



TECHNICAL PROPOSAL FOR SPUR CABLE PULLING OLT MEDAN IPOH BESTARI - PEKELILING TASEK

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TP CHECKLIST

		YES	NO	Remarks
1	TDC existing manhole coordinate	√		
2	Existing premises area manhole coordinate		√	
3	Any Gas pipe signage seen at site? If YES, attach photo.		√	
4	Any TNB cable signage seen at site? If YES, attach photo.		√	
5	Any crossing drainage? If YES, attach photo & width of the drainage.		√	
6	Any INDAH WATER manhole seen at site? If YES, attach photo.		√	
7	Any crossing traffic light? If YES, attach photo & measurement of the traffic light box.		√	
8	Has identified related Local Authority? Kindly indicate.	√		MBI
9	Drawing for outside plant (OSP) survey – Residential area & civil work up to last TIME manhole (.dwg format – autocad & .pdf format) *	√		
10	Prepare the complete 1 copy of Technical Proposal (.pdf format & PowerPoint) – of softcopy – 1 copy	√		
11	Bill of quantity for civil, fibre pulling, splicing & termination.	√		
12	The latitude & longitude of the residential area and last TIME manhole in 6 decimal points (xx.xxxxxx, x.xxxxxx) in TP Location Map.	√		
13	Open up the manhole at any spot of joint/ring cut & provide duct space record for this project (photo required). Please make sure that there is TIME cable in the manhole (photo required). If unable to open up the manhole, photo of manhole surrounding is required.	√		
14	Survey Acknowledgement Form signed & attached.			
15	Others			

GENERAL INFORMATION

Prepared by: Harta Unity Sdn. Bhd.

Date of LOI: XX/XX/2025

Date of Survey: 03/10/2025

Surveyed by: Ummu Kalsum bt Zamri

Drawing prepared by: Ummu Kalsum binti Zamri

Eng. Person in Charge: Mustaqim bin Aziz

General Information

Site Name:	Proposed SPUR Cable Pulling OLT Medan Ipoh Bestari – Pekeliling Tasek
Full Address:	NA
Type of Development:	NA
No. of Unit:	NA
No. of unit per row/block:	
No. of row/block per Dev.:	

Contact Person

Management/Dev Committee

Name:	N/A	H/P No.:	N/A
Designation:	N/A		
Email Address:	N/A		

Maintenance / Security Department

Name:	N/A	H/P No.:	N/A
Designation:	N/A		
Email Address:	N/A		

Comments

For TimeDotComBhd Use Only

Remarks

Technical Information	
Distance TIME existing manhole to development (first Hub-Box)	NA
MAN to CAN method	NA
Number of Hub-Box proposed	NA
Number of Sub-Box proposed	NA
Number of End-Box proposed	NA
Number of Sub-Box Port proposed	NA
Number of Closure Ringcut proposed	3 pc
Number of Distribution Cable proposed:	
1. 50m - OFC-DSC-0050	NA
2. 100m - OFC-DSC-0100	NA
3. 150m - OFC-DSC-0150	NA
4. 200m - OFC-DSC-0200	NA
5. 250m - OFC-DSC-0250	NA
6. 300m - OFC-DSC-0300	NA
OLT (Outdoor / Indoor) proposed	-
Method of CAN	-
Method of CAN exit to HomeConnect	-

Construction Details			
Descriptions	Method	Unit(s)	Quantity
Civil	HDD	meter	160
	MCT (GI)	meter	10
	MCT (HDPE)	meter	-
	OPCW	meter	-
	OPCW (MH)	meter	-
	OPGV	meter	-
	OPGV (MH)	meter	-
	Coring Drainage	each	-
Fiber Pulling			
FOC 288C	Manhole	meter	350
	Aerial	meter	-
FOC 144C	Manhole	meter	4000
	Aerial	meter	-
FOC 144C	Manhole	meter	350
	Aerial	meter	-
Others (Please Specify):			
MCT Crossing Road	GI 50mm	meter	-
	HDPE 40mm	meter	-
OPCW	HDPE 40mm	meter	40
OPCW (MH)	GI 100mm	meter	-
OPGV	HDPE 40mm	meter	-
OPGV (MH)	GI 100m	meter	-
Damage Drainage	GI 50m	meter	-
Crossing Bridge	GI 50m	meter	-

Comment:

For Contractor Use Only:

Based on our detail survey, evaluation study and due diligent conducted, we strongly proposed the above stated technical details to be implemented at this site.

