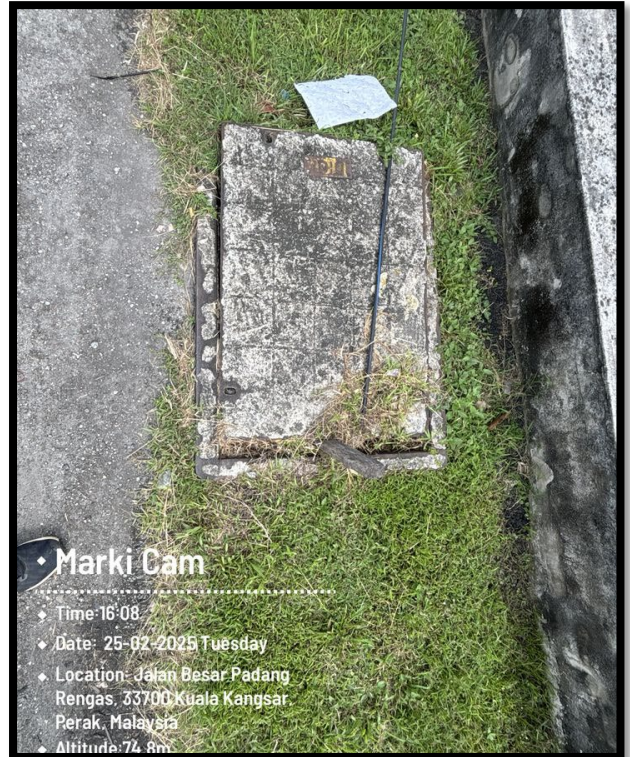


# TECHNICAL PROPOSAL (OSP)



**LOCATION A**

**LOCATION B**

**LAT : 4.775516 , LONG : 100.843998**

**LAT : 4.775449 , LONG : 100.841435**

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

**Project Name:** TP EX IMPLEMENTATION – JLN TAIPING, PDNG RENGAS (SEK KEB PEREMPUAN PDNG RENGAS)

**Region :** NORTHERN

**Site/Link Name :** FL1-0144\_AB\_12-0085\_JT4245\_JUNCTION PADANG RENGAS\_4372B\_PADANG RENGAS

**Site A :** JT4245\_JUNCTION PADANG RENGAS

**Site B :** 4372B\_PADANG RENGAS

## **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 new civil infrastructure and fibre optic cabling for link below :

Location A : JT4245\_JUNCTION PADANG RENGAS  
Location B : 4372B\_PADANG RENGAS

### Contractor

Name : MUTANIC TECHNOLOGY SDN BHD  
Signature :   
Check & Approved date : 26/03/2025  
Submission Date : 26/03/2025

### CelcomDigi Authorized Personel

Verify By

Signature : \_\_\_\_\_  
Name : \_\_\_\_\_  
Date : \_\_\_\_\_

Approved By

Signature : \_\_\_\_\_  
Name : \_\_\_\_\_  
Date : \_\_\_\_\_

## OSP Summary

<b>Overall proposed Civil Infrastructure Design Distance</b>		300	meter
a.	MICRO Trenching	N/A	meter
b.	Horizontal directional drilling	300	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 (DIGI)		350	meter
Pulling new cable 96C (CELCOM)		350	meter
Proposed new closure 144C		2	Pc
Proposed new closure 96C		2	pc
EXIST M/H		2	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	N/A
Preceding duct/sub-duct condition	N/A
Existing / tapping manhole	MH condition OK
Existing cable/fiber condition	Infra & existing cable damaged/ Temporary Cable

### 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	JKR Perak, KUDR
LLM / KTM / SBC / etc	N/A
Building Management / Land Lord	N/A
Private Owners	N/A

### Other Highlights/Remark

<p>TTP</p> <ul style="list-style-type: none"> <li>- Digi and celcom is still using a temporary cable.</li> <li>- TP replace temporary cable to permanent cable</li> </ul>
---

