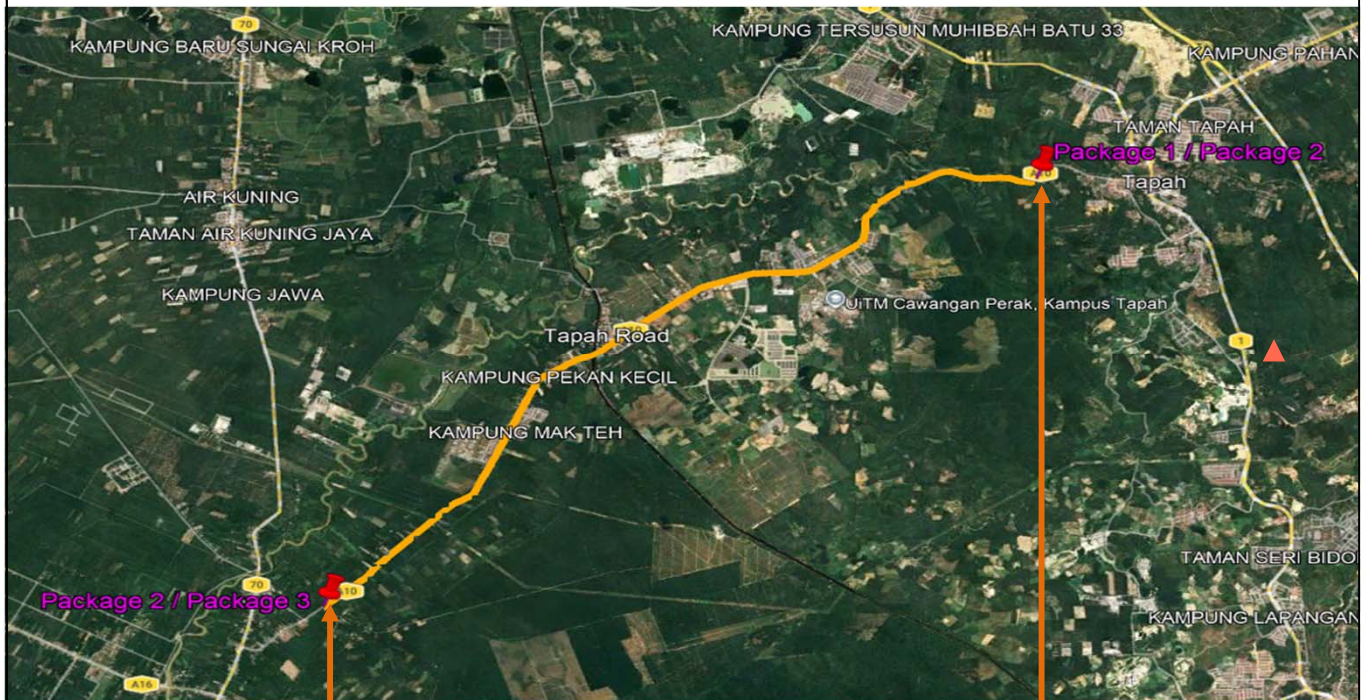


**TECHNICAL PROPOSAL
FOR
FULL TURNKEY DESIGN & BUILD 1W
UNDERGROUND CIVIL & 1x144F CABLE
PULLING INFRASTRUCTURE FROM
BIDOR TO HUTAN MELINTANG
(BIDOR – HUTAN MELINTANG– PACKAGE 2)**



**TECHNICAL PROPOSAL
FOR
FULL TURNKEY DESIGN & BUILD 1W
UNDERGROUND CIVIL & 1x144F CABLE
PULLING INFRASTRUCTURE FROM
BIDOR TO HUTAN MELINTANG
(BIDOR – HUTAN MELINTANG– PACKAGE 2)**



TABLE OF CONTENTS:

TP CHECKLIST

1. PROPOSAL FOR FIXED NETWORK ACCESS

- 1.1. TP CHECKLIST
- 1.2. CONSTRUCTION DETAILS
- 1.3. LOCATION MAP (WITH GPS COORDINATE)
- 1.4. PRODUCT PORTFOLIO

2. APPENDIX A

- 2.2. SITE PHOTO

- **PLEASE REFER ATTACHMENT**



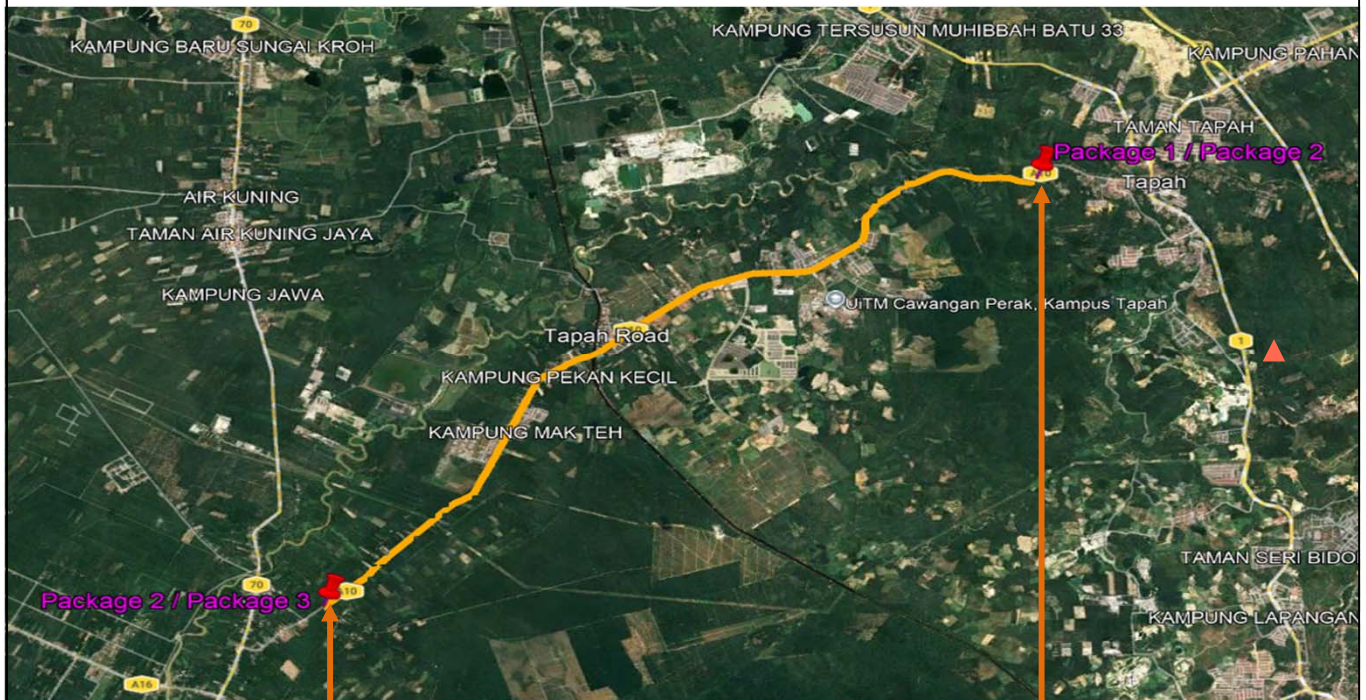
1.1 TP CHECKLIST

		YES	NO	Remarks
1	TDC existing manhole coordinate	/		
2	Existing building 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 Local Authority? Kindly indicate.	/		JKR TAPAH
9	Drawing for outside plant (OSP) survey - Building Access & civil work up to last TIME manhole (.dwg format - autocad & .pdf format) *	/		
10	Drawing for inside plant (ISP) survey - MDF up to riser (.dwg format - AutoCAD & .pdf format) *		/	
11	Prepare the complete 1 copy of Technical Proposal (.pdf format & Word Format) –of softcopy – 1 copy		/	
12	Bill of Quantity for civil, fibre pulling, splicing & termination		/	
13	The latitude & longitude of the building location, last TIME manhole and building manhole in 6 decimal points (xx.xxxxxx, x.xxxxxx) in TP Location Map.		/	
14	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.		/	
15	Survey Acknowledgement Form signed & attached.		/	
16	Others			



