

- ### **2. Payment Terms**
- It will be mandatory for the Applicant/ Firm to indicate their bank account numbers and other relevant payment details so that payments could be made through ECS/ NEFT mechanism instead of payment through cheques, wherever feasible.

The Applicant/ Firm are required to declare the bank account details for receiving of Farmer's share and subsidy amount. The Applicant/ Firm will not be allowed to change the bank account details during the Agreement

period for reasons other than RBI guidelines/ merging of banks/ any specific valid reason approvals subject to sole discretion of the Department.

3. Process of supply of Farm Machinery and Agro- Processing Units and payment of subsidy by the Government:

- (a) The Buyer (farmer) will submit application to the Department of Agriculture through K-KISAN portal for availing the Farm Machinery and Agro- Processing Units from any of the empanelled firms.
- (b) After verifying the entire document submitted along with application, the Department Officer based on the annual action plan, shall issue Sanction Order to the farmer indicating the total cost of the Farm Machinery and Agro- Processing Units, Farmer share and Government Subsidy.
- (c) The Buyer Farmer may opt to make full payment of total cost of the item applied or pay the farmer share amount after deducting the amount of applicable subsidy or purchase on loan. The subsidy amount will be paid after supply, installation and commissioning of Farm Machinery and Agro Processing Units along with farmer certificate of complete Installation and successful commissioning
 - (i) In case the buyer makes full payment of the Farm Machinery and Agro- Processing Units to the empanelled firm, the applicable subsidy will be transferred to the Buyer (farmer) account after submission of relevant documents to the concerned Department Officers.
 - (ii) In case the Buyer (farmer) pays the cost of Farm Machinery and Agro- Processing Units after deducting the applicable subsidy amount, the amount of subsidy will be transferred to the empanelled firm, account after supply, installation and commissioning of the Farm Machinery and Agro- Processing Units along with Buyer (farmer) certificate of complete Installation and successful commissioning.
 - (iii) In case the Buyer (farmer) procures the machinery on loan, the Government Subsidy shall be transferred to his loan account.
- (d) Upon payment of the farmer share amount, the empanelled firm shall be provided with work order for delivery/supply of the Farm Machinery and Agro- Processing Units.
- (e) The empanelled firm within the delivery period should deliver the Farm Machinery and Agro- Processing Units to the farmer.

4. Advance Payments: No advance payment(s) will be made.

5. Paying Authority—State Department of Agriculture, Government of Karnataka through concerned Taluka Assistant Director of Agriculture (as the case may be). The payment will be made on submission of the following documents by the empanelled firm to the Paying Authority along with the bill:-

- (i) Copy of Supply Order/Contract issued by the concerned Taluka Assistant Director of Agriculture.
- (ii) Any other document / certificate that may be provided for in the Supply Order / Contract including uploading of e-Way bills and other relevant documents in the K-KISAN portal.
- (iii) Guarantee / Warranty certificate.
- (iv) Ink-signed copy of contingent bill by the empanelled firm.
- (v) Ink-signed copy of Commercial invoice by the empanelled firm.
- (vi) Completion of Post Inspection in K-KISAN portal.

6. Fall clause: The following fall clauses will form part of the contract placed on successful empanelled firm:

- i. The price charged for the Farm Machinery and Agro- Processing Units supplied under the contract by the empanelled firm shall in no event exceed the lowest prices at which the empanelled firm sells them or offer to sell them of identical description to any persons/Organization including the purchaser or any department of the Central Government or any Department of state government or any statutory undertaking of central or state government as the case may be during the period till performance of all supply orders placed during the currency of the rate contract is completed.
- ii. If at any time, during the said period the empanelled firm reduces the sale price, sells or offer to sell such Farm Machinery and Agro Processing Units to any person/organization including the Buyer (farmer) or any Dept, of central Govt., or any Department of the State Government or any Statutory undertaking of the Central or state Government as the case may be at a price lower than the price chargeable under the contract shall forthwith notify such reduction or sale or offer of sale wishes not later than 30 days from the date of such sale to the Director Department of Agriculture, Government of Karnataka and the price payable under the contract for the Farm Machinery and Agro Processing Units of such reduction of sale or offer of the sale shall stand correspondingly reduced. The above stipulation will, however, not apply to:-
 - a. Exports by the empanelled firm.
 - b. Sale of goods as original equipment at price lower than the prices charged for normal replacement.
 - c. Sale of goods at lower price on or after the date of completion of sale/placement of the order of goods by the authority concerned under the existing or previous Rate Contracts as also under any previous contracts entered into with the Central or State Govt. Depts., including their undertakings excluding joint sector companies and/or private parties and bodies.

