

UM5G FOC SA_F08 NID NGBH – RTPS

Revision Record

Revision No.	Description Of Change	Author	Effective Date
0	New Document	MUHAMMAD NUR HAIMI BIN AMDAN	05/10/2023
1	1. Info Main Fiber, Permit & IW. 2. Additional Picture of building & picture every Manhole	MUHAMMAD NUR HAIMI BIN AMDAN	9/06/2025

Technical Proposal for TM Project



Project Description:	UM5G FOC SA_F08 NID NGBH – RTPS
Project Number:	TMNA/253755
TM Node	SA
Region	NORTHERN
SITE ID	RTPS
RFSI Date	30 MAC 2026
GPS Coordinate	5.239306, 100.735139
Main Fiber Info	SA_F08
Required Permit OSA	Yes
Landowner permit/issue	Yes
Required IW	No
Floor Involved for IW	

Prepared by:	MUHD ALIF JAZLI BIN JOHARI
Company Name:	PROSERINS TECHNOLOGY SDN. BHD
Date:	10/1/2026
TP Revision:	0

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

Checklist for 5G project

NO			DETAIL	TICK IF REQUIRED
1	5G Cabinet Location	1.1	5G Cabinet Map Location	
		1.2	5G Cabinet Details and Illustration	
2	Fiber Route Information	2.1	Detail Fiber Route to the site	
4	New Pole & Civil information	4.1	Pole plan (new pole)	
		4.2	Pole details	
5	New Civil	5.1	Civil Plan	
		5.2	Civil Illustration	
		5.3	Civil Manhole Detail	
6	BOQ & BOM	6.1	Project BOQ	
		6.2	Detail BOM	
7	Costing	7.1	Overall Costing	
8	PO VO	8.1	Plan	
		8.2	Costing	
		8.3	SI FORM	



KABINET UM5G – RTPS
LAT/LONG: 5.239306, 100.735139

NOTE:
-Semasa survey 8/1/2026 didapati Kabinet UM5G yang terbaru belum tersedia lagi.

Legend:  5G Cabinet Location

1.2

5G Cabinet Details and Illustration

No	Info	Road/Location	Type	Lat/Long
1	UM5G RTPS	Ladang Sawit, 34140 Selama, Perak	TOWER	5.239306, 100.735139



