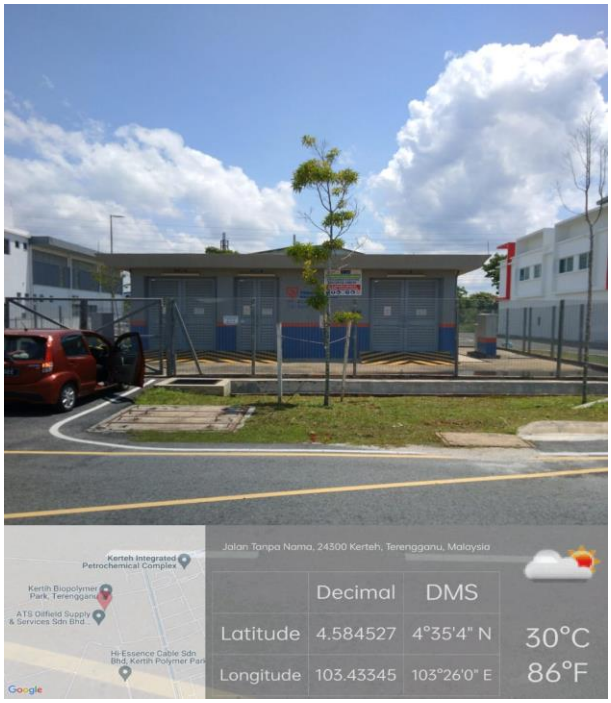
VS MAJU TECH SDN BHD

digi LET'S INSPIRE

DIGI TELECOMMUNICATION SDN BHDLOT 10, JALAN DELIMA 1/1, SUBANG HI-TECH INDUSTRIAL PARK, 40000 SHAH ALAM, SELANGOR

TECHNICAL PROPOSAL
ENTERPRISE 2022



Site A
Junction Kerteh Biopolymer Park Kerteh Biopolymer (8159E) (JT8460)
LATITUDE: 4.584527°
LONGTITUDE: 103.433450°

Site B
Santong (Maxis) (8310A)
LATITUDE: 4.586611°
LONGTITUDE: 103.450284°

CIVIL INFRASTRUCTURE

Project Name	: Enterprise 2022
Region	: Eastern
Site/Link name	: 22-0299BD_ JT8460 Junction Kerteh Biopolymer Park Kerteh Biopolymer (8195E) – 8310A Santong (Maxis)
Unique Link ID	: 22-0299BD
Site Address A	: JT8460_Junction Kerteh Biopolymer Park Kerteh Biopolymer (8195E)
Site Address B	: 8310A_Santong (Maxis)

Table of Contents

1.0 OSP

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Section 1: Proposal Sign-off sheet

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

Location A : JT8460_Junction Kerteh Biopolymer Park Kerteh Biopolymer (8195E)

Location B : 8310A Santong (Maxis)

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		3400	Meter
a.	Horizontal Directional Drill (HDD)	3350	Meter
b.	Carriage Way Open Trenching (CW)		Meter
c.	Grass Verge Open Trenching (GV)		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 at existing way	50	Meter
No. of proposed Manhole / Joint Box / JC9		13	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	
Existing Cable / Fiber Condition	Tapping Existing Time MH

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 Perbandaran Kemaman
LLM / KTM / SBC etc.	
Building Management / Land Lord	No
Private Owners	No

