PS-i

PARTICULAR SPECIFICATION

<u>Clause</u>	<u>Description</u>	Page PS-
1.	General	1-i & 1 to 8
2.	Scope of Works	2-i & 1 to 20
3.	Contract Limits	3-i & 1
4.	Contractor's Team Qualifications	4-i & 1 to 21
5.	The Authority's Office	5-i & 1 to 43
6.	Programming and Planning	6-i & 1
7.	Coordination and Interface	7-i to iii & 1 to 132
8.	Survey and Survey Control	8-i & 1 to 7
9.	Design Requirements	9-i to ii & 1 to 65
10.	Architecture Works	10-i to ii & 1 to 77
11.	Electrical & Mechanical Works (Station)	11-i & 1 to 36
12.	Construction	12-i to iii & 1 to 77
13.	Safety, Security and Environmental Protection	13-i & 1 to 22
14.	Structural Impact Assessment, Settlement Control and Monitoring	14-i & 1 to 28
15.	Geotechnical Information	15-i & 1 to 2
16.	Utilities, Drains and Sewers	16-i & 1 to 24
17.	Work Areas	17-i & 1 to 17
18.	Tunnelling	18-i & 1 to 24
19.	Civil Defence (CD) Requirements	19-i & 1

PS-ii

PARTICULAR SPECIFICATION

<u>Clause</u>	<u>Description</u>	Page PS-
20.	Warranties	20-i & 1
21.	Building Information Modelling (BIM)	21-i & 1 to 50
22.	Construction Productivity, Technology and Digitisation	22-i & 1 to 10
23.	Environmental Protection - Ecological Sensitive Sites	23-i to ii & 1 to 14
24.	Signage and Information Panels	24-i & 1 to 9
25.	SFRC Segmental Lining	25-i & 1 to 16
26.	Not Used	-
27.	Facial Recognition Biometric Authentication	27-i to ii & 1 to 45

PS-iii

PARTICULAR SPECIFICATION

<u>Appendix</u>	<u>Description</u>	Page PS-
Α	Interfacing Contracts and Coordination	A-1 to A-10
В	Schedule of Key Dates	B-1 to B-15
С	List of Authority's Drawings	C-1 to C-7
D	Anchor Bolts	D-1 to D-3
E	Zone of Influence of Works	E-1
F	Civil Design Safety Submission - Hazard Register	24 Sheets
G	Transit Signage Manual	368 Sheets
Н	Tree Protection Specification	H-1 to H-12
1	Road Works Specification	I-1 to I-15
J	Schedule of Abbreviations	J-1 to J-4
K	Not Used	-
L	Historical Land Use Survey (HLUS) Report	136 Sheets
M	Concrete Safety Barriers – Guide for Proper Selection and Installation	M-1 to M-11
N	Guidelines on Approval In Principle (AIP)	N-1 to N-48
0	Schedule of Warranties	O-1 to O-7
Р	TEMS System and Requirements	P-1 to P-10
Q	Authority's Standard Requirements for Hoardings	Q-1 to Q-3
R	Not Used	-

PS-iv

PARTICULAR SPECIFICATION

<u>Appendix</u>	<u>Description</u>	Page PS-
S	PUB's Requirements	
	- PUB(WSN) Requirements	S-1 to S-17
	- PUB(WRN) Requirements	S-18 to S-47
	 PUB's Earth Control Measure (ECM) Requirements 	S-48 to S-54
	- Fittings and Standards for Water Service	S-55 to S-100
Т	IT Connectivity Requirements	T-1 to T-12
U	Condition Survey of Structures	U-1 to U-7
V	Manpower Productivity Data	V-1 to V-6
W	Report Format for ePSS Submission	W-1 to W-4
X	Examples of Noise Barrier Design	X-1 to X-3
Υ	Not Used	-
Z	Schedule of Utilities	Z-1 to Z-3
AA	Services Identification and Protection	AA-i & AA-1 to AA-31
AB	Handing Over Forms For Hardscape And Horticulture Works	AB-1 to AB-5
AC	Not Used	-
AD	General Conditions and Requirements for Works Within 50 Meters in the Vicinity of HDB Property	AD-1 to AD-7
AE	Key Security Requirements for MRT Stations	AE-1 to AE-43
AF	Design Submission Requirements for Signage	AF-1 to AF-7
AG	Design Submission Checklist Form A1 and A2	AG-1 to AG-3

PS-v

PARTICULAR SPECIFICATION

<u>Appendix</u>	Description	Page PS-
АН	Requirements for the Installation of New Temporary Traffic Monitoring System	AH-i & AH-1 to AH-61
AI	Buildability Score for LTA Rapid Transit System Projects	AI-1 to AI-3
AJ	Park Connector NParks Standard Details	AJ-1 to AJ-3 & 33 Sheets
AK	Trellis on Covered Linkway	AK-1 to AK-2
AL	CD Shelter Requirements for MRT Stations	AL-1 to AL-55
AM	Solar Photovoltaic (PV) Panels Provision for Station	AM-1
AN	Scope of Works and Requirements for First-Mile-Last-Mile (FMLM) Scheme	AN-1 to AN-23 & 39 Sheets
AO	Terms and Conditions for Street Lighting Works at At-Grade Roads and Viaducts	AO-1 to AO-4
AP	Requirements of the Bicycle Parking Directional Signage and Bicycle Parking Maps	AP-1 to AP-7
AQ	Utility Services and Agencies	AQ-i & AQ-1 to AQ-28
AR	Protective Coating	AR-1 to AR-6
AS	Format of Maintenance Strategy and Access Report	AS-1 to AS-4
AT	Tree Transplanting	AT-1 to AT-5
AU	PUB's Requirements for Prevention of Damage to PUB Watermain	AU-1 to AU-4

PS-vi

PARTICULAR SPECIFICATION

<u>Appendix</u>	<u>Description</u>	Page PS-
AV	Not Used	-
AW	Video Analytics (VA) Requirement Specifications	AW-1 to AW-11
AX	Station Typologies to Enhance Identity	AX-1
AY	Temporary Greening Specifications	AY-1 to AY-10
AZ	Tunnel Niche Provision	AZ-1
ВА	Bus Shelter	BA-1 to BA-3
ВВ	Construction Site Hoarding Design	BB-1
ВС	Interface Hazards Requirement Acceptance Form and Interface Hazards List	BC-1 to BC-2
BD	Enviromental Impact Study (Clementi Forest and Maju Forest) EMMP	56 sheets
BE	Project Environmental Study (Clementi Forest and Maju Forest) EMMP	29 sheets
BF	Standard Typologies of Passenger Service Centre and Station Master Room	BF-1 to BF-2
BG	M&E Plantroom Size Requirement	BG-1 to BG-5
вн	General Requirements from Agencies	BH-1 to BH-62
ВІ	Temporary Signs for Road Opening	BI - 1
BJ	Fissure Rock Grouting Specifications	BJ-i & BJ-1 to BJ-12
BK	Not in Use	-
BL	Architecture Design Concept	BL-1 to BL-28