## Manholes GPS Coordinates

MANHOLE	LATITUDE	LONGITUDE
EXISTING MH 1 (DIGI)	4.775516	100.843998
EXISTING MH 2 (DIGI)	4.775449	100.841435

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

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

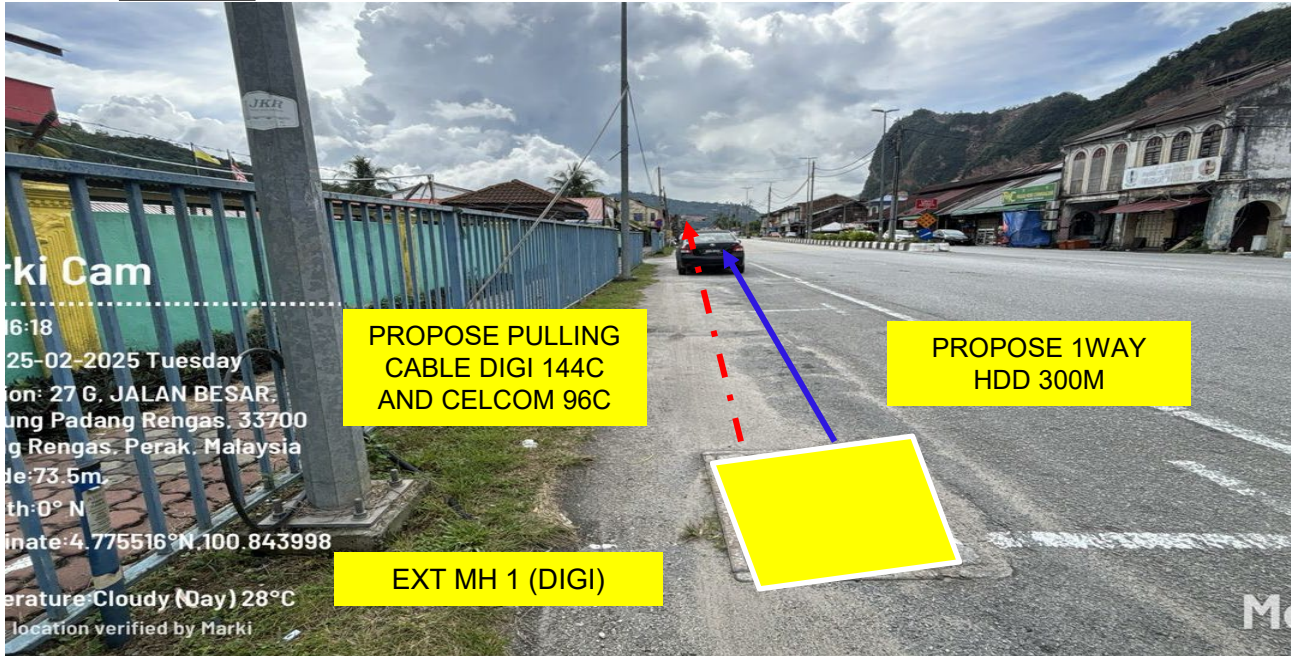
## Section 4 : OSP Routing Plan



## **Section 5 : OSP Snapshot**

**Section 5: Outside Plant Site Snapshot**

PHOTO 1



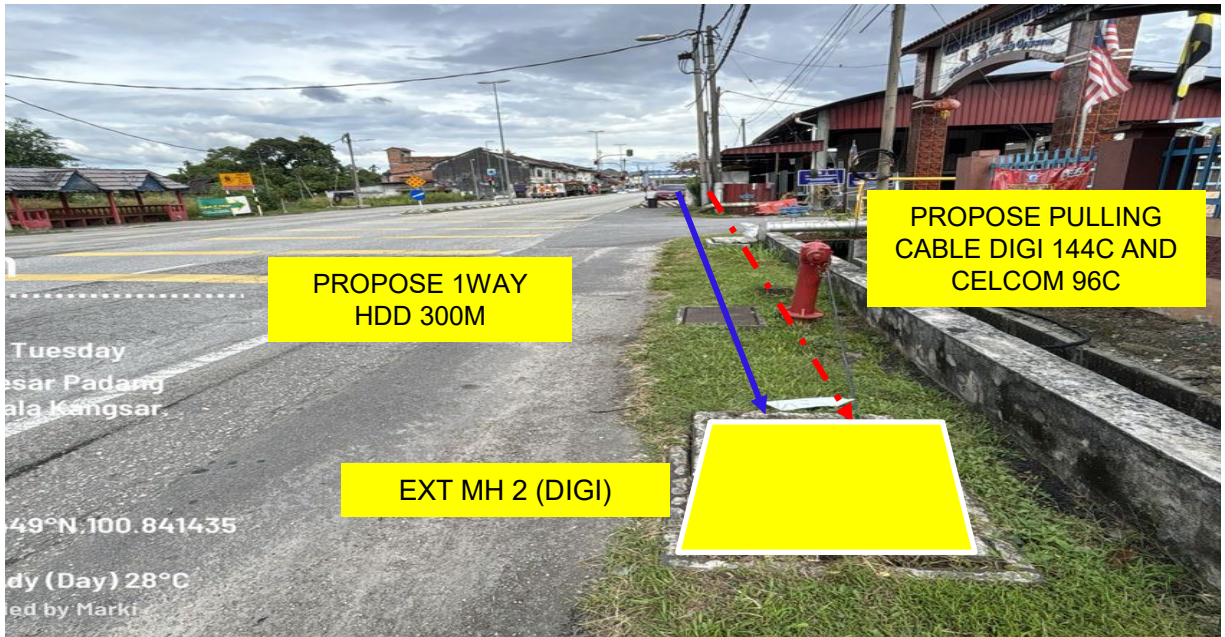
**KAMPUNG PADANG RENGAS, PADANG RENGAS**



**KAMPUNG PADANG RENGAS, PADANG RENGAS**

## Section 5: Outside Plant Site Snapshot

PHOTO 3



**KAMPUNG PADANG RENGAS, PADANG RENGAS**



## **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 144C								
2.2	Splicing & Termination								
2.3	Testing & Commissioning*								
<b>3</b>	<b>SITE ACCEPTANCE</b>								
3.1	Handover Document								