7. Risk & Expense clause:

- i. Should the Farm Machinery and Agro Processing Units or any installment thereof not be delivered within the time or times specified in the contract documents, or if defective delivery is made in respect of the Farm Machinery and Agro Processing Units or any installment thereof, the Buyer (farmer) shall after granting the

- empanelled firm 45 days to cure the breach, be at liberty, without prejudice to the right to recover liquidated damages as a remedy for breach of contract, to declare the contract as cancelled either wholly or to the extent of such default.
- ii. Should the Farm Machinery and Agro Processing Units or any installment thereof not perform in accordance with the specifications /parameters provided by the empanelled firm during the check proof tests to be done in the Buyer (farmer)'s country, the Buyer (farmer) shall be at liberty, without prejudice to any other remedies for breach of contract, to cancel the contract wholly or to the extent of such default.
 - iii. In case of a material breach that was not remedied within 45 days, the Buyer (farmer) shall, having given the right of first refusal to the empanelled firm be at liberty to purchase, manufacture, or procure from any other source as he thinks fit, other Farm Machinery and Agro Processing Units of the same or similar description to make good:-
 - (a) Such default.
 - (b) In the event of the contract being wholly determined the balance of the Farm Machinery and Agro Processing Units remaining to be delivered there under.
 - iv. Any excess of the purchase price, cost of empanelled firm, or value of any Farm Machinery and Agro Processing Units procured from any other Manufacturer as the case may be, over the contract price appropriate to such default or balance shall be recoverable from the empanelled firm.

8. Force Majeure Clause.

- i. Neither party shall bear responsibility for the complete or partial non-performance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non-performance results from such Force Majeure circumstances as flood, Fire, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after the conclusion of the present contract.
- ii. In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.
- iii. The party for which it becomes impossible to meet obligations under this contract due to Force Majeure conditions, is to notify in written form the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 10 (Ten) days from the moment of their beginning.
- iv. Certificate of a Chamber of Commerce (Commerce and Industry) or other competent authority or organization of the respective country shall be sufficient proof of commencement and cessation of the above circumstances.
- v. If the impossibility of complete or partial performance of an obligation lasts for than 6 (six) months, either party hereto

reserves the right to terminate the contract totally or partially upon giving prior written notice of 30 (Thirty) days to the other party of the intention to terminate without any liability other than reimbursement on the terms provided in the agreement for the goods received.

- 9. Specification:** The following Specification clause will form part of the contract placed on successful empanelled firm– The empanelled firm guarantees to meet the specifications as per Part-II of RfP and to incorporate the modifications to the existing design configuration to meet the specific requirement of the Buyer (farmer) Services as per modifications/requirements recommended after the Maintenance Evaluation Trials. All technical literature and drawings shall be amended as the modifications by the empanelled firm before supply to the Buyer (farmer). The empanelled firm, in consultation with the Buyer (farmer), may carry out technical up gradation/alterations in the design, drawings and specifications due to change in manufacturing procedures, indigenization or obsolescence. This will, however, not in any way, adversely affect the end specifications of the Changes in technical details, drawings repair and maintenance techniques along with necessary tools as a result of up gradation/alterations will be provided to the Buyer (farmer) free of cost within 90 days of affecting such up gradation/alterations.
- 10. OEM Certificate:** In case the Manufacturer is not the Original Equipment Manufacturer (OEM), the agreement certificate with the OEM for sourcing the spares shall be mandatory. However, where OEMs do not exist, minor aggregates and spares can be sourced from authorized empanelled firm subject to quality certification.
- 11. Earliest Acceptable Year of Manufacture:** All Farm Machinery and Agro- Processing Units should be brand new and manufactured during the current year of contract or thereafter. Quality certificate/test report will need to be enclosed with the Bill upon request by the concerned officer at the district level.
- 12. Transportation:** The following Transportation clause will form part of the contract placed on successful empanelled firm:-
 - (a) The Farm Machinery and Agro- Processing Units shall be delivered to the Buyer (farmer) of the State of Karnataka.
 - (b) The date of issue of receipt by the Buyer (farmer) shall be considered as the date of delivery.
- 13. Quality :**The quality of the Farm Machinery and Agro- Processing Units delivered accordingly to the present contract shall correspond to the technical conditions and standards / specifications enumerated as per RfP and shall also include therein modifications to the machines and equipment suggested by the Department. Such modifications will be mutually agreed to. The empanelled firm confirms that the Farm Machinery and Agro Processing Units to be supplied under this contract shall be new i.e. not manufactured before (year of contract), and shall incorporate all the latest

improvements and modifications thereto and spares of improved and modified equipment are backward integrated and interchangeable with some equipment supplied by the empanelled firm in the past if any. The empanelled firm shall supply a performance guarantee certificate and literature on dismantling and assembly procedure.

14. Quality Assurance: The item should be of the latest manufacture, conforming to the current production standard and having 100% defined life at the time of delivery.

15. Inspection Authority: The inspection will be carried out on 100% deliverables by representatives of the Department. The mode of inspection will be self-certification by the empanelled firm at the time of dispatch that the machines and equipment have been successfully tested before dispatch followed by inspection at Buyer (farmer)'s premises.

16. Franking Clause: The following Franking Clause will form part of the contract placed on successful empanelled firm:-

- i. **Franking Clause in the case of Acceptance of Goods** – The fact that the goods have been inspected after the delivery period and passed by the inspecting Officer will not have the effect of keeping the contract alive. The goods are being passed without prejudice to the rights of the Buyer (farmer) under the terms and conditions of the contract.
- ii. **Franking Clause in the case of Rejection of Goods** – The fact that the goods have been inspected after the delivery period and rejected by the Inspecting Officer will not bind the Buyer (farmer) in any manner. The goods are being rejected without prejudice to the rights of the Buyer (farmer) under the terms and conditions of the contract.

