

4.126155, 101.149101

Jalan Tapah- TIME Jalan Labu Kubong

4.098232, 101.047870

Overall Total Route (~13.7km)

**TECHNICAL PROPOSAL
FOR
FULL TURNKEY DESIGN & BUILD 1W
UNDERGROUND CIVIL & 1x144F CABLE
PULLING INFRASTRUCTURE FROM BIDOR
TO HUTAN MELINTANG
(BIDOR – HUTAN MELINTANG –
PACKAGE 3)**



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TP CHECKLIST

1. PROPOSAL FOR FIXED NETWORK ACCESS

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- 1.3. LOCATION MAP (WITH GPS COORDINATE)
- 1.4. PRODUCT PORTFOLIO

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- 2.1. DRAWING
- 2.2. SITE PHOTO

- **PLEASE REFER ATTACHMENT**



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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.		/	
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			

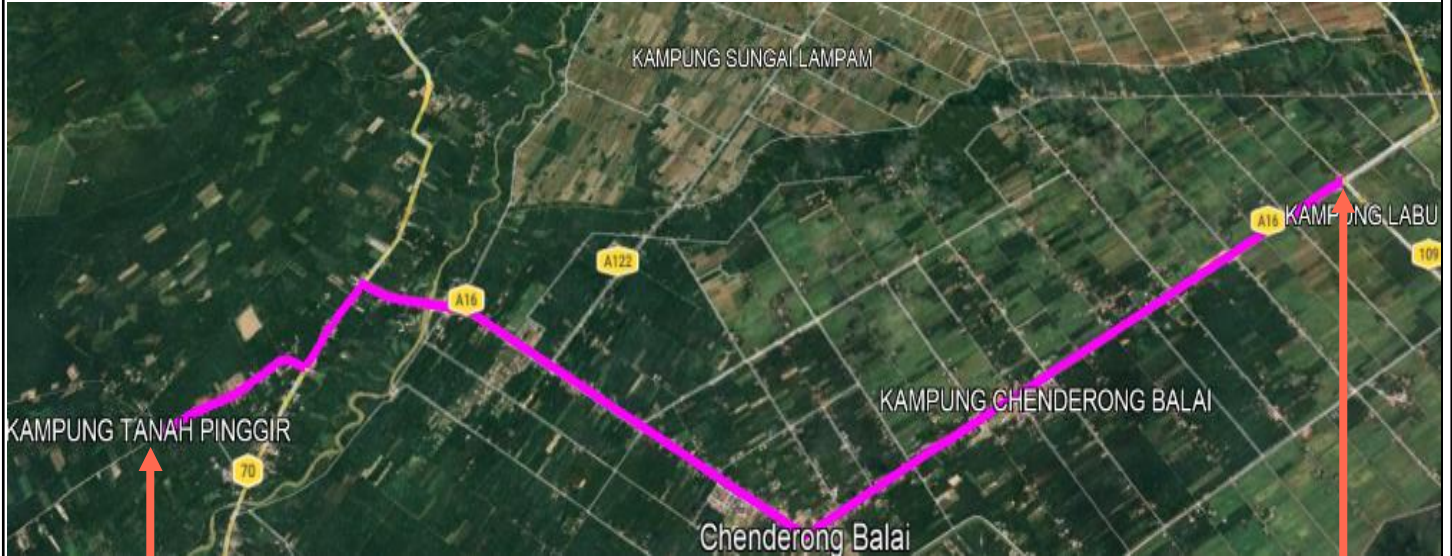


1.2 CONSTRUCTION DETAILS

Constructions Details			
Descriptions	Method	Unit (s)	Quantity
Civil	1W HDD	meter	13,780 m
	1W OPCW	meter	0 m
	Install Manhole JRC7	each	58 e
	Coring	each	N/A
Fiber pulling:	144F	meter	15,000m
	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)			



1.3 LOCATION MAP



4.126155, 101.149101

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PROPOSAL FOR
FULL TURNKEY DESIGN & BUILD 1W
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1.4 PRODUCT PORTFOLIO

