

# Contents

Foreword.....	vii
Chapter 1 Background of COVID-19 Emergency Hospitals Construction	
1.1 Background.....	1
1.2 The Definition of COVID-19 Emergency Hospitals.....	3
1.3 The Function of COVID-19 Emergency Hospitals.....	4
Chapter 2 COVID-19 Emergency Hospitals Project Design	
2.1 COVID-19 Emergency Hospitals Project Design.....	7
2.2 Reception Area Design.....	10
2.3 Ward Area Design.....	11
2.4 Inpatient Room Design.....	12
2.5 Medical Laboratory Design.....	13
2.6 Electrical and Intelligent Management Design.....	14
2.7 Water Supply and Drainage Design.....	15
2.8 Ventilation and Air Conditioning Design.....	16
Chapter 3 COVID-19 Emergency Hospitals Reconstruction	
3.1 Reconstruction Procedure.....	19
3.2 Reconstruction Project Design.....	21
3.3 Reference Cases of COVID-19 Emergency Hospitals for Admission of Diagnosed Patients.....	34
3.4 Reference Cases of COVID-19 Emergency Hospitals for Admission of Suspected Patients.....	38

## **Chapter 4 COVID-19 Emergency Hospitals Operation**

<b>4.1 Training Program for Medical Staff</b> .....	<b>43</b>
<b>4.2 Patient Admission and Treatment</b> .....	<b>46</b>
<b>4.3 Medical Operational Management Policies</b> .....	<b>61</b>

## **Chapter 5 Emergency Hospitals Logistics Support**

<b>5.1 Material Storage and Support</b> .....	<b>87</b>
<b>5.2 Warehouse and Logistics Support</b> .....	<b>90</b>
<b>5.3 Dietary Nutrition Support</b> .....	<b>93</b>
<b>5.4 Hygiene and Disinfection</b> .....	<b>98</b>
<b>5.5 Medical Waste Management</b> .....	<b>102</b>
<b>5.6 Mental Health Care and Support</b> .....	<b>105</b>
<b>References</b> .....	<b>111</b>
<b>Acknowledgements</b> .....	<b>115</b>