



PROJEK PENYEDIAAN DAN PENYELENGGARAAN POINT OF PRESENCE (POP)  
 FASA 2: HAB INFRASTRUKTUR GENTIAN OPTIK BERHAMPIRAN DENGAN  
 SEKOLAH, KAWASAN PERINDUSTRIAN, PREMIS KERAJAAN DAN KOMUNITI  
 SEKITARNYA OLEH KEMENTERIAN KOMUNIKASI MALAYSIA – ZON UTARA  
 (KKMM.400-11/17/132(1))



## TECHNICAL PROPOSAL (POP2 ABBA009 SEKOLAH KEBANGSAAN DATO KAMARUDDIN (D-SIDE))

**Company Name** : Archway Mapping Services Sdn. Bhd.  
**Company Address** : No 48-1, Jalan TU39A, Ayer Keroh Melaka  
**Prepared By** : Muhammad Adham  
**Date** : 09/10/2025



### Starting Point

**Site / Boundary Name** : MUALLIM  
**Address** : SK DATO KAMARUDDIN  
**District** : BEHRANG  
**Postcode** : 35950  
**State** : PERAK  
**GPS Coordinate** : 3.747240, 101.452730  
**LRD** : A

### End Point

**Site / Boundary Name** : MUALLIM  
**Address** : JALAN SRI BEHRANG  
**District** : BEHRANG  
**Postcode** : 35950  
**State** : PERAK  
**GPS Coordinate** : 3.744453, 101.452562  
**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			

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	1394
2	Install New Pole	ea	44
3	Install New JRC7 Manhole	ea	0
4	Install GI Riser 100mm	m	0
5	Install Fiber Distribution Point	ea	15
6	Install Closure	ea	5
7	Estimated Time Required for Completion	days	21