17. Claims: The following Claims clause will form part of the contract placed on Successful empanelled firm:-

- i. The claims may be presented either: (i) on quantity of the Farm Machinery and Agro Processing Units, where the quantity does not correspond to the quantity shown or (ii) on quality of the machines and equipment, where quality does not correspond to the quality mentioned in the contract.
- ii. The quantity claims for deficiency of quantity shall be presented within 45 days of completion of inspection and acceptance of goods. The quantity claim shall be submitted to the empanelled firm.
- iii. The quality claim for defects or deficiencies in quality noticed during the inspection shall be presented within 10 days of completion of inspection and acceptance of machinery and equipment. Quality claims shall be presented for defects or deficiencies in quality noticed during warranty period earliest but not later than 10 days after expiry of the guarantee period.
- iv. The empanelled firm shall collect the defective or rejected goods from the location nominated by the Buyer (farmer) and deliver the repaired or replaced goods at the same location under empanelled firm arrangement.

18. Warranty: The following Warranty will form part of the contract placed on the successful empanelled firm:-

- i. Except as otherwise provided in the invitation RFP, the empanelled firm hereby declares that the Farm Machinery and Agro- Processing Units supplied to the Buyer (farmer) under this contract shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars contained/mentioned in contract. The empanelled firm hereby guarantees that the said Farm Machinery and Agro- Processing Units would continue to conform to the description and quality aforesaid for a period of 12 months from the date of acceptance Farm Machinery and Agro- Processing Units after inspection. If during the aforesaid period of 12 months the said Farm Machinery and Agro- Processing Units be discovered not to conform to the description and quality aforesaid not giving satisfactory performance or have deteriorated, and the decision of the Buyer (farmer) in that behalf shall be final and binding on the empanelled firm and the Buyer (farmer) shall be entitled to call upon the empanelled firm to rectify the Farm Machinery and Agro- Processing Units or such portion thereof as is found to be defective by the Buyer (farmer) within a reasonable period, or such specified period as may be allowed by the Buyer (farmer) in his discretion on application made thereof by the empanelled firm, and in such an event, the above period shall apply to the machinery and equipment rectified from the date of rectification mentioned in warranty thereof, otherwise the empanelled firm shall pay to the Buyer (farmer) such compensation as may arise by reason of the breach of the warranty therein contained.
- ii. Guarantee that they will supply spare parts, if and when required on agreed basis for an agreed price. The agreed basis could be and including but with any limitation an agreed discount on the published catalogue or an agreed percentage of profit on the landed cost.
- iii. Warranty to the effect that before going out of production for the spare parts they will give adequate advance notice to the Buyer (farmer) of the equipment so that the latter may undertake the balance of the lifetime requirements.

PART V – TECHNICAL EVALUATION CRITERIA & FINANCIAL PROPOSAL ISSUES

Evaluation Criteria: The broad guidelines for evaluation of proposals will be as follows:-

(a) Technical evaluation:

- (i) Only those proposals will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the RfP.
- (ii) Technical proposals submitted by the Applicant/ Firm will be evaluated by the Technical Evaluation Committee with reference to the technical characteristics of the equipment as mentioned in the RfP. The compliance of Technical proposals (which may include the trial of one set of equipment) would be determined on the basis of the parameters specified in the RfP. The Financial proposals of only those Applicant/ Firm will be opened whose Technical Proposals would clear the technical evaluation.
- (iii) The Department will also carry out the quality audit of the applicant/ firm and inspect all relevant documents and quality of machines being manufactured in between the period of technical proposal opening and financial proposal opening. The financial proposals of only those applicant/ firm shall be opened who satisfy all the conditions of quality audit.

- (b) Financial Evaluation.**-The Financial proposals of only those Applicant/ Firms will be opened whose Qualifying proposals would clear the technical evaluation. Negotiations will be carried out by the Technical Evaluation Committee with the Applicant/ Firm and final price will accordingly be decided for each Farm Machinery and Agro- Processing Units models. The Lowest price in each model will be taken as benchmark for negotiations.


**Director of Agriculture &
Tender Inviting Authority**

Appendix-A

RFP CONDITIONS ACCEPTANCE LETTER (To be given on Company Letter Head)

Date:

To,

The Director of Agriculture,
Department of Agriculture

SUB: ACCEPTANCE OF TERMS & CONDITIONS OF RFP.

RFP Reference No : _____

Name of RFP : _____

Dear Sir,

1. I/We have downloaded/obtained the RFP document(s) for the above mentioned RFP from the website(s) namely:

As per your advertisement, given in the above mentioned website(s).

