



MALAYSIAN COMMUNICATIONS AND MULTIMEDIA COMMISSION

**INVITATION TO REGISTER INTEREST AND SUBMIT A DRAFT UNIVERSAL
SERVICE PLAN**

AS A

**UNIVERSAL SERVICE PROVIDER
UNDER THE COMMUNICATIONS AND MULTIMEDIA (UNIVERSAL SERVICE
PROVISION) REGULATIONS 2002**

**FOR THE INSTALLATION OF NETWORK FACILITIES AND DEPLOYMENT OF
NETWORK SERVICE FOR THE PROVISIONING OF PUBLIC CELLULAR
SERVICES AT THE UNIVERSAL SERVICE TARGETS UNDER THE NATIONAL
FIBERISATION AND CONNECTIVITY PLAN 2 (NFCP 2) INITIATIVE**

Ref: MCMC/USPD/PDUD(01)/NFCP2/TC/11/19(09)

Date: 15 November 2019

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ABBREVIATIONS

3GPP	-	3 rd Generation Partnership Project
AC	-	Alternating Current
BOQ	-	Bill of Quantity
HSPA	-	High Speed Packet Access
ID	-	Identification
KPI	-	Key Performance Index
LAT	-	Latitude
LONG	-	Longitude
LTE	-	Long Term Evolution
MOCN	-	Multi Operator Core Network
MORAN	-	Multi Operator Radio Access Network
NFP(I)	-	Network Facilities Provider Individual Licence
NSP(I)	-	Network Service Provider Individual Licence
RAN	-	Radio Access Network
Ref	-	Reference
RNC	-	Radio Network Controller
SEB	-	Sarawak Energy Berhad
SESB	-	Sabah Electricity Sdn Bhd
TNB	-	Tenaga Nasional Berhad
UMTS	-	Universal Mobile Telecommunications Service
USP	-	Universal Service Provision
UST	-	Universal Service Target

INTERPRETATION

Any terms or words used in this Invitation shall, unless expressly stated or if the context otherwise requires, have the same meaning as provided in the Communications and Multimedia Act 1998 [(Act 588)] (“Act”), all subsidiary legislation and instruments issued, made or given by the Minister or the Commission.

- a) “3G” means UMTS HSPA compliant to 3GPP Release 8 or later.
- b) “4G” means LTE compliant to 3GPP Release 10 or later.
- c) “Approved Universal Service Plan” means the Draft Universal Service Plan (as defined herein) that has been approved by the Commission as specified under regulation 8 of the USP Regulations.
- d) “Bill of Quantity or BOQ” means a customised document proposed by the Interested Licensee to the Commission in which materials, parts, equipment and cost of labour are itemised. The BOQ is to be priced in Ringgit Malaysia and shall be inclusive of any applicable tax imposed by the Government of Malaysia. The sum of the amount shown in the BOQ shall represent the total cost for each site in every cluster.
- e) “Commission” means the Malaysian Communications and Multimedia Commission established under the Malaysian Communications and Multimedia Commission Act 1998 [(Act 589)].
- f) “Completion Date” means the date(s) on which the Designated Universal Service Provider has completed the scope of work(s) pursuant to the project milestones stipulated in the claim schedule in **Appendix 8** of this Invitation.
- g) “Completion Report” means a report to be compiled and maintained by the Designated Universal Service Provider on the date of declaration of the services going “on air¹” at a particular site in the specified location to the Commission, for the whole tenure of the Project (as long as claims are made from the USP Fund). The contents of the Completion Report are specified in item 10, subparagraph 3.5 of this Invitation.

¹ Service availability for public cellular coverage at the site

- h) “Declaration” means a self-declaration made by the Chief Executive Officer or a person who holds an equivalent designation in the Designated Universal Service Provider that the scope of work for each stage as stipulated in the claim schedule in **Appendix 8** of this Invitation, has been delivered in accordance to the Approved Universal Service Plan and that all representations and information furnished to the Commission in the self-declaration are accurate and true.
- i) “Designated Universal Service Provider” means any Interested Licensee (as defined herein) designated by the Commission under regulation 9 of the USP Regulations pursuant to this Invitation.
- j) “Draft Universal Service Plan” means a draft of the Universal Service Plan submitted by the Interested Licensee as specified under regulation 6 of the USP Regulations.
- k) “Interested Licensee” means any person who holds a valid Network Facilities Provider Individual Licence and a Network Service Provider Individual Licence respectively under the Act, meets the eligibility criteria set pursuant to subregulation 5(2) (ga) of the USP Regulations, and registers its interest to respond to this Invitation.
- l) “Letter of Intent” means a letter issued by the Commission to the Interested Licensee signifying the intent of the Commission to designate the Interested Licensee as the Designated Universal Service Provider for this Project, for the purposes of outlining the understanding between the Commission and the said Interested Licensee, prior to the formalisation of all terms and conditions for this Project in the Notification of Approval (as defined herein).
- m) “Licensee” means a person who holds an individual or class licence under the Act.
- n) “Network service equipment” includes, but is not limited to 3G and 4G radio equipment, rectifier system, backup battery, intruder alarm system, outdoor equipment cabinet, backhaul transmission system, antenna system, horizontal gantry, RNC, and AC power distribution board system.
- o) “Notification of Approval” means a notification issued by the Commission to the Designated Universal Service Provider pursuant to regulation 9 of the USP Regulations.
- p) “Public cellular services” means an applications service involving a network of base stations or cells for the delivery of voice and data communications.

