



Technical Proposal for TM Project



Project Description:	USP MC2021 FTTH (SRP) HUJUNG PARIT BUANG TOK SALEH
Project Number:	TMKA/250103
TM Node	SRP
Region	PERAK
NE ID	USP2400204
Total FTTH Ports	8
Total Property	7
PF (%)	
RFSI Date	07 FEB 2025
GPS Coordinate	

Prepared by:	MOHD AZRIN BIN AZIZAN
Company Name:	KAZAKON SDN BHD
Date:	10 FEB 2025
TP Revision:	1

Contents

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

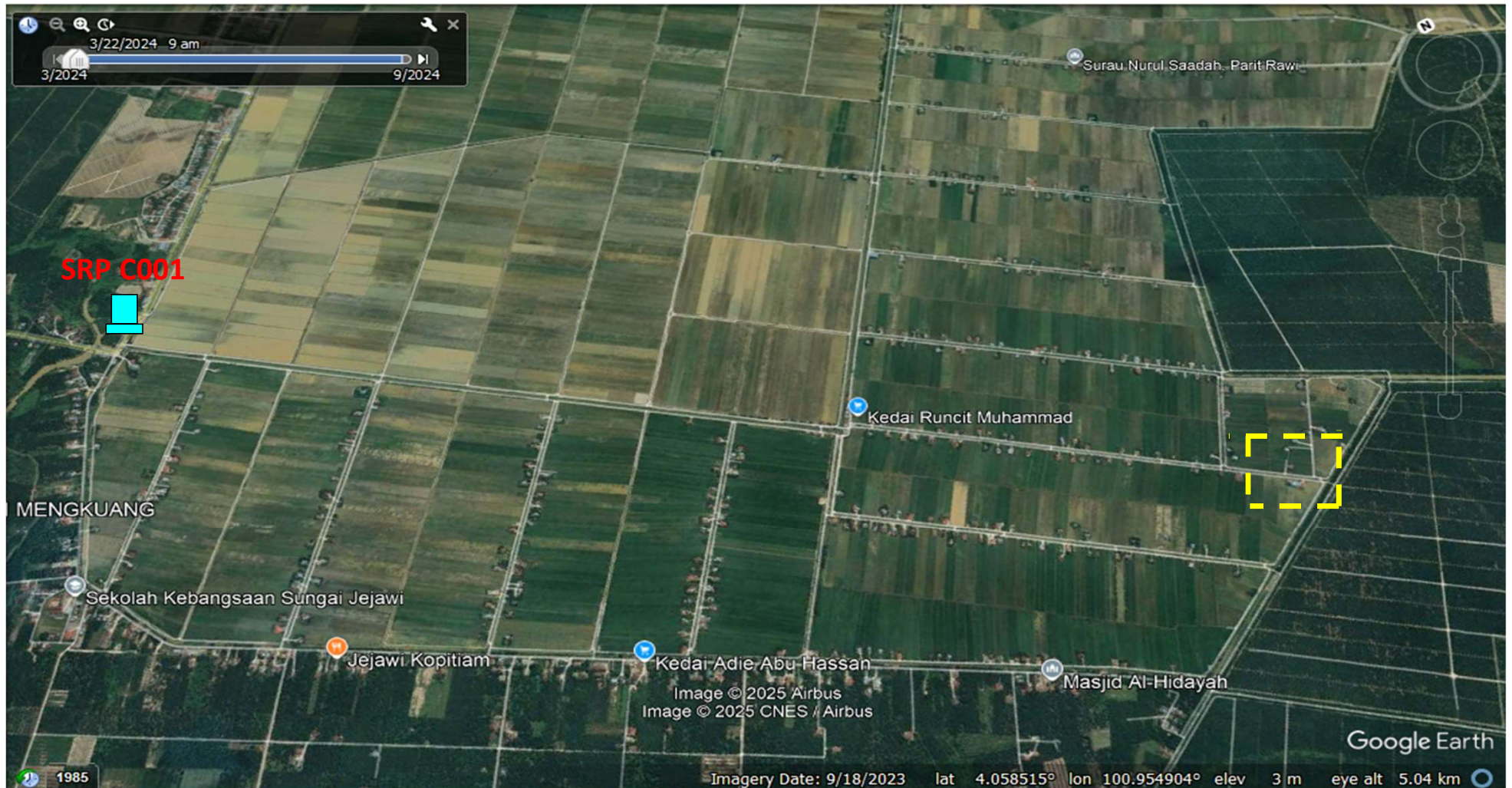
- 2.0 **FDP information**
 - 2.1 FDP and FOOSC Location ✓
 - 2.2 FDP Boundary ✓
 - 2.3 Cable Plan ✓
 - 2.4 Spur Information ✓
 - 2.5 FDP details ✓
 - 2.6 Tie FDP details