2. I/ We hereby certify that I / we have read entire terms and conditions of the RFP documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I/we shall abide hereby the terms /conditions/clauses contained therein.
3. The addendum /corrigendum(s) issued from time to time by the Department too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the RFP conditions of above mentioned RFP document(s) / corrigendum(s) in its totality / entirety.
5. The Technical Proposal and its enclosures as submitted in physical form as mentioned in para 7 of part I of RfP is the true copy of the documents uploaded on the e- Procurement Portal.
6. I/we certify that, I/we are the OEM / Manufacturers/ Importers of the Farm Machinery and Agro- Processing Units.
7. In case any provisions of this RFP are found violated, Department of Agriculture, Government of Karnataka shall be at liberty to reject this RFP/ proposal including the forfeiture of the full said Performance Bank Guarantee (PBG) absolutely and we shall not have any claim/right against Department in satisfaction of this condition.

Yours Faithfully,
(Signature of the Applicant/ Firm, with Official Seal)

Appendix –B

Details of PBG amount (in Rs.) against each Item

(Financial in Lakh Rupees)		
Sch.No.	Item	PBG
A	Land Development, Tillage and Seedbed preparation Equipments	
A(1)	Tractors	10.00
A(2)	Power Tillers	5.00
A(3)	Tractor Drawn Mould Board Plough	5.00 (For any number of equipment)
A(5)	Disc Plough	
A(6)	Tractor Drawn Disc Harrow	
A(7)	Cultivators	
A(8)	Tractor Drawn Leveller	
A(9)	Wet Land Cage wheel	
A(10)	Tractor Drawn Blade Harrow	
A(12)	Tractor Drawn Sub Soiler/ chisel plough	
A(14)	Tractor operated rotary plough / Power Harrow	
A(15)	Stone Collector	
A(11)	Laser Guided Land Leveler	
A(4)	Rotavator (or Rotary Tiller)/ side shift Rotavator	10.00
A(13)	Tractor operated Back Hoe and front mounted loader cum leveler (Doser)	10.00
B	Sowing and Planting Equipments	
B(1)	Self Propelled Rice Transplanter / Paddy Planter	10.00
B(2)	Tractor / Power tiller operated Furrow Opener / Ridger/ bund former	2.50 (For any number of equipment)
B(3)	Tractor / Power tiller / Rotary Tiller Operated Seed cum Fertiliser Drill	
B(4)	Tractor operated Pneumatic / vacuum precision planter	
B(5)	Tractor / Power tiller operated Zero Till Drill	
B(6)	Tractor operated Roto till drill/ Super Seeder	
B(7)	Tractor operated Fertilizer Broadcaster / Spreader	
B(8)	Direct Rice Seeder	
B(9)	Post Hole digger	
B(10)	Tractor operated Sugarcane sett cutter and planter	
B(11)	Multi-crop Transplanter	
B(12)	Broad Bed Furrow Planter	
B(13)	Tractor operated seeder for mat type rice nursery	
C	Inter Cultivation Equipments	
C(1)	Power operated Brush Cutter/ Weed Slasher	5.00 (For any number of equipment)
C(3)	Tractor operated Inter-Cultivation Equipments	
C(4)	Tractor operated rotary slasher	
C(5)	Tractor operated Flail Mower	
C(6)	Stubble Mower	
C(7)	Self Propelled Tool Bar	
C(2)	Power Weeder	10.00
D	Tractor / Power Tiller / Power Operated Plant Protection Equipments	5.00
E	Harvesting & Threshing Equipments	
E(1)	Engine /tractor operated Thresher / MCT	5.00
E(2)	Tractor Drawn Groundnut Digger	2.00 (For any number of equipment)
E(3)	Battery operated Cotton Plucker/ Kapas Plucker	
E(4)	Groundnut Pod Stripper/ Thresher	
E(5)	Power operated Sugarcane Stripper	
E(6)	Maize Sheller	
E(7)	Reapers and Reapers cum Binders	5.00
E(8)	Combined Harvester	25.00
E(9)	Sugarcane Harvester	50.00