- q) “Relevant authorities” includes, but is not limited to the Department of Orang Asli Development (JAKOA), the Fire and Rescue Department of Malaysia, the Civil Aviation Authority of Malaysia, Tenaga Nasional Berhad, the Department of Survey and Mapping Malaysia, the Forestry Department and local authorities.
- r) “Site” in the context of this Invitation means one tower or multiple towers for the provisioning of public cellular services at the specified location in the UST, and at any adjacent location(s) to the specified location in the UST.
- s) “Tower and its ancillaries” consists of passive infrastructure elements that are necessary to support the operations and provisioning of services which must include the tower structure and may include the concrete base, concrete plinth for the outdoor equipment, generator set plinth, premix area/reinforced concrete, perimeter drainage, fence and gate, electrical pit, basic grounding and earthing system, where applicable. It may also include the passive elements on the tower structure that are necessary to support the operations and provisioning of services which may include a vertical gantry, fall arrest system, stainless steel lightning arrestor, anti-climb devices consisting of cage and barb wire, aircraft warning lights brackets for aviation lights and lightning arrestor.
- t) “Sustainable energy” means the usage of sources of energy that are clean and renewable, with no or minimal adverse impact on the environment.
- u) “Universal Service Target or UST” means an underserved area and/or an underserved group within the community.
- v) “USP Regulations” means the Communications and Multimedia (Universal Service Provision) Regulations 2002.
- w) “Work” means the entire scope of work to be undertaken and completed by the Designated Universal Service Provider pursuant to the Approved Universal Service Plan and the Notification of Approval issued by the Commission.

SECTION I – INTRODUCTION

1. BACKGROUND

- 1.1 This USP initiative is part of the Commission’s efforts to plan and implement universal service provision in Malaysia, in accordance with the objectives as specified in subregulation 3(1) of the USP Regulations.
- 1.2 The Commission has pursuant to subregulation 4(1) of the USP Regulations, specified Universal Service Targets under Notification Ref. No: NT/USP/2/02, Ref. No: NT/USP/1/04, Ref. No: NT/USP/08/01, and Ref. No: NT/USP/01/11.
- 1.3 This Invitation is made pursuant to subregulations 3(1), 5(1) and 5(2) of the USP Regulations (“Invitation”) to invite all Licensees to register their interest to be the Designated Universal Service Provider, for the installation of network facilities and deployment of network service for the provisioning of public cellular services (“Project”) at the locations specified in **Appendix 1** of this Invitation.
- 1.4 The Interested Licensee is required to propose to the Commission the best network design to serve the locations. As such, under this Invitation, the provision of network services to be provided shall be voice and data services on minimum 3G and 4G services with an average speed of 30Mbps, via RAN sharing, by the Designated Universal Service Provider.
- 1.5 This Project is also aligned to the objectives and targets set out in the National Fiberisation and Connectivity Plan (NFCP) to increase cellular coverage from 95% to 98% of populated areas by 2023 in Malaysia.
- 1.6 The latitude(s) and longitude(s) provided in **Appendix 1** of this Invitation are meant to serve as a reference point only to enable the Interested Licensee to identify the **said locations** in the relevant USTs [please see the column with the title **‘Specified Location in the UST’** in the tables for each cluster in **Appendix 1**]. It is also meant to facilitate planning on the part of the Interested Licensee for the provisioning of public cellular services for the population at any suitable adjacent locations from the **‘Specified Location in the UST’** in **Appendix 1**. The Interested Licensee shall be required to optimise the network design and the installations for this purpose to be as cost effective as possible. The locations identified are underserved areas in the Notification(s) published by the Commission, as stated in subparagraph 1.2 above.

SECTION II – DESCRIPTION OF SCOPE OF WORK

2. GENERAL DESCRIPTION OF THE FACILITIES AND SERVICES TO BE PROVIDED

2.1 The network facilities and network services to be provided under this Invitation are as follows:

- a) To design, supply and install tower(s) and its ancillaries; and
- b) To design, supply, install, test, commission and operate network service equipment and services related to providing minimum 3G and 4G services under the concept of RAN sharing.

3. SCOPE OF WORK

3.1 This scope of work describes the requirements, timeline, documents and reports for the Designated Universal Service Provider. The Interested Licensee shall understand, comply with and fulfil all obligations specified herein.

A. Technical Specifications

3.2 In preparing a comprehensive technical proposal for this Project, the Interested Licensee shall study, conduct a site survey and site evaluation for the purposes of installing network facilities and deploying network services to cost effectively provide coverage at the specified locations(s) in the UST and at any adjacent locations within the same UST, by taking into consideration the population coverage and distribution at all locations.