Other Highlights/Remark

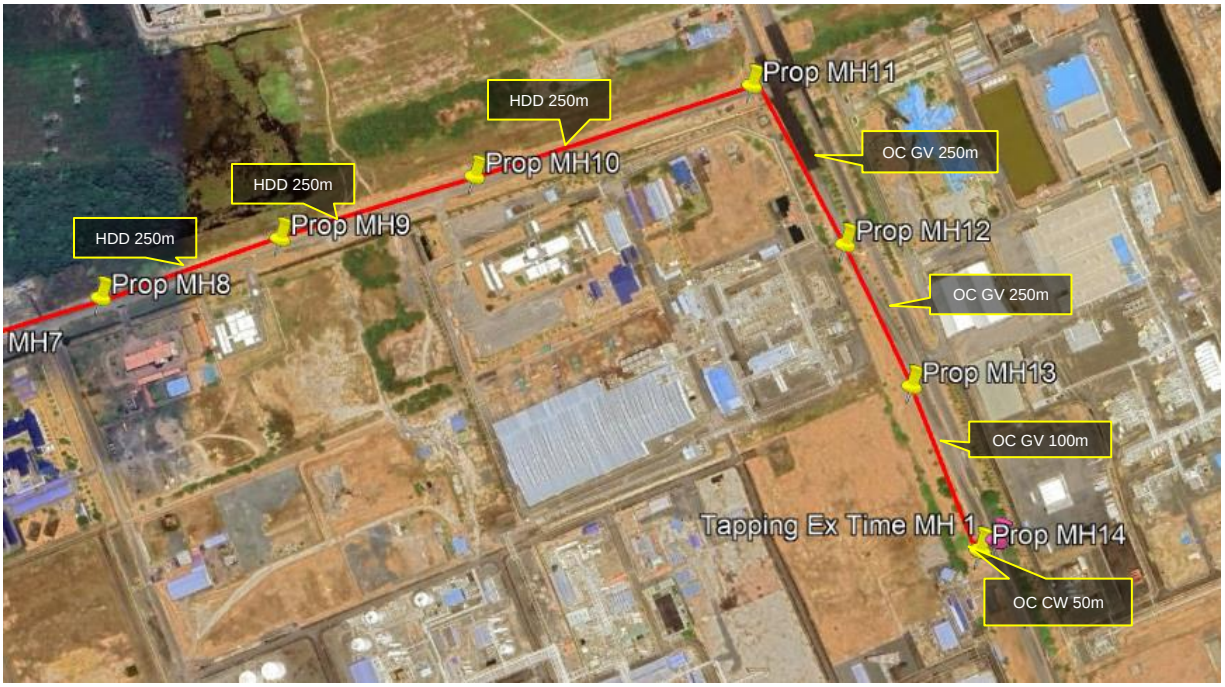
Road crossing and ROW change expected depending on Local Authority instruction. Method of Statement and location of MH subject to site condition and as advice/instruction by Implementation Manager during construction since other utilities like water pipes, telecommunication infra and TNB spotted on site.

