

BELLE MARE BEACH DEVELOPMENT COMPANY LIMITED

PROPOSED COASTAL PROTECTION AND REHABILITATION
AT THE RESIDENCE HOTEL AT BELLE MARE

ENVIRONMENTAL IMPACT ASSESSMENT REPORT

TABLE OF CONTENT

1 EXECUTIVE SUMMARY.....	1-1
1.1 INTRODUCTION	1-1
1.2 ENVIRONMENTAL FRAMEWORK	1-1
1.3 PROJECT DESCRIPTION.....	1-1
1.4 BASELINE ENVIRONMENT	1-2
1.5 IDENTIFICATION OF IMPACTS AND MITIGATION MEASURES.....	1-2
1.6 ENVIRONMENTAL MONITORING PLAN.....	1-6
1.7 CONCLUSION	1-6
2 INTRODUCTION.....	2-1
2.1 THE PROONENT AND PROJECT TEAM	2-1
2.1.1 <i>The Proponent</i>	2-1
2.1.2 <i>The Project Team</i>	2-1
2.2 PROPOSED SCOPE OF WORKS	2-1
2.3 PROPOSED PROGRAMME OF WORKS	2-2
2.4 SCOPE AND METHODOLOGY OF THE ENVIRONMENTAL IMPACT ASSESSMENT.....	2-2
2.5 LIAISON WITH STAKEHOLDERS AND CLEARANCES OBTAINED.....	2-2
2.5.1 <i>Liaison with Stakeholders</i>	2-2
2.5.2 <i>Clearances from Statutory Bodies</i>	2-3
2.6 STRUCTURE OF THE EIA REPORT	2-3
3 POLICY, LEGAL AND ADMINISTRATIVE FRAMEWORK.....	3-1
3.1 THE ENVIRONMENT PROTECTION ACT 2002	3-1
3.1.1 <i>The Act</i>	3-1
3.1.2 <i>The Requirement for Environmental Impact Assessment (EIA)</i>	3-1
3.2 OTHER MAIN APPLICABLE LEGISLATION AND POLICIES	3-2
3.2.1 <i>The National Development Strategy 2003 & Planning Policy Guidance 2004</i>	3-2
3.2.2 <i>Moka/flacq Outline Planning Scheme</i>	3-3
3.2.3 <i>The Fisheries and Marine Resources Act, 2007</i>	3-3
3.2.4 <i>The Environmentally Sensitive Areas – Strategic Management Plan, 2009</i>	3-4
3.3 INTERNATIONAL TREATIES AND AGREEMENTS.....	3-4
4 PROJECT JUSTIFICATION AND ALTERNATIVES.....	4-1
4.1 PROJECT JUSTIFICATION	4-1
4.2 ALTERNATIVES.....	4-3
5 PROJECT DESCRIPTION	5-1
5.1 DESIGN OF THE PROPOSED COASTAL PROTECTION AND REHABILITATION	5-1
5.1.1 <i>Design principles</i>	5-1
5.1.2 <i>Proposed Coastal Design</i>	5-1

5.1.3	<i>Bill of Quantities</i>	5-1
5.2	METHODOLOGY	5-2
5.2.1	<i>General Site Establishment</i>	5-2
5.2.2	<i>Beach Pathway</i>	5-3
5.2.3	<i>Beach Restructure</i>	5-5
5.3	DESIGN AND BUILT CONTRACTOR'S STATEMENT	5-6
5.4	PROPOSED PROGRAMME OF WORKS	5-6
6	DESCRIPTION OF EXISTING BASELINE CONDITIONS	6-1
6.1	THE SITE AND ITS DEVELOPMENT CONTEXT.....	6-1
6.2	BASELINE CONDITIONS	6-2
6.2.1	<i>Topo-Bathymetric Mapping</i>	6-2
6.2.2	<i>Meteo- Oceanographic General Conditions</i>	6-3
7	PREDICTED ENVIRONMENTAL IMPACTS AND MITIGATING MEASURES	7-1
7.1	SCOPING AND IDENTIFICATION OF POTENTIAL IMPACTS.....	7-1
7.2	IMPACTS EVALUATION AND MITIGATION MEASURES	7-3
7.2.1	<i>Methodology</i>	7-3
7.2.2	<i>Impacts and Mitigation Measures</i>	7-3
7.3	SUMMARY OF IMPACTS AFTER MITIGATION MEASURES	7-9
8	ENVIRONMENTAL MONITORING PLAN	8-1
8.1	MONITORING DURING CONSTRUCTION PHASE.....	8-1
8.2	MONITORING DURING OPERATION PHASE	8-2
9	CONCLUSION	9-1
10	REFERENCES	10-1

LIST OF APPENDICES

Appendix A	Administrative Documents
Appendix B	Public Participation Process
Appendix C	Clearances obtained