

## TECHNICAL PROPOSAL

### AEE4079 SEKOLAH MENENGAH KEBANGSAAN SULTAN TAJUL ARIFFIN (D-SIDE)

**Company Name** : ARATIMUR SDN BHD  
**Company Address** : A-08-13, 8<sup>th</sup> Floor, Block A, Radia Office, Persiaran Singgahsana, 40150 Bukit Jelutong, Shah Alam, Selangor  
**Prepared By** : Khairul Tajuddin  
**Date** : 21/02/2025



#### Starting Point

**Site / Boundary Name** : Sekolah Menengah Kebangsaan Sultan Tajul Ariffin  
**Address** : Jln Besar Pekan Manong,  
**District** : Manong  
**Postcode** : 33800  
**State** : Perak  
**GPS Coordinate** : 4.591607, 100.881787  
**LRD** : A

#### End Point

**Site / Boundary Name** : RPA 3,  
**Address** : KAMPUNG SUAK PETAI  
**District** : Manong  
**Postcode** : 33800  
**State** : Perak  
**GPS Coordinate** : 4.593235, 100.874451  
**LRD** : B



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))



## 1.0 WORK SUMMARY

NO	PROPOSED DISTANCE AND METHOD	UNIT	QUANTITY
1	Horizontal Directional Drilling (HDD)	m	130m
2	Carriage Way Open Trench (CW)	m	0
3	Grass Verge Open Trenching (GV)	m	0
4	Micro Trenching (MT)	m	0
	<b>Total</b>		<b>0</b>

NO	OTHER INFORMATION	UNIT	QUANTITY
1	Installation of Short Span ADSS Fibre Cables	m	2080m
2	Install New Pole	ea	45
3	Install New JRC7 Manhole	ea	2
4	Install GI Riser 100mm	ea	2
5	Install Fiber Distribution Point and Closure (Splicing, Termination and Testing	ea	18
6	Estimated Time Required For Completion	days	30