Legend:  5G Cabinet Location

2.1

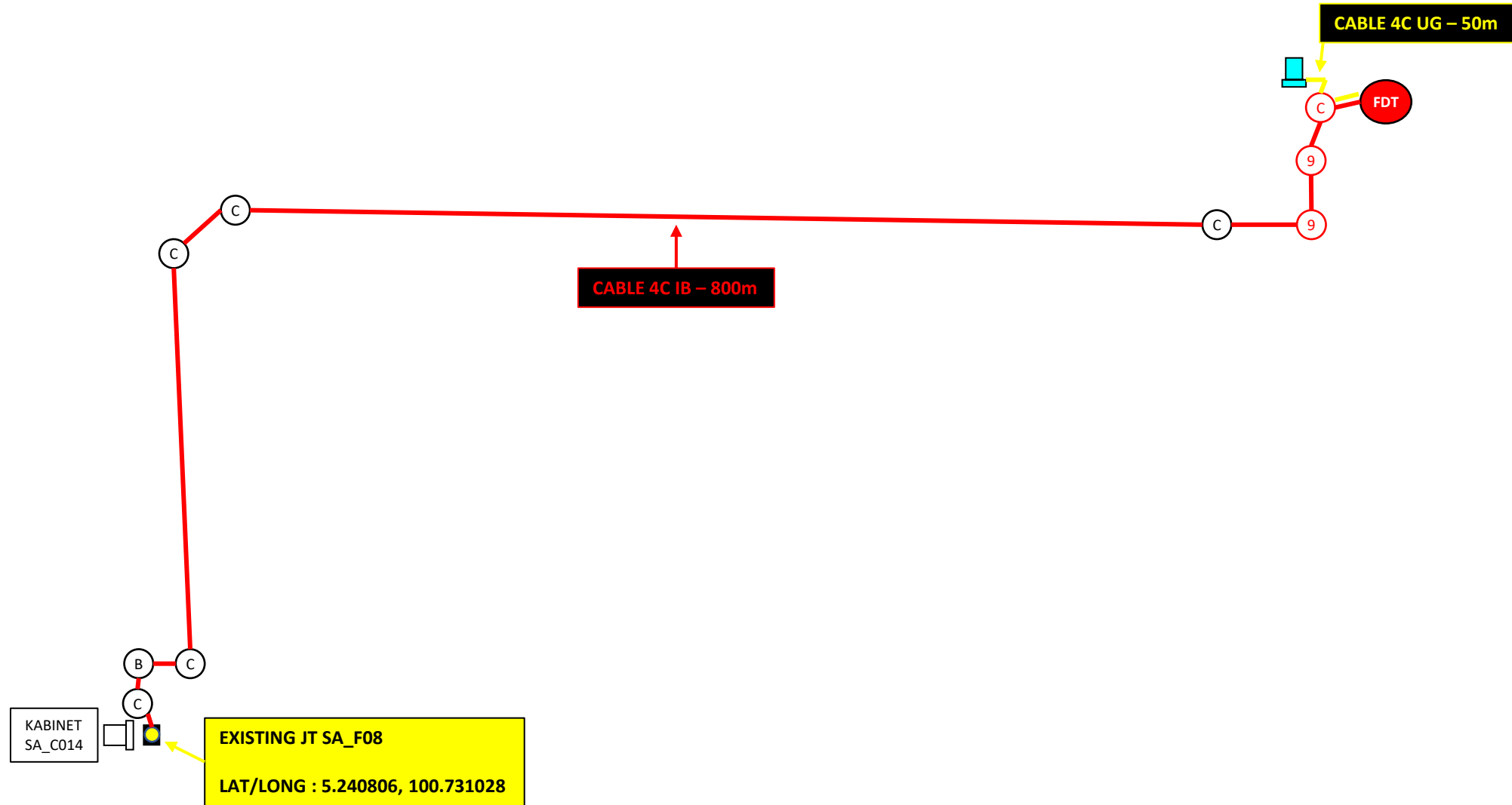
Detail Fiber Route to the site



Legend:  5G Cabinet  Existing Joint  New Pole Concrete 7.5m  New Pole Concrete 9.0m  Ext Pole Concrete  New FDT