For Client Use Only:

1. PROPOSAL FOR NEW FIBER PULLING

1.1 Location Map



Starting Point

Latitude: 4.620271

Longitude: 101.116902

Ending Point

Latitude: 4.609015

Longitude: 101.117723

2. APPENDIX A

2.1. Product Portfolio

TIME DOT COM CONNECTIONS FOR COMMERCIAL	
Private Data Network	<p>Our Virtual Private Network (VPN) is designed to deliver you an efficient, secured and reliable service. We provide point-to-point technology that directly connects you to your clients and employees. We ensure complete privacy and security, while at the same time, maximizing your speed and bandwidth;</p> <ul style="list-style-type: none"> ⇒ Channelized Leased Circuit ⇒ Ethernet Leased Circuit ⇒ International Private Leased ⇒ Circuit (IPLC) ⇒ Metro LAN ⇒ International Ethernet Private Leased Circuit (IEPLC)
Internet	<p>TIME Internet services allow you to connect to the world speedily with high scalability, reliability and security. Choose the best solution that suits your need and TIME will take care of the rest;</p> <ul style="list-style-type: none"> ⇒ Channelized Leased Circuit ⇒ Ethernet Direct ⇒ Business Broadband ⇒ Satellite Broadband ⇒ Home Broadband
Voice	<p>We've got a wide range of services from basic phone line with crystal clear voice quality to our account based postpaid Virtual Call service. We also provide local and international toll-free services, and even business or individual calling cards. With TIME, it's so easy to stay in touch;</p> <ul style="list-style-type: none"> ⇒ Business Voice Line ⇒ ISDN PRI ⇒ International Toll Free ⇒ Toll Free 1300 ⇒ Toll Free 1800 ⇒ Audio Conferencing ⇒ Home Fixed Line
Managed Services	<p>TIME Managed Services deliver end-to-end networking solutions. Focus on your productivity while we provide you with support possible to take your business to the next level;</p> <ul style="list-style-type: none"> ⇒ IPVPN ⇒ SAN Extension
Wholesale Service	<p>We are able to offer you unmatched capacity and network resiliency. We aim to ensure seamless connectivity and high availability, thus maximizing your operational capabilities;</p> <ul style="list-style-type: none"> ⇒ Wholesale bandwidth ⇒ Wholesale Voice (Transit Premium, Transit CLR) ⇒ Cross Peninsular Cable System (CPCS)

2.2. Drawing

- i. Site Plan
- ii. SLD








PROPOSED SLD

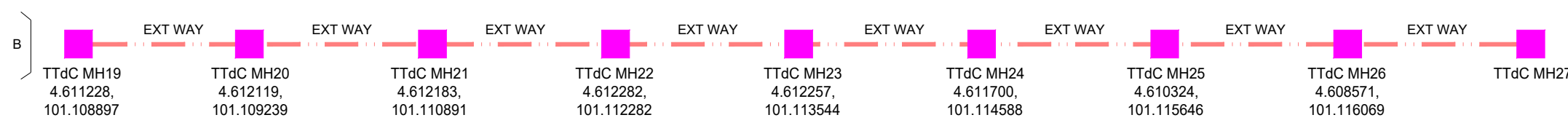
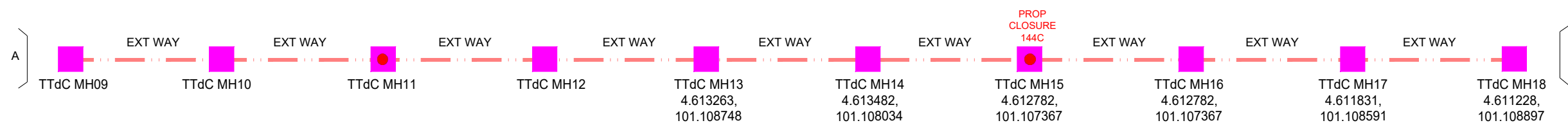
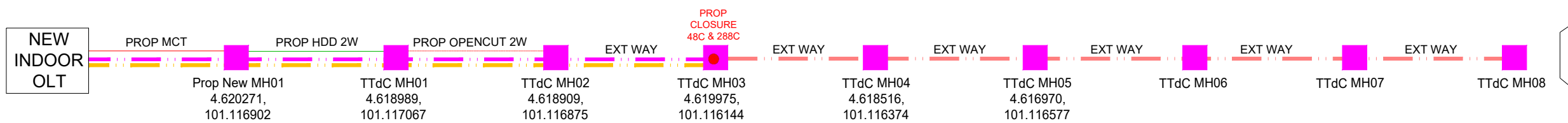
(TIME/COC/2015/001-101)