3.3 In relation to subparagraph 3.2 above, the Interested Licensee shall be required to submit the following information in its Draft Universal Service Plan:

- a) The list of adjacent locations that has limited and/or no public cellular coverage in addition to each of the specified location(s) in the USTs;
- b) The number of network facilities (in this context, the number of tower(s) that are proposed for deployment under this Invitation) with network services that are required to be deployed to provide cellular coverage for the said locations;
- c) The exact latitude and longitude for each tower that is proposed to be deployed;

- d) The specific locations within the identified UST that will be served via cellular coverage by a particular tower;
- e) The population coverage and distribution within the identified UST that will be served by a particular tower;
- f) The source of power supply to be utilised shall be through commercial power supply or other energy sources. The Interested Licensee is strongly encouraged to utilise sustainable energy source(s); and
- g) Comprehensive information on the site(s) and what is required for service provisioning at the location(s), such as the distance to the access road, land title and ownership details, relevant local authority requirements, double handling information and availability of backhaul transmission (fibre connection, microwave or non-terrestrial means).

3.4 The Interested Licensee shall propose to the Commission the most optimal network design to provide coverage to the population (by specifically taking into consideration the population distribution) at all the locations, as specified in **Appendix 1** of this Invitation. The Interested Licensee shall customise the BOQ for each location in every cluster by offering cost effective, competitively priced, technologically and environmentally sustainable solutions that improve the efficiency of the investments made via the Universal Service Provision Fund (“USP Fund”). Customisation shall include, but is not limited to the tower height, weight, choice of building materials used, and the site layout, taking into consideration the population density, capacity and coverage requirements of a particular site, and the specifications provided in this Invitation.

B. Detailed Scope of Work

3.5 The Designated Universal Service Provider shall be responsible for, but not limited to the following:

No	Detailed scope of work
1	Conduct site survey and site evaluation
2	Land acquisition and completion of tenancy agreement with the relevant land owner(s)
3	Obtain all the necessary approvals from the local authority or other relevant authorities before commencing the Project
4	Installation of tower(s) and its ancillaries in accordance with the Approved Universal Service Plan

No	Detailed scope of work
5	Application and installation of uninterrupted power supply including installation of necessary infrastructure (example poles and cables) to ensure availability of services at all times
6	The network and transmission shall be designed to support the required capacity for minimum 3G and 4G services
7	Installation of network service equipment
8	Interoperability and integration with other cellular mobile networks
9	Testing and commissioning of the entire network, which shall encompass the radio equipment at a particular site up to the core network
10	<p>The Completion Report shall be submitted by the Designated Universal Service Provider upon request by the Commission. When a particular site is “on air”, the Designated Universal Service Provider shall furnish the Commission with a self-declaration signed by its Chief Executive Officer or a person who holds an equivalent designation in the Designated Universal Service Provider in the form and format as specified by the Commission.</p> <p>The Completion Report shall consist of the as built drawing(s) endorsed by a Professional Engineer (PE), soil investigation report(s) if relevant, cube test result(s), a copy of the relevant local authority approval and approvals from other related agencies, a copy of the tenancy agreement, technical site survey report, overall site design, tower structure view, panoramic view from top of tower, detailed backhaul information and relevant document(s), electrical and earthing system, power supply information and relevant document(s), original single site optimisation report which shall include but is not limited to the voice call test, throughput test, coverage measurement and other relevant test(s) in accordance to the requirements stipulated in this Invitation, overall site photo(s) including equipment installed and a detailed BOQ for the relevant site.</p> <p>For the avoidance of doubt, the Designated Universal Service Provider shall furnish the Commission with a self-declaration signed by its Chief Executive Officer or a person who holds an equivalent designation in the Designated Universal Service Provider in the form and format as specified by the Commission, for the completion of work for every project milestone for CAPEX and OPEX, as shown in Appendix 8.</p>

No	Detailed scope of work
11	Undertake operations and maintenance for five (5) years (“Operational Period”) from the Completion Date.
12	Submission of operations and maintenance report to the Commission, which consists of the network performance report, KPI chart, daily uptime report, maintenance schedule, and backhaul capacity usage, in the form and format specified by the Commission.

- 3.6 Access to Infrastructure Sharing² shall be provided at all times by the Designated Universal Service Provider to avoid duplication of infrastructure, lower barriers to entry, and enhance competition with the aim of enabling end-users to enjoy choice, affordable and innovative retail services.
- 3.7 Access to Infrastructure Sharing shall be provided on a “first come, first served” basis. All infrastructure deployed by the Designated Universal Service Provider shall be capable of serving a minimum of four (4) cellular mobile service providers.
- 3.8 The Commission Determination on Access List (Determination No. 2 of 2015) and the Commission Determination on the Mandatory Standard on Access (Determination No. 3 of 2016) and any revisions made thereafter shall be applicable here.
- 3.9 During the Operational Period, the Designated Universal Service Provider shall not impose any charges to any other service providers which seek access to Infrastructure Sharing at all locations specified in this Invitation, as claims are made from the USP Fund for the operating expenditure. Upon the cessation of the Operational Period when no claims are made from the USP Fund for the operating expenditure by the Designated Universal Service Provider, the latter can impose reasonable charges to cover operational expenditure for access to Infrastructure Sharing.
- 3.10 The Designated Universal Service Provider shall provide uninterrupted permanent power supply from the power supply provider, i.e. SEB, SESB or TNB, which include installation of any necessary infrastructure to ensure availability of services at all times. In the event there is no permanent power supply, an alternative cost effective power supply must be installed to provide uninterrupted power supply and ensure availability of services at all times.

