



SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK
INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT
(D-SIDE) - PMU TPNG FOR ABD3072 SEKOLAH JENIS
KEBANGSAAN (TAMIL) LADANG GEDONG



TECHNICAL PROPOSAL

POP 2 ABD3072 SEKOLAH JENIS KEBANGSAAN (TAMIL) LADANG GEDONG

Company Name : Intelligent Connections Sdn Bhd
Company Address : 43, Jln Serendah 26/39, Hicom Industrial Estate, 40400 Shah Alam, Selangor
Prepared By : Imran Bin Kamaruzaman
Date : 11/07/2024
TP NO : POP2-ALLO-NR-TP-0701



Starting Point

Site / Boundary Name : Ladang Gedong
Address : Sungai Gedong, Ladang Gedong, Perak, Bagan Serai
District : Taiping
Postcode : 34300
State : Perak
GPS Coordinate : 4°58'30.06"N 100°36'15.37"E
LRD : A

End Point

Site / Boundary Name : Ladang Gedong
Address : Jalan Taiping - Bagan Serai 34300 Bagan Serai Perak
District : Taiping
Postcode : 34300
State : Perak
GPS Coordinate : 4°57'35.36"N 100°37'11.67"E
LRD : B



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1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	0
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
Total			0

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2610
2	Install New Pole	ea	64
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	ea	0
5	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing)	ea	14
6	Estimated Time Required for Completion	days	30



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2.0 LOCAL AUTHORITY SUMMARY

Daerah Taiping

NO	ITEMS	Owner	Quantity	Distance (m)
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	54	2,160
		Majlis	-	
		Estate / Private Land	11	385
Total Distance (m)				2,545



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3.0 SITE PLAN (KMZ)

3.1 Overview Site Area





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3.2 Site Plan - KMZ Routing (All Local Authority)



Red Colour - JKR Road (Daerah Kerian)
Yellow Colour - Majlis Road (Majlis Daerah Kerian)



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4.0 PROPOSED NEW POLE

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T000	21	4.975230556	100.6045056	Sime Darby Properties
2	T001	43	4.975488889	100.6047806	Sime Darby Properties
3	T002	30	4.975711111	100.6046028	Sime Darby Properties
4	T003	30	4.975925	100.6044389	Sime Darby Properties
5	T004	48	4.976266667	100.6041694	Sime Darby Properties
6	T005	28	4.976391667	100.6042722	Sime Darby Properties
7	T006	30	4.9767	100.6044444	Sime Darby Properties
8	T007	32	4.976525	100.6046083	Sime Darby Properties
9	T008	29	4.976277778	100.6048028	Sime Darby Properties
10	T009	34	4.975975	100.6050444	Sime Darby Properties
11	T010	43	4.975975	100.6050444	Sime Darby Properties
12	T011	30	4.975030556	100.6042806	Public Works Dept Kerian/JKR
13	T012	38	4.97525	100.6040083	Public Works Dept Kerian/JKR
14	T013	45	4.974733333	100.6045639	Public Works Dept Kerian/JKR
15	T014	51	4.974444444	100.6049083	Public Works Dept Kerian/JKR
16	T015	36	4.974236111	100.60515	Public Works Dept Kerian/JKR
17	T016	35	4.974005556	100.6054167	Public Works Dept Kerian/JKR
18	T017	41	4.973788889	100.6056528	Public Works Dept Kerian/JKR
19	T018	36	4.973630556	100.6058444	Public Works Dept Kerian/JKR
20	T019	30	4.973330556	100.6061944	Public Works Dept Kerian/JKR
21	T020	52	4.973111111	100.60645	Public Works Dept Kerian/JKR
22	T021	40	4.972886111	100.6067167	Public Works Dept Kerian/JKR
23	T022	40	4.972672222	100.6069611	Public Works Dept Kerian/JKR
24	T023	37	4.972469444	100.6071833	Public Works Dept Kerian/JKR
25	T024	36	4.972269444	100.607425	Public Works Dept Kerian/JKR
26	T025	36	4.972066667	100.6076583	Public Works Dept Kerian/JKR
27	T026	35	4.971861111	100.6078944	Public Works Dept Kerian/JKR
28	T027	40	4.971630556	100.6081583	Public Works Dept Kerian/JKR
29	T028	32	4.971444444	100.6083667	Public Works Dept Kerian/JKR
30	T029	45	4.971186111	100.6086611	Public Works Dept Kerian/JKR
31	T030	35	4.970858333	100.6090417	Public Works Dept Kerian/JKR
32	T031	60	4.970505556	100.6094	Public Works Dept Kerian/JKR



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KEBANGSAAN (TAMIL) LADANG GEDONG

