SAMPLE DPR – POLYHOUSE & DRIP IRRIGATION PROJECT (RKVY)

1. Executive Summary

Polyhouse (4000 sq m) with drip irrigation to enhance productivity and farmer income.

2. Background & Justification

Protected cultivation improves yield, reduces climate risks and increases profitability.

3. Project Objectives

Increase productivity, promote resource efficiency, generate year-round income.

4. Project Components

Polyhouse structure, drip system, fertigation, crop inputs, training.

5. Technical Feasibility

Suitable agro-climate, proven technology, high-value crops.

6. Financial Analysis

Total Cost: ■38 lakh. Payback: 3.5–4 years. BCR: 2.1–2.5.

7. Funding Pattern

RKVY assistance as per norms (40–50%).

8. Implementation Framework

60-day installation, department monitoring.

9. Expected Outcomes

High yields, water savings, better quality produce.

10. Sustainability & Risk Management

Insurance, buyer linkage, training, skill support.

11. Conclusion

Polyhouse + drip irrigation is a high-return, climate-resilient RKVY model.