Section 3: OSP Routing Plan

Proposed KMZ

Proposed KMZ

Section 3: OSP Routing Plan

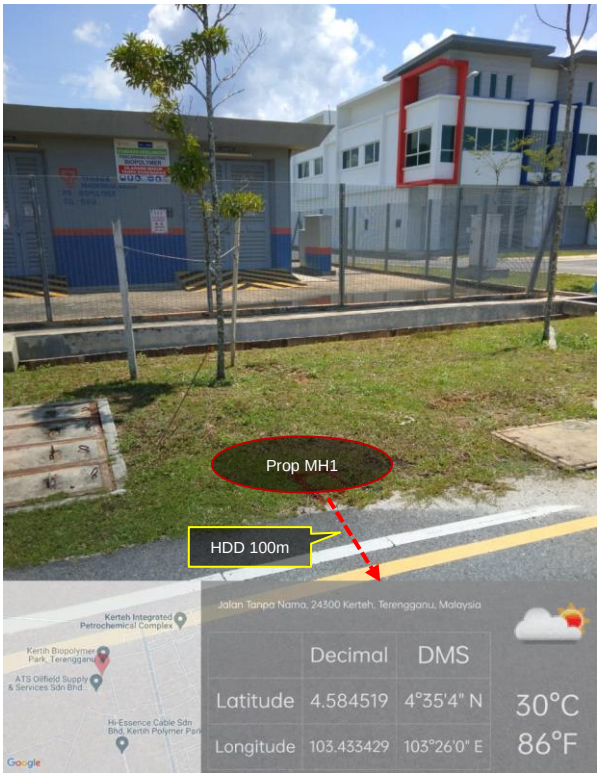


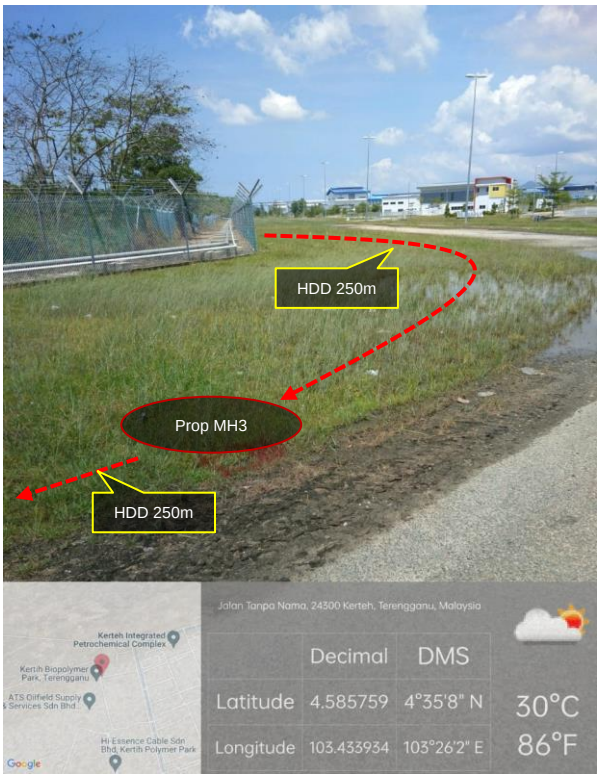
Proposed KMZ

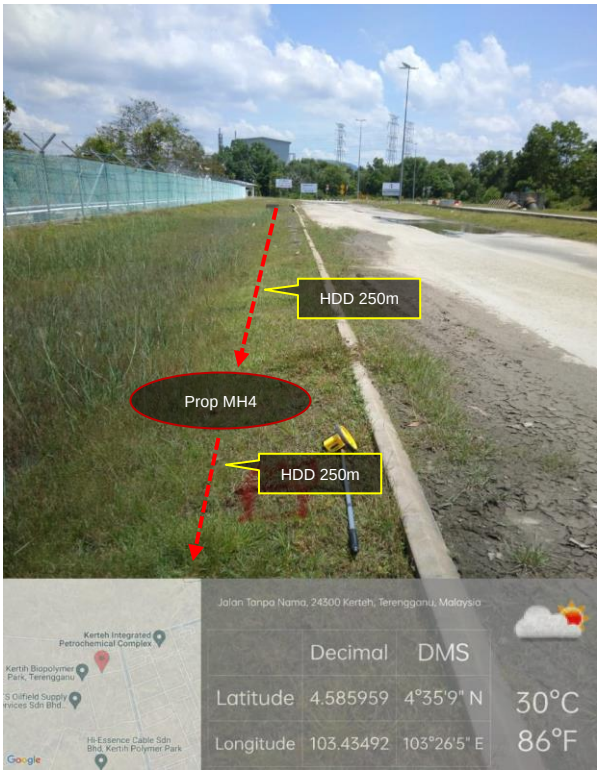
Section 3: OSP Routing Plan

PROPOSED MANHOLE COORDINATE		
MANHOLE NUMBER	**LATITUDE**	**LONGTITUDE**
Proposed manhole 1	4.584527°	103.433450°
Proposed Manhole 2	4.584285°	103.434085°
Proposed Manhole 3	4.585759°	103.433934°
Proposed Manhole 4	4.585970°	103.434875°
Proposed Manhole 5	4.586324°	103.436508°
Proposed Manhole 6	4.588060°	103.436226°
Proposed Manhole 7	4.588728°	103.438214°
Proposed Manhole 8	4.589388°	103.440117°
Proposed Manhole 9	4.590068°	103.442172°
Proposed Manhole 10	4.590760°	103.444377°
Proposed Manhole 11	4.591903°	103.448095°
Proposed Manhole 12	4.589978°	103.448575°
Proposed Manhole 13	4.588376°	103.449338°
Proposed Manhole 14	4.586500°	103.450100°
Tapping Ex Time MH	4.586611°	103.450284°