1.2 CONSTRUCTION DETAILS

Constructions Details			
Descriptions	Method	Unit (s)	Quantity
Civil	1W HDD	meter	15,170 m
	1W OPCW	meter	0 m
	Install Manhole JRC7	each	58 e
	Coring	each	N/A
Fiber pulling:	144F	meter	16,170m
	Exst duct	meter	N/A
	Clip on wall	meter	N/A
	New trunking	meter	N/A
	New GI pipe	meter	N/A
Connector 1C	Exst duct & pit	meter	N/A
	Clip on wall	meter	N/A
	New trunking	meter	N/A
Others (Please Specify)			



4.126163°, 101.146062°

TAPAH

4.198325°, 101.246412°

Overall Total Route (~15.17km)

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(BIDOR – HUTAN MELINTANG– PACKAGE 2)**

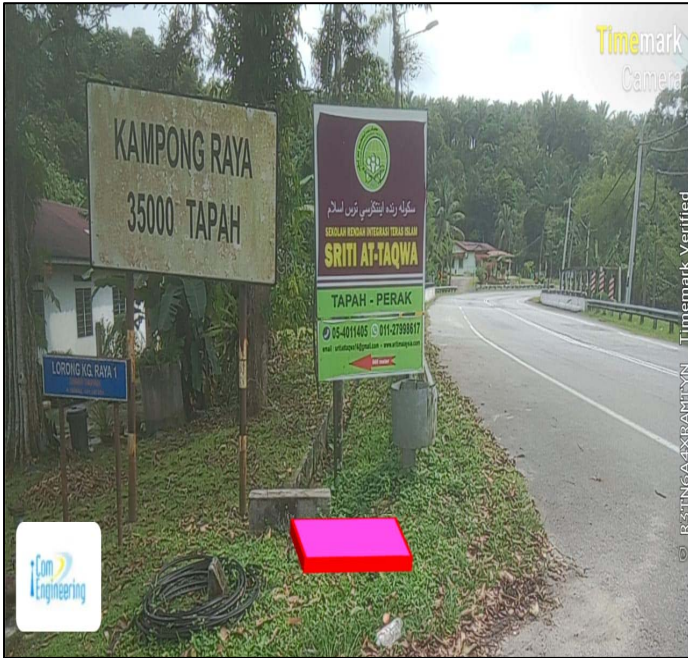


1.4 PRODUCT PORTFOLIO

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 Direct ⇒ 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)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Existing TIME MH1 (Lorong Kampung Raya)
(4.198325°, 101.246412°)



Prop New TIME MH01 (Taph)
(4.197820°, 101.243978°)



Prop New TIME MH02 (Taph)
(4.198336°, 101.242533°)



Prop New TIME MH03 (Taph)
(4.198245°, 101.239838°)



Prop New TIME MH04 (Tapan)
(4.198337°, 101.238239°)



Prop New TIME MH05 (Tapan)
(4.199302°, 101.234907°)



Prop New TIME MH06 (Tapan)
(4.198149°, 101.231927°)



Prop New TIME MH07 (Tapan)
(4.196558°, 101.228841°)



Prop New TIME MH08 (Takah)
(4.194646°, 101.226239°)



Prop New TIME MH09 (Takah)
(4.192907°, 101.225021°)



Prop New TIME MH10 (Takah)
(4.190668°, 101.224202°)



Prop New TIME MH11 (Takah)
(4.189138°, 101.224056°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH12 (Takah)
(4.186958°, 101.222157°)



Prop New TIME MH13 (Takah)
(4.185780°, 101.220485°)



Prop New TIME MH14 (Takah)
(4.184803°, 101.219114°)



Prop New TIME MH15 (Takah)
(4.183638°, 101.217285°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH16 (Tapah)
(4.183160°, 101.214296°)



Prop New TIME MH17 (Tapah)
(4.183032°, 101.211925°)



Prop New TIME MH18 (Tapah)
(4.182810°, 101.209049°)



Prop New TIME MH19 (Tapah)
(4.182192°, 101.207234°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH20 (Takah)
(4.181399°, 101.204608°)



Prop New TIME MH21 (Takah)
(4.180804°, 101.203030°)



Prop New TIME MH22 (Takah)
(4.179628°, 101.201396°)



Prop New TIME MH23 (Takah)
(4.178280°, 101.199496°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH24 (Tapah)
(4.176904°, 101.197628°)



Prop New TIME MH25 (Tapah)
(4.175837°, 101.196202°)



Prop New TIME MH26 (Tapah)
(4.175086°, 101.195208°)



