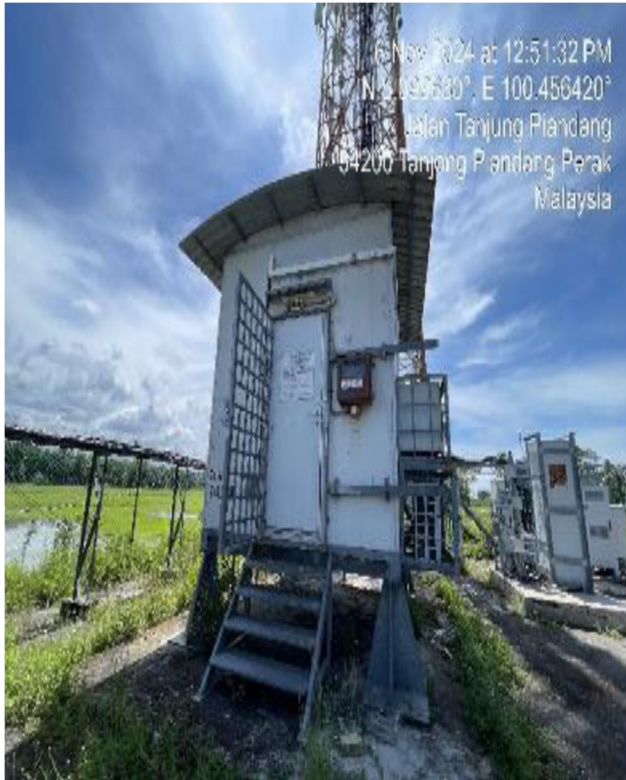


TECHNICAL PROPOSAL

(MC2021)



Site A

A00042_TITISERONG2
LATITUDE : 5.099658°
LONGTITUDE : 100.456418°

Site B

A00265_SIMPANGLIMA
LATITUDE : 5.115101°
LONGTITUDE : 100.484836°

CIVIL INFRASTRUCTURE

Project Name: MC2021
Region : NORTHERN REGION
Site/Link name : A00042_TITISERONG2 to A00265_SIMPANGLIMA
Link ID : C24-0190BC
Site Address A : A00042_TITISERONG2
Site Address B : A00265_SIMPANGLIMA

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- Section 3 : OSP Routing Plan
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- Section 6 : Work Schedule

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 : A00042_TITISERONG2

Location B : A00265_SIMPANGLIMA

Contractor

Name : Mutanic Technology 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 Material

Section 2: OSP Summary

Overall Proposed Civil Infrastructure Design Distance		4075	Meter
a.	Horizontal Directional Drill (HDD)	4050	Meter
b.	Carriage Way Open Trenching (CW)	5	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	5	Meter
g.	Existing Cable ladder (In Cabin)		
h.	Aerial		Meter
No. of proposed Manhole / Joint Box / JC9 / PIT		19	each
No. of Proposed Pole			each
Area of Milling work Required			
Estimated timeline required for job completion			days

Existing Infrastructure Information

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

TENAGA Pole Option:

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

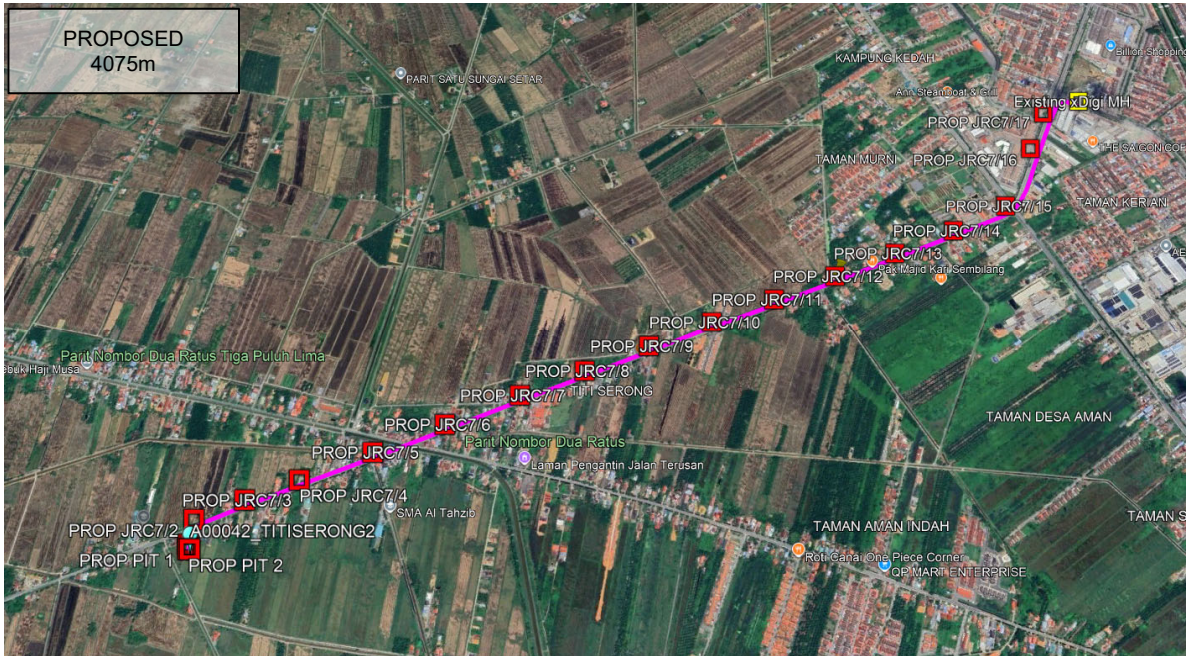
3rd parties Dependencies

Item	Parties involve and location
LA/LC	1.MAJLIS DAERAH KERIAN 2.JABATAN KERJA RAYA PERAK
LLM / KTM / SBC etc.	
Building Management / Land Lord	
Private Owners	

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



PROPOSED KMZ

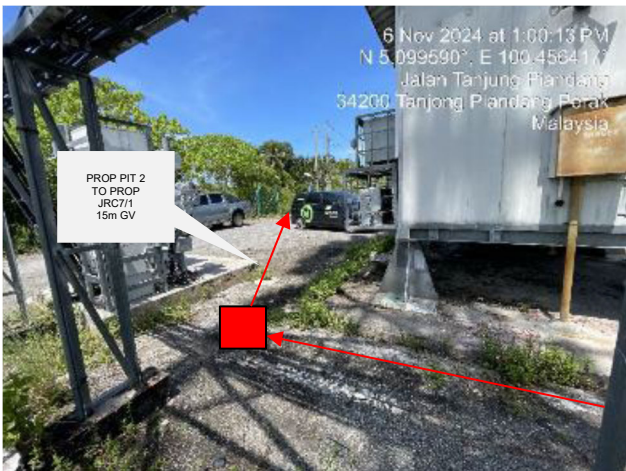
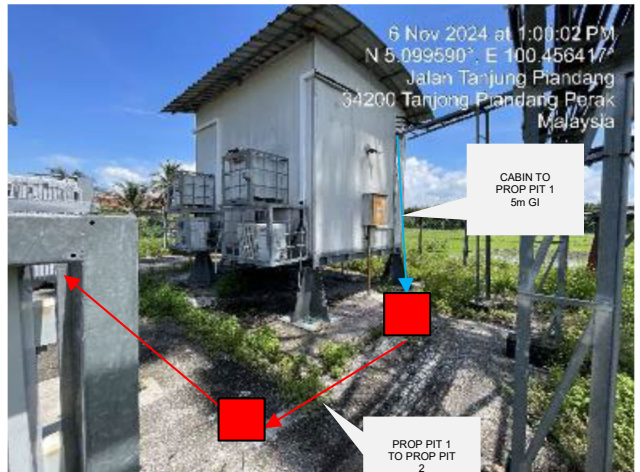
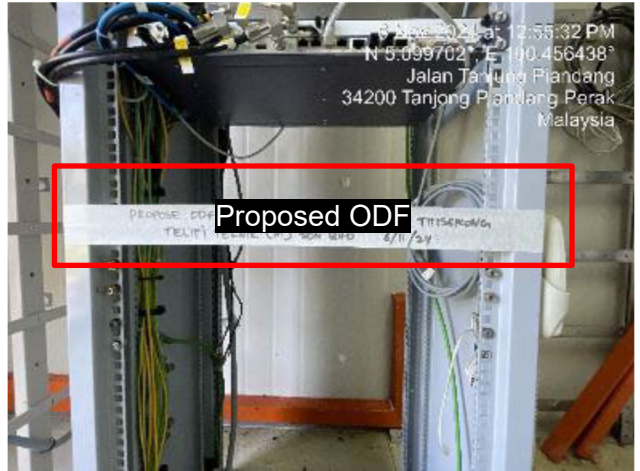
Section 3 : OSP Routing Plan

