

TECHNICAL PROPOSAL OB 2024 (OSP)



Site A

4545D Pusat Pemulihan Jiwa Ulu Kinta (REL)
LATITUDE: 4.647471°
LONGTITUDE: 101.161309°

Site B

4480B_Perpaduan Ria Ipoh RCC
(Tapping Celcom MH)
LATITUDE: 4.638203°
LONGTITUDE: 101.145930°

CIVIL INFRASTRUCTURE

Project Name: OB 2024

Region: Northern

Site/Link name: 24-0045BD_4545D_Pusat Pemulihan Jiwa Ulu Kinta (REL) TO 4480B_Perpaduan Ria Ipoh RCC

Unique Link ID: 24-0045BD

Site Address A: 4545D_Pusat Pemulihan Jiwa Ulu Kinta (REL)

Site Address B: 4480B_Perpaduan Ria Ipoh RCC

Site Survey Date: 07/05/2024

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1.0 OSP

Section 1: Proposal Sign-off sheet

This proposal is to provide new civil infrastructure and fibre optic cabling for link below :

Location A : 4545D Pusat Pemulihan Jiwa Ulu Kinta (REL)

Location B : 4480B_Perpaduan Ria Ipoh RCC

Contractor

Name : VS Majutech Sdn Bhd

Signature :

Check & Approved date :

Submission Date :

DiGi Authorized Personel

Planning / name :

Signature :

Check & Approved date :

Implementation / name :

Signature :

Check & Approved date :

Permitting / name :

Signature :

Check & Approved date :

PM / name :

Signature :

Check & Approved date :

Section 2: Bill of Quantity

Section 2: Work Package

Overall Proposed Civil Infrastructure Design Distance		2975	Meter
a.	Horizontal Directional Drill (HDD)	2960	Meter
b.	Carriage Way Open Trenching (CW)		Meter
c.	Grass Verge Open Trenching (GV)	15	Meter
d.	Micro Trenching (MT)		Meter
e.	Propose Cable Ladder / Trunking		Meter
f.	Other / GI Riser / Trunking		Meter
g.	Existing Cable ladder (In Cabin)		
h.	Proposed Pole		Meter
i.	Cable pulling		Meter
No. of proposed Manhole / Joint Box / JC9		12	each
No. of Proposed Pole			
Area of Milling work Required			
Estimated timeline required for job completion		90	days

Existing Infrastructure Information

Preceding Duct / SubDuct Space	
Preceding Duct/SubDuct Condition	
Existing / Tapping manhole	Tapping Existing Celcom MH
Existing Cable / Fiber Condition	

TENAGA Pole Option:

TNB pole availability	N/A
Distance of the TNB poles	N/A
Constraint	N/A

3rd parties Dependencies

Item	Parties involve and location
LA/LC	Majlis Bandaraya Ipoh / JKR Ulu Kinta
LLM / KTM / SBC etc.	
Building Management / Land Lord	No
Private Owners	No

Other Highlights/Remark

Road crossing and ROW change expected depending on Local Authority instruction. Method of Statement and location of MH subject to site condition and as advice/instruction by Implementation Manager during construction since other utilities like water pipes, telecommunication infra and TNB spotted on site.