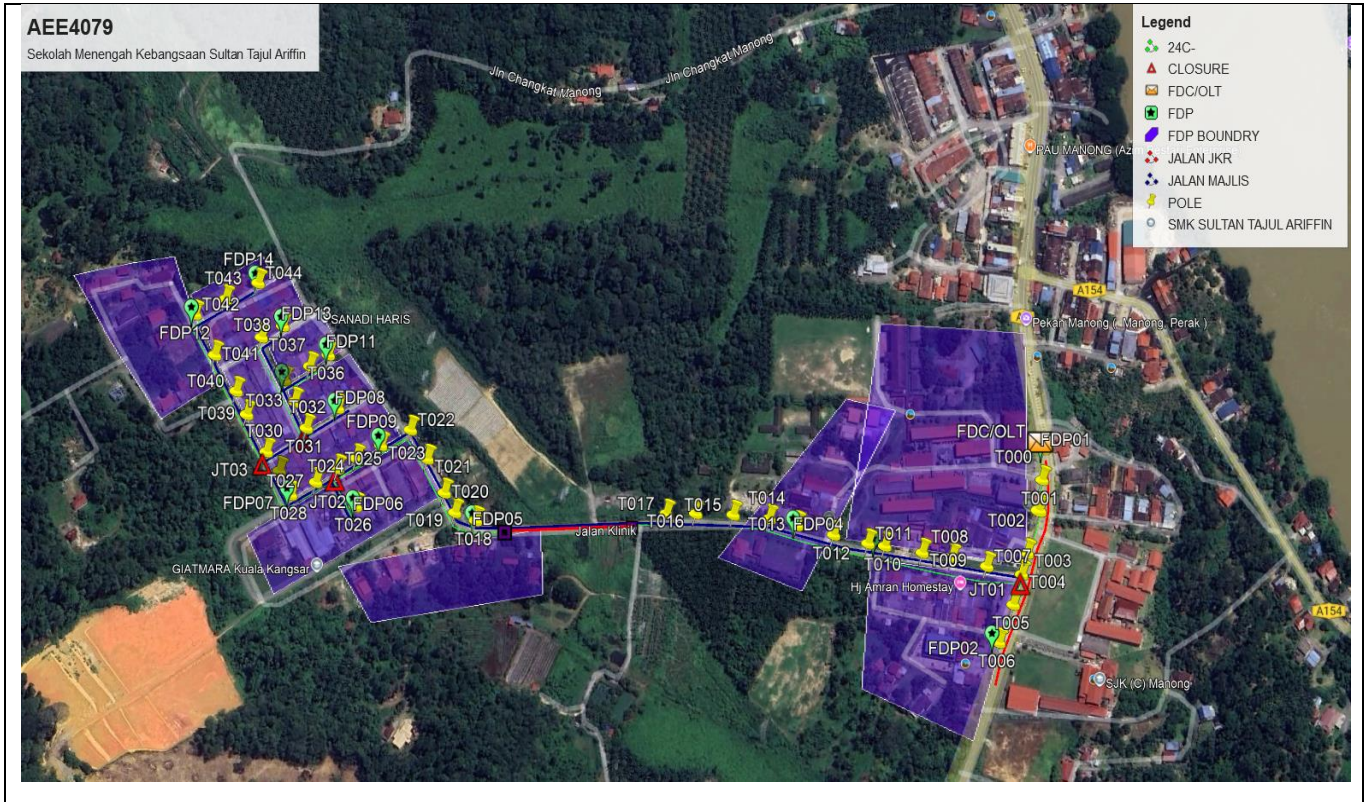
**2.0 LOCAL AUTHORITY SUMMARY**

Daerah Kuala Kangsar

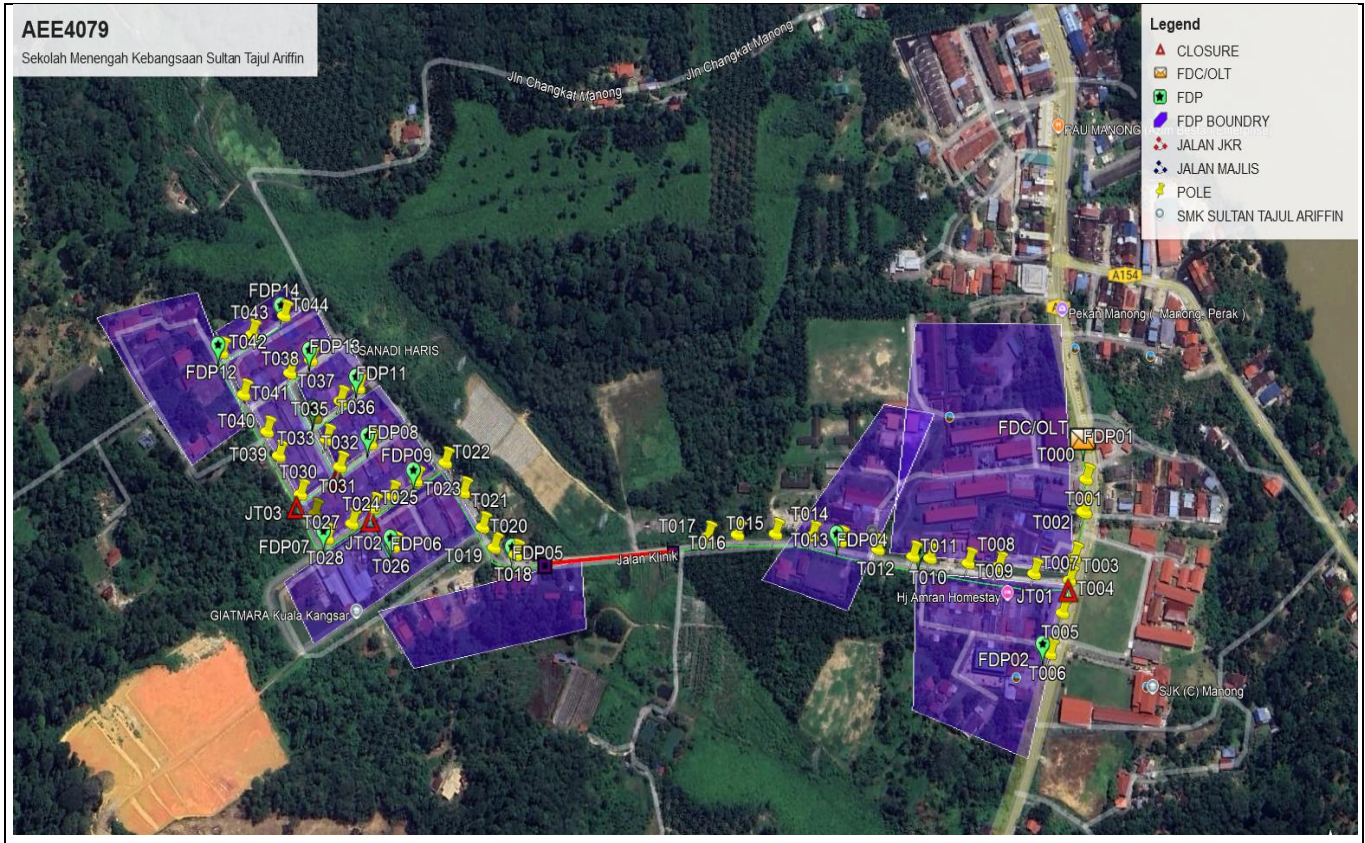
NO	ITEMS	OWNER	QUANTITY	DISTANCE (m)
1	HDD	JKR	-	-
		Majlis	1	130
		Estate / Private Land	-	-
2	New Pole	JKR	7	250
		Majlis	38	1700
		Estate / Private Land	-	-
<b>Total distance (m)</b>				<b>2080</b>