Prop New TIME MH27 (Tapah)
(4.173851°, 101.193545°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH28 (Taph)
(4.172294°, 101.191797°)



Prop New TIME MH29 (Taph)
(4.170529°, 101.189668°)



Prop New TIME MH30 (Taph)
(4.169512°, 101.187687°)



Prop New TIME MH31 (Taph)
(4.168483°, 101.185654°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH32 (Takah)
(4.167649°, 101.184258°)



Prop New TIME MH33 (Takah)
(4.165794°, 101.181726°)



Prop New TIME MH34 (Takah)
(4.163143°, 101.180468°)



Prop New TIME MH35 (Takah)
(4.160565°, 101.179299°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH36 (Tapah)
(4.158558°, 101.178419°)



Prop New TIME MH37 (Tapah)
(4.157189°, 101.177792°)



Prop New TIME MH38 (Tapah)
(4.155682°, 101.177015°)



Prop New TIME MH39 (Tapah)
(4.154622°, 101.176575°)



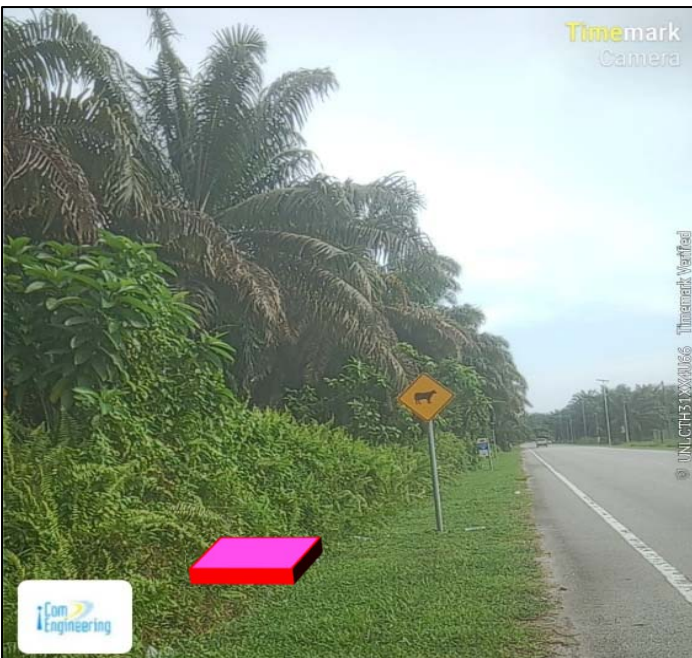
PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH40 (Taph)
(4.153354°, 101.175987°)



Prop New TIME MH41 (Taph)
(4.151874°, 101.175354°)



Prop New TIME MH42 (Taph)
(4.150990°, 101.174923°)



Prop New TIME MH43 (Taph)
(4.149713°, 101.174299°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH44 (Takah)
(4.147621°, 101.173306°)



Prop New TIME MH45 (Takah)
(4.146336°, 101.171378°)



Prop New TIME MH46 (Takah)
(4.145262°, 101.169948°)



Prop New TIME MH47 (Takah)
(4.144067°, 101.168780°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH48 (Tengah)
(4.142884°, 101.167485°)



Prop New TIME MH49 (Tengah)
(4.141597°, 101.166339°)



Prop New TIME MH50 (Tengah)
(4.140614°, 101.165323°)



Prop New TIME MH51 (Tengah)
(4.139704°, 101.164324°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH52 (Takah)
(4.138128°, 101.162756°)



Prop New TIME MH53 (Takah)
(4.136454°, 101.161152°)



Prop New TIME MH54 (Takah)
(4.134379°, 101.159542°)



Prop New TIME MH55 (Takah)
(4.133374°, 101.158374°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH56 (Tapah)
(4.131973°, 101.156743°)



Prop New TIME MH57 (Tapah)
(4.130935°, 101.155485°)



Prop New TIME MH58 (Tapah)
(4.129559°, 101.153824°)



Prop New TIME MH59 (Tapah)
(4.128166°, 101.152161°)



PROPOSED TIME MH
KAMPUNG RAYA TO KAMPUNG TANAH
PINGGIR



Prop New TIME MH60 (Tapan)
(4.126916°, 101.150389°)



Prop New TIME MH61 (Tapan)
(4.126163°, 101.149114°)