

Template – Technical Proposal for TM Landed Project (Rev 0)

Revision Record

Revision No.	Description Of Change	Author	Effective Date
0	N/A	1. Azhan Haris	December 2024

Technical Proposal for TM Project



Project Description:	SRR FTTH TJR_CXXX TAMAN GERBANG TANJUNG
Project Number:	TMNA/251889
TM Node	TJR
Region	Northern
NE ID	TJR C007
Total FTTH Ports	48
Total Property	78
PF (%)	61%
RFSI Date	31 Dec 2025
GPS Coordinate	4.660575,101.16978

Prepared by:	AZHAN HARIS
Company Name:	SINOR
Date:	5/11/2025
TP Revision:	0

Contents

- 1.0 **FDC information**
 - 1.1 FDC Boundary
 - 1.2 FDC Details and Illustration

- 2.0 **FDP information**
 - 2.1 FDP and FOOSC Location
 - 2.2 FDP Boundary
 - 2.3 Cable Plan
 - 2.4 Spur Information
 - 2.5 FDP details
 - 2.6 Tie FDP details

- 3.0 **New Pole information**
 - 3.1 Pole plan
 - 3.2 Pole details
 - 3.3 Illustration

- 4.0 **Material Specification**
 - 4.1 Fiber Accessories - FDC/Mini FDC/FDP/ODF
 - 4.2 Civil Accessories – Manhole/Pole

- 5.0 **Costing & BOQ**
 - 5.1 Project BOQ
 - 5.2 Costing

MATRIX REQUIREMENT FOR PROJECT

NO	Item	Detail Item	Remark	TP Check list					
				FTTH >1 DP	FTTH 1 FDP	Add DP / Tie DP	NID/5G	Civil	Main FOC
1	Cabinet location	Boundary	Polygon on Map showing area covered by FDC	C	C	NR	NR	NR	NR
		Detail Illustration	Illustration showing FDP location on picture, table with detail address, latlong	C	C	C	C	NR	NR
2	Cable Plan	On Map	Cable Plan, ID, Distance, Route, Distance, Joint Location illustration on map	C	C	C	C	NR	C
		SLD	Cable Plan	C	NR	NR	NR	NR	NR
3	FDP	Detail FDP/Tie DP	Table with FDP & Tie DP Detail	C	C	C	NR	NR	NR
		FDP, Tie DP Boundary	Polygon on Map for landed or Building image for Highrise showing area covered by each FDP	C	C	C	NR	NR	NR
4	Pole	Plan	Location and quantity on Map	C	C	C	C	C	C
		Illustration	Illustration showing Pole location on picture, table with detail pole type, latlong	C	C	C	C	C	C
5	Civil	Plan	Location and quantity on Map	C	C	C	C	C	C
		Illustration	Illustration showing civil location on picture, table with detail address, latlong	C	C	C	C	C	C
		Civil Manhole Detail	Table with Manhole Detail	C	C	C	C	C	C
6	BOQ & BOM	Detail BOQ	Detail PU item related to project. Show – PU number, quantity and costDetail	C	C	C	C	C	C
		Detail BOM*	Material related to project	C	C	C	C	C	C
7	Costing		Overall cost	C	C	C	C	C	C

*CNC Lite only

1.1 Location Plan & Boundary



Legend:



FDC



FDP

EXT. JOINT



NEW JOINT

MANHOLE/PIT



NEW CONCRETE POLE

EXT. CONCRETE POLE



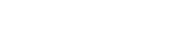
EXT. IRON POLE

FOC 12C IB



FOC 24C IB

FOC 48C IB



FOC 48C IB

2.1 FDP and Location Plan



Legend:



FDC

FDP



EXT. JOINT

NEW JOINT



MANHOLE/PIT

NEW CONCRETE POLE



EXT. CONCRETE POLE

EXT. IRON POLE



FOC 12C IB

FOC 24C IB



FOC 48C IB

2.1 FDC and Location Plan



Legend:



FDC



FDP



EXT. JOINT



NEW JOINT



MANHOLE/PIT



NEW CONCRETE POLE



EXT. CONCRETE POLE



EXT. IRON POLE



FOC 12C IB



FOC 24C IB



FOC 48C IB

2.2

FDP Boundary

FDP NO.	FDP LOCATION	FDP COVERAGE
DP0078	ANTARA BELAKANG RUMAH NO. 38 & 40, JALAN GERBANG TANJUNG 10, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK	RUMAH NO. 32,34,36,38,40,42, JALAN GERBANG TANJUNG 10, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
		RUMAH NO. 35,37,39,41,43,45, JALAN GERBANG TANJUNG 9, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
DP0079	ANTARA BELAKANG RUMAH NO. 26 & 28, JALAN GERBANG TANJUNG 10, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK	RUMAH NO. 22,24,26,28,30, JALAN GERBANG TANJUNG 10, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
		RUMAH NO. 23,25,27,29,31,33, JALAN GERBANG TANJUNG 9, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
DP0080	ANTARA BELAKANG RUMAH NO. 40 & 42, JALAN GERBANG TANJUNG 9, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK	RUMAH NO. 36,38,40,42,44,46, JALAN GERBANG TANJUNG 9, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
		RUMAH NO. 37,39,41,43,45,47,49, JALAN GERBANG TANJUNG 8, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
DP0081	ANTARA BELAKANG RUMAH NO. 26 & 28, JALAN GERBANG TANJUNG 9, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK	RUMAH NO. 22,24,26,28,30,32,34, JALAN GERBANG TANJUNG 9, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
		RUMAH NO. 23,25,27,29,31,35, JALAN GERBANG TANJUNG 8, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
DP0082	ANTARA BELAKANG RUMAH NO. 40 & 42, JALAN GERBANG TANJUNG 8, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK	RUMAH NO. 36,38,40,42,44,46,48, JALAN GERBANG TANJUNG 8, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
		RUMAH NO. 37,39,41,43,45,47,49, JALAN GERBANG TANJUNG 7, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
DP0083	ANTARA BELAKANG RUMAH NO. 26 & 28, JALAN GERBANG TANJUNG 8, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK	RUMAH NO. 22,24,26,28,30,32,34, JALAN GERBANG TANJUNG 8, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK
		RUMAH NO. 23, 25,27,29,31,33,35, JALAN GERBANG TANJUNG 7, TAMAN GERBANG TANJUNG, 31250 TANJUNG RAMBUTAN, PERAK

2.3

Cable Plan



2.5 FDP Details – Normal Project

No	Info	Type	Road/Location	Ports	Properties Covered	Remark
1	DP0078	On Pole	4.660094, 101.169982	8	12	
2	DP0079	On Pole	4.659992, 101.169692	8	11	
3	DP0080	On Pole	4.660579, 101.169834	8	14	
4	DP0081	On Pole	4.660473, 101.169574	8	13	
5	DP0082	On Pole	4.661095, 101.169827	8	14	
6	DP0083	On Pole	4.660974, 101.169476	8	14	

2.3

New Poles Plan



Legend:



FDC



FDP



EXT. JOINT



NEW JOINT



MANHOLE/PIT



NEW CONCRETE POLE



EXT. CONCRETE POLE



EXT. IRON POLE



FOC 12C IB



FOC 24C IB



FOC 48C IB

3.2 New Pole details

No	POLE ID	Pole Type	GPS Coordinate
1	1	Concrete Pole 7.5m	4.659913, 101.169469
2	2	Concrete Pole 7.5m	4.660002, 101.169749
3	3	Concrete Pole 7.5m	4.660056, 101.169870
4	4	Concrete Pole 7.5m	4.660093, 101.169992
5	5	Concrete Pole 7.5m	4.660374, 101.169311
6	6	Concrete Pole 7.5m	4.660459, 101.169580
7	7	Concrete Pole 7.5m	4.660571, 101.169819
8	8	Concrete Pole 7.5m	4.660641, 101.170024
9	9	Concrete Pole 7.5m	4.660895, 101.169216
10	10	Concrete Pole 7.5m	4.660993, 101.169500
11	11	Concrete Pole 7.5m	4.661054, 101.169699
12	12	Concrete Pole 7.5m	4.661139, 101.169961

3.3

New Pole Illustration



Jalan Gerbang Tanjung 10

Jalan Gerbang Tanjung 9

3.3

New Pole Illustration



Jalan Gerbang Tanjung 9



Jalan Gerbang Tanjung 8

3.3

New Pole Illustration



Jalan Gerbang Tanjung 8

5.1 Fiber/Civil Accessories

FDP



Supplier : Fiberhome
Model/Spec :

FOC Cable



Supplier : Fiberhome
Model/Spec :

5.1 Fiber/Civil Accessories

POLE 7.5/9M



Supplier : PMW
Model/Spec :

END OF TECHNICAL PROPOSAL