

CONTENTS

Contributors
EXECUTIVE SUMMARY
Acronyms

1. INTRODUCTION AND BACKGROUND 1-1

2. MISSION, USERS’ AND OPERATIONAL REQUIREMENTS 2-1

 2.1 Mission 2-1

 2.2 Users’ Requirements 2-1

 2.3 Operational Requirements 2-5

3. SYSTEM DESIGN REQUIREMENTS AND DESCRIPTION 3.1-1

 3.1 Test Facilities 3.1-1

 3.2 Target Facility 3.2-1

 3.3 Accelerator Facility 3.3-1

 3.4 Conventional Facilities 3.4-1

 3.5 Central Control and Common Instrumentation 3.5-1

4. MAJOR R&D REQUIREMENTS 4-1

 4.1 Test Facility development 4-1

 4.2 Target Facility development 4-2

 4.3 Accelerator Facility development 4-3

 4.4 Design Integration (including Central Control System and Common Instrumentation) 4-4

5. IFMIF PROJECT SCHEDULE AND ORGANIZATIONS 5-1

 5.1 Main Schedule 5-1

 5.2 EVEDA Schedule and Organization 5-2

 5.3 CODA Schedule and Organization 5-4

6. COST ESTIMATE 6-1

 6.1 Cost Summaries 6-1

 6.2 Costing Methodology 6-2

Appendix DESIGN PARAMETERS A-1