Section 3 : OSP Routing Plan



PLANNER KMZ

Section 3 : OSP Routing Plan



PROPOSED KMZ



PROPOSED KMZ

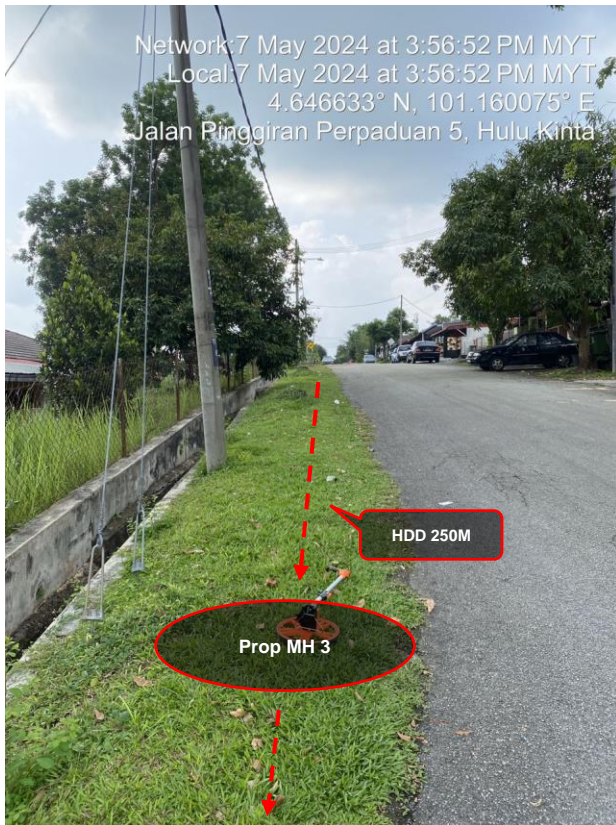
Section 3 : OSP Routing Plan

PROPOSED MANHOLE COORDINATE		
MANHOLE NUMBER	LATITUDE	LONGITUDE
Tower	4.647471°	101.161309°
Prop MH1	4.647540°	101.161359°
Prop MH2	4.648016°	101.160590°
Prop MH3	4.646633°	101.160075°
Prop MH4	4.645775°	101.159460°
Prop MH5	4.644103°	101.158719°
Prop MH6	4.642514°	101.157367°
Prop MH7	4.641323°	101.155401°
Prop MH8	4.639114°	101.155158°
Prop MH9	4.637090°	101.154544°
Prop MH10	4.637439°	101.152260°
Prop MH11	4.637714°	101.150136°
Prop MH12	4.637989°	101.148163°
Tapping Existing Celcom	4.637849°	101.150185°

