

Topics under DFS Study (Checklist)

1. Cover page

2. Abbreviation

3. Executive Summary

4. Table of content

a) List of Figure

b) List of Tables

5. Salient Features of the project

c) a. General Information

d) b. Design Information

e) c. Water Source Information

f) d. Structure Information

6. Civil Structure (Stone Masonry)

g) Pipe Line

h) Stage Design

i) Electro-mechanical (estimated)

7. Project introduction

j) Background

k) Topography and the project site

l) Demography, Beneficiaries & user committee

m) Individual willingness & contribution

8. Technical Details

a) Source details with technical figures

b) Head measurement and pipeline profile

9. Civil Components

- a) Intake
- b) Intake reservoir tank (Collection Chamber)
- c) Transmission & distribution pipe
- d) Intermediate tank
- e) Distribution tank
- f) Water flow Meter
- g) Water ditch

10. Electro Mechanical Components

- h) Solar Array
- i) Pump size & controller unit
- j) Conductor
- k) Array mounting
- l) Grounding and Protection
- m) Protection and safety

11. Socio Economic Status of Beneficiaries

- n) Caste and ethnicity
- o) Education and Health

12. Economic aspect

- p) Occupation
- q) Income source
- r) Livestock rising

13. Financial Detail

- a) Electro –mechanical components
- b) Civil Structure components