



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
<b>Total Distance (m)</b>				<b>2,545</b>



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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°58'30.83"N	100°36'16.22"E	Sime Darby Properties
2	T001	43	4°58'31.76"N	100°36'17.21"E	Sime Darby Properties
3	T002	30	4°58'32.56"N	100°36'16.57"E	Sime Darby Properties
4	T003	30	4°58'33.33"N	100°36'15.98"E	Sime Darby Properties
5	T004	48	4°58'34.56"N	100°36'15.01"E	Sime Darby Properties
6	T005	28	4°58'35.01"N	100°36'15.38"E	Sime Darby Properties
7	T006	30	4°58'36.12"N	100°36'16.00"E	Sime Darby Properties
8	T007	32	4°58'35.49"N	100°36'16.59"E	Sime Darby Properties
9	T008	29	4°58'34.60"N	100°36'17.29"E	Sime Darby Properties
10	T009	34	4°58'33.51"N	100°36'18.16"E	Sime Darby Properties
11	T010	43	4°58'33.51"N	100°36'18.16"E	Sime Darby Properties
12	T011	30	4°58'30.11"N	100°36'15.41"E	Public Works Dept Kerian/JKR
13	T012	38	4°58'30.90"N	100°36'14.43"E	Public Works Dept Kerian/JKR
14	T013	45	4°58'29.04"N	100°36'16.43"E	Public Works Dept Kerian/JKR
15	T014	51	4°58'28.00"N	100°36'17.67"E	Public Works Dept Kerian/JKR
16	T015	36	4°58'27.25"N	100°36'18.54"E	Public Works Dept Kerian/JKR
17	T016	35	4°58'26.42"N	100°36'19.50"E	Public Works Dept Kerian/JKR
18	T017	41	4°58'25.64"N	100°36'20.35"E	Public Works Dept Kerian/JKR
19	T018	36	4°58'25.07"N	100°36'21.04"E	Public Works Dept Kerian/JKR
20	T019	30	4°58'23.99"N	100°36'22.30"E	Public Works Dept Kerian/JKR
21	T020	52	4°58'23.20"N	100°36'23.22"E	Public Works Dept Kerian/JKR
22	T021	40	4°58'22.39"N	100°36'24.18"E	Public Works Dept Kerian/JKR
23	T022	40	4°58'21.62"N	100°36'25.06"E	Public Works Dept Kerian/JKR
24	T023	37	4°58'20.89"N	100°36'25.86"E	Public Works Dept Kerian/JKR
25	T024	36	4°58'20.17"N	100°36'26.73"E	Public Works Dept Kerian/JKR
26	T025	36	4°58'19.44"N	100°36'27.57"E	Public Works Dept Kerian/JKR
27	T026	35	4°58'18.70"N	100°36'28.42"E	Public Works Dept Kerian/JKR
28	T027	40	4°58'17.87"N	100°36'29.37"E	Public Works Dept Kerian/JKR
29	T028	32	4°58'17.20"N	100°36'30.12"E	Public Works Dept Kerian/JKR
30	T029	45	4°58'16.27"N	100°36'31.18"E	Public Works Dept Kerian/JKR
31	T030	35	4°58'15.09"N	100°36'32.55"E	Public Works Dept Kerian/JKR
32	T031	60	4°58'13.82"N	100°36'33.84"E	Public Works Dept Kerian/JKR





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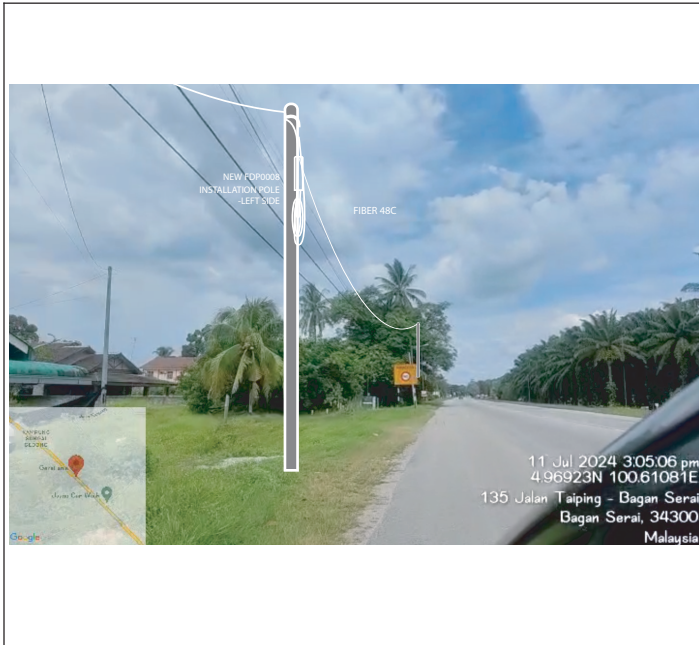