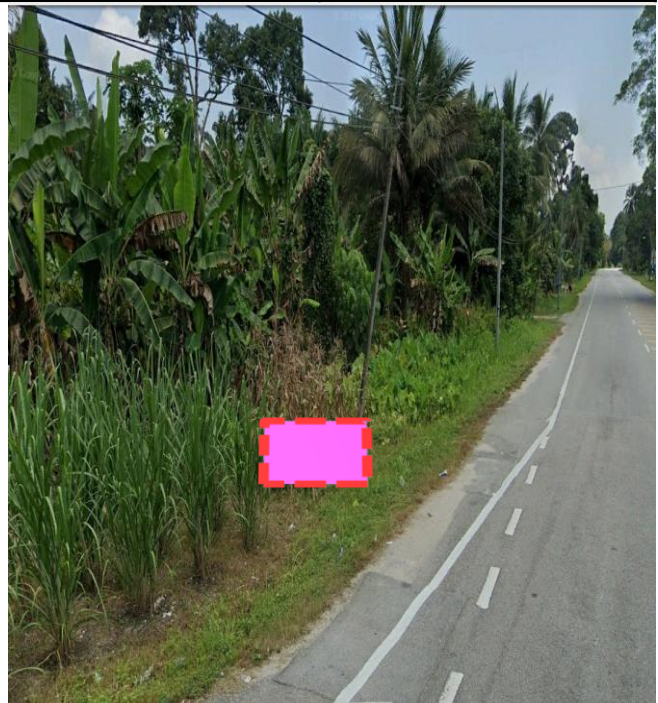
TIME DOT COM CONNECTIONS FOR COMMERCIAL	
Private Data Network	<p>Our Virtual Private Network (VPN) is designed to deliver you an efficient, secured and reliable service. We provide point-to-point technology that directly connects you to your clients and employees. We ensure complete privacy and security, 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
JALAN TAPAH TO TIME JALAN KAMPAR –
CHANGKAT JONG



Existing TIME MH1 (Jalan Tapah)
(4.126155, 101.149101)



Prop New TIME MH 1 (Jalan Tapah)
4.124967, 101.147782)



Prop New TIME MH 2 (Jalan Tapah)
(4.123641, 101.146566)



Prop New TIME MH 3 (Jalan Tapah)
(4.122472, 101.145205)

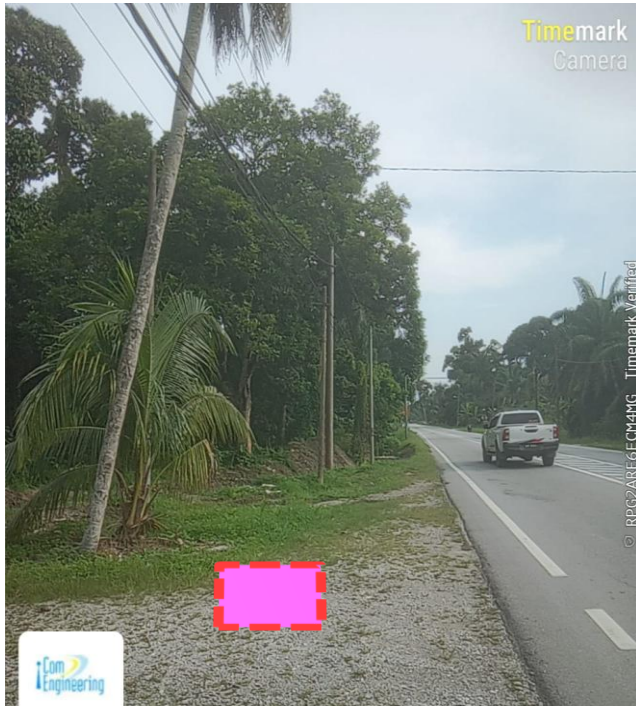
PROPOSED TIME MH
JALAN TAPAH TO TIME JALAN KAMPAR –
CHANGKAT JONG



Prop New TIME MH 4 (Jalan Tapah)
(4.123060, 101.143236)



Prop New TIME MH 5 (Jalan Tapah)
(4.121126, 101.142558)

