

# TECHNICAL PROPOSAL (OSP)



**LOCATION A**

**LAT : 5.106532, LONG : 100.487059**



**LOCATION B**

**LAT : 5.102194, LONG : 100.489357**

**EXISTING CIVIL INFRASTRUCTURE ,PROPOSED 1WAY HDD PULLING FIBRE OPTIC CABLING**

**Project Name:** TP EXT IMPLEMENTATION AT JLN PERUSAHAAN 1, PARIT BUNTAR- BAGAN SERAI

**Region :** NORTHERN

**Site/Link name :** FL1-0143\_AB\_12-0074\_4391A\_PARIT BUNTAR\_4332A\_BAGAN SERAI

**Site A :** 4391A\_PARIT BUNTAR

**Site B :** 4332A\_BAGAN SERAI

## **Table of Contents**

### **1.0 OSP**

- Section 1 : Proposal Sign-off sheet
- Section 2 : OSP & ISP Summary
- Section 3 : Bill of Quantity (Without Pricing)
- Section 4 : OSP Routing Plan
- Section 5 : OSP Snapshot
- Section 6 : Room/Cabin Layout
- Section 7 : 3<sup>rd</sup> Party Dependency Listing
- Section 8 : Work Schedule

# 1.0 OSP

## Section 1: Proposal Sign-off sheet

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

Location A : 4391A\_PARIT BUNTAR

---

Location B : 4332A\_BAGAN SERAI

---

### Contractor

Name : MUTANIC TECHNOLOGY SDN BHD

---

Signature : 

---

Check & Approved date : 29/07/2024

---

Submission Date : 29/07/2024

---

### CelcomDigi Authorized Personel

Verify By

Signature : \_\_\_\_\_

Name : \_\_\_\_\_

Date : \_\_\_\_\_

Approved By

Signature : \_\_\_\_\_

Name : \_\_\_\_\_

Date : \_\_\_\_\_

## OSP Summary

<b>Overall proposed Civil Infrastructure Design Distance</b>		1000	meter
a.	MICRO Trenching	N/A	meter
b.	Horizontal directional drilling	1000	meter
c.	Carriage way open cut trenching	N/A	meter
d.	Proposed Cable Trunking	N/A	meter
e.	Grass Verge open cut trenching	N/A	meter
f.	Other ( LAMP POLE )	N/A	meter
g.	Exist cable ladder (in cabin)	N/A	meter
Pulling new cable 144C & 96C		1020	meter
Proposed new closure		4	pcs
Demolish Existing Manhole		N/A	pc
No. of proposed Manhole/Joint Box/JB30		N/A	pc
EXIST M/H		5	pc
Area of milling work required		N/A	meter <sup>2</sup>
Estimated timeline required for job completion		N/A	days

## Existing Infrastructure Information

Preceding duct/sub-duct space	sub-duct available
Preceding duct/sub-duct condition	sub-duct available
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

**3<sup>rd</sup> parties Dependencies**

Item	Parties involve and location
LA/LC	
LLM / KTM / SBC / etc	
Building Management / Land Lord	
Private Owners	