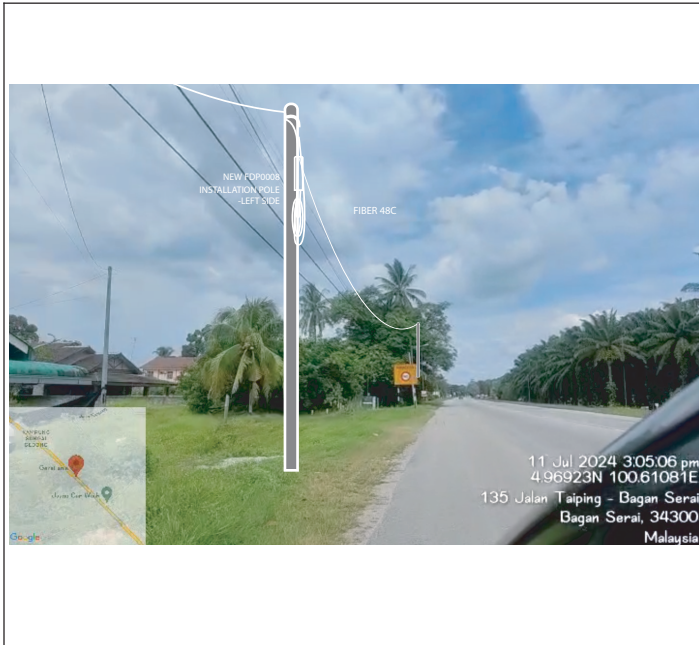


5.0 SITE PHOTOS - INSTALLATION POLES





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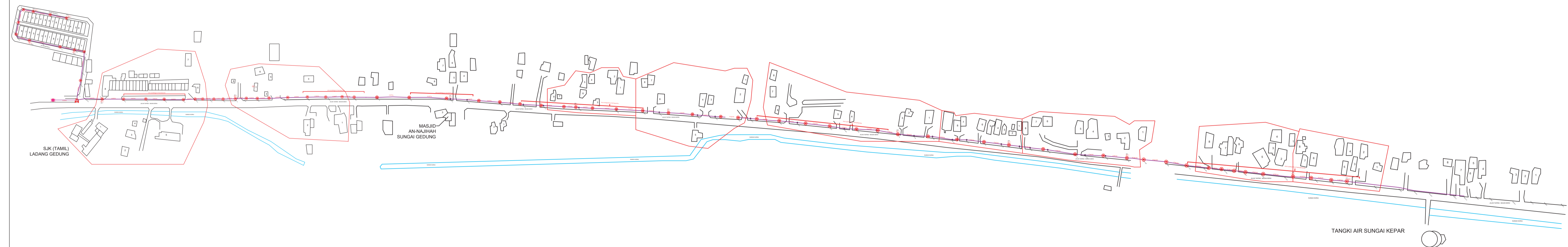


SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU TPNG FOR AEA6053-SEKOLAH MENENGAH KEBANGSAAN DATO' WAN AHMAD RASDI



7.0 3rd PARTIES DEPENDENCIES

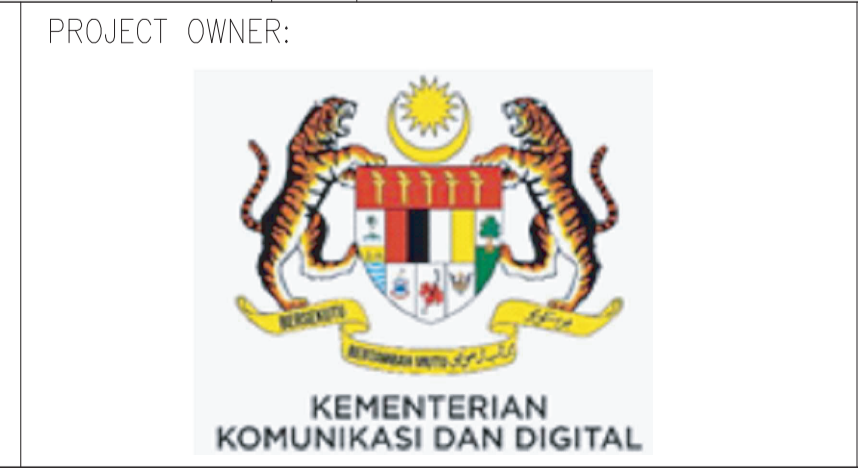
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	JKR Kerian	2241m
2	Sime Darby Properties	369m



12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	○	Installed Pole (9m)	5	s	Suspension	150	JB30	New Manhole (PIT)	—	Micro-Trenching (Meter)	MH1	MH NO.	
24C FOC	5760m Installed Patch Cord	●	Installed Pole (7.5M)	121	f	Tension	200	C7	New Manhole(JRC7)	2	Temporary Infra (Meter)	TKS-1	Existing TNB Pole NO.	
48C FOC	20m FDC	1	Installed Pole (6.7M)		⊗	Pole Ring	15		FDP Boundary	15	⊙	Loop / Coil (Meter)	P001	New Pole NO.
96C FOC	Closure	3	Existing TNB Pole		⊗	FDP with (1:8) splitter	15		HDD (Meter)	150m	#	Active Outdoor Cabinet	CL01	Closure NO.
144C FOC	Existing Closure	□	Installed Riser	2	□	Existing Manhole			Open Cut (Meter)		C01	FDC NO.	DP1	FDP NO.