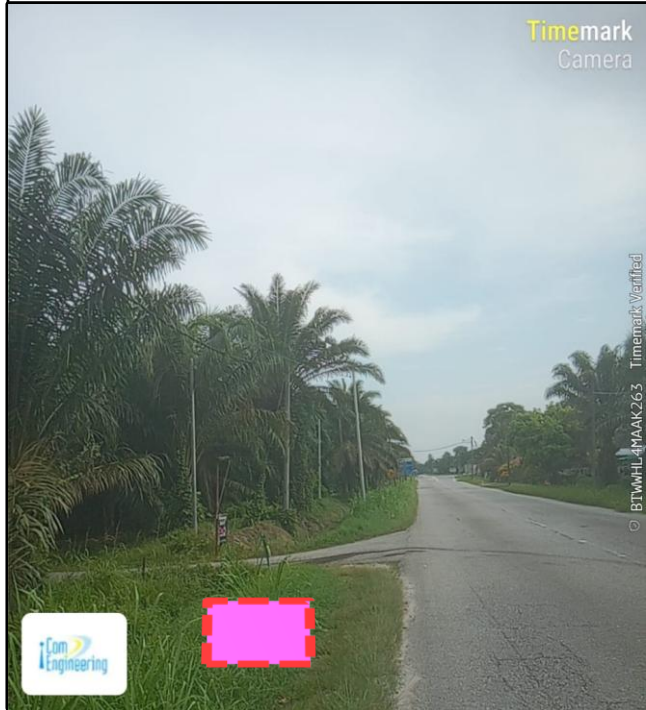


Prop New TIME MH 6 (Jalan Tapah)
(4.119021, 101.141972)



Prop New TIME MH 7 (Jalan Kampar-
Changkat Jong)
(4.117049, 101.141098)

PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 8
(Jalan Kampar-Changkat Jong)
(4.115069, 101.140186)



Prop New TIME MH 9
(Jalan Kampar-Changkat Jong)
(4.115901, 101.138183)

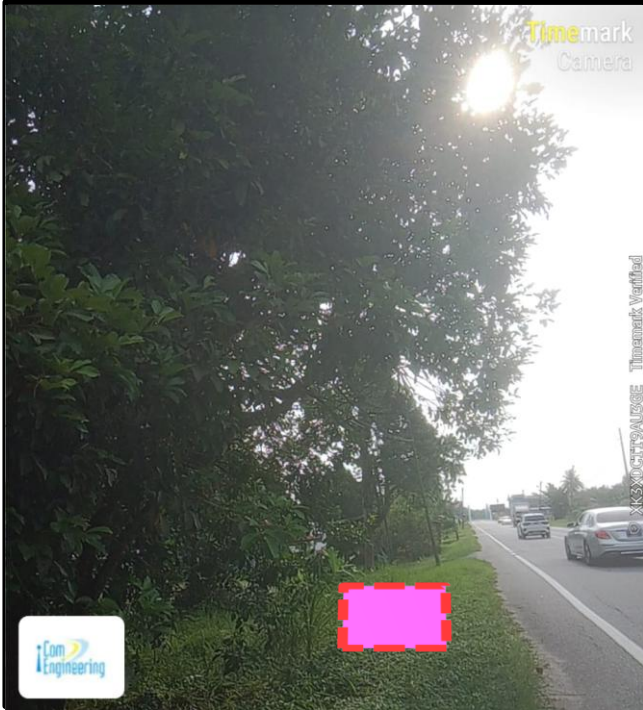


Prop New TIME MH 10
(Jalan Kampar-Changkat Jong)
(4.116346, 101.136080)

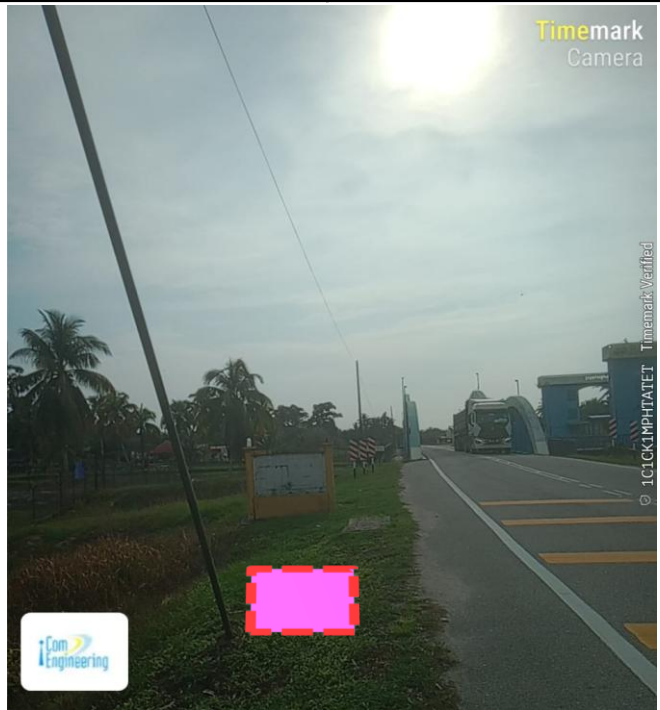


Prop New TIME MH 11 (Jalan Labu Kubong)
(4.116579, 101.133923)

PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 12 (Jalan Labu Kubong)
(4.116814, 101.131777)



Prop New TIME MH 13 (Jalan Labu Kubong)
(4.117208, 101.129647)



Prop New TIME MH 14 (Jalan Labu Kubong)
(4.118164, 101.127729)



Prop New TIME MH 15 (Jalan Labu Kubong)
(4.119122, 101.125821)

PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 16 (Jalan Labu Kubong)
(4.120239, 101.123930)



Prop New TIME MH 17 (Jalan Labu Kubong)
(4.121295, 101.122018)

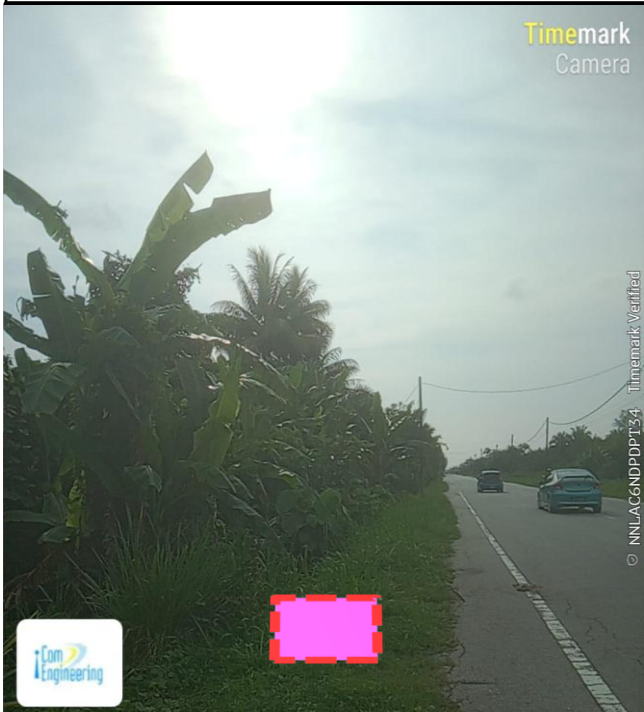


Prop New TIME MH 18 (Jalan Labu Kubong)
(4.122326, 101.120118)



Prop New TIME MH 19 (Jalan Labu Kubong)
(4.123335, 101.118205)

PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 20 (Jalan Labu Kubong)
(4.124457, 101.116326)



Prop New TIME MH 21 (Jalan Labu Kubong)
(4.125449, 101.114411)



Prop New TIME MH 22 (Jalan Labu Kubong)
(4.126486, 101.112510)



Prop New TIME MH 23 (Jalan Labu Kubong)
(4.127581, 101.110604)

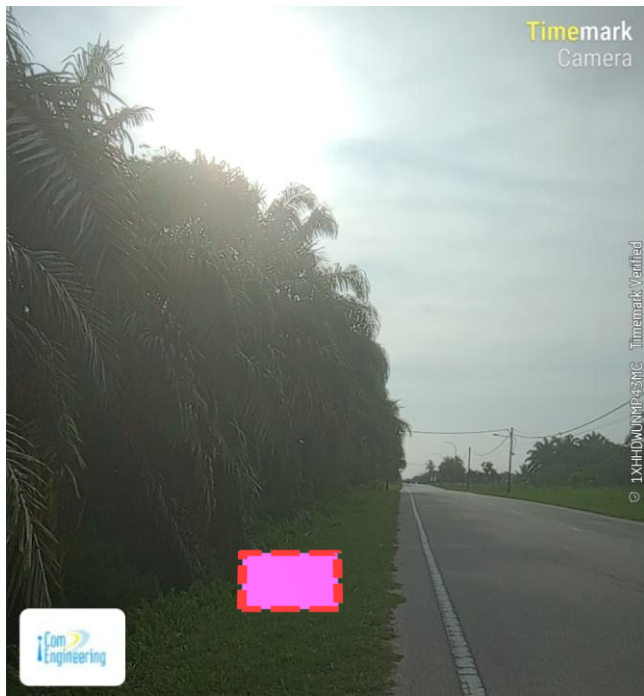
PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



