

**TECHNICAL PROPOSAL FOR FIBER INFRASTRUCTURE AND OPTICAL FIBER CABLE
FROM**

POP ABC9006 (Sekolah Jenis Kebangsaan Sin Min) to Premises Pass Area

No	Site	Home pass (unit)
1	Kg Sg Siput Selatan	98
2	Jalan Chenderiang	8
2	Kg Mendok	72
	Total PP	178

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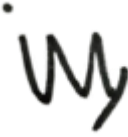

Contractor	ALLO	KACP
Prepared by:  Name: Muhammad Zaim bin Zaharimi	Verified by:  Name: Muhammad Hazim	Copied To: Name:
Designation: Planner	Designation: P. ENGINEER	Designation:
Date: 04/7/2024	Date:	Date:

Table of contents

No	Item	Include Please Tick (✓)	Remarks If Any
1.0	Objective	✓	
2.0	Detail POP Locations/Sites Information	✓	
3.0	Fiber Optic infrastructure coverage development plan	✓	
4.0	Site Plan (SLD, propose locations OLT, FDC, FDP & Closure)	✓	
5.0	Construction Drawing	✓	
6.0	Summary of new infrastructure	✓	
7.0	Detail routing information (fiber optic infrastructure propose implementation)	✓	
8.0	Premises pass detail address according to Fiber Distribution Point (FDP) locations	✓	
9.0	Soft copy KMZ/KML files and follow all point/lines guideline (review in Google Earth)	✓	
10.0	Soft copy AutoCAD drawing for Local Authority submission	✓	
11.0	Detail Bill of Material/ Bill of Quantity	✓	
12.0	Survey references	✓	

1.0 OBJECTIVE

To provide retail broadband services (speed up to 1Gbps) within the schools and the surrounding area (radius 2.5 km) i.e., such as schools surrounding the POP, government buildings & agencies, residential area, industrial area, commercial area, public buildings and premises at **Sekolah Jenis Kebangsaan (Cina) Sin Min**.

2.0 DETAIL POP LOCATIONS / SITE INFORMATION

Details of Site Information as per below:

No.	Link Node & Address	Code Location	Latitude	Longitude
1	POI Location PMU Kampar (KMPR) Address: Jalan Industri, 31900, Kampar, Perak.	KMPR	4.319049°N	101.138405°E
2	POP Location Sekolah Jenis Kebangsaan (Cina) Sin Min Address: 31850, Kampar, Perak.	ABC900C	4.39254°N	101.193°E

3.0 PROPOSE DESIGN / DP DISTRIBUTION



4.0 SITE PLAN

Single Line Drawing (SLD)- Refer attachment.

5.0 CONSTRUCTION DRAWING

Construction drawing – Refer site attachment.

6.0 SUMMARY OF NEW INFRASTRUCTURE

No	Infra type	unit	Distance (m)
1	Total TNB Poles	190	NA
2	Total Distance TNB Poles	NA	NA
3	New poles (7.5M)	24	NA

4	New poles (9M)	NA	NA
5	Total Distance HDD	NA	NA
6	Total Distance open cut	NA	NA
7	Total Distance Micro trench	NA	NA
8	Total FDP	24	NA
9	Total Closure	11	NA
10	Manhole	NA	NA

*Note: Total Distance Fibre Per Drum 2km

7.0 PREMISES PASS DETAILS ADDRESS ACCORDING TO FIBER DISTRIBUTION POINT (FDP) LOCATIONS

No.	Building Type	House No.	Street Type	Street Name	Land District	Postcode	City	State	FDP No	FDC No
1	School	SJKC Sin Min	Jalan	Jalan Chenderiang	Kg Sg Siput Selatan	31850	Kampar	Perak	DP01	FDC01
2	Government Office	Balai Polis Kg Sg Siput Selatan	Jalan	Jalan Chenderiang	Kg Sg Siput Selatan	31850	Kampar	Perak	DP02	FDC01
3	Village House	1	Jalan	Jalan Chenderiang	Kg Sg Siput Selatan	31850	Kampar	Perak	DP03	FDC01
4	Village House	2	Jalan	Jalan Chenderiang	Kg Sg Siput Selatan	31850	Kampar	Perak	DP03	FDC01
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168	Village House	62	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP23	FDC01
169	Village House	63	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP23	FDC01
170	Village House	64	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP23	FDC01
171	Village House	65	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP24	FDC01
172	Village House	66	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP24	FDC01
173	Village House	67	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP24	FDC01
174	Village House	68	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP24	FDC01
175	Village House	69	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP24	FDC01
176	Village House	70	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP24	FDC01
177	Village House	71	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP24	FDC01
178	Village House	72	Jalan	Jalan Chenderiang	Kg Mendok	31850	Kampar	Perak	DP24	FDC01



PRIVASAT



KEMENTERIAN
KOMUNIKASI DAN DIGITAL



8.0 SOFTCOPY KMZ/KML FILES AND FOLLOW ALL POINT/LINES GUIDELINES (REVIEW IN GOOGLE EARTH, KMZ guideline:

- Refer attachment.

9.0 SOFTCOPY AUTOCAD DRAWING FOR LOCAL AUTHORITY SUBMISSION

- Refer attachment.

10.0 SUMMARY MATERIAL/BILL OF QUANTITY

	OUM	Total Quantity
D-side		
New Pole 7.5m	Unit	24
New Pole 9m	Unit	NA
Existing TNB Pole	Unit	190
Manhole JRC7	Unit	NA
FDP	Unit	24
FDC	Unit	1
Closure	Unit	15
FOC 24C	mtr	5180
FOC 48C	mtr	N/A
FOC 96C	mtr	N/A
FOC 144C	mtr	N/A
Tension Set (Clamp)	each	50
Suspension Set	each	110
Pole Ring	unit	24
Stay wire	N/A	N/A
GI Pipe (100mm)	Mtr	24
HDPE Corrugated Telcommunication Sub Duct (50mm)	Mtr	1200
Pole Extender	N/A	N/A
Open Cut	N/A	N/A
Micro Trenching	N/A	N/A

11.0 SURVEY REFERENCES

- i. Site Survey Findings
 - Refer survey report document no. **POP3-ALLO-SR-TP-0001**
- ii. List local council and local authority

No	Local Council/ Authority	Remark
1	Majlis Daerah Kampar	
2	JKR Daerah Kampar	