

Template – Technical Proposal for SVY UM5G FOR NORTHERN REGION 1 - PRK

Revision Record

Revision No.	Description Of Change	Author	Effective Date
0	New Document	MOHD KHAIRUL ASUAN BIN AHMAD	4/07/2025
1	1. Info MainFiber, Permit & IW. 2. Additonal Picture of building & picture every Manhoe	MOHD KHAIRUL ASUAN BIN AHMAD	4/07/2025

Technical Proposal for TM Project



Project Description:	SVY UM5G FOR NORTHERN REGION 2 – PRK [PRKT]
Project Number:	TMNA/250392
TM Node	KMT
Region	NORTHERN
SITE ID	PRKT
RFSI Date	20 JUNE 2025
GPS Coordinate	4.877837, 100.701642
Main Fiber Info	KMT_F015
Required Permit OSA	YES
Landowner permit/issue	YES
Required IW	No
Floor Involved for IW	NO

Prepared by:	MUHD ALIF JAZLI BIN JOHARI
Company Name:	PROSERINS TECHNOLOGY SDN. BHD.
Date:	15/7/2025
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	

1.1

5G Cabinet Map Location



Legend:  5G Cabinet Location

1.2

5G Cabinet Details and Illustration

No	Info	Road/Location	Type	Lat/Long
1	5G CABINET	Jalan Lengkungan Perusahaan Kamunting 3/2, 34600 Kamunting, Perak	TOWER	4.877837, 100.701642

Propose Location



Legend:



5G Cabinet Location

Detail Fiber Route to the site



SAIZ KABEL	JARAK COPPER (m)	JARAK FIBER (m)
	0.00	
	0.00	
	0.00	
	0.00	
	0.00	

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TMNA/250392
 SVY UM5G FOR NORTHERN REGION 2 - PRK
 PRKT

- FDP R :- FDP
- :- M / HOLE
- :- JB 11
- :- Joint
- :- FDC
- C :- CONCRETE POLE (NEW)
- C :- CONCRETE POLE (EXISTING)
- B :- IRON POLE (EXISTING)

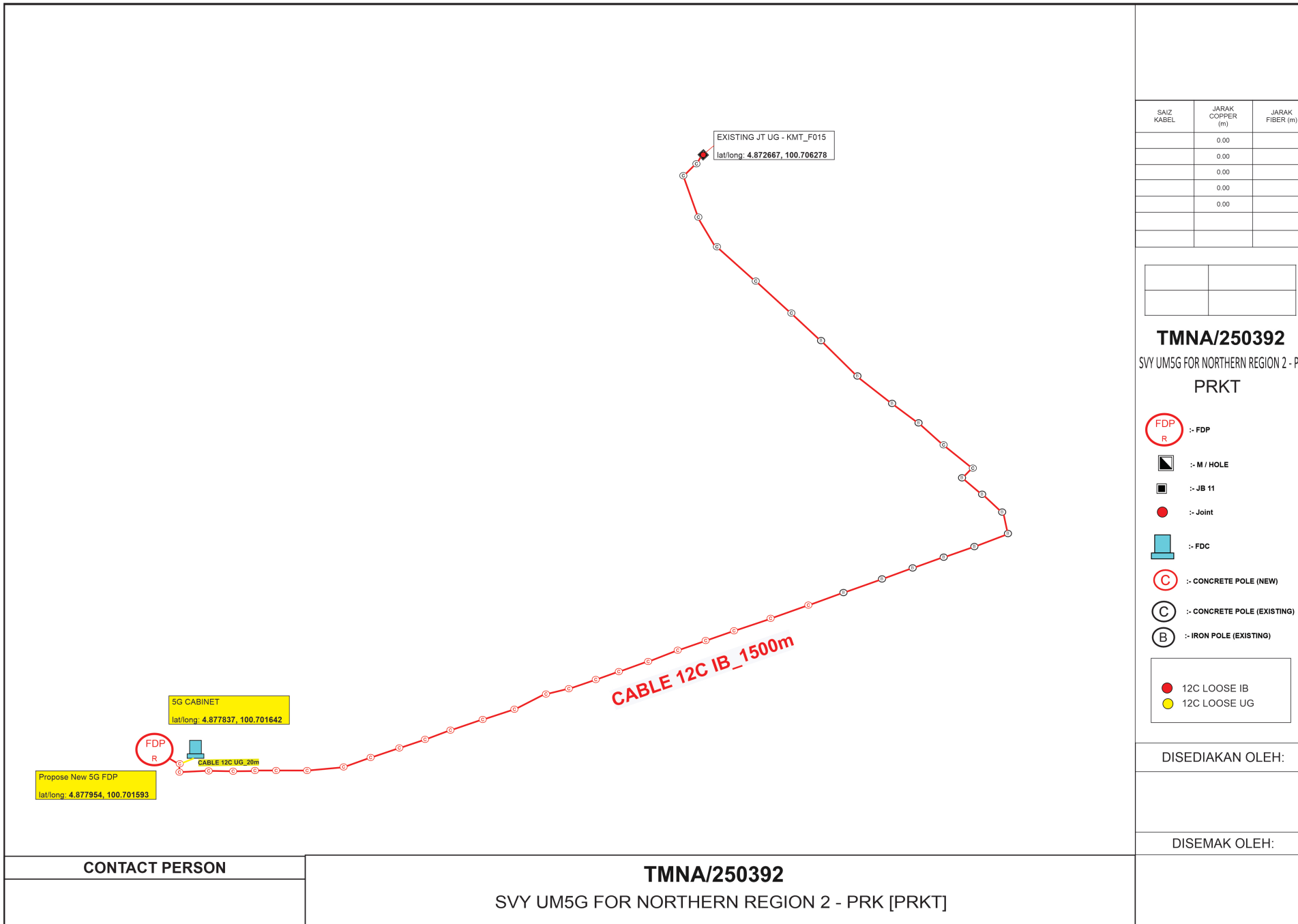
- 12C LOOSE IB
- 12C LOOSE UG

DISEDIAKAN OLEH:

DISEMAK OLEH:

CONTACT PERSON

TMNA/250392
 SVY UM5G FOR NORTHERN REGION 2 - PRK [PRKT]



SAIZ KABEL	JARAK COPPER (m)	JARAK FIBER (m)
	0.00	
	0.00	
	0.00	
	0.00	
	0.00	

TMNA/250392
SVY UM5G FOR NORTHERN REGION 2 - PRK
PRKT

- :- FDP
 - :- M / HOLE
 - :- JB 11
 - :- Joint
 - :- FDC
 - :- CONCRETE POLE (NEW)
 - :- CONCRETE POLE (EXISTING)
 - :- IRON POLE (EXISTING)
- | | |
|--|--------------|
| | 12C LOOSE IB |
| | 12C LOOSE UG |

DISEDIAKAN OLEH:

DISEMAK OLEH:

CONTACT PERSON

TMNA/250392
SVY UM5G FOR NORTHERN REGION 2 - PRK [PRKT]

3.1 New Pole Plan



Legend:  POLE  FDP

3.2 New Pole details

No	POLE ID	Pole Type	GPS Coordinate
1	1	Concrete Pole 7.5m	4.877900, 100.701603
2	2	Concrete Pole 7.5m	4.877912, 100.701543
3	3	Concrete Pole 7.5m	4.877675, 100.701537
4	4	Concrete Pole 7.5m	4.877477, 100.701518
5	5	Concrete Pole 7.5m	4.877269, 100.701509
6	6	Concrete Pole 7.5m	4.877043, 100.701476
7	7	Concrete Pole 7.5m	4.876753, 100.701460
8	8	Concrete Pole 7.5m	4.876486, 100.701437
9	9	Concrete Pole 7.5m	4.876226, 100.701486
10	10	Concrete Pole 7.5m	4.875954, 100.701553
11	11	Concrete Pole 7.5m	4.875656, 100.701609
12	12	Concrete Pole 7.5m	4.875352, 100.701675
13	13	Concrete Pole 7.5m	4.875096, 100.701721
14	14	Concrete Pole 7.5m	4.874832, 100.701770
15	15	Concrete Pole 7.5m	4.874526, 100.701844
16	16	Concrete Pole 7.5m	4.874263, 100.701905
17	17	Concrete Pole 7.5m	4.873998, 100.701960
18	18	Concrete Pole 7.5m	4.873691, 100.702026

New Pole Illustration



FDP

New Pole Illustration



New Pole Illustration



4.1

BIL OF QUANTITY - BOQ

Contract NO	3400038775
Vendor No	1013314
Project No	TMNA/250392
Region	NORTHERN
Exchange	KMT
BOQ Date	15 JULY 2025
LOR ID	PRK-PST-2519994-TP



No	PU ID	PU DESC	RATE	REQ QUANTITY	TOTAL
1	908075	COMMERCIAL S/I FOC 12C UG (CNC LITE)	6.07	20	121.40
2	908083	COMMERCIAL S/I FOC 12C OH (CNC LITE)	5.65	1500	8,475.00
3	112050	TRANSPORT OF POLE(>200KM)PER TRIP (>4POL)	462.28	4	1,849.12
4	108728	INSTALLATION OF POLE WITH ACCESSORIES	96.40	20	1,928.00
5	112010	INSTALLATION OF POLE LESS THAN 4 POLES	294.50	4	1,178.00
TOTAL COST					13,551.52

BOQ Prepared by:	MUHD ALIF JAZLI BIN JOHARI
Company Name:	PROSERINS TECHNOLOGY SDN. BHD.
Date:	15/7/2025
BOQ Revision:	0

4.2

BOM

No	Items	Unit	Quantity	Total
1	FIBER DP AERIAL CW SP 1X1:8	PCS	1	69.14
2	CABLE OFC 12C LOOSE IB	M	1500	4,007.89
3	CABLE OFC 12C LOOSE U/G	M	20	57.47
4	SUBDUCT CORRUGATED HDPE (40MM)	M	30	32.54
5	CLAMP TERMINATING POLE IRON	EA	19	140.91
6	CLAMP IB NO.2	EA	30	313.16
7	HOOK CLAMP IB NO.2A	EA	30	34.02
8	POLE CONCRETE 7.5M	EA	24	8,319.26
9	CLAMP POLE-HEAD RING (POLE CONCRETE)		1	22.70
10	CLAMP POLE CONCRETE	EA	37	385.07
11	TIE CABLE STAINLESS STEEL 7MM X 335 MM (aka JUBLEE CLIP)	EA	4	1.42
12	TIE CABLE STAINLESS STEEL 7MM x 490MM	EA	4	1.65
13	GRIP PREFORMED 7/1.6	EA	34	88.12
14	THIMBLE OPEN SMALL	PCS	34	28.12
15	STRUT PIPE 7.6M	PCS	4	900.40
16				
17				
18				

7.0 Overall Costing

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Vendor No	1013314
Project No	TMNA/250392
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Exchange	KMT
BOQ Date	15 JULY 2025
LOR ID	PRK-PST-2519994-TP



No	PU ID	TOTAL
1	Material	14,380.00
2	Labour	
3	Incidental	44,340.00
TOTAL COST		58,720.00

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END OF TECHNICAL PROPOSAL