**Other Highlights/Remark**

--

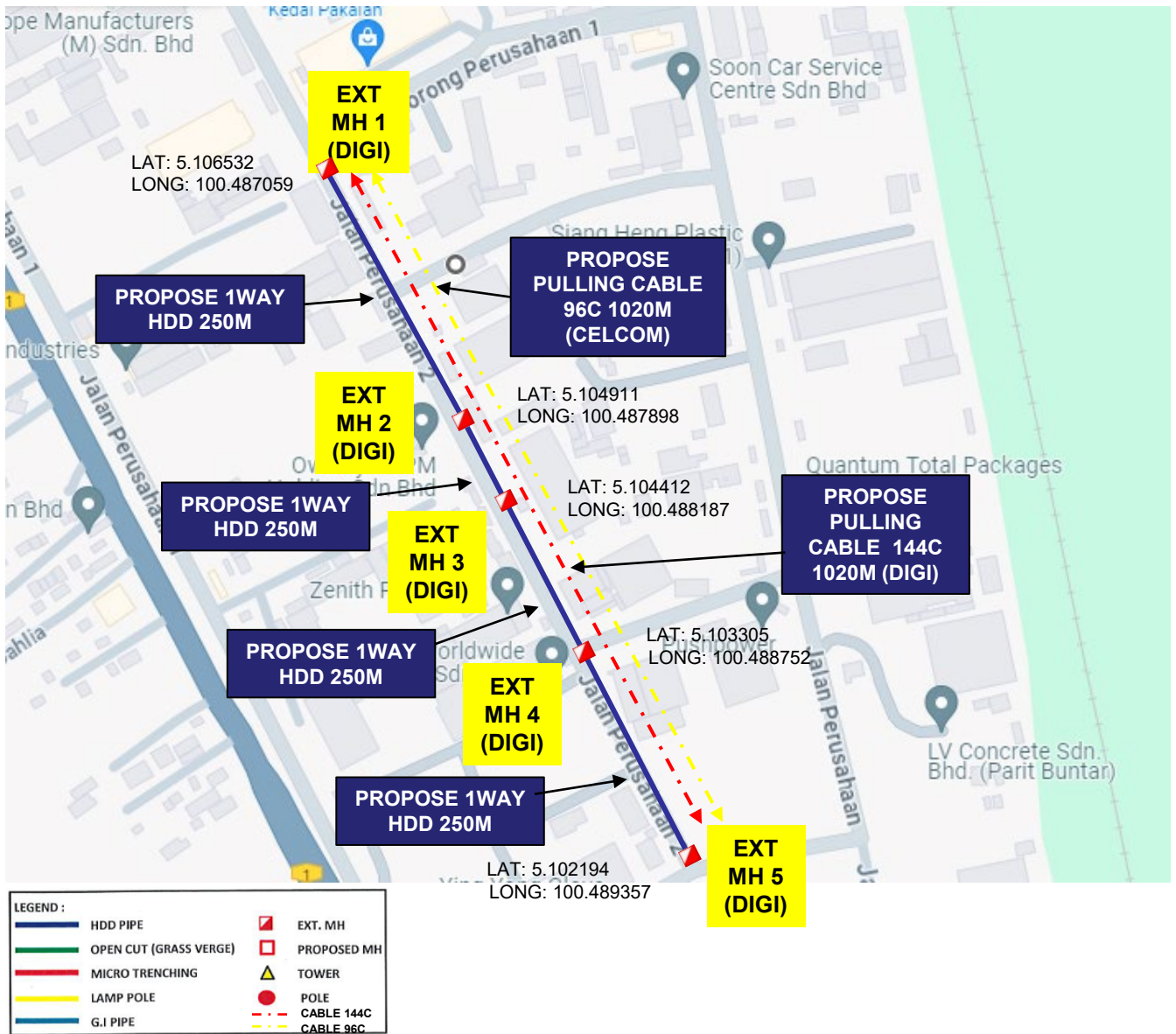
## Manholes GPS Coordinates

MANHOLE	LATITUDE	LONGTITUDE
EXISTING MH 1 (DIGI)	5.106532	100.487059
EXISTING MH 2 (DIGI)	5.104911	100.487898
EXISTING MH 3 (DIGI)	5.104412	100.488187
EXISTING MH 4 (DIGI)	5.103305	100.488752
EXISTING MH 5 (DIGI)	5.102194	100.489357