### 3.0 SITE PLAN- KMZ

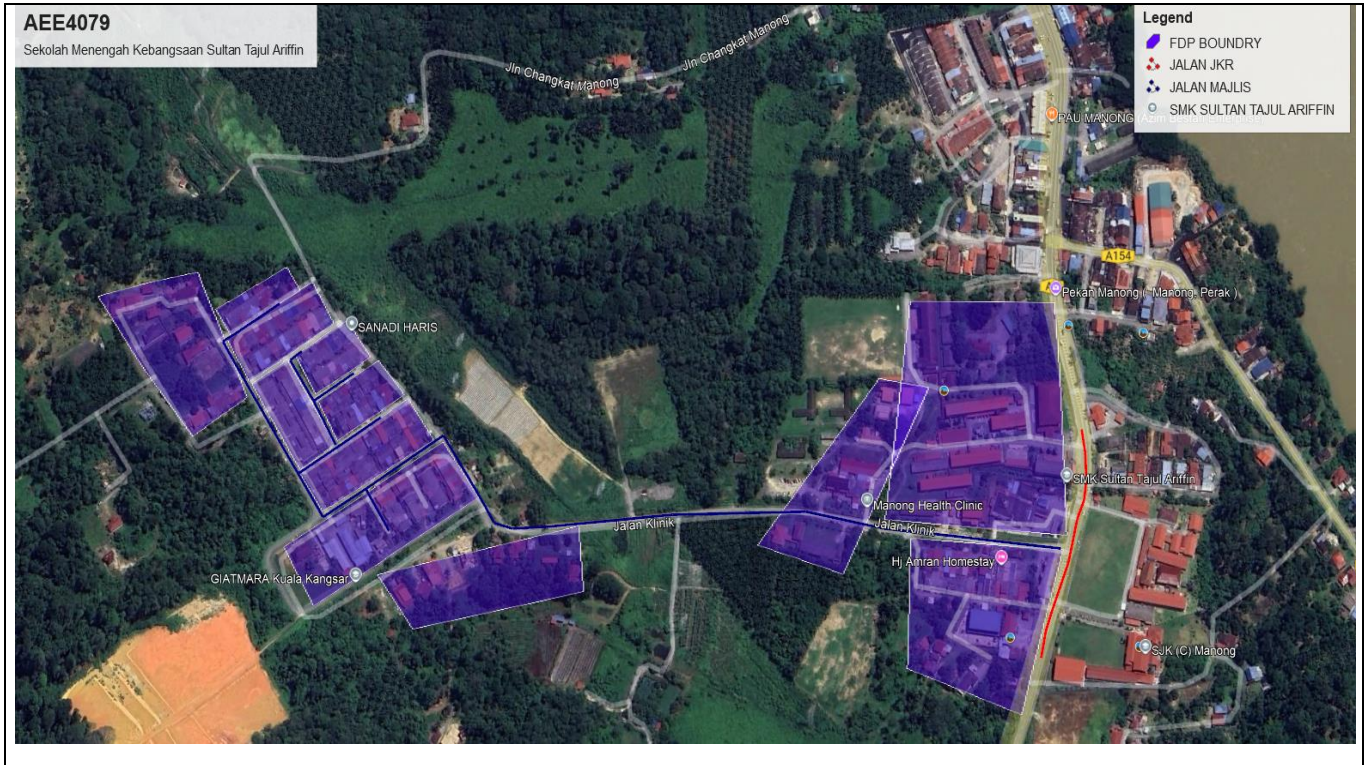
#### 3.1 Overview Site Area



### 3.2 Site Boundry