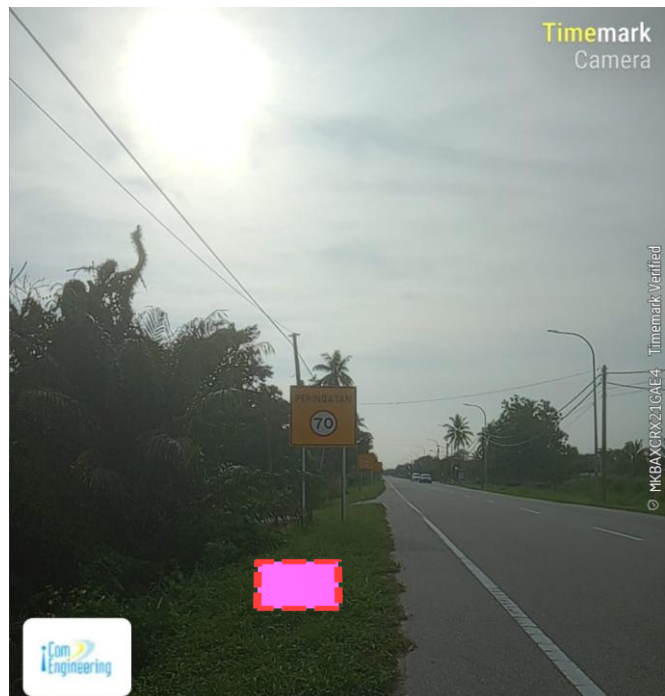
Prop New TIME MH 24 (Jalan Labu Kubong)
(4.128588, 101.108694)



Prop New TIME MH 25 (Jalan Labu Kubong)
(4.129595, 101.106772)

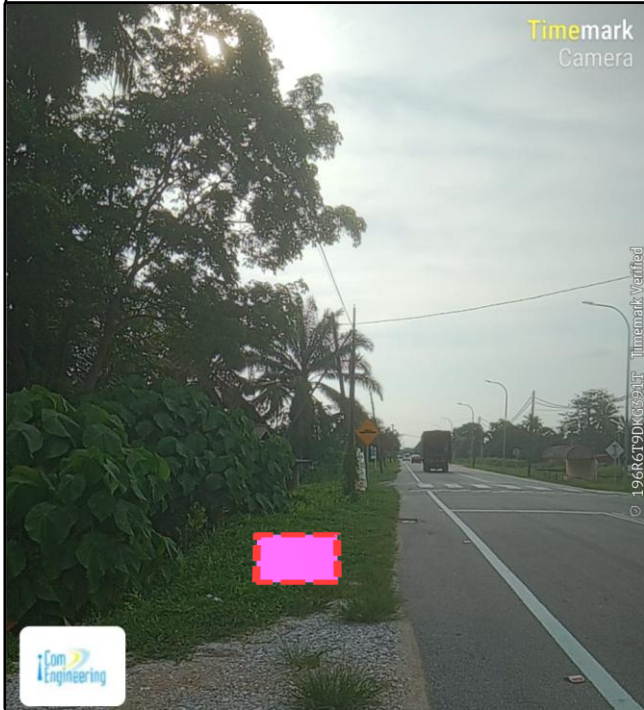


Prop New TIME MH 26 (Jalan Labu Kubong)
(4.130643, 101.104877)



Prop New TIME MH 27 (Jalan Labu Kubong)
(4.131718, 101.102974)