## **Section 3 : - Bill of Quantity**

## **Section 4 : OSP Routing Plan**

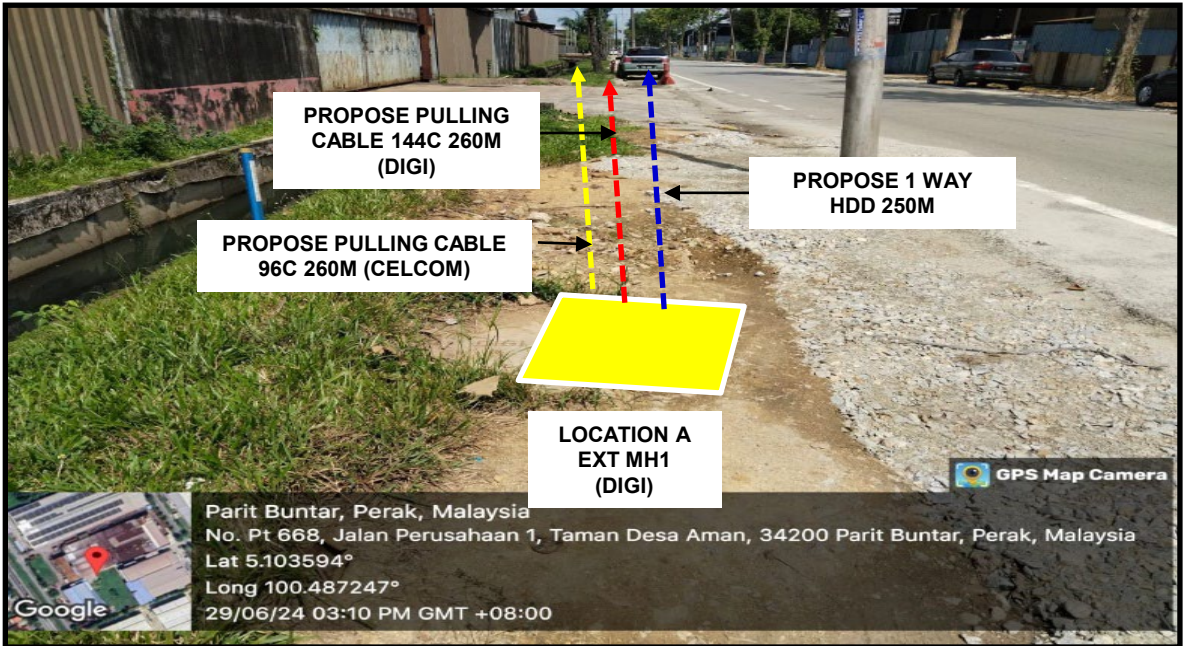
## Section 4 : OSP Routing Plan



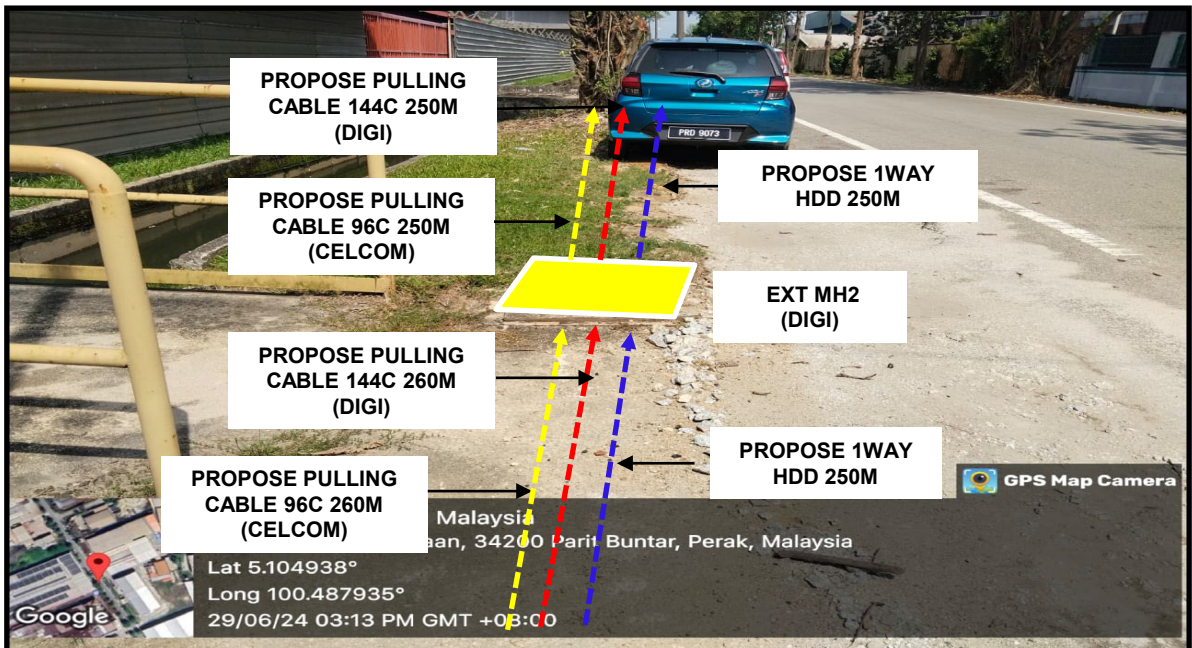
## **Section 5 : OSP Snapshot**

**Section 5: Outside Plant Site Snapshot**

PHOTO 1



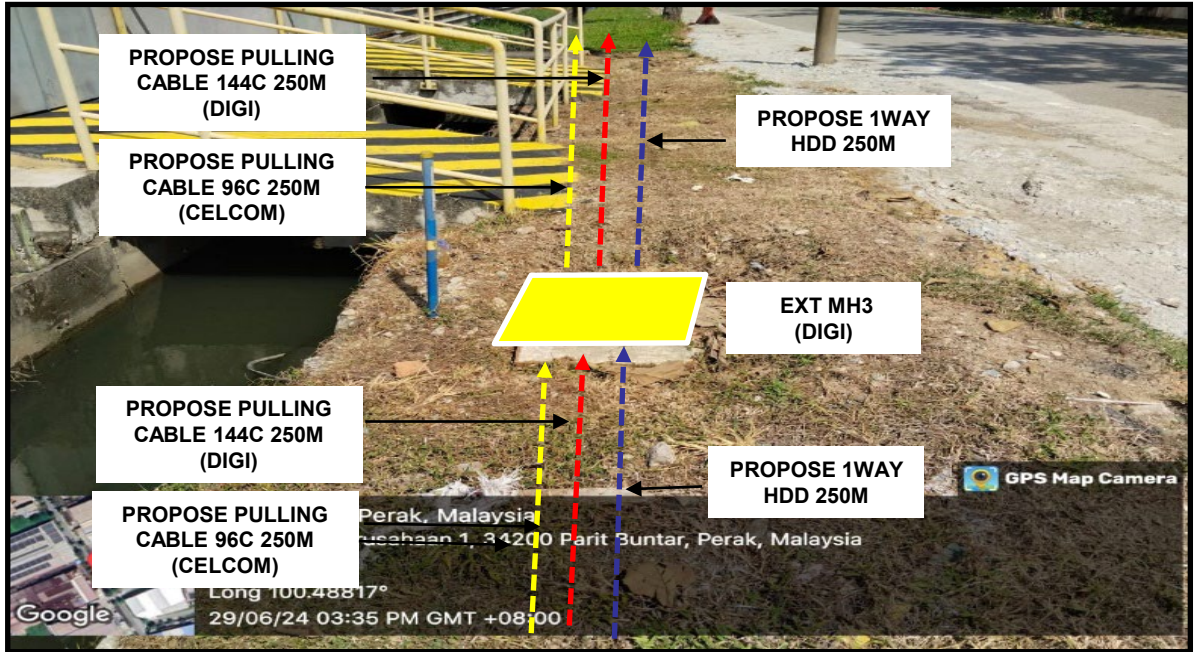
JALAN PERUSAHAAN 1, PARIT BUNTAR



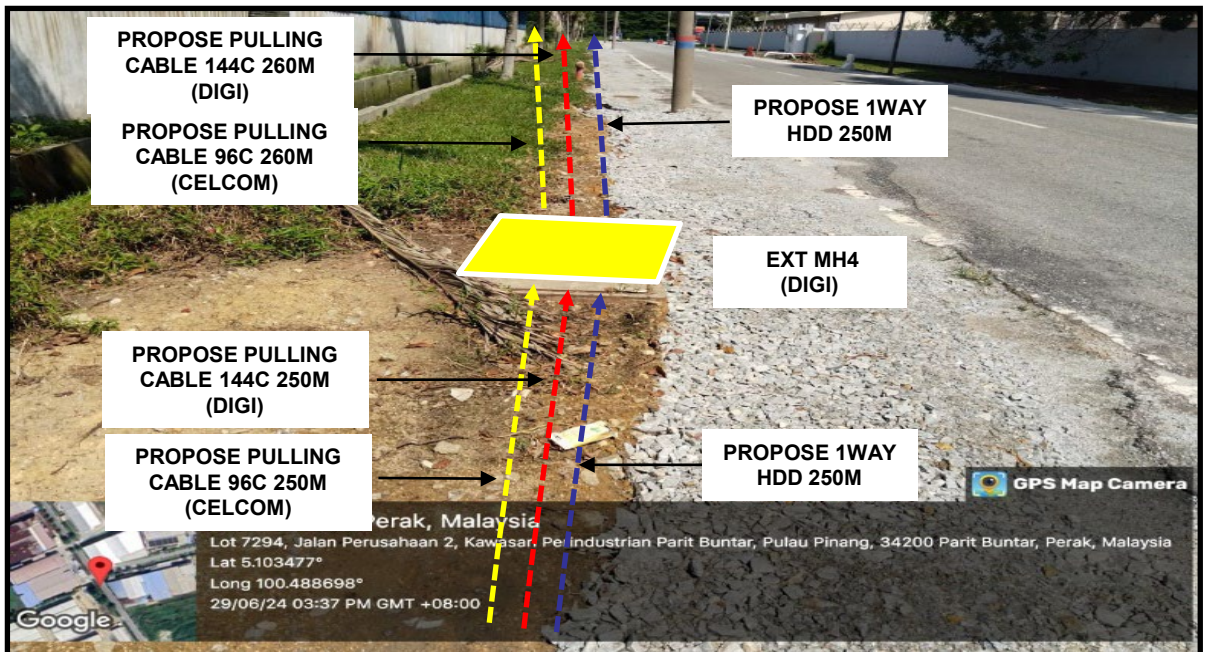
JALAN PERUSAHAAN, PARIT BUNTAR

**Section 5: Outside Plant Site Snapshot**

PHOTO 2