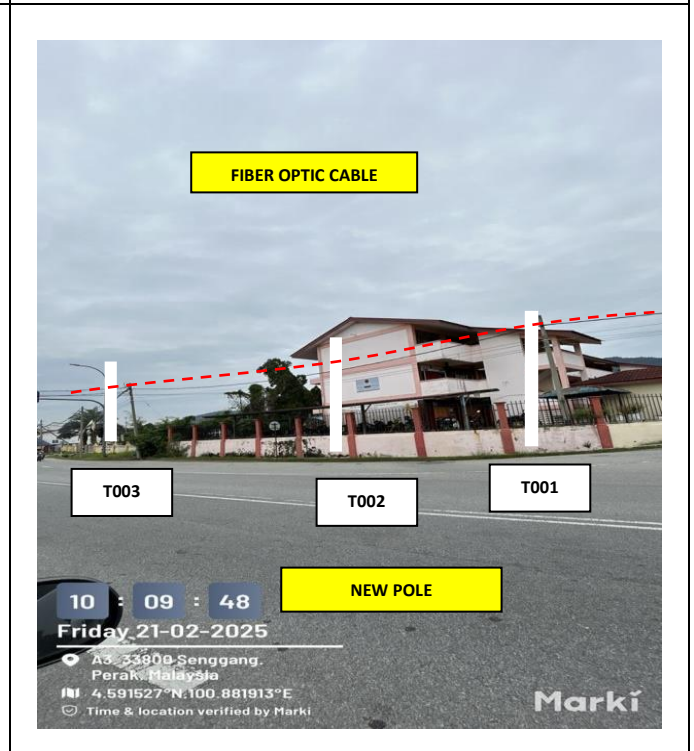
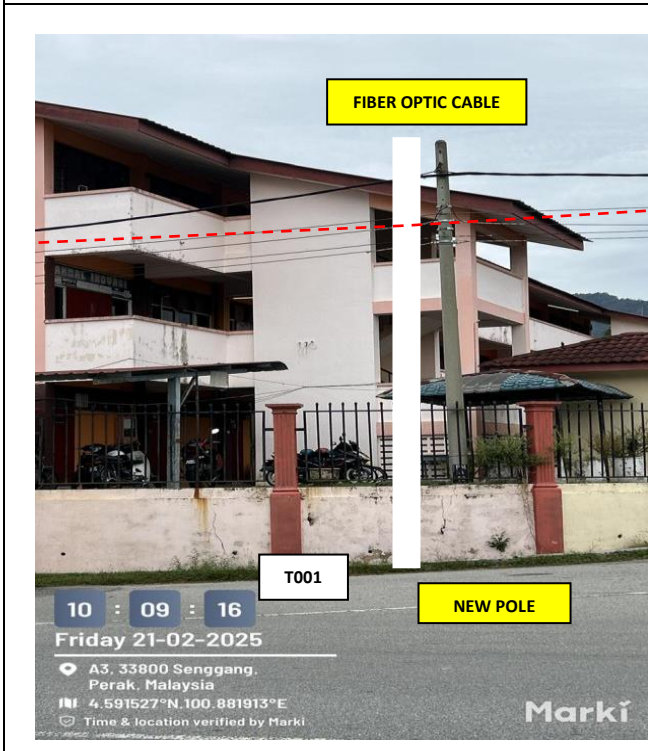
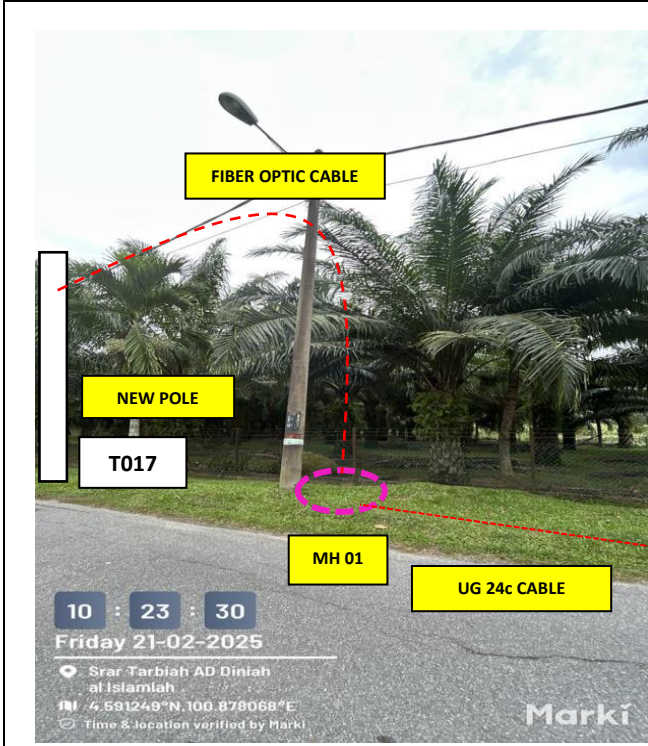
### 3.3 Road Boundry