Sch.No.	Item	PBG
F	Equipments for Residue Management	
F(1)	Tractor / Engine operated Trash cutter/mulcher / Shredder	2.00 (For any number of Equipment)
F(2)	Tractor operated single row mobile shredder	
F(4)	Shredder (Coconut Fond Chopper)	
F(5)	Chaff Cutter	
F(6)	Tractor operated Plastic Mulch Laying Machine	
F(7)	Tractor / Engine Operated Rake	
F(8)	Tractor operated Rice straw chopper cum spreader	
F(10)	Stubble Shaver (Ratoon Manager) with fertilizer Box	
F(11)	Cotton stalk uprooter	
F(12)	Areca Plate Maker	
F(13)	Agro-waste plate maker	
F(14)	Banana Fibre Extraction Equipment	
F(15)	Briquette/ Pellet Making Machine	
F(16)	Nipping Machine	
J(2)	Self -propelled load cart (wheel Barrow)	
F(3)	Tractor operated Balers	5.00
F(9)	Silage Baler with wrapper	
G	Post Harvest& Agro Processing Equipments	
G(1)	Dal Processor with De-husker, Blower, Pre-Grader and Broken seed Separator	2.50 (For any number of Equipments)
G(2)	Mini Rice Mill/ Rice Huller	
G(3)	Oil Expeller / Mini Oil Expeller	
G(4)	Polishing Machine (Pearler)	
G(5)	Ragi Cleaning Machine(Destoner)	
G(6)	Diesel Engine/ Motor operated Sugarcane Crusher Unit	
G(7)	Flour Mill	
G(8)	Electric Motor Operated Pulverisers	
G(9)	Rava/Cattle Feed Machine	
G(10)	Electric Motor Operated Chilly Pounding Machine	
G(11)	Shavige /Vermicelli Machine	
G(12)	Sugar Cane Juice Extractor	
G(13)	Papad / Roti making Machine	
G(14)	Pre-Cleaner For Minor Millets(Minor Millet Processing Units)	
G(15)	Minor millets De-stoner/ De-stoner cum Grader	
G(16)	Minor millets dehuller/ Minor millets dehuller cum Grader	
G(17)	Grader/ Pulse Grader/ Decorticator cum Grader	
G(18)	Grain Dryers	
G(19)	Sunflower/ Safflower Dehuller	
G(20)	Grain Roaster	
H(1)	Diesel / Petrol Engine Run Pump sets	5.00
H(2)	Tractor Run Pump Set	
H(3)	Solar operated Pump Set	
I	Kisan Drone	5.00
J(1)	Tractor Trolleys	2.50
J(2)	Drone transport/ Carrier EV vehicel	

Note:

- All firms irrespective of new participants or already empanelled are required to make EMD payment as per the terms and conditions of this RfP.
- The EMD should be paid through any one of the following e-payment options only.
 - Credit Card.
 - Direct Debit.
 - National Electronic Funds Transfer (NEFT).
 - Real Time Gross Settlement (RTGS).
 - Over the Counter (OTC) - designated Bank branches located across the country.

For further clarification with respect to payment of EMD amount, the interested applicant at their own discretion may contact e-Procurement helpdesk **080-46010000/68948777**

ANNEXURE-I
Technical Proposal
(Separate Technical Proposal for each of the sub-schedule)

Empanelment reference: No.DDA(FM&MI)/FM RFP/2024 -25,
Dtd: 20.11.2024

SUB-SCHEDULE NUMBER :
NAME OF THE ITEM :

I. PARTICIPANTS PROFILE

1.	Name and Address of the OEM /Manufacturer /Importer	M/s.....
2.	Status of the Applicant (Submit the relevant Document) (If the applicant is OEM /Manufacturer submit the Manufacturing License, and If the applicant is Importer, submit true copy of the Importer License, Agreement between the OEM / Manufacture and the importer and the manufacturing license of the exporter OEM / Manufacturer)	OEM /Manufacturer/Importer
3.	Status of the firm (Please tick the appropriate and furnish documentary proof)	i) Registered firm ii) Sole proprietorship firm iii) Partnership firm iv) Private limited company v) Public limited company vi) Others (specify)
4.	GST Numberof the Applicant. Enclose attested photo copy of GST Certificate.	Certificate enclosed: Yes/ No
5.	PAN Number of the Applicant. Enclose attested photo copy of PAN Certificate.	
6.	Bank details of the Applicant to which Farmers' share and Government subsidy to be received.	Bank Name: Bank Branch: Account Type: Account Number: IFSC Code: MICR Code:
7.	Will the Applicant receive the subsidy amount and raise bills for it.	Yes/No.
7a	If No, name and address of the Authorized Entity (AE) who would receive the farmers' share, raise subsidy bill and receive amount of subsidy and pay to the concerned	Name: Complete address of AE:

7b	GST Number of the AE (Enclose attested photo copy of GST Certificate)			
7c	PAN Number of the AE (Enclose attested photo copy of PAN Certificate)			
7d	Bank details of the AE holder	Bank Name: Bank Branch: Account Type: Account Number: IFSC Code: MICR Code:		
8.	Audited Annual Turnover (Amount in Rs. Lakhs)	2021-22	2022-23	2023-24
9.	Name, designation, telephone, Mobile, and E-mail of the authorized representative or the contact person who deals with this RFP matters and Local Address in Karnataka.	Name: Designation: Telephone No: Mob: E-mail : Local Address:		
10.	Details of EMD paid (Amount)	Rs.		
11.	BG details	Schedule: BG Number: Issue Bank: Issue Date: BG amount:		
12.	The email at which all correspondence should take place.			