## 2.0 LOCAL AUTHORITY SUMMARY

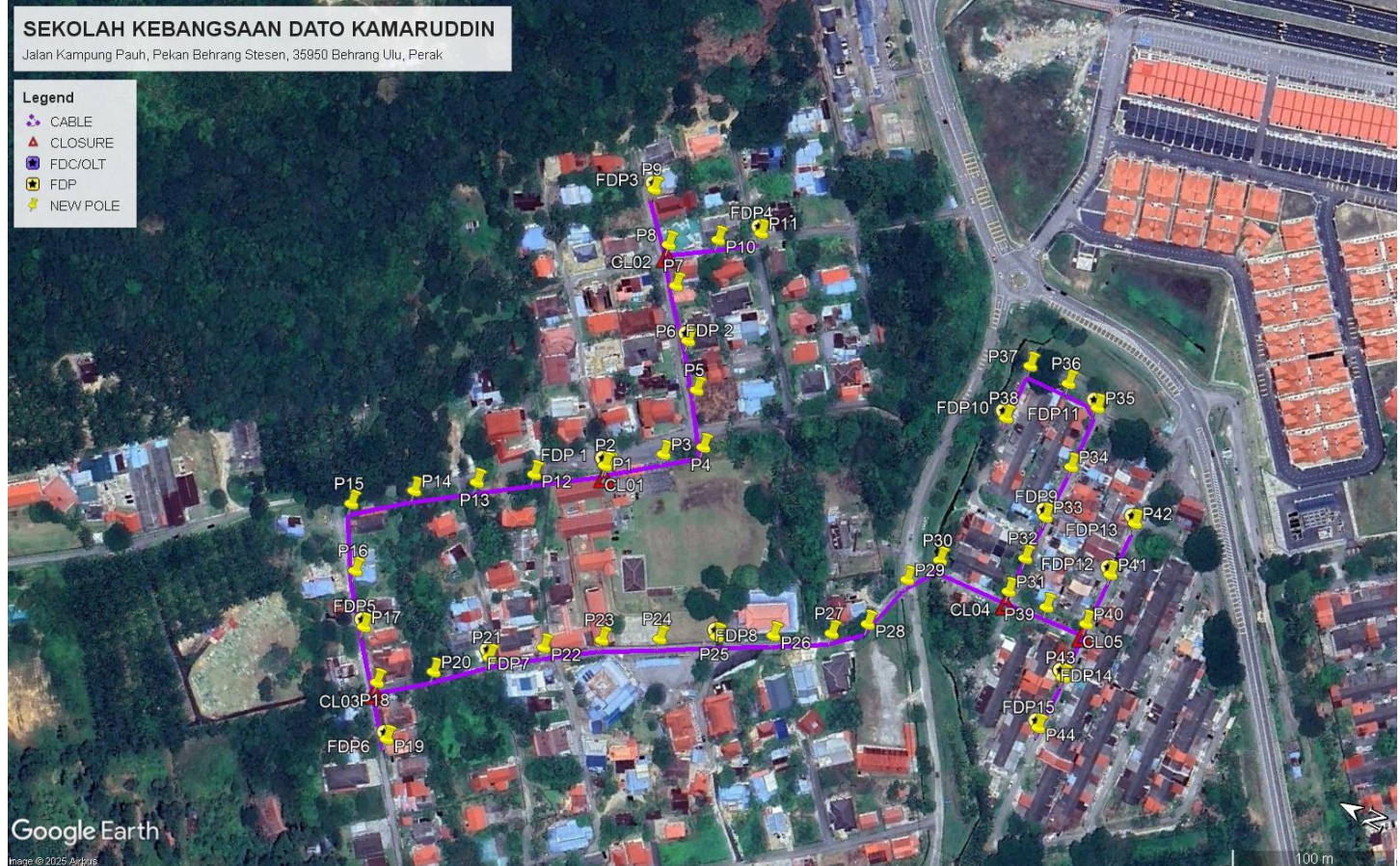
Daerah MUALLIM

Bil	Items	Owner	Quantity	Distance
1	HDD	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
2	New Pole	JKR	-	-
		Majlis	44	1394m
		Estate / Private Land	-	-
3	Existing TNB Pole	JKR	-	-
		Majlis	-	-
		Estate / Private Land	-	-
Total				1394m

### 3.0 SITE PLAN (KMZ)

#### 3.1 Overview Site Area

5.017300



### 3.2 Site Plan - KMZ Routing (All Local Authority)



**Green Colour – Majlis Road**

**Blue Colour - PDT Road**

#### 4.0 PROPOSED NEW POLE FDP

Proposed New Pole Coordinate					
No.	Pole Number	Distance (m)	Latitude	Longitude	Local Authority
1	T001	0	3.747240	101.452730	PDT Road
2	T002	35	3.747228	101.452739	PDT Road
3	T003	35	3.746983	101.452936	PDT Road
4	T004	35	3.746807	101.453072	PDT Road
5	T005	35	3.746986	101.453334	PDT Road
6	T006	35	3.747154	101.453554	PDT Road
7	T007	35	3.747355	101.453792	PDT Road
8	T008	35	3.747496	101.453974	PDT Road
9	T009	35	3.747708	101.454207	PDT Road
10	T010	35	3.747267	101.454125	PDT Road
11	T011	35	3.747073	101.454268	PDT Road
12	T012	35	3.747563	101.452505	PDT Road
13	T013	35	3.747821	101.452319	PDT Road
14	T014	35	3.748106	101.452116	PDT Road
15	T015	35	3.748380	101.451892	PDT Road
16	T016	35	3.748189	101.451573	PDT Road
17	T017	35	3.748003	101.451321	PDT Road
18	T018	35	3.747796	101.451083	PDT Road
19	T019	35	3.747604	101.450831	PDT Road
20	T020	35	3.747547	101.451281	PDT Road
21	T021	35	3.747312	101.451494	PDT Road
22	T022	35	3.747072	101.451683	PDT Road
23	T023	35	3.746809	101.451869	PDT Road
24	T024	35	3.746529	101.452023	PDT Road
25	T025	35	3.746256	101.452180	PDT Road
26	T026	35	3.745982	101.452331	PDT Road
27	T027	35	3.745703	101.452491	PDT Road
28	T028	35	3.745551	101.452630	PDT Road
29	T029	35	3.745472	101.452949	PDT Road
30	T030	35	3.745362	101.453127	Majlis Road
31	T031	35	3.744947	101.453152	Majlis Road
32	T032	35	3.744951	101.453357	Majlis Road
33	T033	35	3.744958	101.453610	Majlis Road
34	T034	35	3.744961	101.453922	Majlis Road
35	T035	35	3.744984	101.454278	Majlis Road
36	T036	35	3.745188	101.454323	Majlis Road
37	T037	35	3.745420	101.454310	Majlis Road
38	T038	35	3.745404	101.453993	Majlis Road
39	T039	35	3.744723	101.453173	Majlis Road