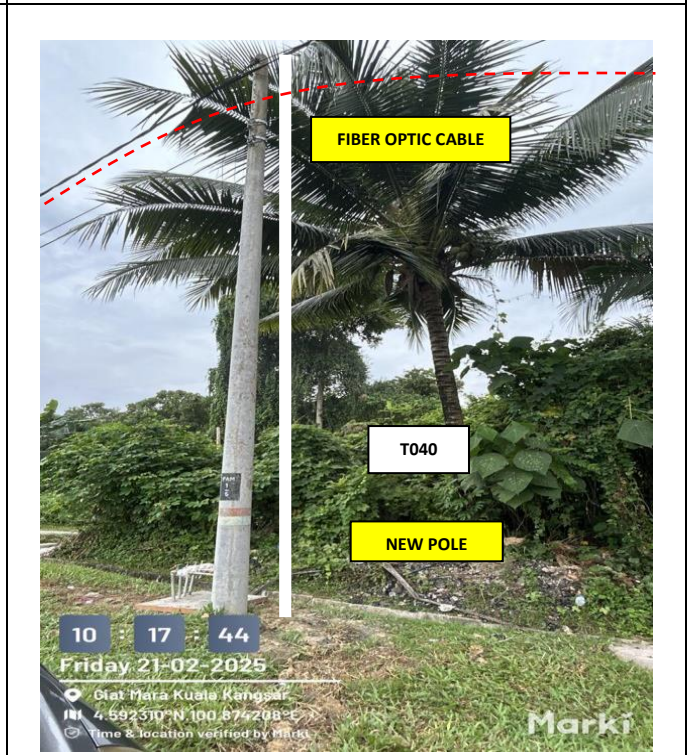
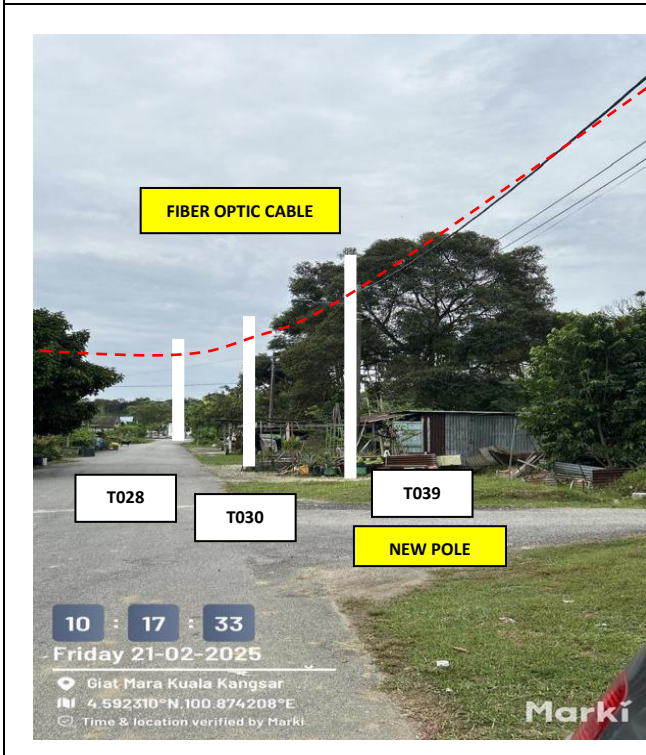
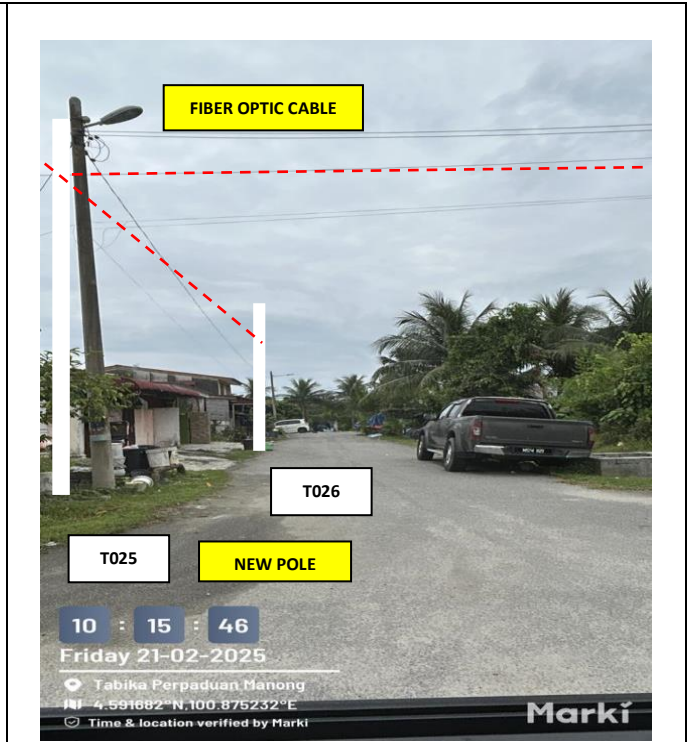
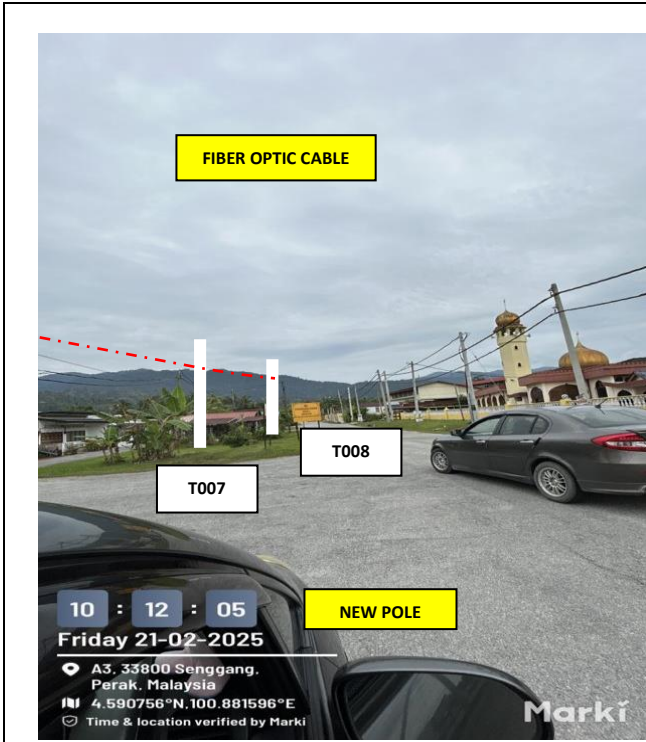