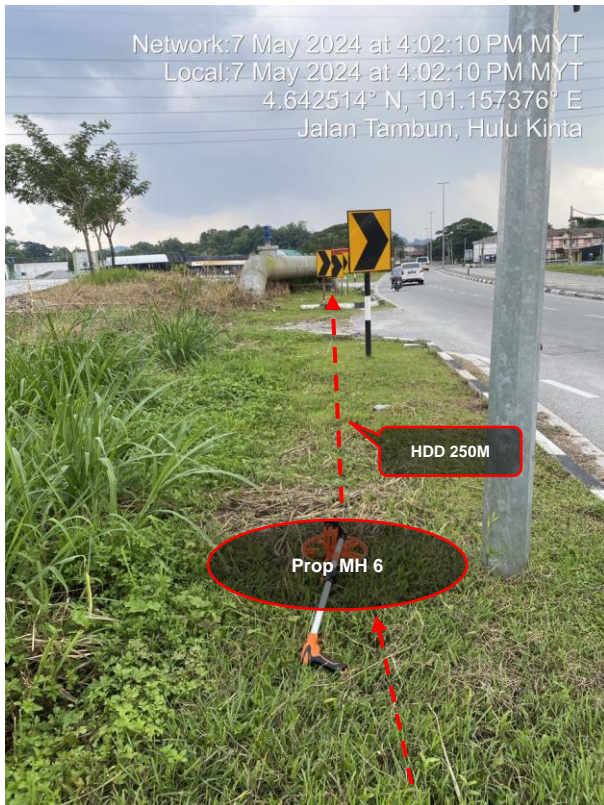
Section 4: OSP Snapshot for new route



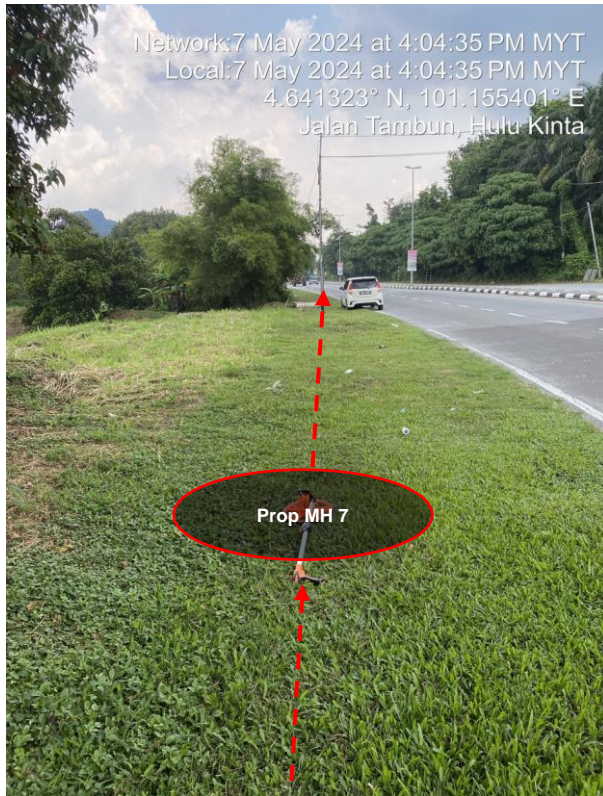
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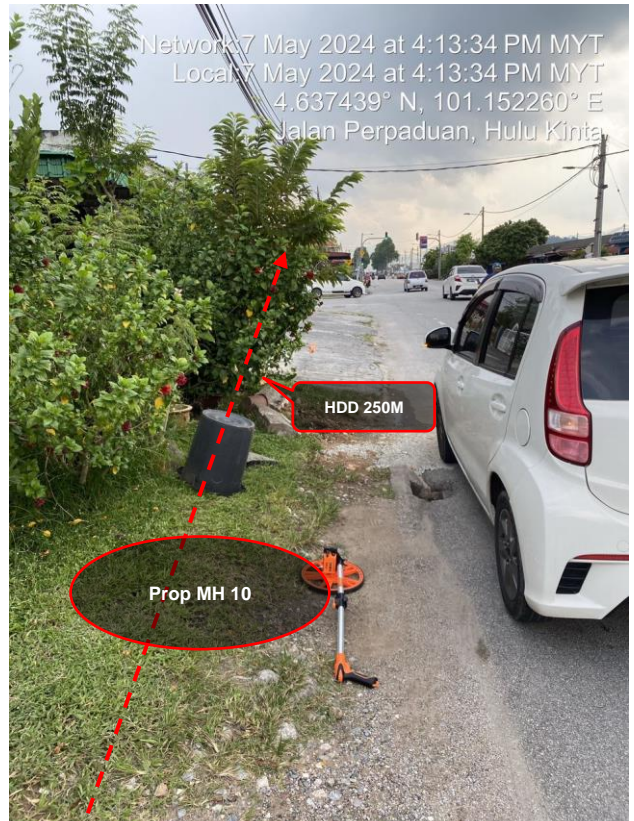
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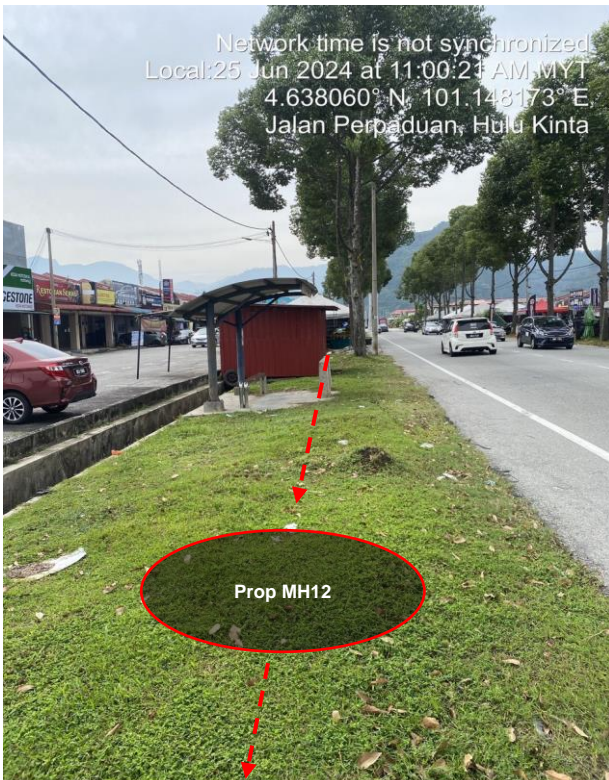
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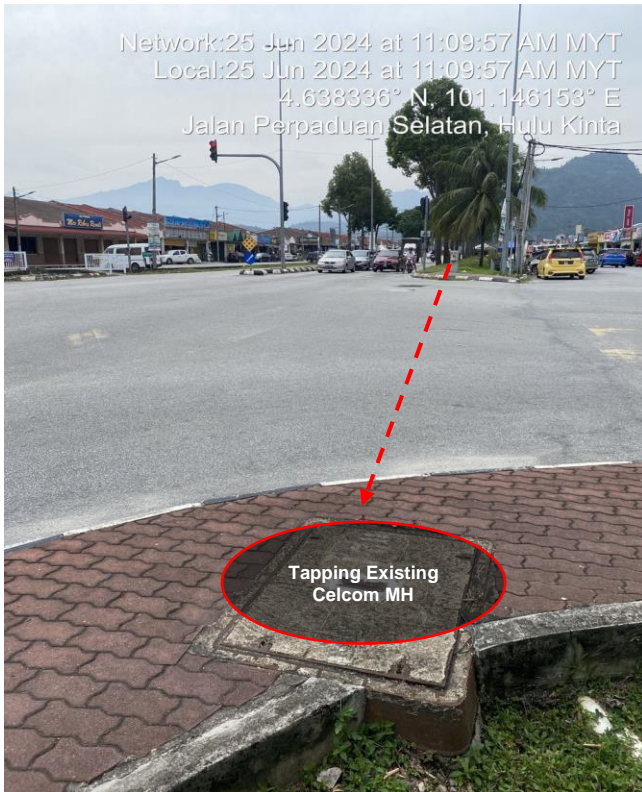
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Section 4: OSP Snapshot for new route



Section 6: Work Schedule