² Please refer to definitions and interpretation explained in the Commission Determination on the Mandatory Standard on Access, Determination No. 3 of 2016

- 3.11 The Interested Licensee shall provide a detailed design of a RAN sharing solution system that shall include, but is not limited to the following:
- a) Use a suitable RAN sharing solution that is capable of providing minimum 3G and 4G services with average speed of 30Mbps, and is capable of supporting a minimum of four (4) cellular mobile service providers for the provisioning of public cellular services;
 - b) Support specifications, protocols, and relevant services currently being used and offered by cellular mobile service providers; and
 - c) Ensure that the usage of the spectrum for the provisioning of the public cellular services is undertaken only after the issuance of the requisite Apparatus Assignment and/or Spectrum Assignment in accordance with the Act, the Communications and Multimedia (Spectrum) Regulations 2000 ("Spectrum Regulations"), the Spectrum Plan, the Standard Radio System Plan ("SRSP") and any other relevant standards as and when issued by the Commission.
- 3.12 The Interested Licensee shall provide a detailed description in the Draft Universal Service Plan of the proposed solution for interoperability and interconnection for the provisioning of public cellular services.
- 3.13 The Designated Universal Service Provider is required to submit all undertaking(s) or duly signed and stamped partnership agreements between the Designated Universal Service Provider and/or other established public cellular service providers, which hold radio spectrum for the provisioning of public cellular services (3G and 4G services) through any RAN sharing approach, and the public cellular service providers must be able and willing to offer retail services. A certified true copy of the partnership agreements shall be furnished to the Commission within one hundred twenty (120) days from the commencement date of this Project.
- 3.14 The Designated Universal Service Provider shall make a written request to network facilities provider(s) and network service provider(s) to gain access to its network facilities or network service to achieve the interoperability and interconnection for the purposes of RAN sharing.
- 3.15 Electronic equipment installed by the Designated Universal Service Provider shall be in accordance to the Approved Universal Service Plan.

- 3.16 The network services and interconnection with the networks of other licensed service providers shall be made available at all times, under any circumstances by the Designated Universal Service Provider.
- 3.17 The Designated Universal Service Provider shall be responsible to provide warranties and insurance for the items stipulated below:

Warranty

- a) Tower(s) structure – period of warranty as provided by the tower manufacturer/supplier to be disclosed clearly in writing to the Commission; and
- b) Tower(s) ancillaries, and network service equipment – period of warranty for a minimum of five (5) years from the Completion Date to the Commission, by the Designated Universal Service Provider.

Insurance

- c) Pursuant to paragraph 18 of the Commission Determination on Universal Service Provision (Determination No. 6 of 2002), the ownership of the tower(s) and facilities at the USTs vests with the Designated Universal Service Provider from the inception of this Project.
 - d) The Designated Universal Service Provider is required to make necessary measures to plan for contingencies at its own cost, such as the purchase and maintenance of all relevant insurances (including, but not limited to insuring all assets, and having adequate public liability insurance coverage). The relevant insurances must also be procured and maintained at all times by the Designated Universal Service Provider, both during implementation and subsequent to the completion of this Project. Failure on the part of the Designated Universal Service Provider to comply with this requirement shall result in the Designated Universal Service Provider being solely responsible for any liabilities and/or losses that may arise.
- 3.18 In addition to subparagraph 3.17 above, the Designated Universal Service Provider shall immediately repair or replace any faulty items at its own cost, during the warranty period.
- 3.19 In the event of vandalism, the Designated Universal Service Provider shall be responsible to rectify and/or replace any affected facilities at the sites at its own cost.

C. Project Timeline

- 3.20 The maximum implementation period shall not exceed twelve (12) months from the commencement date issued by the Commission. The Interested Licensee shall propose a detailed implementation timeline in its Draft Universal Service Plan outlining when the requisite implementation activities shall be completed in accordance to the scope of work. This will be the basis for the Commission to monitor the progress of work for this Project.

D. Report to the Commission

Project Implementation

- 3.21 Within the Project implementation timeline, pursuant to regulation 13 of the USP Regulations, the Designated Universal Service Provider shall submit a report on the progress of the implementation of the Approved Universal Service Plan on a **weekly basis** to the Head of the Universal Service Provision Division (“USP Division”).

Operational Period

- 3.22 The Designated Universal Service Provider shall be responsible to provide operations and maintenance for five (5) years from the Completion Date of the Project (“Operational Period”), which includes:
- a) Fulfilling the requirements under the template for financial proposal as detailed out in **Appendix 3** of this Invitation;
 - b) Shall propose a comprehensive report on operations and maintenance which includes operational checking and testing as well as maintaining the cleanliness and tidiness of the site and equipment, as specified in **Appendix 4** of this Invitation. The report shall be submitted to the Head of the USP Division on a **monthly basis** in a form and format specified by the Commission; and
 - c) The Designated Universal Service Provider is required to submit an audited income and expense statement for the Project based on the International Standards on Auditing (ISA), on a yearly basis, within ninety (90) days from 31 December in every calendar year, for the entire Operational Period of five (5) years, to the Head of the USP Division for each site. The information shall include, but is not limited, to the following:

- i. The Designated Universal Service Provider shall obtain the number of subscribers for each location from each respective public cellular service provider;
- ii. Revenue earned for call and data charges based on the data usage/traffic information for each location from each respective public cellular service provider that offers retail service to the end user;
- iii. Detailed operational costs incurred for each location for service provisioning; and
- iv. Voice call and data usage traffic information for each location under the Project.