5.0 SITE PHOTOS - INSTALLATION POLES





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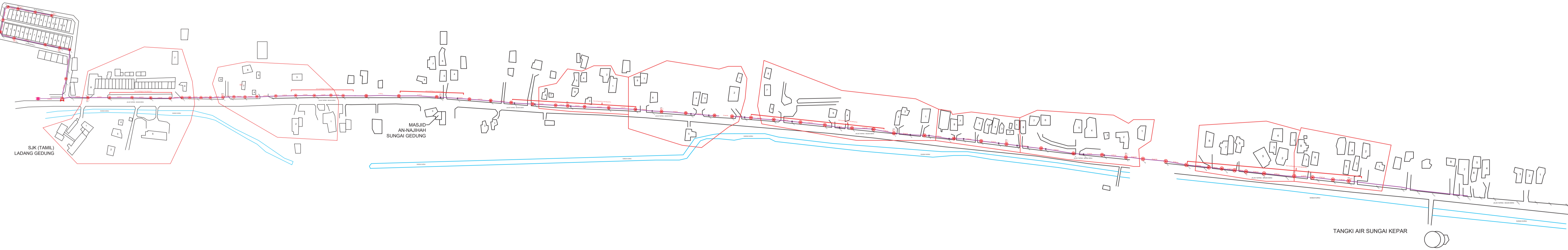


SUPPLY, INSTALLATION AND COMMISSIONING OF FTTX NETWORK INFRASTRUCTURE FOR ALLO TECHNOLOGY SDN BHD POP 2 PROJECT (D-SIDE) - PMU TPNG FOR AEA6053-SEKOLAH MENENGAH KEBANGSAAN DATO' WAN AHMAD RASDI



## 7.0 3<sup>rd</sup> PARTIES DEPENDENCIES

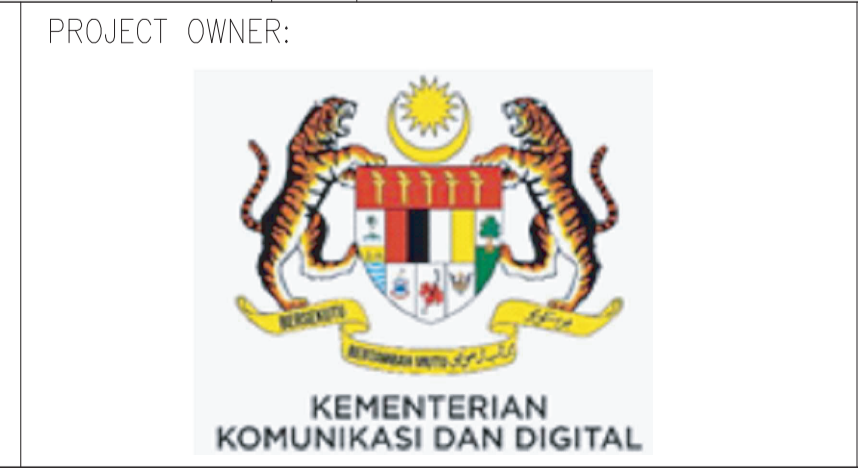
NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	JKR Kerian	2241m
2	Sime Darby Properties	369m



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:



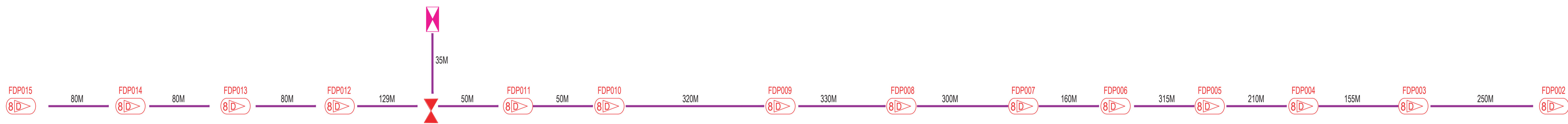
**allo!**  
The Smarter Connection  
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PROJECT TITLE:  
**D-SIDE POP 2  
ABD3072 SEKOLAH JENIS  
KEBANGSAAN (TAMIL)  
LADANG GEDONG**

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

PROJECT PHASE:  
**POP 2**

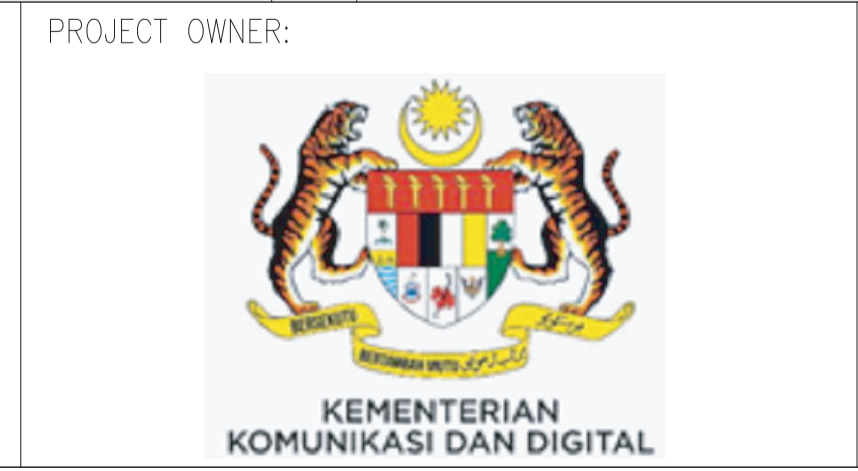
Design By : <b>IMRAN BIN KAMARUZAMAN</b>	Date : <b>11.7.2024</b>
Drawn By : <b>IMRAN BIN KAMARUZAMAN</b>	Scale : <b>NOT TO SCALE</b>
Checked By : <b>SHAHRUL ANNUAR</b>	Job Number : <b>1</b>
DRAWING NUMBER : <b>ABD3072 - 01</b>	Sheet : <b>1/1</b>
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Size : <b>A1</b>	



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 : <b>IMRAN BIN KAMARUZAMAN</b>	Date : <b>11.7.2024</b>
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