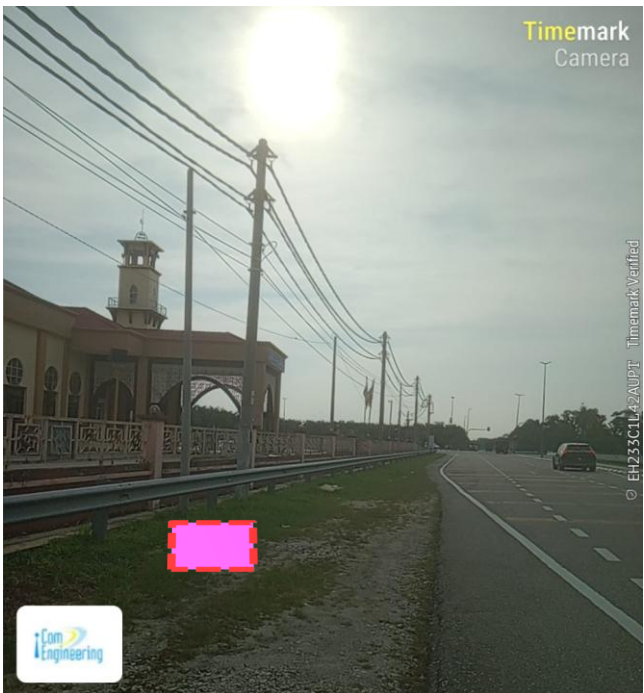
PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 28 (Jalan Labu Kubong)
(4.132749, 101.101061)



Prop New TIME MH 29 (Jalan Labu Kubong)
(4.133726, 101.099123)

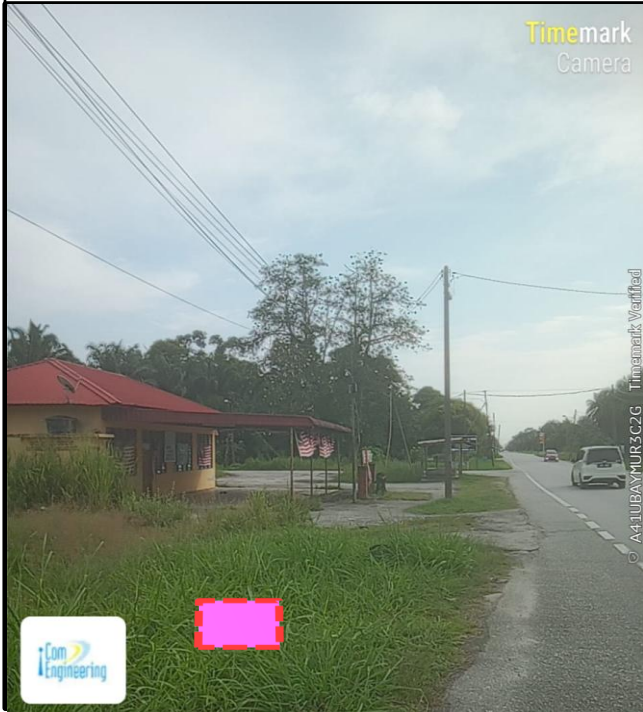


Prop New TIME MH 30 (Jalan Labu Kubong)
(4.133161, 101.097396)



Prop New TIME MH 31 (Jalan Labu Kubong)
(4.131933, 101.095613)

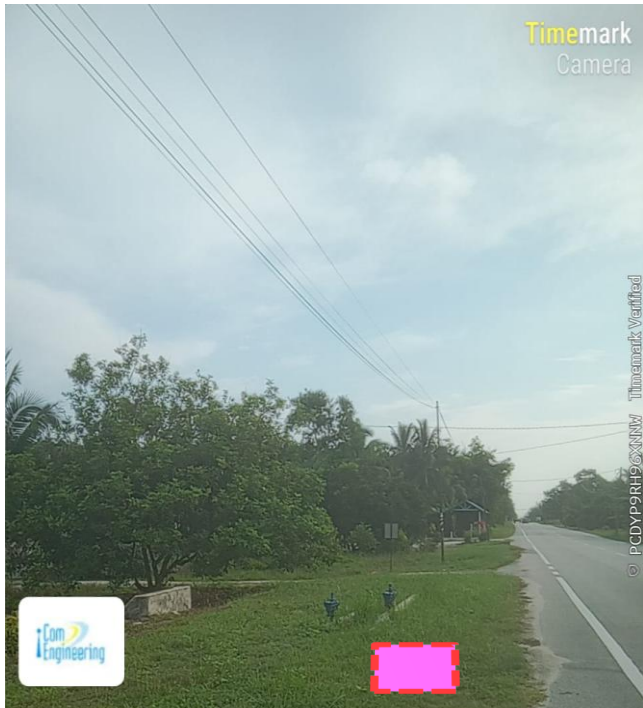
PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 32 (Jalan Labu Kubong)
(4.130667, 101.093820)



Prop New TIME MH 33 (Jalan Labu Kubong)
(4.129322, 101.092121)