- 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

1.1 FDC Location & Boundary



Legend:



FDC

1.2 FDC Details and Illustration

No	Info	Road/Location	Type	Total Splitter	Coordinate
1	FDC	JALAN SUNGAI JEWAWI KG.GAJAH	Normal	1	4.073876,100.93412

FDC Location



2.1 FDP and FOSC Location Plan



Legend:



FDC



FDP

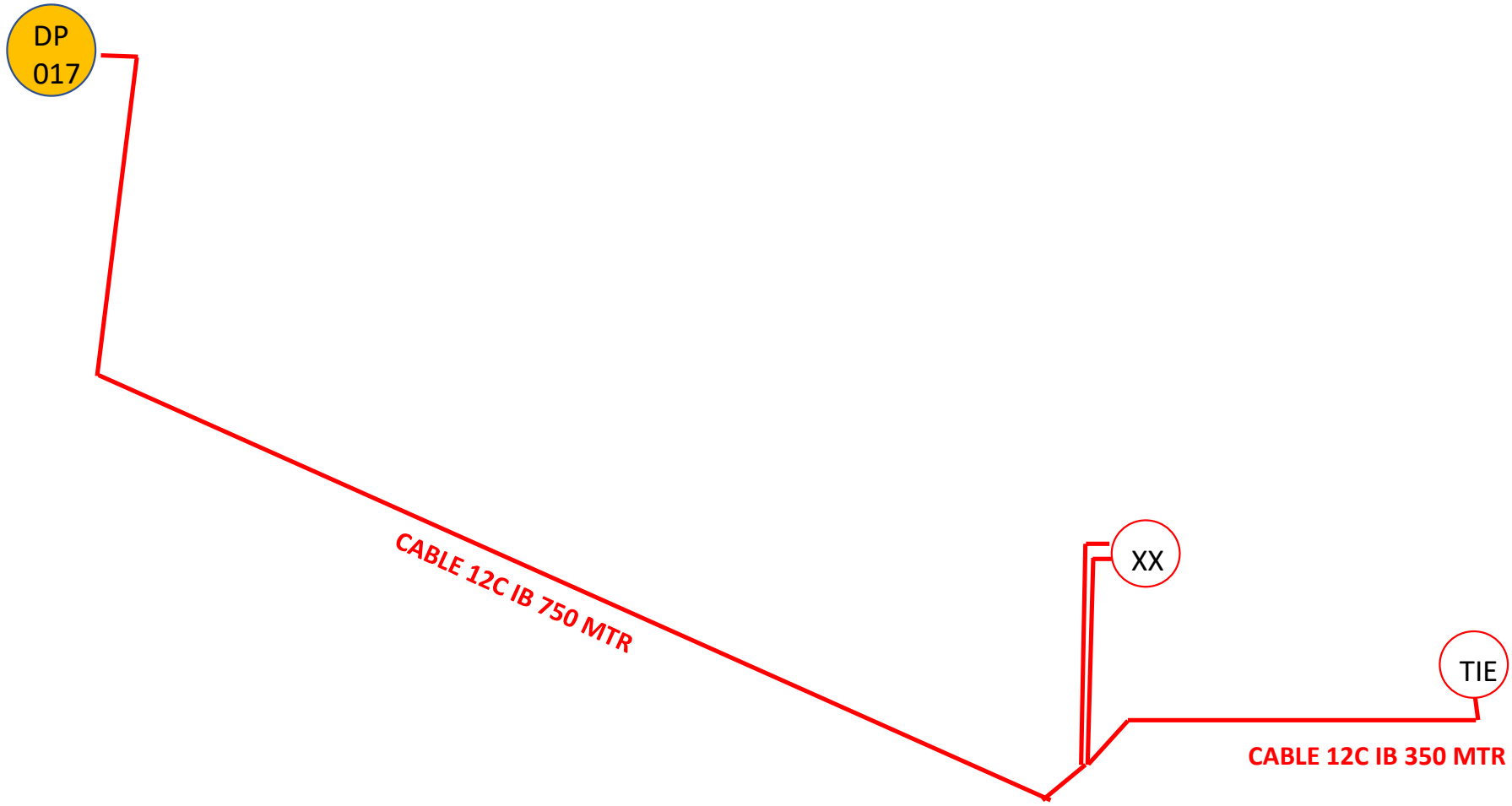


FOSC



POLE

2.3 Cable Plan



Legend:



FDC



FDP



FOSC



POLE

2.4 SPUR INFORMATION (CABLE TO FD2)



Legend:



FDC



FDP



FOSC

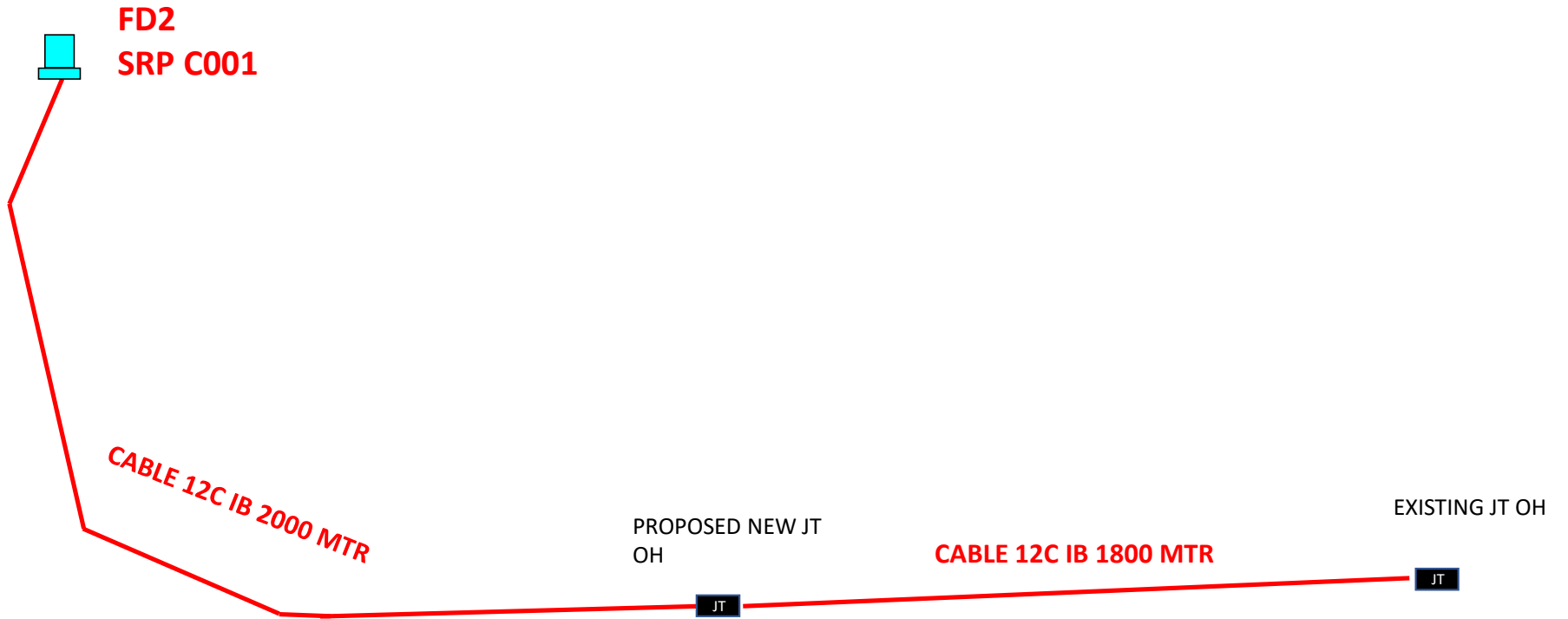


POLE



X

2.4 SPUR INFORMATION -Cable Plan



Legend:



FDC



FDP



FOSC



POLE



X

2.5 FDP Details – Normal Project

No	Info	DP Type	Road/Location	Ports	Properties Covered	Guide
1	DP00X	POLE	HADAPAN RUMAH NO F237 PARIT HAJI HASSAN KG.SUNGAI TIMAH 36000 TELUK INTAN PERAK	3		
2	DP TIE	POLE	HADAPAN RUMAH NO 194 PARIT HAJI HASSAN KG.SUNGAI TIMAH 36000 TELUK INTAN PERAK	4		

3.1 New Pole Plan



Legend:



FDC



FDP



FOSC

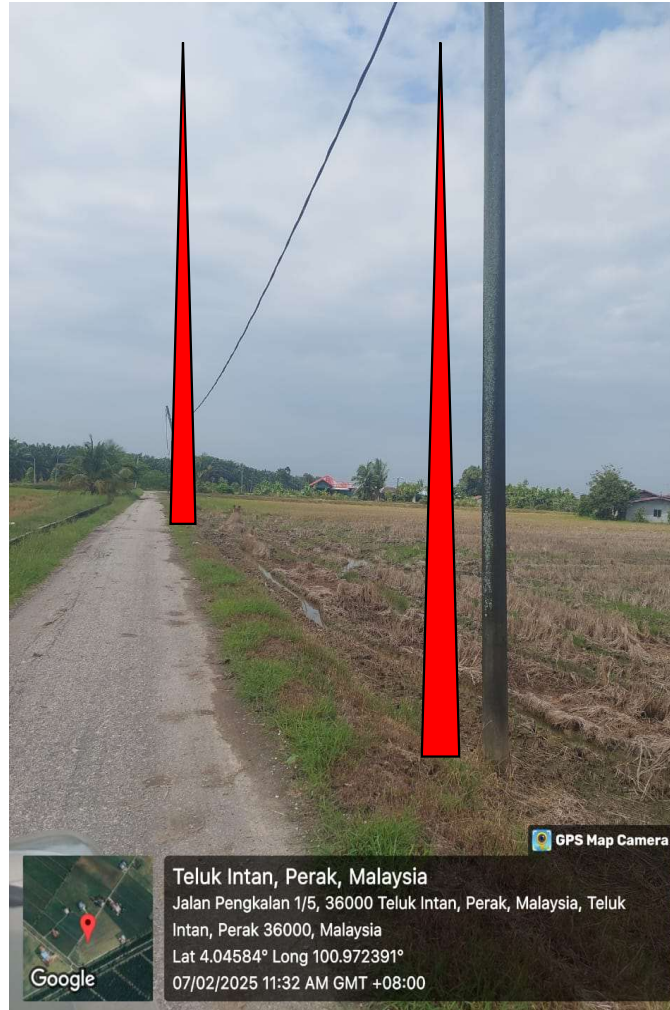


POLE

3.2 New Pole details

No	POLE ID	Pole Type	GPS Coordinate
1	1	Concrete Pole 7.5m	4.044913, 100.971721
2	2	Concrete Pole 7.5m	4.045176, 100.971922
3	3	Concrete Pole 7.5m	4.045505, 100.972174
4	4	Concrete Pole 7.5m	4.045749, 100.972360
5	5	Concrete Pole 7.5m	4.046145, 100.972558
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

3.3 1 New Pole Illustration



4.1 BIL OF QUANTITY - BOQ

Contract NO	3400039027
Vendor No	1003219
Project No	TMKA/250103
Region	PERAK
Exchange	SRP
BOQ Date	10 FEB 2025
LOR ID	PRK-KZK-2504425-TP



BOQ Prepared by:	MOHD AZRIN BIN AZIZAN
Company Name:	KAZAKON SDN BHD
Date:	10 FEB 2025
BOQ Revision:	0

NO	ITEMS		RATE	REQ QUANTITY	TOTAL
1	908043	CPP SURU UP TO 8 PORT (ORI MAX)	692.00	8	RM 5,536.00
2	908135	(S/I) TIE DP/ SPLITTER (ORI MAX)	3224.00	1	RM 3,224.00
3	908064	EXCESS CABLE LOOSE IB 12C(ORI MAX)	4.76	3604	RM 17,155.04
4	108728	INSTALLATION OF POLE WITH ACCESSORIES	96.40	1	RM 96.40
5	112010	INSTALLATION OF POLE LESS THAN 4 POLES	294.50	4	RM 1,178.00
5	112030	TSPORT OF POLE UPTO 50KM PER TRIP(>4PLS)	91.14	1	RM 91.14
		Material Management Fee			RM 1,166.18
		TOTAL COST			RM 28,446.76

4.2 BOM

NO	ITEMS	UNIT	QUANTITY	TOTAL
1	POLE CONCRETE 7.5M	PCS	5	5
2	THIMBLE OPEN SMALL	PCS	98	98
3	CLAMP IB NO.2	PCS	117	117
4	HOOK CLAMP IB NO.2A	EA	117	117
5	GRIP PREFORMED 7/1.6	PCS	98	98
6	CLAMP POLE CONCRETE	EA	173	173
7	CLAMP POLE-HEAD RING (POLE CONCRETE)	EA	2	2
8	CABLE OFC 12C LOOSE IB (SPUR)	M	3800	3800
9	CABLE OFC 12C LOOSE IB (DSIDE)	M	1100	1100
10	FIBER DP PEDESTAL CW SP 1X1:8	SET	1	1
11	FIBER DP WO SPLITTER AERIAL	SET	1	1
12	Tie Cable Stainless Steel 7MM x 335MM	EA	12	12
13	Tie Cable Stainless Steel 7MM x 490MM	EA	8	8
14	CLOSURE JOINTING OFC 12C	EA	1	1

END OF TECHNICAL PROPOSAL