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SECTION III – REGISTRATION OF INTEREST AND SUBMISSION OF THE DRAFT UNIVERSAL SERVICE PLAN

4. REGISTRATION OF INTEREST REQUIREMENTS

4.1 The Interested Licensee which wishes to register its interest to become the Designated Universal Service Provider pursuant to this Invitation shall hold the requisite licences with a minimum validity of six (6) months from the closing date, as stated in this Invitation (or has submitted its licence renewal application pursuant to section 34 of the Act to the Commission) to enable it to carry out the scope of work under this Invitation. The Interested Licensees must also fulfil the following criteria:

- a) The Interested Licensee is required to hold:
Valid NFP(I) and NSP(I) licences issued under the Act. The NFP(I) licence held by the Interested Licensee must allow the holder of the licence to own or provide ALL of the following network facilities under regulation 19 of the Communications and Multimedia (Licensing) Regulations 2000, as amended:
 - i. Fixed links and cables;
 - ii. Radiocommunications transmitters and links;
 - iii. Earth stations³;
 - iv. Towers, poles, ducts and pits to be used in conjunction with other network facilities;
 - v. The licensed area specified under both the NFP(I) licence and the NSP(I) licence shall be “Malaysia”; and
 - vi. There shall be no last mile limitation specified in the NFP(I) licence.

- b) The Interested Licensee shall meet the following eligibility requirements:
 - i. Minimum five (5) years’ experience in the installation of network facilities and/or the provisioning of network services for the deployment of public cellular services;
 - ii. Be able to show a good track record of commercial deployment as a licensee under the Act;

³ For this particular network facility, an Interested Licensee that is not licensed to own or to provide such as a network facility in its NFP(I) licence, may collaborate with an existing licensee that owns or provides this network facility, in order to use such a network facility. Detailed information of the collaboration shall only be furnished to the Commission should the Interested Licensee be a Designated Universal Service Provider pursuant to this Invitation.

- iii. Must have a satisfactory track record of compliance under the Act and conduct as a licensee;
- iv. Not owe any outstanding fees (licence, spectrum assignment and/or numbering assignment) to the Commission;
- v. Has duly submitted its Return of Net Revenue (RONR) forms to the Commission for each year without fail; and
- vi. Has no outstanding USP Fund contribution⁴.

4.2 The Commission shall have the right to disqualify the submission of the Interested Licensee, which has failed to comply with the requirements stated in subparagraph 4.1 above.

4.3 The Interested Licensee shall register its interest with the Commission by completing the form enclosed in **Appendix 5** of this Invitation i.e. the Registration of Interest Form.

4.4 The submission of the duly completed Registration of Interest Form shall be made in accordance with subparagraph 7.1 of this Invitation.

5. SUBMISSION OF THE DRAFT UNIVERSAL SERVICE PLAN

5.1 The Interested Licensee shall submit the Draft Universal Service Plan, in separate binding for each cluster as specified in **Appendix 1** of this invitation. The Draft Universal Service Plan shall be divided into two (2) separate documents as follows:

- a) Technical Proposal; and
- b) Financial Proposal

5.2 The Interested Licensee may submit Draft Universal Service Plan(s) for multiple clusters. The Interested Licensee shall submit a single document for all multiple clusters in a separate sealed envelope marked as "LICENSEE'S INFORMATION", which shall consist of the following:

- a) Cover letter signed by the Chief Executive Officer or a person who holds an equivalent designation in the Interested Licensee; and
- b) Information of the Interested Licensee and other supporting documents as detailed out in **Appendix 6** of this Invitation.

⁴ This is applicable for the licensees which are legally obliged to contribute to the USP Fund, whose total net revenue for the previous calendar year meets the minimum revenue threshold of RM2 million from the licensable activity