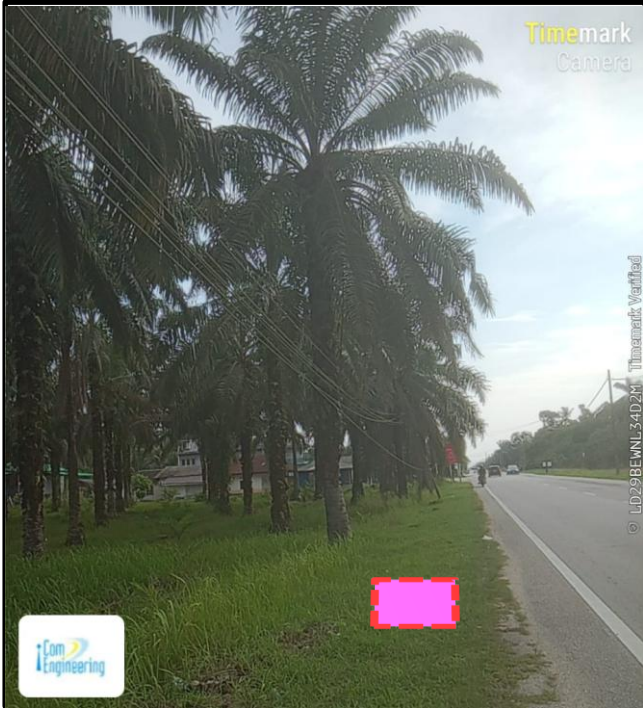


Prop New TIME MH 34 (Jalan Labu Kubong)
(4.128102, 101.092290)



Prop New TIME MH 35 (Jalan Labu Kubong)
(4.126821, 101.088500)

PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 36 (Jalan Labu Kubong)
(4.125602, 101.086757)



Prop New TIME MH 37 (Jalan Labu Kubong)
(4.124335, 101.084987)

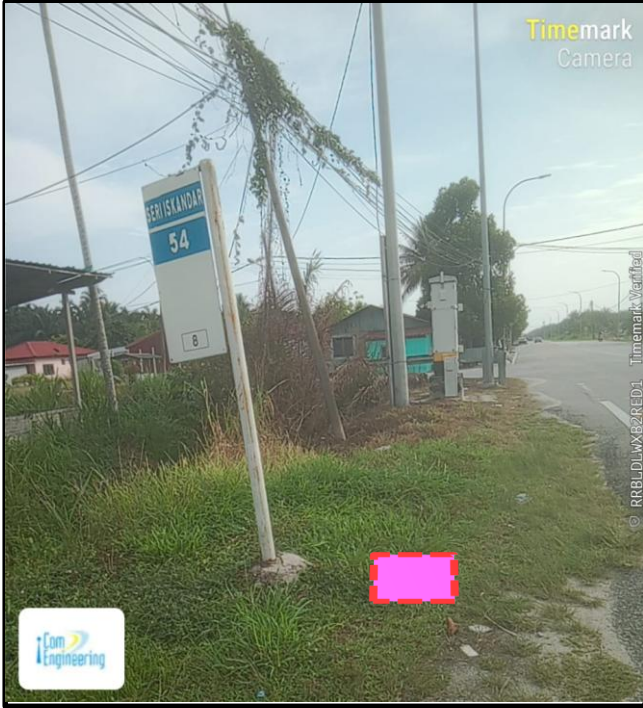


Prop New TIME MH 38 (Jalan Labu Kubong)
(4.123046, 101.083265)



Prop New TIME MH 39 (Jalan Labu Kubong)
(4.121816, 101.081426)

PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 40 (Jalan Labu Kubong)
(4.120615, 101.079621)



Prop New TIME MH 41 (Jalan Labu Kubong)
(4.119377, 101.077848)



Prop New TIME MH 42 (Jalan Labu Kubong)
(4.118082, 101.076080)