Section 4: OSP Snapshot for new route







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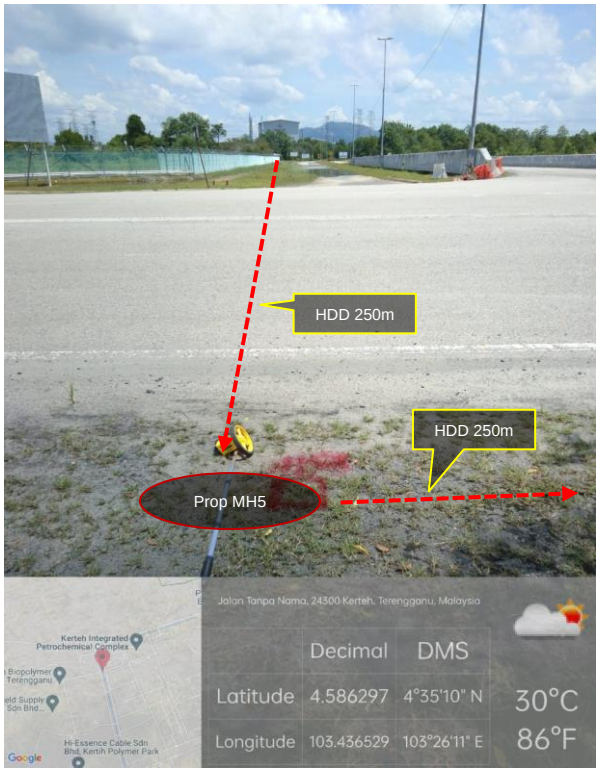