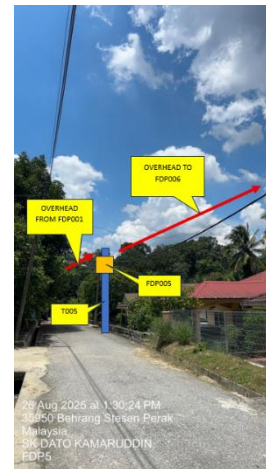
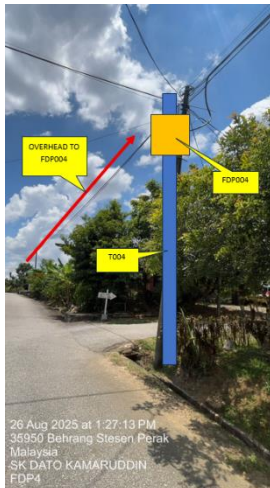
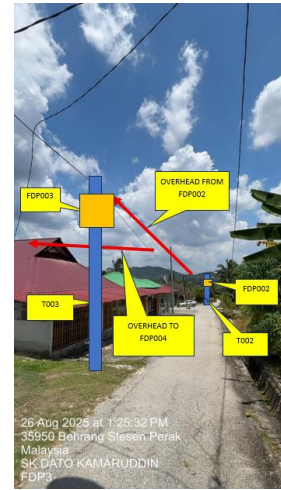
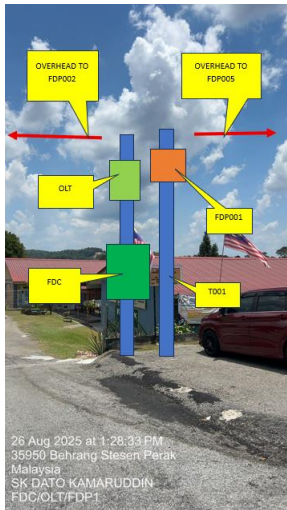
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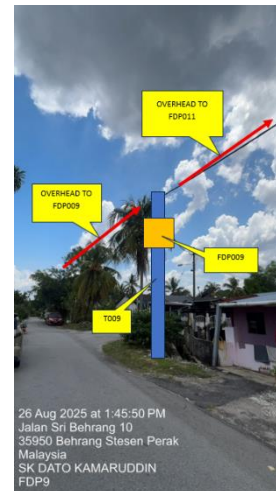
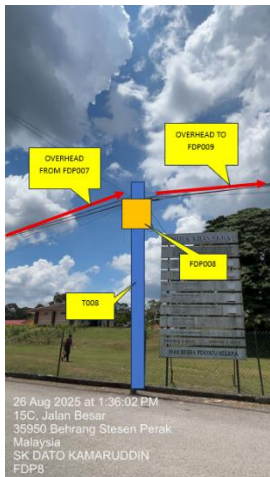
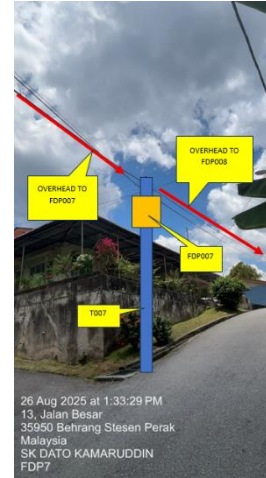
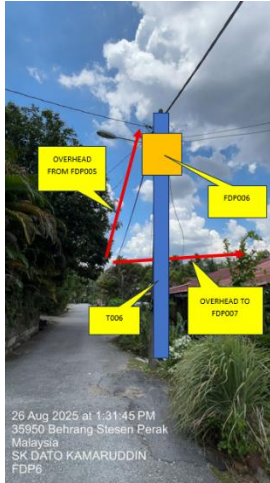


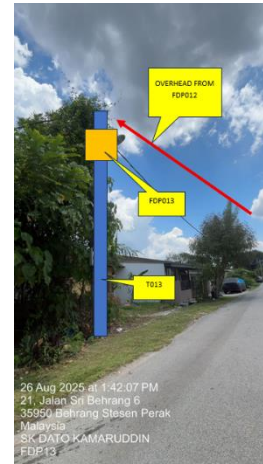
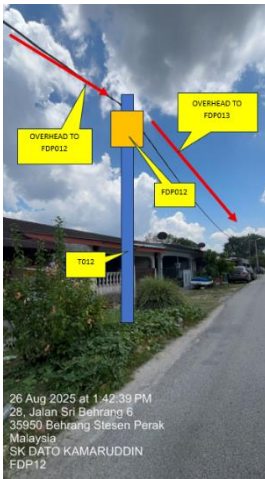
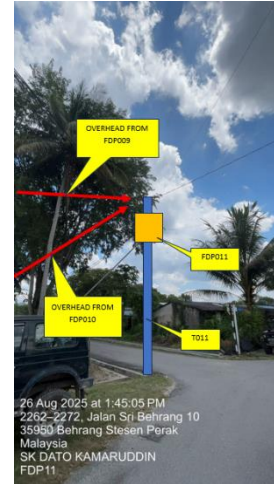
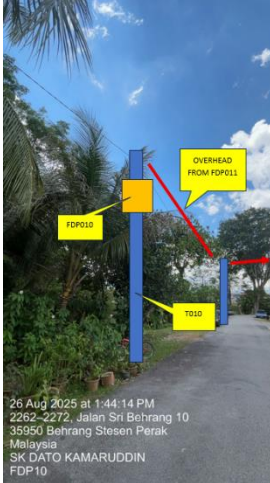
40	T040	35	3.744486	101.453192	Majlis Road
41	T041	35	3.744494	101.453496	Majlis Road
42	T042	35	3.744505	101.453809	Majlis Road
43	T043	35	3.744462	101.452870	Majlis Road
44	T044	35	3.744453	101.452562	Majlis Road

