Contents

Foreword vii
Acknowledgements ix
Glossary of terms and acronyms xi
Introduction xiii
Background xv

1 IDCsr principles and process 1
   1.1 The principles and process of integrated design and construction—single responsibility 1

2 The IDCsr constructor legal entity – structures, responsibilities and skills 7
   2.1 IDCsr constructor team structure 7
   2.2 The IDCsr constructor project management team 10
   2.3 IDCC consortia approach 10
   2.4 IDCsr constructor team roles responsibilities and skills 10
      2.4.1 IDCsr project manager 10
      2.4.2 IDCsr project team leaders 12

3 IDCsr client team – structures, responsibilities and skills 19
   3.1 Structure 19
   3.2 Client team roles, responsibilities and skills within the IDCsr process 21
      3.2.1 Client project sponsor 21
      3.2.2 Client team manager 22
      3.2.3 Finance director/accounts controller 23
      3.2.4 Client’s process director 24
      3.2.5 Specialist Advisors could include the following 24
Contents

4 IDCsr project insurance conditions 27

5 IDCsr project payment system 29

6 IDCsr model sale agreement terms and conditions 31

7 IDCsr information and communication technology (ICT) 41

7.1 Project management ICT 42

7.2 Summary of other ICT tools available for IDCsr practitioners (see Appendix for details) 44

8 Process Stage 1 inception 45

Stage 1 Client team set-up, client need, business case/feasibility and client brief preparation 46

9 Process Stage 2 selection 59

Stage 2 IDCC competitive bid process, IDCC concept, client evaluation and commitment 60

10 Process Stage 3 delivery 67

Stage 3 IDCC design and construction 68

Appendix Information and communication technology 83

Index 93