II. Technical Details:

1.	Model details for which Technical Proposal submitted.	<table border="1"> <thead> <tr> <th>Sl. No.(as per the sub-schedule wise category Sl No)</th> <th>Category as per the RfP document</th> <th>Model name</th> <th>Name of the testing Center</th> <th>Testing report month/ Year</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Sl. No.(as per the sub-schedule wise category Sl No)	Category as per the RfP document	Model name	Name of the testing Center	Testing report month/ Year																				
Sl. No.(as per the sub-schedule wise category Sl No)	Category as per the RfP document	Model name	Name of the testing Center	Testing report month/ Year																							
2.	Location, Address and electricity bill details of the Production Unit	<table border="1"> <thead> <tr> <th>Sl No</th> <th>Name of the Item and Schedule Number</th> <th>Model name</th> <th>Location and Address of the Production Unit</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>Submission of details of electricity bills is exempted for Importers</p>	Sl No	Name of the Item and Schedule Number	Model name	Location and Address of the Production Unit																					
Sl No	Name of the Item and Schedule Number	Model name	Location and Address of the Production Unit																								

3.	Annual Capacity of the Items Manufactured.	No. of units manufactured per year:(Nos)		
		SI No	Model	Capacity

Note:

- The Applicant should submit
I. one copy of the Participants (as in Technical Proposal) profile enclosed with relevant documents during physical submission of the hardcopy.
II. Technical Details
- The Applicant should clearly indicate along which schedule, the firms profile is enclosed.

DECLARATION BY THE APPLICANT/ FIRM:

1. I/we have read and understood the RfP Terms and Conditions relevant to RfP Notification **No. DDA(FM&MI)/FM RFP/2024-25, Dtd: 20.11.2024** as contained in RfP Document and I/ We have submitted the Technical Proposal in accordance with the Terms and Conditions of the above referred notification and RfP document.
2. The information furnished in the Technical Proposal are true and factual and I / We clearly understand that our RfP is liable for rejection, if any information furnished is found to be not true and not factual at any point of time. The Department will have right to initiate action deemed fit.
3. The Financial proposals for each of sub schedule are separately submitted against this RfP by indicating the price for each of the models separately.

Place:

Date: Seal & Signature of the Applicant/ Firm along with name

Note:

- Do not use any format other than the prescribed Annexure I, IIA, IIB, III, IVA, IVB V & VI and checklist (failing which RfP will be rejected out rightly).
- Any Technical Proposal without all the valid specified documents as specified in Annexure-I, IIA, IIB, III, IVA, IVB V & VI shall be rejected.
- The Participating should submit all Annexures in this RfP in **Original** only.
- Legible Photo copies of all certificates should be self attested. Without this Technical Proposal will be rejected.
- All the corrections made in the RfP forms should be attested by the concerned Applicant/ firm only.
- The physical copy of the common documents such as status of the firm document, GST, PAN, Bank details etc., to be submitted in any one of the sub schedule by mentioning in which sub schedule its submitted

ANNEXURE-II A

Declaration Certificate of warranty and availability of spares (excluding Kisan Drones & Solar Operated Pump Sets)

To whom so ever concerned

This is to certify that the warranty of the -----
that has been quoted as per the terms and conditions of this Request for
Proposal is 12 months. It is further certified that during the warranty /
agreement period (whichever is later), all spare parts will be made
available.

I/ We being OEM / Manufacturers/ Importers shall abide by all the
terms and conditions of this Request for Proposal with respect to Warranty
and availability of spares.

Place:

Date:

Seal & Signature of the Applicant/
Firm along with name

ANNEXURE – II B

Declaration Certificate of warranty and availability of spares for Kisan Drones

To whom so ever concerned

This is to certify that the warranty of the -----
that has been quoted as per the terms and conditions of this Request for
Proposal is 12 months + 24 months AMC. It is further certified that for an
additional period of 60 months, all spare parts will be made available.

I/ We being OEM / Manufacturers/ Importers shall abide by all the
terms and conditions of this Request for Proposal with respect to Warranty
and availability of spares.

Place:

Date:

Seal & Signature of the Applicant/
Firm along with name

ANNEXURE – II C

Declaration Certificate of warranty and availability of spares (Solar Operated Pump Sets)

To whom so ever concerned

This is to certify that the warranty of the -----
that has been quoted as per the terms and conditions of this Request for Proposal is 60 months

. It is further certified that during the warranty / agreement period (whichever is later), all spare parts will be made available.

I/ We being OEM / Manufacturers/ Importers shall abide by all the terms and conditions of this Request for Proposal with respect to Warranty and availability of spares.

Place:

Date:

Seal & Signature of the Applicant/
Firm along with name

ANNEXURE - III

Details of Delivery and Service Centers in Karnataka

[illegible]

Place:

Date:

Seal & Signature of the Applicant/
Firm along with name

ANNEXURE - IVA

Declaration Certificate with respect to Centralized Coding System

(To be enclosed along with Technical Proposal)

To whom so ever concerned

Schedule:

Item:

This is to certify that the M/s. _____ shall **compulsorily possess the centralized coding system as per GoI office memorandum F.No.13-30/2023-M&T (I&P) dated 27.07.2023.** The Centralized code of the farm machinery as per the Government of India guidelines shall be engraved/ embossed on the machine as below:

- i. The agricultural implement/ machinery costing Rs. 1 lakh and more shall have laser cut serial number on the main frame which can be viewed from front side of the implement/ machinery and the implements/ machines on which laser serial number is not possible, shall weld of laser cutting serial number plate on the location of the main frame which can be viewed from front side of the implement/ machinery.
- ii. The agricultural implements/ machinery costing less than Rs. 1.00 Lakh shall have engraved serial number on the location of the main frame which can be viewed from front side of the implement/ machinery.
- iii. The implement/ machine having fiber or plastic body on which laser cutting serial number is not possible, such implement/ machine shall have engraved serial number.
- iv. The laser cut coding serial number is applicable for the tractor operated implements/ machinery equipments.