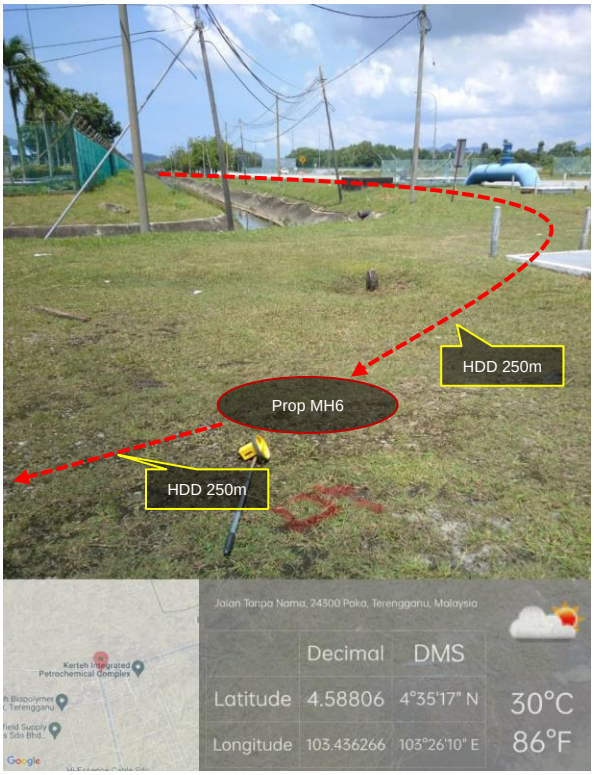

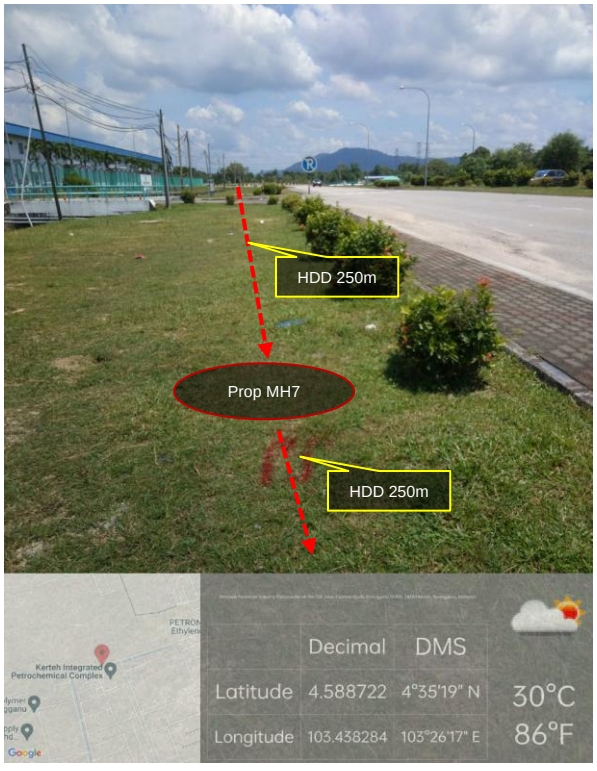

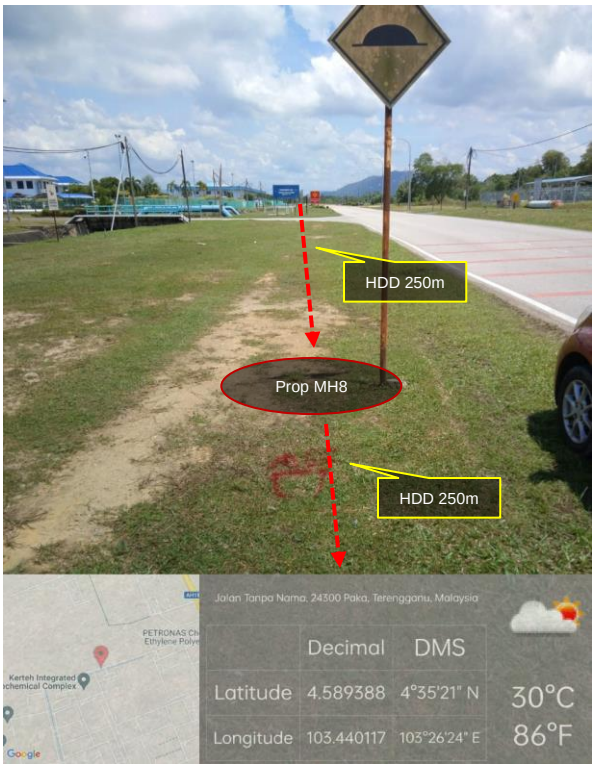

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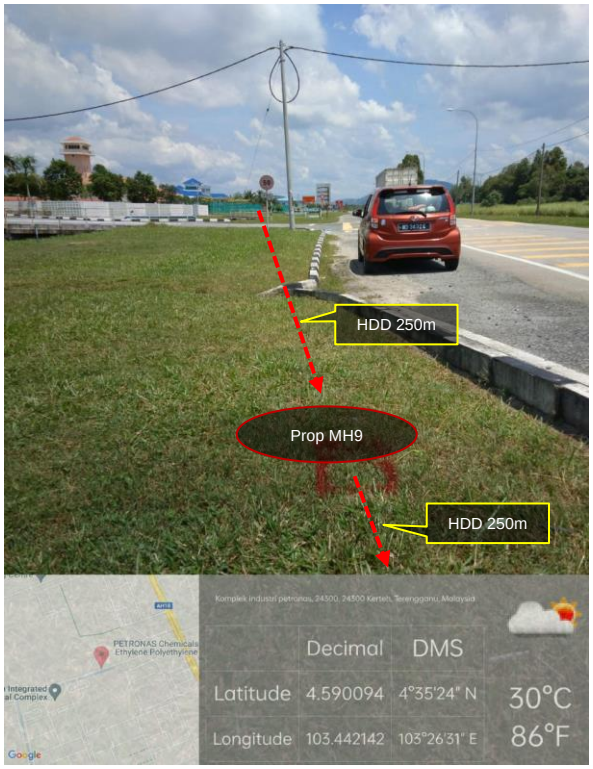

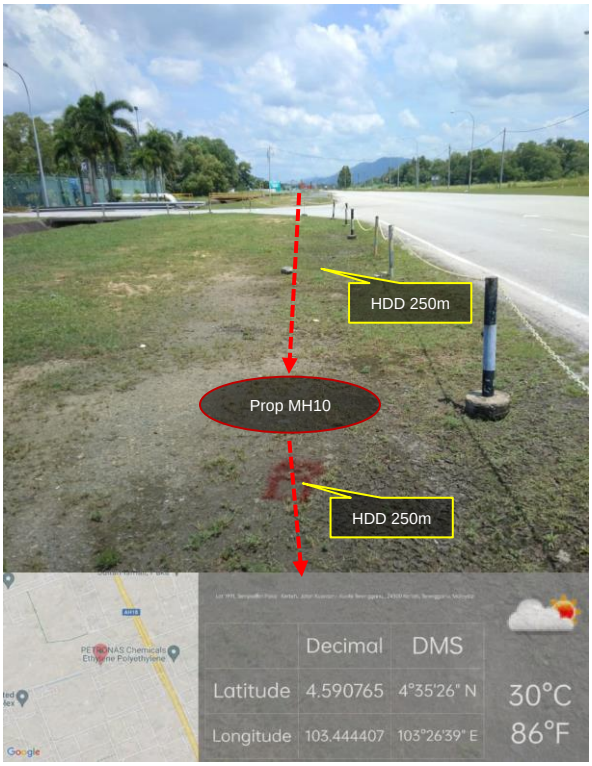

Section 4: OSP Snapshot for new route

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Section 6: Work Schedule