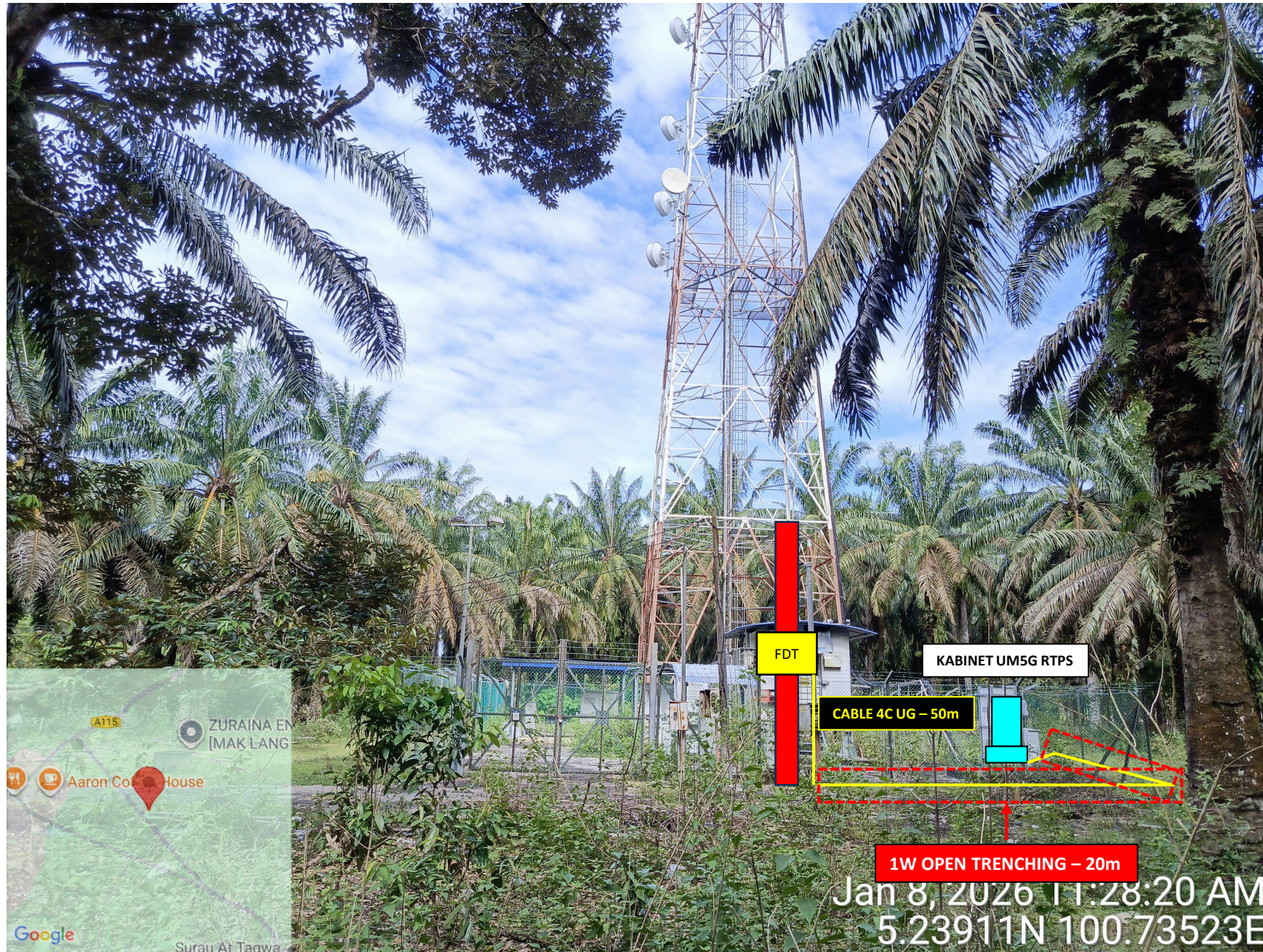
2.1

Detail Fiber Route to the site - SLD



Legend: 5G Cabinet Existing Joint New Pole Concrete 7.5m New Pole Concrete 9.0m Ext Pole Concrete New FDT

2.1 Detail Fiber Route- Lalan Kabel dari FDT ke Kabinet



3.1

New Pole Plan



Legend:



5G



NEW POLE CONCRETE 7.5m

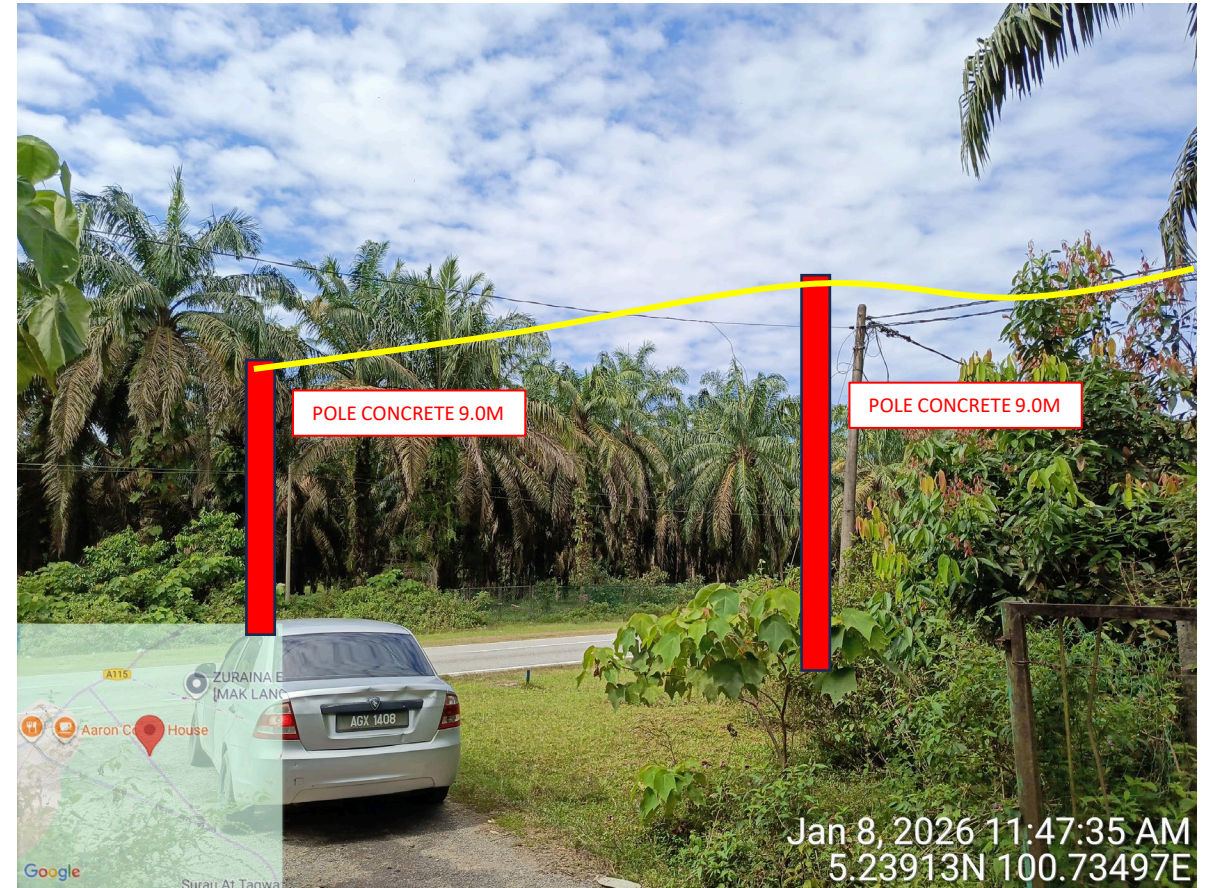


NEW POLE CONCRETE 9.0m

3.2 New Pole details

No	Pole Type	GPS Coordinate
1	Concrete Pole 7.5m	5.23925,100.73517
2	Concrete Pole 9.0m	5.23912,100.73493
3	Concrete Pole 9.0m	5.23902,100.73480
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17		
18		

3.3 New Pole Illustration



Photos On-Site

MH EXISTING JOINT SA_F08



4.1 BIL OF QUANTITY - BOQ

Contract NO	3400049581
Vendor No	1013314
Project No	TMNA/253755
Region	NORTHERN
Exchange	SA
BOQ Date	10 JAN 2026
LOR ID	PRK-PST-2600366-TP



No	PU ID	PU DESC	RATE	REQ QUANTITY	TOTAL(RM)
1	600010	COMMERCIAL S/I FOC 4C UG (ORI MAX)	6.89	50	344.50
2	600012	COMMERCIAL S/I FOC 4C OH (ORI MAX)	7.83	800	6,264.00
3	908144	S/I CONCRETE POLE (UP TO 4 POLES) (ORI MAX)	673.38	3	2,020.14
4	908137	S/I 1 WAY OPEN TRENCHING (ORI MAX)	44.39	20	887.80
			MATERIAL MANAGEMENT FEE		428.24
			SST 6%		596.68
TOTAL COST					10,541.36

BOQ Prepared by:	MUHD ALIF JAZLI BIN JOHARI
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Date:	10/1/2026
BOQ Revision:	0

4.2 BOM - PRK-PST-2600366-TP – UM5G RTPS

No	Items	Unit	Quantity
1	CABLE OFC 4C LOOSE IB	M	800
2	CABLE OFC 4C LOOSE U/G	M	50
3	FIBER DP AERIAL CW SP 1X1:8	PCS	1
4	SUBDUCT CORRUGATED HDPE 40MM	M	30
5	POLE CONCRETE 7.5M	EA	1
6	POLE CONCRETE 9.0M	EA	2
7	CLAMP TERMINATING POLE IRON	EA	2
8	CLAMP IB NO.2	EA	10
9	HOOK CLAMP IB NO. 2A	EA	10
10	CLAMP POLE CONCRETE	EA	23
11	TIE CABLE STAINLESS STEEL 7MM X 335MM	EA	4
12	TIE CABLE STAINLESS STEEL 7MM X 490MM	EA	6
13	GRIP PREFORMED 7/1.6	EA	20
14	THIMBLE OPEN SMALL	PCS	20
15	PIPE GI 50MM X 4M C/W COUPLING	PCS	1
16	BOX PANEL DISTRIBUTION 12C	EA	1
17	CLAMP POLE CONCRETE FOR POLE CONCRETE 9.0m	EA	3
18			

END OF TECHNICAL PROPOSAL