Place:

Date:

**Seal & Signature of the Applicant/
Firm along with name**

ANNEXURE - IVB

Declaration Certificate with respect to installation of app based AI-Powered telematics kit

(To be enclosed along with Technical Proposal)
To whom so ever concerned

Schedule:

Item:

This is to certify that the M/s. _____ shall install app based AI-Powered telematics kit as standard attachment that can track the live movement & location in self propelled machines costing Rs. 1.00 Lakh and above such as tractors, power tillers, combine harvesters, sugarcane harvesters, paddy transplanters, crop reaper/ reaper cum binders, multi-tool bars etc., machine to keep the daily record of work done as per GoI directions No: F.No.3-4/ 2020-M&T (I&P) (81291) dated: 02.05.23

Place:

Date:

**Seal & Signature of the Applicant/
Firm along with name**

ANNEXURE - V
Audited Annual Turnover certificate

TO WHOM IT MAY CONCERN

TURNOVER CERTIFICATE FOR PREVIOUS THREE FINANCIAL YEARS

On the basis of books of accounts, documents, GST, Returns, Relevant records and Audit Reports and in our capacity as the Chartered Accountants. We hereby certify that M/s _____
(PAN No: _____), address _____

_____ has the following annual turnover for the last two financial years.

Financial Year	Gross Turnover
2021-22	
2022-23	
2023-24	

Signature and seal of the Chartered Accountant
With Membership No.

ANNEXURE - VI
Existing Liability to the Department

Certificate of undertaking

This is to certify that, I/we M/s _____
do not have any existing liability to the Department during the
last two Financial Years. In case, it is found that, M/s _____
_____ has any existing liability to the Department
at any point i.e., during RfP evaluation stage or during
agreement period, the Department can *suo moto mutatis
mutandis* disqualify our firm.

Place:

Date:

**Seal & Signature of the Applicant/
Firm along with name**

ANNEXURE - VII

Financial Proposal
(Separate Financial Proposals for each sub Schedule to be submitted)

SUB- SCHEDULE NUMBER :
NAME OF THE ITEM :

1.	Submitted to	THE DIRECTOR OF AGRICULTURE, SESHADRI ROAD, BENGALURU-560 001.						
2.	Submitted by	M/s.....						
3.	RfP Notification No.	No. DDA(FM&MI)/FM RFP/2024-25, Dtd:20.11.2024.						
4.	Note: <ul style="list-style-type: none">Financial proposal to be submitted for items as listed in Part II of this RFP.Rates Quoted - Rs. Per Unit (The Rate should include Delivery at site and all existing taxes)Rates quoted should be as per terms and conditions governing this RfP							
Sl. No as per RfP	NAME OF THE CATEGORY	MODEL NAME	Price quoted in KPPP	MRP	Supply Rate for the departmental programme			
					Basic Price	GST		Total
						%age	Amou nt	

I/We have submitted this Financial Proposal against Notification **No. No. DDA(FM&MI)/FM RFP/2024-25, Dtd: 20.11.2024** and RfP terms and conditions and certify that I/We have quoted rates for the items as per the prescribed standards detailed in the Commercial Test Report.

I/We have gone through terms and conditions governing this RfP thoroughly and rates have been supplied without any ambiguity. I/We would abide by the terms and conditions governing this order. I/We ensure supply of the equipment as per specifications incorporated in the Commercial Test Report.

**Seal and Signature of the
Applicant/ Firm along with Name**

Illustrative Example for filling Financial Proposal
(Separate Financial Proposals for each sub Schedule to be submitted)

1.	Submitted to	THE DIRECTOR OF AGRICULTURE, SESHADRI ROAD, BENGALURU-560 001.						
2.	Submitted by	M/s.....						
3.	RfP Notification No.	No. DDA(FM&MI)/FM RFP/2024-25, Dtd: 20.11.2024.						
4.	Note: <ul style="list-style-type: none">Financial proposal to be submitted for items as listed in Part II of this RFP.Rates Quoted - Rs. Per Unit (The Rate should include Delivery at site and all existing taxes)Rates quoted should be as per terms and conditions governing this RfP							
Sl. No as per RfP	NAME OF THE CATEGORY	MODEL NAME	Price quoted in KPPP	MRP	Supply Rate for the departmental programme			
					Basic Price	GST		Total
						%age	Amount	
A(3)(3)(A)	>45HP One Bottom MB Plough	XXX	100000*	75000	As per calculations			
A(3)(3)(A)	>45HP One Bottom MB Plough	YYY	100000*	85000	As per calculations			
A(3)(3)(A)	>45HP One Bottom MB Plough	YYY	100000*	100000	As per calculations			

Note:

1. The Participating firm to submit separate Financial Proposal for each of the sub schedule i.e., A(3)/ A(4)/ A(5) etc.,
2. The Participating firm to quote maximum price if applying for more than 1 model under same category (*refer illustrative example above).
3. The Participating firm to submit actual quoted model wise price as per Annexure VII in Physical Deposition cover.