CONFIDENTIALITY

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LEGEND :-

-  = EXISTING TTdC MANHOLE
-  = BUILDING MANHOLE
-  = PROPOSED MANHOLE JRC7
-  = FOC 48C
-  = FOC 144C
-  = FOC 288C
-  = MICRO-TRENCHING
-  = HDD
-  = OPEN CUT



SCHEDULE OF QUANTITY

SYMBOL	DESCRIPTION	QTY.
	DUCT RISER	1
	PROPOSED MANHOLE JRC7	1
	FOC 48C	350m
	FOC 144C	3700m
	FOC 288C	350m
	MICRO-TRENCHING	10m
	HDD	160m
	OPEN CUT	40m

REV. NO.	REV. DATE	REV. BY



Harta Unity Sdn. Bhd. (614951-P)
 No. 67 & 67A, Laluan Meru Perdana 11
 Taman Meru Perdana 2
 31200 Chemor, Perak Darul Ridzuan.



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PROJECT TITLE:
 SPUR CABLE PULLING OLT MEDAN IPOH BESTARI – PEKELILING TASEK,
 IPOH, PERAK DARUL RIDZUAN.

DRAWING TITLE:
 PROPOSED TELECOMMUNICATION UNDERGROUND CABLE ROUTE FOR OLT
 MEDAN IPOH BESTARI – PEKELILING TASEK, IPOH.

DRAWING NO: TTdC 00000000 00000 5 SHEET NO: 1 OF 3

DRAWING SCALE: N.T.S	DRAWING UNITS: METER
PREPARED BY: UMMU	INITIAL & DATE: 9-OCT-25
DESIGNED BY: UMMU	INITIAL & DATE: 9-OCT-25
CHECKED BY:	INITIAL & DATE:
APPROVED BY:	INITIAL & DATE:

APPENDIX B

2.3. Site Photo



SHELL JALAN SULTAN AZLAN SHAH



JALAN MEDAN IPOH 1



JALAN MEDAN IPOH 1E



JALAN CANNING ESTATE

2.4 List of Road

NO	ROAD NAME	INSTALLATION METHOD
1	JALAN MEDAN BESTARI 1	HDD, Micro-trenching & MH Installation
2	JALAN MEDAN BESTARI 1E	Open-cut
3	JALAN SULTAN AZLAN SHAH	Cable Pulling
4	JALAN KOMPLEKS SUKAN	Cable Pulling
5	LEBUH RAYA 3	Cable Pulling
6	JALAN CANNING ESTATE	Cable Pulling
7	JALAN DATO LAU PAK KHUN	Cable Pulling
8	JALAN KELILING	Cable Pulling
9	PEKELILING TASEK	Cable Pulling

Contractor Details

Company : Harta Unity Sdn Bhd
 Address : No. 67 & 67A, Laluan Meru Perdana II,
 Taman Meru Perdana 2,
 31200 Chemor, Perak
 Nama Penyelia Tapak : Abdul Aziz bin Mohd Said
 No Pendaftaran CIDB : 0120041202-KD100352
 No Telefon Bimbit : 019-5265696
 Kelas Kontraktor : G7

Site Summary

1. Total Proposed MH JRC7: 1NOS
2. Micro-trenching: 10m
3. Open Cut: 40m
4. HDD: 160m