

UM5G FOC SIM2_F13 NID NGBH - TMKY

Revision Record

Revision No.	Description Of Change	Author	Effective Date
0	New Document	MUHAMMAD NUR HAIMI BIN AMDAN	05/10/2023
1	<ol style="list-style-type: none">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 SIM2_F13 NID NGBH - TMKY
Project Number:	TMNA/253040
TM Node	SIM2
Region	NORTHERN
SITE ID	TMKY
RFSI Date	28/02/2026
GPS Coordinate	4.815750, 100.725806
Main Fiber Info	SIM2_F13
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:	5/2/2026
TP Revision:	2

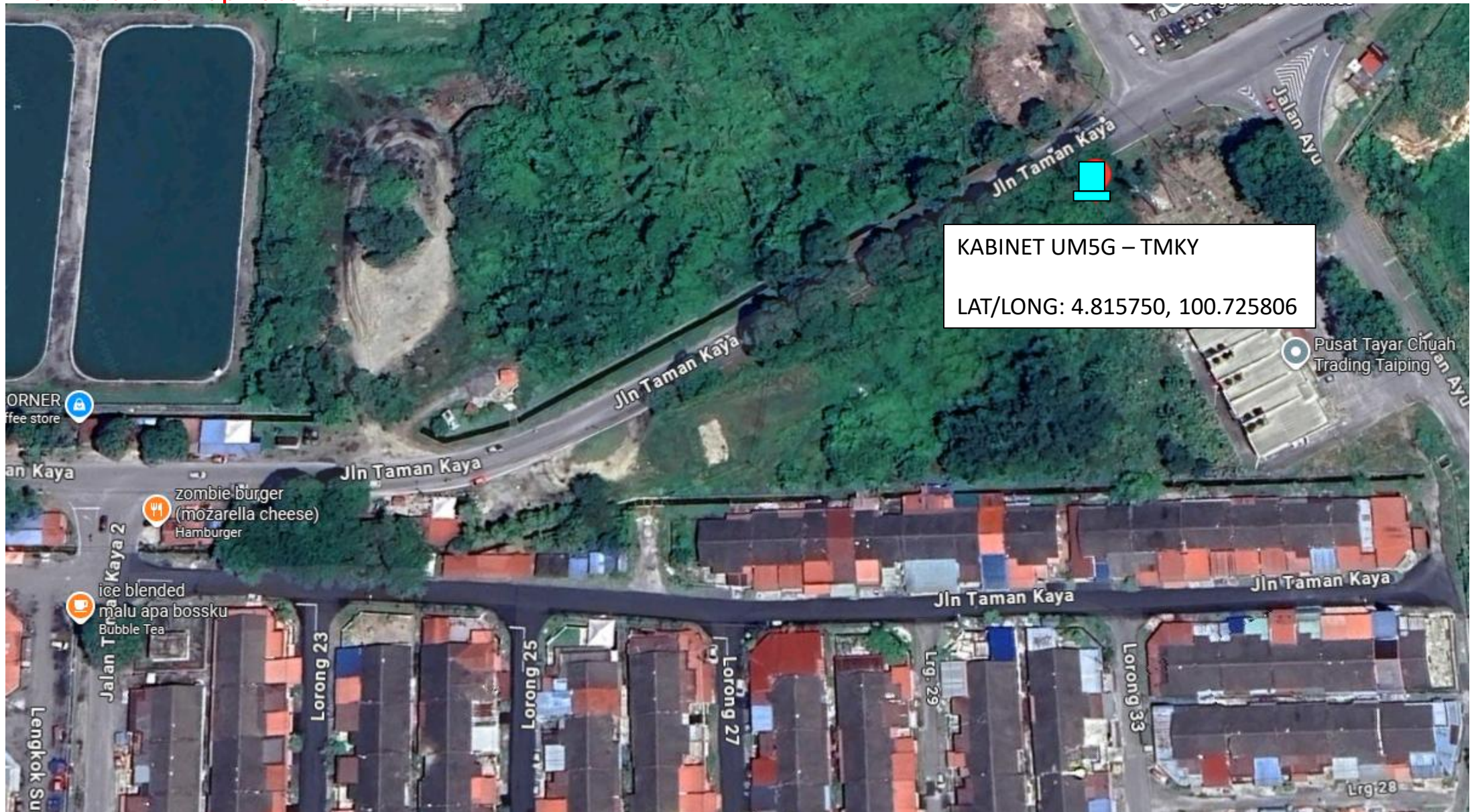
MATRIX REQUIREMENT FOR PROJECT

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	



Legend:



5G Cabinet Location

1.2

5G Cabinet Details and Illustration

No	Info	Road/Location	Type	Lat/Long
1	UM5G TMKY	Jalan Taman Kaya,34000 Taiping, Perak	TOWER	4.815750, 100.725806



Legend:



5G Cabinet Location

2.1

Detail Fiber Route to the site



Legend:



5G Cabinet



Existing Joint



New Pole Concrete



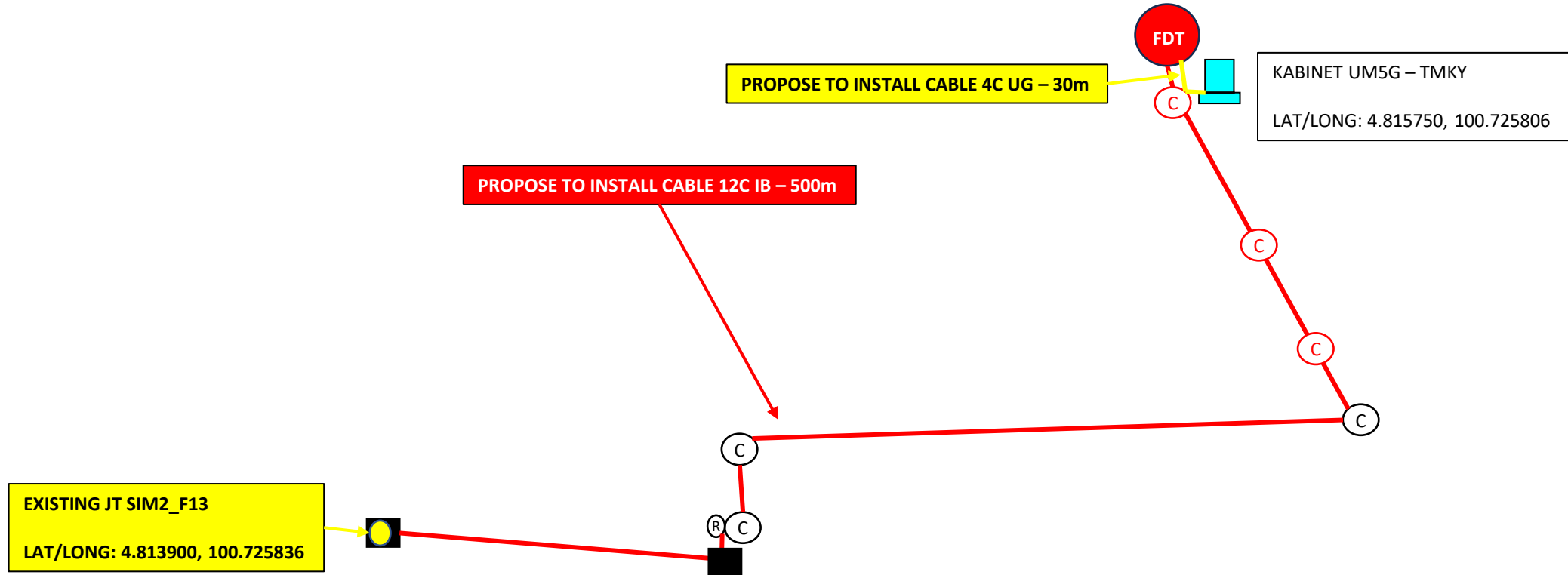
Ext Pole Concrete



New FDT

2.1

Detail Fiber Route to the site - SLD



Legend:



5G Cabinet



Existing Joint



New Pole Concrete



Ext Pole Concrete



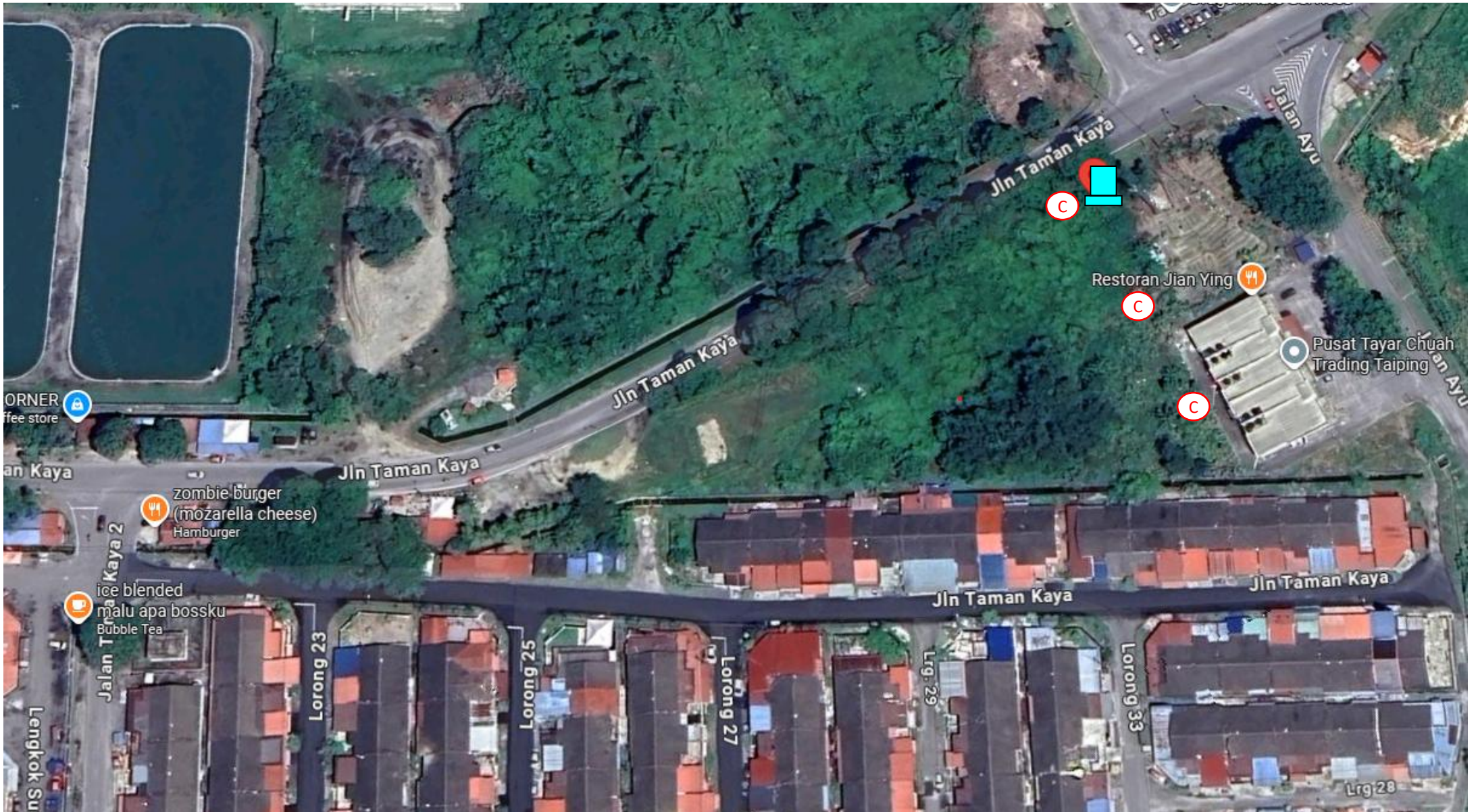
New FDT

2.1 Detail Fiber Route- Lalan Kabel dari FDT ke Kabinet



3.1

New Pole Plan



Legend:



5G

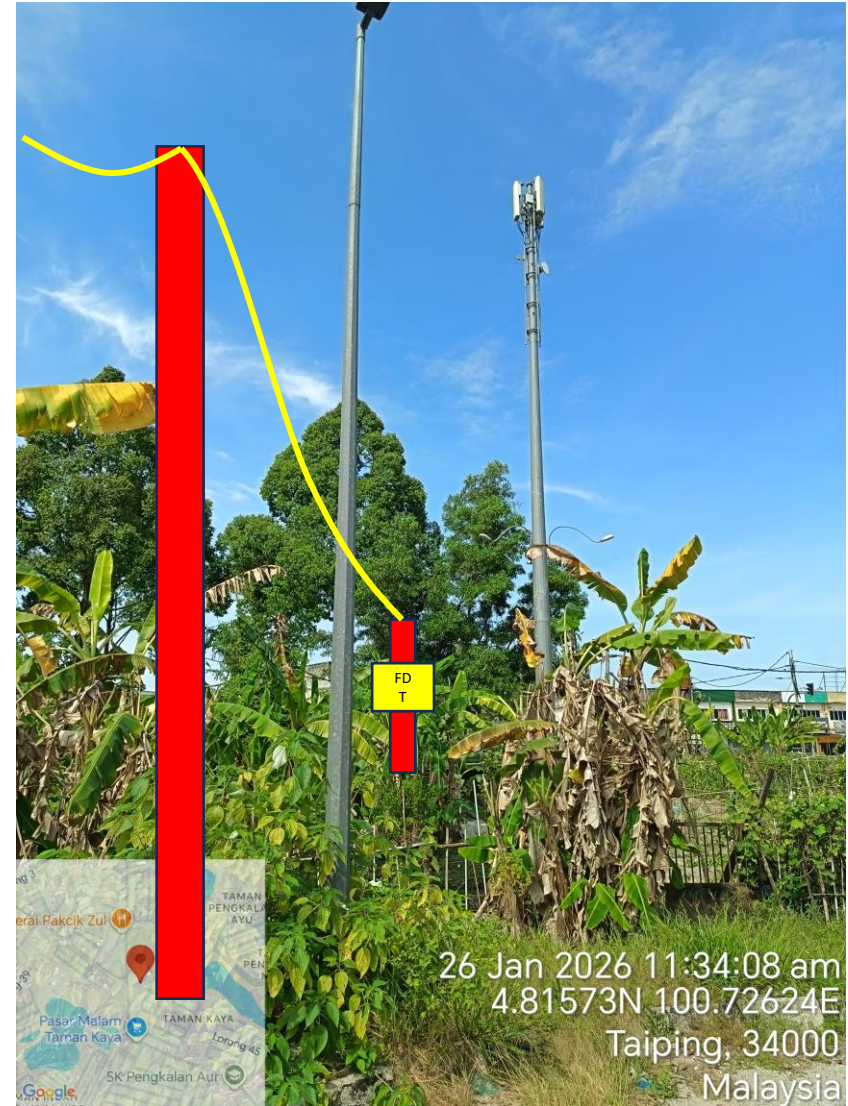


NEW POLE CONCRETE

3.2 New Pole details

No	Pole Type	GPS Coordinate
1	Concrete Pole 7.5m	4.815793, 100.725867
2	Concrete Pole 7.5m	4.815756, 100.726117
3	Concrete Pole 7.5m	4.815742, 100.726339
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		

3.3 New Pole Illustration



3.3 New Pole Illustration



3.4 New Civil



3.5 New Civil details

No	PU ID	PU Desc	GPS Coordinate
1	908205	CUT/REMOVE ASPHALT/CON SURFACE	4.813900, 100.725836
2	108272	50MM THICK ACWC ROAD PAVEMENT	4.813900, 100.725836
3	908137	S/I 1 WAY OPEN TRENCHING (ORI MAX)	4.815793, 100.725867
4			
5			
6			
7			
8			
9			
10			

Photos On-Site



4.1 BIL OF QUANTITY - BOQ

Contract NO	3400049581
Vendor No	1013314
Project No	TMNA/253040
Region	NORTHERN
Exchange	SIM2
BOQ Date	5 FEB 2026
LOR ID	PRK-PST-2543529-TP



No	PU ID	PU DESC	RATE	REQ QUANTITY	TOTAL(RM)
1	600010	COMMERCIAL S/I FOC 4C UG (ORI MAX)	6.89	30	206.70
2	908098	COMMERCIAL S/I FOC 12C OH (ORI MAX)	10.53	500	5,265.00
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	5	221.95
5	108269	CUT/REMOVE ASPHALT/CON SURFACE 750mm WID	25.83	1	25.83
6	108272	50MM THICK ACWC ROAD PAVEMENT	42.91	1	42.91
			MATERIAL MANAGEMENT FEE		347.12
			SST 6%		487.78
TOTAL COST					8,617.44

BOQ Prepared by:	MUHD ALIF JAZLI BIN JOHARI
Company Name:	PROSERINS TECHNOLOGY SDN BHD
Date:	5/2/2026
BOQ Revision:	0

4.2 BOM - PRK-PST-2543529-TP – UM5G TMKY

No	Items	Unit	Quantity
1	CABLE OFC 12C LOOSE IB	M	500
2	CABLE OFC 4C LOOSE U/G	M	30
3	FIBER DP AERIAL CW SP 1X1:8	PCS	1
4	SUBDUCT CORRUGATED HDPE 40MM	M	20
5	POLE CONCRETE 7.5M	EA	3
6	CLAMP IB NO.2	EA	3
7	HOOK CLAMP IB NO. 2A	EA	3
8	CLAMP POLE CONCRETE	EA	11
9	TIE CABLE STAINLESS STEEL 7MM X 335MM	EA	4
10	TIE CABLE STAINLESS STEEL 7MM X 490MM	EA	10
11	GRIP PREFORMED 7/1.6	EA	10
12	THIMBLE OPEN SMALL	PCS	10
13	BOX PANEL DISTRIBUTION 12C	EA	1
14			
15			
16			
17			
18			

END OF TECHNICAL PROPOSAL