
	Contractor	Direct-Field Resources Sdn. Bhd	
	SOW Ref	B12 - OSP Construction & Commissioning	
	LRD	(PAYU -RAKI)	
	Subject	Fiber Technical Proposal	



Region	Eastern		
KV/OKV	OKV		
Point A	PAYU -EXT MAXIS MH34	Point B	RAKI- EXT MAXIS MH35
Address	RELOCATION FOR CROSSING JPS CULVERT (PAYU - RAKI), Kuala Terengganu		
Point A Lat Long	PAYU - 5.393889,103.081944		
Point B Lat Long	RAKI - 5.391444,103.080833		
Structure Owner	MAXIS		

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Section 1: Proposal Sign-off Sheet

This proposal is contains the civil design proposal for [MAXIS SITE RELOCATIC](#)
[3685 Jalan Gong Badak, 21300 Kuala Terengganu](#)

All the information presented complied with Maxis Outside Plan technical sp

- Last Mile Telecommunication Systems Design and Survey (GLD/T
- GLD/CATE/002 (Outside Plant Design and Build Guideline)
- OSPE GLD/TNE/003(Horizontal Directional Drilling Procedure &
- OSPE GLD/TNE/004 (Road Reinstatement Work Guideline)

The proposed construction methodologies, material and Bill of Quantity are v

Direct-Field Resources Sdn. Bhd

Name: Sulaiman

Designation: Project Manager

Signature: _____

Check & Approved by: _____

Signature: _____

Submission Date: _____

Maxis OSP Detail Design

Name: ZULKEFLI BIN ZABRI

Designation: MANAGER

Signature: _____

Approval Date: _____



DN JPS KUALA TERENGGANU

ecification & guidelines:
(NE/005)

Guideline)

verified to be correct.



Section 2: Outside Plant Civil Infra Design Summary

Overall proposed OSP Civil Infrastructure Design Distance	100	meter
a. Horizontal directional drilling	100	meter
b. Carriage way open cut trenching	N/A	meter
c. Grass verge open cut trenching	N/A	meter
d. Micro Trenching (mt)	N/A	meter
e. Maxis Pole	N/A	meter
f. Cable trunking	N/A	meter
g. GI Pipes Crossing/Riser	N/A	meter
h. Cable Ladder/ Tray	N/A	meter
i. Duct GI	N/A	meter

ITP trunking/riser length	N/A	meter
ITP cable length from Maxis fiber tapping point to new termination point at building/cabin	N/A	meter
No. of proposed manhole	N/A	pc
No. of proposed JB30	N/A	pc
Area of miling work required	N/A	meter

Local council & authority approval requirement	100	meter
a. JKR KUALA TERENGGANU	100	meter
b. JPS KUALA TERENGGANU	0	meter
c.		meter

Estimated Cost of the Scheme/Project	#REF!	RM
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Type of building:	
Address:	RELOCATION FOR CROSSING JPS CULVERT (PAYU -RAKI)
Contact person:	
Contact no.:	



Existing Infrastructure Information

Preceding duct/sub-duct space	TBD during implementation
Preceding duct/sub-duct condition	TBD during implementation
Existing cable/fiber condition	TBD during implementation
Existing sites power & space	N/A