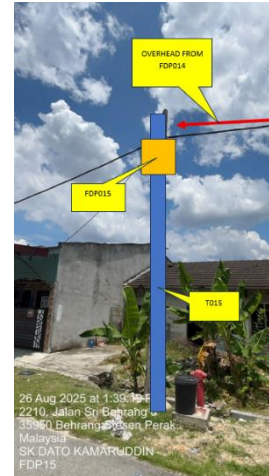
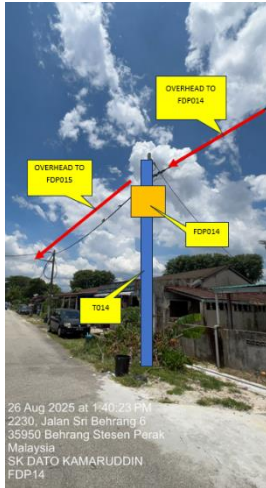
BIL	TYPE	7.5m	9m	TOTAL
1	No of Pole	43	1	44

5.0 SITE PHOTOS - PROPOSED NEW POLE











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## 6.0 3<sup>rd</sup> PARTIES DEPENDENCIES

NO	LOCAL COUNCIL / AUTHORITY	REMARK
1	Majlis Daerah Muallim	1394m



LEGEND

	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDP NO.		SEE A-A in this page
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		SEE SHEET X/XX

KEY PLAN :

PROJECT OWNER :



MAIN CONTRACTOR



SUB-CONTRACTOR :



PROJECT TITLE:

PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK DATO KAMARUDDIN) TO PREMISES PASS AREA

DRAWING TITLE:

SK DATO KAMARUDDIN

PROJECT PHASE:

PROJECT PHASE

Design By : ENGINEER

Date : DATE

Drawn By : CAD ENGINEER

Scale : NTS

Checked By : ENGINEER

Job Number : JOB/NUMBER

DRAWING NUMBER :  
DRAWING/NUMBER

Sheet :  
1/1

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Size :  
A1



LEGEND											
	12C FOC		Installed 1:4 splitter in FDC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH NO.
	24C FOC		FDP with (1:8) splitter		Installed Riser		House Number		Existing Manhole		Existing TNB Pole NO.
	48C FOC		Closure		Suspension Big		Existing TNB Pole		Closure NO.		New Pole NO.
	96C FOC		New Manhole (PIT)		Suspension Small		LOOP		FDP NO.		SEE A-A in this page
	144C FOC		Installed Pole (7.5M)		FDC		FDP Boundary		FDC NO.		SEE SHEET XXX


KEY PLAN :

PROJECT OWNER :




KEMENTERIAN KOMUNIKASI DAN DIGITAL

MAIN CONTRACTOR



APEX COMMUNICATIONS SDN BHD



PRIVASAT

SUB-CONTRACTOR :



ARCHWAY

ARCHWAY MAPPING SERVICES SDN BHD

No 48 Jalan TU 39A, Taman Tosik Utama, 75450 Ayer Keroh, Melaka

Tel: 606-233 9165 Fax: 606-233 9162  
Email : info@archwaymalaysia.com  
Website : www.archwaymalaysia.com

PROJECT TITLE:

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# 2



LEGEND

	12C FOC		Installed Pole (9m)		New Manhole(JRC7)		Tension Small / Tension Big		MH1	MH NO.
	24C FOC		Installed Riser		House Number		Existing Manhole		TKS-1	Existing TNB Pole NO.
	48C FOC		FDP with (1:8) splitter		Suspension Big		Existing TNB Pole		P001	New Pole NO.
	96C FOC		Closure		Suspension Small		LOOP		FDP1	FDP NO.
	144C FOC		New Manhole (PIT)		FDC		FDP Boundary		FDC NO.	
	Installed Pole (7.5M)									

KEY PLAN :

PROJECT OWNER :



MAIN CONTRACTOR



SUB-CONTRACTOR :



PROJECT TITLE:

PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE FROM POP (SK DATO KAMARUDDIN) TO PREMISES PASS AREA

DRAWING TITLE:

SK DATO KAMARUDDIN

PROJECT PHASE:

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Design By : ENGINEER Date : DATE

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