#### 4.0 PROPOSED MANHOLE & HDD AND NEW POLE

No.	Pole & Manhole ID	Distance	Latitude	Longitude	Local Authority
1	FDC/OLT T000		4.59179	100.881811	JKR Kuala Kangsar
2	T001	35	4.591498	100.881799	JKR Kuala Kangsar
3	T002	35	4.591216	100.881761	JKR Kuala Kangsar
4	T003	35	4.590868	100.881657	JKR Kuala Kangsar
5	T004	35	4.590687	100.881603	JKR Kuala Kangsar
6	T005	35	4.590427	100.881523	JKR Kuala Kangsar
7	T006	35	4.590103	100.881386	JKR Kuala Kangsar
8	T007	35	4.59076	100.881272	Majlis Perbandaran Kuala Kangsar
9	T008	35	4.590835	100.880946	Majlis Perbandaran Kuala Kangsar
10	T009	35	4.590877	100.880671	Majlis Perbandaran Kuala Kangsar
11	T010	35	4.590935	100.880319	Majlis Perbandaran Kuala Kangsar
12	T011	35	4.590959	100.880161	Majlis Perbandaran Kuala Kangsar
13	T012	35	4.591034	100.879837	Majlis Perbandaran Kuala Kangsar
14	T013	35	4.591119	100.87949	Majlis Perbandaran Kuala Kangsar
15	T014	35	4.591176	100.879232	Majlis Perbandaran Kuala Kangsar
16	T015	35	4.591211	100.878895	Majlis Perbandaran Kuala Kangsar
17	T016	35	4.591223	100.878543	Majlis Perbandaran Kuala Kangsar
18	T017	35	4.591223	100.878267	Majlis Perbandaran Kuala Kangsar
19	MANHOLE 1	35	4.591219	100.877984	Majlis Perbandaran Kuala Kangsar
20	MANHOLE 2	130	4.591183	100.876797	Majlis Perbandaran Kuala Kangsar
21	T018	35	4.591173	100.876484	Majlis Perbandaran Kuala Kangsar
22	T019	35	4.591242	100.876289	Majlis Perbandaran Kuala Kangsar
23	T020	35	4.591412	100.87619	Majlis Perbandaran Kuala Kangsar
24	T021	35	4.591703	100.87603	Majlis Perbandaran Kuala Kangsar
25	T022	35	4.591952	100.875875	Majlis Perbandaran Kuala Kangsar
26	T023	35	4.591819	100.875598	Majlis Perbandaran Kuala Kangsar
27	T024	35	4.59171	100.875366	Majlis Perbandaran Kuala Kangsar
28	T025	70	4.591622	100.875188	Majlis Perbandaran Kuala Kangsar
29	T026	35	4.591299	100.875355	Majlis Perbandaran Kuala Kangsar
31	T027	35	4.591506	100.874984	Majlis Perbandaran Kuala Kangsar
32	T028	35	4.591399	100.874749	Majlis Perbandaran Kuala Kangsar
33	T029	35	4.591605	100.874643	Majlis Perbandaran Kuala Kangsar
34	T030	35	4.591769	100.874524	Majlis Perbandaran Kuala Kangsar
35	T031	35	4.591972	100.874897	Majlis Perbandaran Kuala Kangsar
36	T032	35	4.592141	100.875193	Majlis Perbandaran Kuala Kangsar
38	T033	35	4.592198	100.874785	Majlis Perbandaran Kuala Kangsar
39	T034	35	4.592383	100.874691	Majlis Perbandaran Kuala Kangsar
40	T035	35	4.592502	100.874931	Majlis Perbandaran Kuala Kangsar
41	T036	35	4.592599	100.875106	Majlis Perbandaran Kuala Kangsar
43	T037	35	4.592752	100.874478	Majlis Perbandaran Kuala Kangsar
44	T038	35	4.592848	100.874678	Majlis Perbandaran Kuala Kangsar
46	T039	35	4.59209	100.874347	Majlis Perbandaran Kuala Kangsar
47	T040	35	4.59229	100.874249	Majlis Perbandaran Kuala Kangsar
48	T041	35	4.592599	100.874055	Majlis Perbandaran Kuala Kangsar
49	T042	35	4.592947	100.873869	Majlis Perbandaran Kuala Kangsar
50	T043	35	4.59308	100.874144	Majlis Perbandaran Kuala Kangsar
51	T044	35	4.593219	100.874447	Majlis Perbandaran Kuala Kangsar

5.0 SITE PHOTO- PROPOSED MANHOLE & HDD AND NEW POLE





	<p align="center"><b>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))</b></p>	
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**6.0 3<sup>rd</sup> PARTIES DEPENDENCIES**

NO.	LOCAL COUNCIL/ AUTHORITY	REMARK
1	Majlis Perbandaran Kuala Kangsar	
2	JKR Kuala Kangsar	