- 5.3 The Draft Universal Service Plan mentioned in subparagraph 5.1 above, shall be submitted and marked as follows:
- a) One (1) hard copy submission to be marked “ORIGINAL”;
 - b) Two (2) hard copies of the above submission to be marked “COPY”; and
 - c) All pages of the “ORIGINAL” Draft Universal Service Plan shall be duly initialled and affixed with a rubber stamp of the Interested Licensee.
- 5.4 In the event of discrepancies, the document marked “ORIGINAL” shall prevail.
- 5.5 Pages for the Draft Universal Service Plan shall be numbered in the following format: (page number) of (total number of pages).
- 5.6 The submission of the Draft Universal Service Plan shall be enclosed in a separate sealed envelope(s) and super scribed as follows:
- a) This Invitation’s reference (INVITATION REF. NO.: **MCMC/USPD/PDUD(01)/NFCP2/TC/11/19(09)**) at the top left hand corner of the envelope(s);
 - b) The description “SUBMISSION OF DRAFT UNIVERSAL SERVICE PLAN – (Cluster No.#)” at the central position of the envelope(s);
 - c) “SUBMITTED BY: (Name of Interested Licensee)” at the central bottom position of the envelope(s); and
 - d) TECHNICAL PROPOSAL: (Cluster No.#); or FINANCIAL PROPOSAL: (Cluster No.#).
- 5.7 In addition to the hardcopy, digital copies of the technical proposals and financial proposals shall be submitted in compact discs or thumb drives. The digital copy shall be in PDF format.
- 5.8 The Interested Licensee is **prohibited from displaying or including its name in the Technical Proposal**. Failure to comply with this requirement may result in the disqualification of the Interested Licensee’s submission.
- 5.9 All documents mentioned above, including any appendices annexed thereto, shall be taken as being mutually explanatory of each other.

- 5.10 The Interested Licensee shall be deemed to have examined and understood all information and documents set out in this Invitation.
- 5.11 All costs and expenses associated with and necessary for the preparation and submission of the Draft Universal Service Plan shall be borne by the Interested Licensee.
- 5.12 All corrections, changes, alterations and/or any other amendments whatsoever made in the Draft Universal Service Plan shall be initialled and affixed with the Interested Licensee's company stamp.
- 5.13 All documents, which form part of the Draft Universal Service Plan(s) shall be properly and securely bound.
- 5.14 Handbooks and any other literature, if any, shall be bound in separate covers.

6. SCOPE OF THE DRAFT UNIVERSAL SERVICE PLAN

- 6.1 The Draft Universal Service Plan to be submitted by the Interested Licensee shall contain information as specified in **Appendix 7** of this Invitation.

7. CLOSING DATE

- 7.1 All Interested Licensees shall submit the duly completed Registration of Interest Form as enclosed in **Appendix 5** of this Invitation from **9:00am to 12:00pm, 10 January 2020** at:

**Malaysian Communications and Multimedia Commission
MCMC Old Building, Off Persiaran Multimedia
63000 Cyberjaya, Selangor
(Attention: Tender Secretariat)**

- 7.2 An Interested Licensee shall submit the duly completed Draft Universal Service Plan on or before **12:00pm, 31 March 2020** at:

**Malaysian Communications and Multimedia Commission
MCMC Old Building, Off Persiaran Multimedia
63000 Cyberjaya, Selangor
(Attention: Tender Secretariat)**

7.3 The Commission shall **NOT ACCEPT** any submission made by way of email, fax, mail and/or any other means.

7.4 Any submission of the Registration of Interest Form and/or Draft Universal Service Plan, including any amendments made thereto, received after the stipulated closing date and time, shall be rejected. In this respect, the Interested Licensee's proof of postage or other evidence of transmission shall not be accepted as a proof of receipt by the Commission.

8. MATTERS FOR CONSIDERATION IN APPROVING THE DRAFT UNIVERSAL SERVICE PLAN

8.1 The Commission will consider the matters specified in regulation 7 of the USP Regulations and all information included in the Draft Universal Service Plan in deciding whether or not to approve the Draft Universal Service Plan.

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SECTION IV – PAYMENT FROM THE USP FUND

9. CLAIMS FOR PAYMENT

- 9.1 The Designated Universal Service Provider is entitled to claim the costs undertaken [i.e. capital expenditure (“CAPEX”) and operational expenditure (“OPEX”)] in respect of this Project pursuant to subregulation 19(2) of the USP Regulations. Details of the payment schedule, timeline, terms and conditions, and forms and format to submit the claims will be specified in the Notification of Approval issued to the Designated Universal Service Provider. The claim schedule is specified in **Appendix 8** of this Invitation.
- 9.2 Assessments on the need for any continuity in the OPEX to be funded by the USP Fund after the Operational Period shall be at the discretion of the Commission, and will take into consideration the information provided by the Designated Universal Service Provider pursuant to subparagraph 3.22(c) of this Invitation, the number of subscribers each service provider has at a particular location, the average revenue per subscriber at the said location, and any other information that the Commission may consider to be relevant.

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SECTION V – GENERAL TERMS AND CONDITIONS

10. QUALITY OF SERVICE

- 10.1 The Designated Universal Service Provider shall ensure that the design and configuration of the network facilities, equipment and cellular mobile service provided enables all applications service providers providing public cellular services to end users, to meet the relevant mandatory standards, consumer codes or other regulatory instruments for quality of services issued under the Act.
- 10.2 Any upgrading throughout the Operational Period to fulfil the above requirements shall be borne by the Designated Universal Service Provider at no additional cost to the Commission.
- 10.3 Notwithstanding subparagraph 10.1 above, the average speed for services provided pursuant to this Project at each location shall be 30Mbps.

11. TECHNICAL COMPLIANCE

- 11.1 The Designated Universal Service Provider shall be solely responsible for the correct design and configuration of the network facilities, equipment and services offered as per the submitted Draft Universal Service Plan.
- 11.2 The spectrum used for the equipment shall comply with the Act, the Spectrum Regulations 2000, the Spectrum Plan, the SRSP and any other relevant standards or legal instruments as and when issued by the Commission.