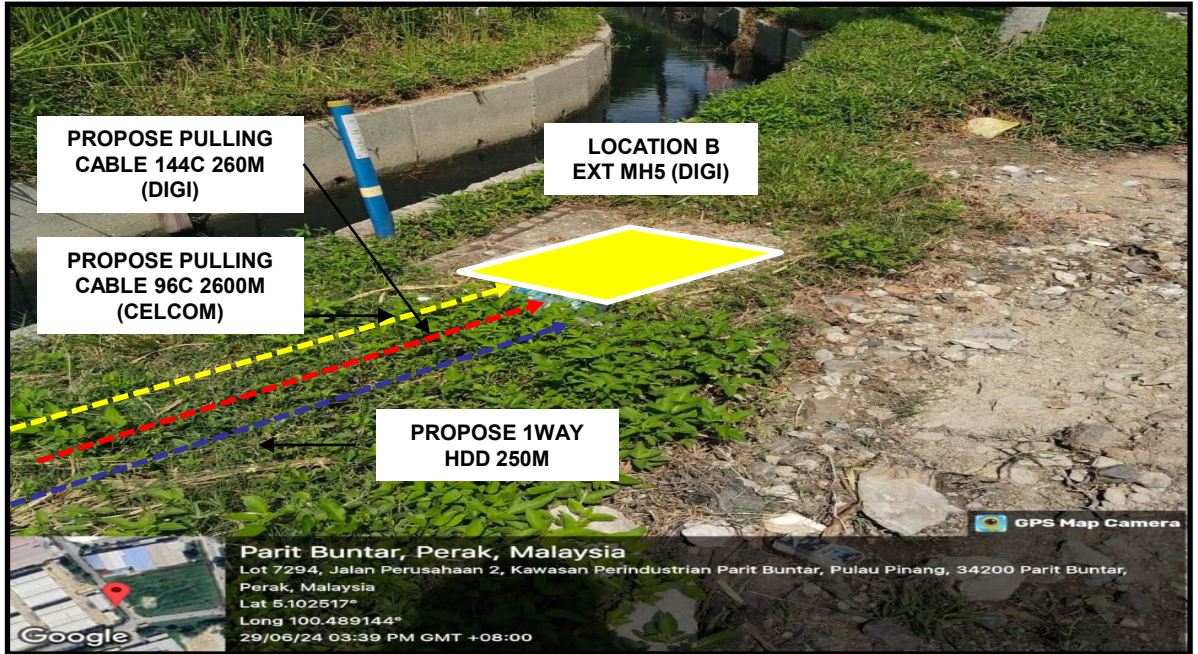
**JALAN PERUSAHAAN, PARIT BUNTAR**



**JALAN PERUSAHAAN 2, PARIT BUNTAR**

## Section 5: Outside Plant Site Snapshot

PHOTO 3



JALAN PERUSAHAAN 2, PARIT BUNTAR

## **Section 6 : Room/Cabin Layout**

# Location of Rack and ODF

## **Section 7:3<sup>rd</sup> Party Listing**

## **Section 8: Work Schedule**

## Work Schedule

No.	Task name	Weeks							
		1	2	3	4	5	6	7	8
<b>1</b>	<b>CIVIL INFRASTRUCTURE WORKS</b>								
1.1	Mobilization								
1.2	Supply and Install MH c/w Accessories								
1.3	HDD Works								
1.4	Trenching Works								
1.5	Micro Trenching Works								
1.6	Supply and Install 4x32mm Sub-Duct								
1.7	Testing & Commissioning of Civil Infra*								
<b>2</b>	<b>CABLE WORKS</b>								
2.1	Laying of OFC 96C								
2.2	Splicing & Termination								
2.3	Testing & Commissioning*								
<b>3</b>	<b>SITE ACCEPTANCE</b>								
3.1	Handover Document								