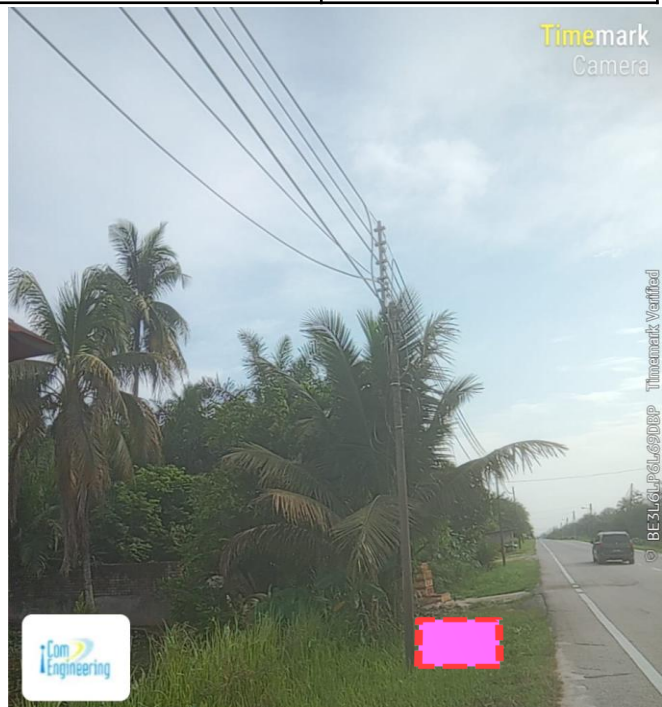


Prop New TIME MH 43 (Jalan Labu Kubong)
(4.116819, 101.074310)

PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 44 (Jalan Labu Kubong)
(4.115589, 101.072519)



Prop New TIME MH 45 (Jalan Labu Kubong)
(4.114364, 101.070737)



Prop New TIME MH 46 (Jalan Labu Kubong)
(4.113075, 101.068974)



Prop New TIME MH 47 (Jalan Labu Kubong)
(4.111837, 101.067218)

PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



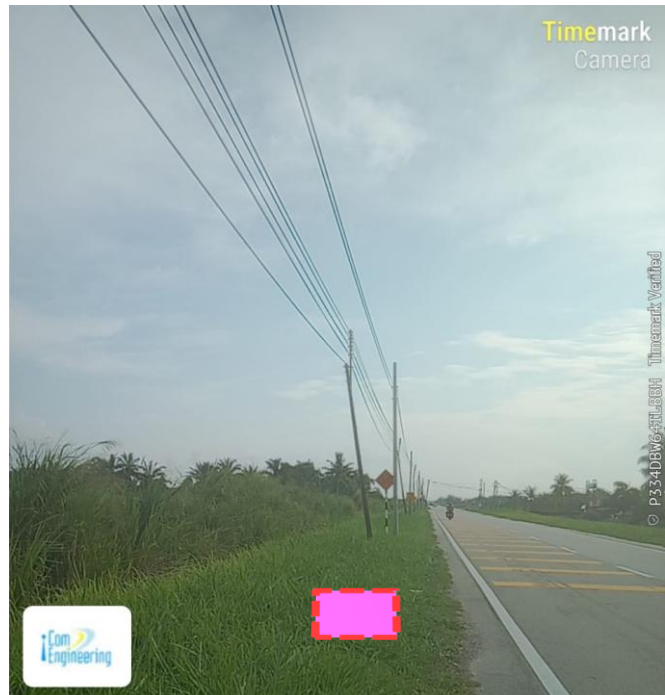
Prop New TIME MH 48 (Jalan Labu Kubong)
(4.110579, 101.065424)



Prop New TIME MH 49 (Jalan Labu Kubong)
(4.109330, 101.063632)



Prop New TIME MH 50 (Jalan Labu Kubong)
(4.108068, 101.061872)



Prop New TIME MH 51 (Jalan Labu Kubong)
(4.106788, 101.060116)

PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 52 (Jalan Labu Kubong)
(4.105456, 101.058309)



Prop New TIME MH 53 (Jalan Labu Kubong)
(4.104309, 101.056469)



Prop New TIME MH 54 (Jalan Labu Kubong)
(4.103039, 101.054679)



Prop New TIME MH 55 (Jalan Labu Kubong)
(4.101545, 101.052960)

PROPOSED TIME MH
JALAN KAMPAR – CHANGKAT JONG TO
TIME JALAN LABU KUBONG



Prop New TIME MH 56 (Jalan Labu Kubong)
(4.100251, 101.051199)



Prop New TIME MH 57 (Jalan Labu Kubong)
(4.099158, 101.049405)



Prop New TIME MH 58 (Jalan Labu Kubong)
(4.098232, 101.047870)