12. SUPPLIED MATERIALS AND EQUIPMENT

- 12.1 All items to be used in the provision of universal service by the Designated Universal Service Provider in the UST shall be fit for the purpose which such items are intended for, and be free from defects arising out of faulty design, faulty and inferior material or faulty workmanship.
- 12.2 All items supplied shall be genuine, newly manufactured/factory fresh (i.e. not second hand, reconditioned and/or used items).
- 12.3 All equipment proposed must comply with the Malaysian Standards type approval.

13. APPROVAL FROM RELEVANT AUTHORITIES

- 13.1 The Designated Universal Service Provider shall be responsible to obtain the necessary approvals from the local authority, electrical authority and/or all other relevant authorities before the commencement of Work.
- 13.2 The Designated Universal Service Provider shall be solely responsible for any failure to obtain the necessary approvals including any additional costs to comply with the said authority's requirements.
- 13.3 The Designated Universal Service Provider will be responsible for any additional costs incurred to ensure infrastructure and services continue to be available in the event that a change of site is required as a result of the Designated Universal Service Provider's non-compliance to the said authority's requirements.

14. INSPECTION AND AUDIT

- 14.1 The Commission and/or appointed third party agent(s) shall have the right to inspect and verify that all obligations due from the Designated Universal Service Provider are fully complied with. The inspection and verification of the universal services provisioning may include:
 - a) Technical Audits
Conducting a physical inspection at the site to verify that the items and services are delivered according to the BOQ, timelines and specifications as contained in the Approved Universal Service Plan.
 - b) Commercial Audits
Verifying all relevant supporting documents submitted by the Designated Universal Service Provider in its claims for net universal service costs.

15. SAFETY

- 15.1 The Designated Universal Service Provider shall:
 - a) Be responsible to ensure the safety of the sites, its employees and employees of its agents and/or vendors working at the sites at all times;
 - b) Enforce and take all reasonable steps to ensure compliance of all safety measures for workmen, contractors and all other persons at the site as stipulated in all relevant safety-at-work legislation and regulations; and

- c) Indemnify and keep indemnified, protect and defend at its own cost and expense, the Commission and its authorised officers from and against all actions, claims and liabilities arising out of acts done, omissions or breach of any conditions in this Invitation by the Designated Universal Service Provider, its employees or its agents.

15.2 The Designated Universal Service Provider shall be responsible for ensuring the structural integrity of the towers and its ancillaries at all times, and ensure compliance with all relevant laws and guidelines.

16. EXTENSION OF TIME

16.1 An extension of time may be given to the Designated Universal Service Provider solely at the discretion of the Commission, upon a written request by the Designated Universal Service Provider. An extension of time will generally be considered only due to force majeure as provided in subparagraph 17 of this Invitation,

PROVIDED ALWAYS that the Designated Universal Service Provider has taken all reasonable steps to avoid or reduce such delay and shall do all that may be reasonably required to proceed with the Work; and

PROVIDED THAT all such delays are not due to any negligence, default or breach of the terms and conditions in the Notification of Approval by the Designated Universal Service Provider.

17. EFFECT OF FORCE MAJEURE

17.1 An “Event of Force Majeure” is an event beyond the control of the Designated Universal Service provider, which results in the delay in the implementation timeline of this Invitation, which are:

- a) War (whether declared or not), hostilities, invasion, act of foreign enemies;
- b) Insurrection, revolution, rebellion, military, or usurped power, civil war, terrorism;
- c) Natural catastrophe including but not limited to earthquakes, floods, subterranean spontaneous combustion or any operation of the forces of nature against which an experienced contractor could not reasonably have been expected to take precautions;

- d) Nuclear explosion, radioactive or chemical contamination or radiation (unless caused by the negligent act(s), omission(s) or default of the workmen, contractors and all other persons at all times during the execution of the Work);
- e) Pressure waves caused by aircraft or other devices travelling at sonic or supersonic speeds; and
- f) Riot, commotion or disorder, unless solely restricted to employees of the workmen, contractors and all other persons for the execution of the Work.

18. PERFORMANCE BOND

- 18.1 The Designated Universal Service Provider is required to submit a performance bond in the form of a Bank Guarantee issued by a local licensed financial institution under the Financial Services Act 2013 (“Performance Bond”) prior to the implementation of the Approved Universal Service Plan. The Performance Bond shall be ten percent (10%) of the approved total cost of the Project.
- 18.2 The Performance Bond shall be kept valid from the commencement date of the Project until the expiry of 12 months, after the date of Declaration of the site being “on air” and available for use by the end user is received by the Commission.
- 18.3 Should the Designated Universal Service Provider require an extension of time to complete the Project, it shall be the responsibility of the Designated Universal Service Provider to renew the Performance Bond at least three (3) months prior to the expiry of the said Performance Bond.
- 18.4 In the event that the Designated Universal Service Provider is revoked pursuant to the USP Regulations, the said Performance Bond or any balance thereof shall be forfeited.

19. CLARIFICATION AND ENQUIRIES

- 19.1 It is inevitable that some matters may have to be clarified following the evaluation of the submission and during the early stages of installation of the equipment. In this respect, the Commission reserves the right to issue written clarifications on the specifications where necessary, to stipulate any requirements more clearly.

