Request for Proposal (RFP) Document

Project Name: Cornflow

Client: Sai-Krupa Trending Pvt Ltd

Freelance Vendor: Sainath Chikane

Date: July 09, 2025

# 1. Introduction

Sai-Krupa Trending Pvt Ltd is inviting detailed proposals for the Cornflow analytics project. The client is seeking a full solution to gather, process, and visualize agricultural production data in order to improve operational efficiency, identify cost-saving zones, and support business expansion.  
  
This RFP is a continuation of the previous RFI process. Qualified vendors are encouraged to submit their technical and commercial proposals in response to the defined scope.

# 2. Project Overview

The Cornflow initiative is a data-driven business intelligence platform focused on:  
- Historical and current corn production analytics  
- Territory-based production and rate insights  
- Cost-reduction through regional data analysis  
- Dashboards and reports for decision makers  
  
The system will support role-based dashboards, region-wise KPIs, SQL-powered insights, and scalable infrastructure for future enhancements.

# 3. Scope of Work

Deliverables expected from the vendor:  
- Design and implement a data ingestion process for CSV/Excel datasets  
- Validate and clean production data  
- Store structured data in a MySQL or PostgreSQL database  
- Build dashboards (Power BI or equivalent) for:  
 • Top/bottom performing states and districts  
 • Production trends (3-year history)  
 • Pricing vs production correlation  
 • Region-wise cost optimization opportunities  
- Role-based access implementation  
- Provide training, documentation, and post-launch support

# 4. Functional Requirements

- Upload and validate Excel/CSV data  
- Remove duplicates and nulls  
- Standardize production and rate fields  
- Provide production vs pricing insights by year/state/district  
- Identify low ROI districts for reduced activity  
- Identify high-production, low-cost districts for expansion  
- Enable filtering on year, region, and performance level  
- Export visuals/data to Excel/PDF

# 5. Technical Requirements

- Database: MySQL (preferred) or PostgreSQL  
- Dashboard Tool: Power BI or Tableau  
- Deployment: Cloud (Azure/AWS) or on-premise  
- Version Control: GitHub repository setup  
- Optional: Mobile-compatible dashboards  
- Scalability: Future-ready for weather/pricing APIs or ML-based forecasting

# 6. Proposal Evaluation Criteria

Evaluation Criteria:  
- Technical capability & solution fit – 30%  
- Relevant experience & references – 20%  
- Project approach & documentation – 15%  
- Cost and licensing clarity – 20%  
- Maintenance, training & support plan – 10%  
- Innovation/future-readiness – 5%

# 7. Proposal Submission Instructions

- Submission Deadline:   
- Email: saichikane67@gmail.com  
- Subject Line: RFP Response – Cornflow Project – [Your Company Name]  
- Required Attachments:  
 • Technical Proposal  
 • Commercial Proposal (separately attached)  
 • Company Profile and Team Details  
 • Relevant Case Studies/References

# 8. Project Timeline & Milestones

Milestones and Target Dates:  
- Requirement Finalization –   
- Data Integration & Setup –   
- Dashboard Development –   
- Internal Testing & UAT –   
- Final Deployment & Handover – 14 April 2024  
- Support & Maintenance Start – 14 April 2024

# 9. Confidentiality

All vendor proposals and project-related data shared by Sai-Krupa Trending Pvt Ltd are confidential. Vendors must not disclose any details without written permission.

# 10. Contact Information

For queries and clarification, contact:  
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