ANNEXURE-VIII

Details of rates empanelled / Quoted empanelled in the neighboring states/other states to be furnished along with Financial Proposal (Latest Relevant document - RC copy of the neighboring states should be submitted in Physical Deposition cover)

Sub Schedule Numner:
 Name of the Sub schedule:

SI No as per the RfP	Category of the item as per the RfP	Model	State	Basic Price	GST	Total Empanelled Price

Seal and Signature of the Applicant/ Firm along with Name

ANNEXURE - IX

Declaration Certificate with respect to show causing of MRP rates in the Manufacturer Website/ Showrooms

(To be enclosed along with Financial Proposal)

To whom so ever concerned

This is to certify that the Maximum Retail Prices (MRP) of the products for which M/s._____ has submitted Technical and Financial have/has/been been displayed in the Manufacturer's website _____. The Maximum Retail Prices (MRP) and the GEM prices are as provided below.

Sl. No.	Sub-schedule	Category	Model name	MRP

M/s._____ (Manufacturer/Importer)
and/ or M/s._____
(Authorized Entity) have no objection with the Department for displaying the web link of the manufacturer's website and Maximum Retail Prices of the aboveproducts in the Departmental website

Furthermore, it is also hereby certified that the Prices of the products quoted for empanelment by _____ (applicant) is the best price. In case the _____ (applicant) reduces the price of the product at any point during the agreement, the same shall be communicated to the Department as per the terms and conditions of this Request for Proposal.

Place:

Date:

**Seal & Signature of the Applicant/
Firm along with name**

ANNEXURE - XA

Checklist Of Enclosures To The Technical Proposal (Tick the items)

Sl.No.	Items	Details
1.	EMD Paid details	Enclosed/Not Enclosed
2.	<ul style="list-style-type: none"> • Manufacturing License of Manufacturer / OEM / Exporter • Importer license in case of Importer 	Enclosed/Not Enclosed
3.	Copy of Certificate of Registration of the Firm.	Enclosed/Not Enclosed.
4.	Status of the firm documents	Enclosed/Not Enclosed.
5.	PAN	Enclosed/Not Enclosed.
6.	GST Certificate	Enclosed/Not Enclosed.
7.	Bank Details of the OEM/ Manufacturer / Importer	Enclosed/Not Enclosed.
8.	Details of the Authorized Entity (If Applicable) a. Name of the Authorized Entity appointed by Manufacturer/OEM b. GST c. PAN d. Bank Details	Enclosed/Not Enclosed. Enclosed/Not Enclosed. Enclosed/Not Enclosed. Enclosed/Not Enclosed.
9.	Letter of Authorization for the Participating Representative	Enclosed/Not Enclosed.
10.	Appendix A - RFP Conditions Acceptance Certificate	Enclosed/Not Enclosed.
11.	Annexure I – Technical Proposals (Duly filled and completed in all aspects for each item separately)	Enclosed/Not Enclosed.
12.	The copy of the specification plate	Enclosed/Not Enclosed.
13.	Declaration Certificate of warranty and availability of spares -Annexure II	Enclosed/Not Enclosed.
14.	Details of Delivery and Service Centers in Karnataka – Annexure III	Enclosed/Not Enclosed.
15.	Declaration Certificate with respect to installation of app based AI-Powered telematics kit – Annexure IV	Enclosed/Not Enclosed.
16.	Commercial Test Report	Enclosed/Not Enclosed
17.	Details of Production Units	Enclosed/Not Enclosed
18.	Details of Electricity Bills – RR number and Electricity load	Enclosed/Not Enclosed
19.	The operational Photos or Still photos of the item participated along with the soft copy in the form of CD	Enclosed/Not Enclosed
20.	Any other information asked in the RFP document	Enclosed/Not Enclosed

ANNEXURE - XB

Checklist Of Enclosures To The Financial Proposal (Tick the items)

1.	Financial Proposal – Annexure V	Physical submission only Enclosed/Not Enclosed
2.	RC empanelled Rates supplied in the neighboring States.	Enclosed/Not Enclosed
3.	Details of rates empaneled in the neighboring states/other states – Annexure VI	Physical submission only Enclosed/Not Enclosed
4.	Declaration Certificate with respect to show causing of MRP rates in the Manufacturer Website/ Showrooms	Physical submission only Enclosed/Not Enclosed
5.	Any other information asked in the RFP document	Enclosed/Not Enclosed

ANNEXURE-XI

MODEL FORMAT FOR BANK GUARANTEE

This Bank ----- hereby stands
guarantee for the firm -----

----- for an amount
of Rs. ----- (Rupees -----
-----) for the period from date:----- to date -----
----- and this Guarantee is in favour of Director of Agriculture and will
be in force for the amount mentioned above during the period of
guarantee. This amount shall be forfeited to the extent required or in full
for default of terms & conditions for supply of -----
----- as mentioned in the agreement.