MANHOLE NUMBER	PROPOSED MANHOLE COORDINATE		
	LATITUDE	LONGTITUDE	DISTANCE (m)
CABIN	5.099658°	100.456418°	5
PROP PIT 1	5.099618°	100.456413°	5
PROP PIT 2	5.099621°	100.456365°	15
PROP JRC7/1	5.099762°	100.456345°	100
PROP JRC7/2	5.100391°	100.456440°	250
PROP JRC7/3	5.100979°	100.457858°	250
PROP JRC7/4	5.101607°	100.459412°	250
PROP JRC7/5	5.102497°	100.461580°	250
PROP JRC7/6	5.103412	100.463618	250
PROP JRC7/7	5.104346°	100.465873°	250
PROP JRC7/8	5.105148°	100.467858°	250
PROP JRC7/9	5.105979°	100.469866°	250
PROP JRC7/10	5.106814°	100.471867°	250

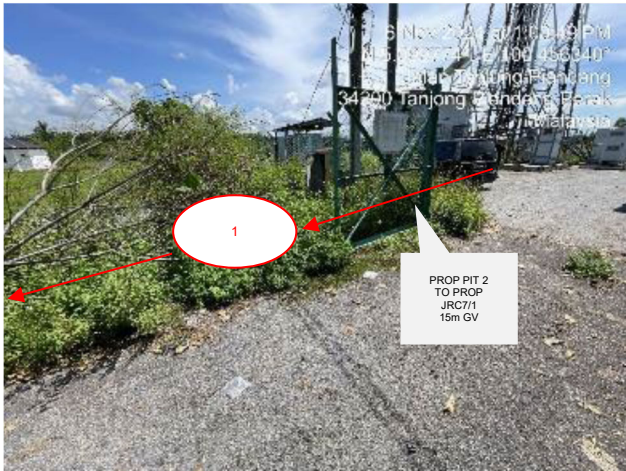
Section 3 : OSP Routing Plan

PROP JRC711	5.107608°	100.473888°	250
PROP JRC7/12	5.108426°	100.475897°	250
PROP JRC7/13	5.109245°	100.477910°	250
PROP JRC7/14	5.110073°	100.479914°	250
PROP JRC7/15	5.110994°	100.481753°	250
PROP JRC7/16	5.113202°	100.482895°	250
PROP JRC7/17	5.114622°	100.483545°	200
EXISTING xDIGI MH	5.115101°	100.484836°	

Section 4: OSP Snapshot for new route



Section 4: OSP Snapshot for new route



Section 4: OSP Snapshot for new route



Section 4: OSP Snapshot for new route



Section 4: OSP Snapshot for new route



Section 6: Work Schedule