Tenaga Pole Option

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

Other Highlights/Remarks

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SLA

Date Survey Triggered

Survey Done (Days)	TP Submission (Days)
3	14

Implementation

Method	Distance (m)	CW (Days)
Underground	50	61
MH	50	FALSE
Total	100	61

Date TP Submission

Date CW Completed



Section 3

Vicidnity Map



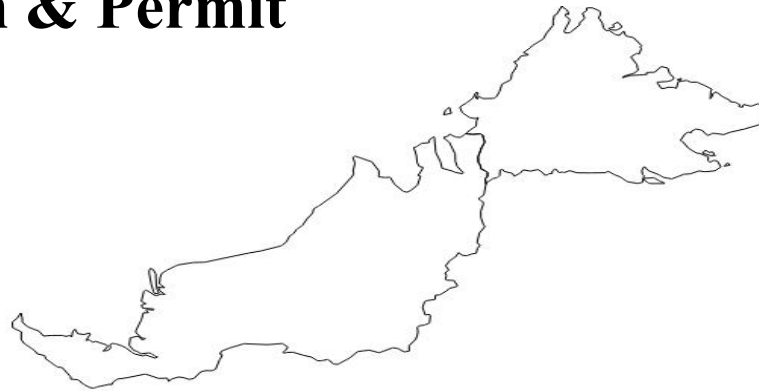


Site Name	PILA-BAHA
TITLE:	VACINITY MAP
DWG:	
NOTES	
LEGENDS	
	PROPOSED FDC
	EXISTING FDC
	PROPOSED MANHOLE
	EXISTING MANHOLE
	PROPOSED JOINT BOX/PIT
	EXISTING JOINT BOX/PIT
	PROPOSED DUCT RISER
	PROPOSED PEDESTAL
	PROPOSED POLE
	EXISTING POLE
	PROPOSED SPLITTER 1:2
	PROPOSED SPLITTER 1:32
	PROPOSED ATB
	PROPOSED FDP
	EXISTING FDP
	PROPOSED CLOSURE
	PROPOSED DUCTWAY/UG CABLE
	EXISTING DUCTWAY/UG CABLE
	PROPOSED ARIAL/DROP CABLE
	PROPOSED FDC BOUNDARY
	PROPOSED FDP BOUNDARY
REV:	DATE :
Maxis Broadband (Malaysia) Sdn.Bhd	
Direct-Field Resources Sdn. Bhd	
Designed By:	NIK
Checked By:	SULAIMAN
Approved By:	



Section 4

Civil Infrastructure Route Plan & Permit



EXT MH34 : T-S3685-0021-000M
 LAT, LONG : 5.393889, 103.081944

MR. DIY

200m

JKR & JPS

100m

2way HDD
 300m

JLN GONG BADAK

CROSSING JPS CULVERT

DEWAN SIVIK
 GONG BADAK

EXT MH35 : T-S3685-0020-000M
 LAT, LONG : 5.391444, 103.080833

Site Name	RELOCATION JPS KUALA TERENGGANU
TITLE:	OSP CIVIL ROUTE PLAN
DWG:	PROPOSED CIVIL ROUTE PLAN
N O T E S	
L E G E N D S	
	PROPOSED FDC
	EXISTING FDC
	PROPOSED MANHOLE
	EXISTING MANHOLE
	PROPOSED JOINT BOX/PIT
	EXISTING JOINT BOX/PIT
	PROPOSED DUCT RISER
	PROPOSED PEDESTAL
	PROPOSED POLE
	EXISTING POLE
	PROPOSED SPLITTER 1:2
	PROPOSED SPLITTER 1:32
	PROPOSED ATB
	PROPOSED FDP
	EXISTING FDP
	PROPOSED CLOSURE
	PROPOSED DUCTWAY/UG CABLE
	EXISTING DUCTWAY/UG CABLE
	PROPOSED ARISE/DROP CABLE
	PROPOSED FDC BOUNDARY
	PROPOSED FDP BOUNDARY
REV:	DATE :
Maxis Broadband (Malaysia) Sdn. Bhd	
Direct-Field Resources Sdn. Bhd	
Designed By:	NDK
Checked By:	
Approved By:	



Section 6

Cable Infrastructure Route Plan & Proposed Cable Plan



EXT MH34 : T-S3685-0021-000M
 LAT, LONG : 5.393889, 103.081944

MR. DIY

200m

100m

2way HDD
 300m

JLN GONG BADAQ

CROSSING CULVELT

DEWAN SIVIK
 GONG BADAQ

EXT MH35 : T-S3685-0020-000M
 LAT, LONG : 5.391444, 103.080833

Site Name	RELOCATION JPS KUALA TERENGGANU
TITLE:	OSP CIVIL ROUTE PLAN
DWG:	PROPOSED CIVIL ROUTE PLAN
N O T E S	
LEGENDS	
	PROPOSED FDC
	EXISTING FDC
	PROPOSED MANHOLE
	EXISTING MANHOLE
	PROPOSED JOINT BOX/PIT
	EXISTING JOINT BOX/PIT
	PROPOSED DUCT RISER
	PROPOSED PEDESTAL
	PROPOSED POLE
	EXISTING POLE
	PROPOSED SPLITTER 1:2
	PROPOSED SPLITTER 1:32
	PROPOSED ATB
	PROPOSED FDP
	EXISTING FDP
	PROPOSED CLOSURE
	PROPOSED DUCTWAY/JUG CABLE
	EXISTING DUCTWAY/JUG CABLE
	PROPOSED ARIAL/DROP CABLE
	PROPOSED FDC BOUNDARY
	PROPOSED FDP BOUNDARY
REV:	DATE :
Maxis Broadband (Malaysia) Sdn. Bhd	
Direct-Field Resources Sdn. Bhd	
Designed By:	NEK
Checked By:	
Approved By:	



Section 8: Outside Plant Site Snapshot



