

Contents

<i>List of figures</i>	viii
<i>List of tables</i>	ix
<i>Foreword</i>	x
<i>Acknowledgements</i>	xi
<i>List of abbreviations</i>	xiii
 PHASE I	 1
1 An introduction to offsets	3
1.1 <i>Setting the scene</i>	3
1.2 <i>Why the need for this book?</i>	5
1.3 <i>Global offsets obligation and trends</i>	6
1.4 <i>Offsets in international procurement</i>	8
1.5 <i>Key research on offsets</i>	9
1.6 <i>Costs and benefits of offsets</i>	9
1.7 <i>Offsets stakeholders and their views</i>	11
1.8 <i>The need for an offsets framework</i>	15
1.9 <i>Structure of the book</i>	16
 2 Key aspects to offsets management	 20
2.1 <i>Background</i>	20
2.2 <i>Nonconventional International Trade Financing (NITF)</i>	20
2.3 <i>How have offsets projects evolved?</i>	35
2.4 <i>Origins of offsets</i>	36
2.5 <i>Understanding offsets terminologies</i>	37
2.6 <i>Offsets case study: use of offsets multipliers</i>	43
 3 Theoretical underpinning to the study of offsets	 45
3.1 <i>Introduction</i>	45
3.2 <i>Technological self-sufficiency leading to independence in defence and security</i>	46

- 3.3 *Industrialisation, or 'take-off'* 48
- 3.4 *Reducing the technological gap* 50
- 3.5 *Building dynamic capability* 52
- 3.6 *Industrialisation through clusters* 53
- 3.7 *Sustaining firm competitiveness through technological absorption capability (TAC)* 54

PHASE II

59

4 Role of government: offsets strategy and policy formulation: development phase

61

- 4.1 *Background* 61
- 4.2 *Role of offsets in international defence procurement* 61
- 4.3 *The offsets management cycle (OMC)* 63
- 4.4 *Offsets strategy development* 64
- 4.5 *Offsets policy formulation* 66
- 4.6 *Responsibilities for offsets policy formulation* 67
- 4.7 *Determining offsets objectives* 67
- 4.8 *Identifying stakeholders* 69

5 Role of government in offsets implementation: pre-, during and post-contract phase

72

- 5.1 *Background* 72
- 5.2 *Role of offsets management authority (OMO)* 72
- 5.3 *Offsets implementation process* 74
- 5.4 *Common issues in offsets implementation* 84

6 Sellers' offsets strategy and implementation

87

- 6.1 *Background* 87
- 6.2 *Sellers' perception of offsets* 87
- 6.3 *Essential features of offsets in a company* 89
- 6.4 *Sellers' offsets management life cycle* 91
- 6.5 *Five forces that influences sellers' successful offsets strategy and delivery* 93
- 6.6 *Issues to consider for sellers when managing offsets* 96

PHASE III

99

7 Technology, competitiveness and offsets valuation

101

- 7.1 *Background* 101
- 7.2 *Defining technology* 101

7.3	<i>Elements of transfer of technology in offsets (TOT)</i>	106
7.4	<i>Technology acquisition and offsets – justification for national competitiveness</i>	108
7.5	<i>Technology valuation, process and approach</i>	110
7.6	<i>Critical factors for successful transfer of technology through offsets</i>	114
7.7	<i>Case study</i>	115
8	Transparency in offsets	120
8.1	<i>Is offsets a corrupt practice?</i>	120
8.2	<i>What does Transparency International (TI) say about offsets?</i>	121
8.3	<i>Possible malpractice in offsets dealings</i>	122
8.4	<i>Defence sales and allegations of corrupt practice in offsets</i>	123
8.5	<i>Recommendation on best practices for greater offsets transparency</i>	124
9	Managing offsets risks	129
9.1	<i>Awareness to risk in offsets</i>	129
9.2	<i>Evaluating risks in offsets management life cycle: buyer perspective (offsets obligee)</i>	129
9.3	<i>Evaluating risks in offsets management life cycle: seller perspective (offsets obligor)</i>	134
9.4	<i>Case study</i>	137
10	Conclusion and future of offsets	139
10.1	<i>Offsets is here to stay</i>	139
10.2	<i>Future of offsets</i>	139
	<i>References</i>	145
	<i>Glossary</i>	172
	<i>Index</i>	174