HOMEPASS = 112

KEY PLAN:



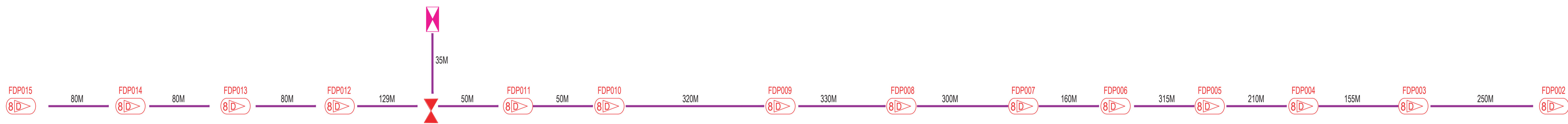
allo!
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PROJECT TITLE:
**D-SIDE POP 2
ABD3072 SEKOLAH JENIS
KEBANGSAAN (TAMIL)
LADANG GEDONG**

DRAWING TITLE:
**CAD
ABD3072
SEKOLAH JENIS
KEBANGSAAN (TAMIL)
LADANG GEDONG**

PROJECT PHASE:
POP 2

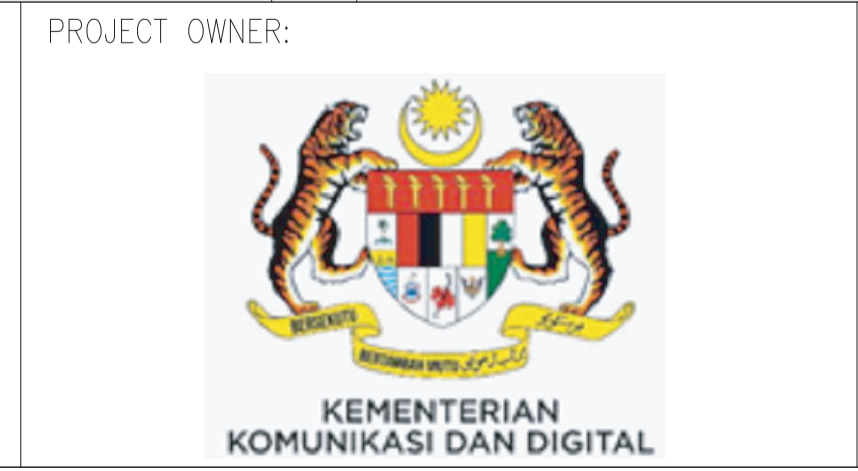
Design By : IMRAN BIN KAMARUZAMAN	Date : 11.7.2024
Drawn By : IMRAN BIN KAMARUZAMAN	Scale : NOT TO SCALE
Checked By : SHAHRUL ANNUAR	Job Number : 1
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12C FOC	Installed 1:4 / 1:8 / 1:32 splitter	○	Installed Pole (9m)	5	s	Suspension	150	JB30	New Manhole (PIT)	—	Micro-Trenching (Meter)	MH1	MH NO.	
24C FOC	5760m Installed Patch Cord	●	Installed Pole (7.5M)	121	f	Tension	200	C7	New Manhole(JRC7)	2	—	TKS-1	Existing TNB Pole NO.	
48C FOC	20m	⊠	Installed Pole (6.7M)	1	⊙	Pole Ring	15	—	FDP Boundary	15	⊙	P001	New Pole NO.	
96C FOC	—	⊠	Existing TNB Pole	3	⊙	FDP with (1:8) splitter	15	—	HDD (Meter)	150m	#	CL01	Closure NO.	
144C FOC	—	⊠	Installed Riser	2	⊠	Existing Manhole	—	—	Open Cut (Meter)	—	C01	FDC NO.	DP1	FDP NO.

HOMEPASS = 112

KEY PLAN:



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PROJECT TITLE:
**D-SIDE POP 2
ABD3072 SEKOLAH JENIS
KEBANGSAAN (TAMIL)
LADANG GEDONG**

DRAWING TITLE:
**SINGLE LINE DIAGRAM
ABD3072
SEKOLAH JENIS
KEBANGSAAN (TAMIL)
LADANG GEDONG**

PROJECT PHASE:
POP 2

Design By : IMRAN BIN KAMARUZAMAN	Date : 11.7.2024
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