- 19.2 By registering its interest and submitting its Draft Universal Service Plan, the Interested Licensee is deemed to consent to the use of any of the information in the Draft Universal Service Plan or part thereof by the Commission for any purpose whatsoever.
- 19.3 Should there be a need to seek clarification and additional information regarding this Invitation, all enquiries shall be directed to Secretary of the Tender Committee via email at tender@mcmc.gov.my.
- 19.4 All relevant enquiries pertaining to this Invitation should reach the Commission in the following manner :
- i) Enquiries for submission of Registration of Interest on or before **5:00pm, 20 December 2019**; and
 - ii) Enquiries for submission of Draft Universal Service Plan on or before **5:00pm, 17 March 2020**.

20. OMISSIONS OR ERRORS

- 20.1 The Designated Universal Service Provider is advised to study all terms, conditions and specifications in this Invitation very carefully, make all necessary site surveys and seek necessary clarification before finalising its Draft Universal Service Plan under the USP Regulations.
- 20.2 The Designated Universal Service Provider shall be solely responsible for all such omissions/errors without any additional costs being chargeable to the Commission.

APPENDIX 1 – LIST OF LOCATIONS

Cluster 1: Johor (1 of 2)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_001	Kota Tinggi	Kota Tinggi	Kg. Gembut	1.904	104.063
2	FC2_002	Kota Tinggi	Kota Tinggi	Kg. Baru Pasak	1.700	103.954
3	FC2_003	Kota Tinggi	Kota Tinggi	Felda Pasak & Air Tawar	1.711	103.973
4	FC2_004	Kota Tinggi	Kota Tinggi	Kg. Temenin	1.794	103.881
5	FC2_005	Mersing	Mersing	Pantai Penyabong	2.644	103.751
6	FC2_006	Mersing	Mersing	Lenggor	2.309	103.700
7	FC2_007	Mersing	Mersing	Tanjung Leman	2.135	104.004
8	FC2_008	Pontian	Pontian	Kg. Parit Abas	1.738	103.216
9	FC2_009	Pontian	Pontian	Jln. Desa Baru Batu 3 Kg. Sawah	1.541	103.494
10	FC2_010	Pontian	Pontian	Kg. Seri Bukit Panjang	1.542	103.471
11	FC2_011	Pontian	Pontian	Tanjung Piai	1.271	103.510
12	FC2_012	Pontian	Pontian	Parit Dukacita	1.447	103.434
13	FC2_013	Pontian	Pontian	Parit Stan	1.687	103.199
14	FC2_014	Tanjung Kupang	Tanjung Kupang	Kg. Orang Asli Simpang Arang	1.414	103.570

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 2: Johor (2 of 2)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_015	Muar	Sri Menanti	Parit Pali	1.942	102.709
2	FC2_016	Muar	Sri Menanti	Kg. Sri Dalam	1.992	102.748
3	FC2_017	Muar	Parit Jawa	Taman Limbong Utama	1.975	102.629
4	FC2_018	Kluang	Layang-Layang	Kg. SC Jaya Sepakat	1.828	103.500
5	FC2_019	Kluang	Kluang	Gunung Lambak	2.011	103.390
6	FC2_020	Kluang	Machap	Kg. Perak, Machap	1.863	103.273
7	FC2_021	Batu Pahat	Tanjong Sembrong	Kg. Sg. Rambut	1.901	103.106
8	FC2_022	Batu Pahat	Tanjong Sembrong	Kg. Parit Amil	1.970	103.056
9	FC2_023	Batu Pahat	Sri Medan	Kg. Parit Lapis Bangas	2.007	102.983
10	FC2_024	Segamat	Pogoh	Taman Sri Aman	2.474	102.863
11	FC2_025	Tangkak	Kesang	Jln. Kesang Laut	2.087	102.523
12	FC2_026	Tangkak	Bukit Serampang	Felcra Kundang Ulu	2.283	102.780
13	FC2_027	Bukit Kepong	Bukit Kepong	Kg. Jawa, Lenga	2.347	102.839

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 3: Melaka and Negeri Sembilan (1 of 1)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_028	Jasin	Jasin	Kg. Lombong Chin Chin	2.280	102.484
2	FC2_029	Jasin	Jasin	Kg. Gapis	2.434	102.450
3	FC2_030	Jasin	Jasin	Kg. Orang Asli Gapam Baru	2.369	102.429
4	FC2_031	Jasin	Jasin	UiTM Jasin	2.221	102.462
5	FC2_032	Tampin	Keru	Tampin	2.492	102.293
6	FC2_033	Jempol	Jempol	Felda Palong Satu	2.685	102.571
7	FC2_034	Jempol	Jempol	Ladang Bukit Pilah & Ladang New Rompin	2.703	102.450
8	FC2_035	Langkap	Langkap	Kg. Orang Asli Langkap Dangi Jempol	2.814	102.140
9	FC2_036	Jelebu	Ulu Klawang	Kg. Kelaka	2.897	102.028
10	FC2_037	Jelebu	Ulu Klawang	Kg. Sungai Gunung	2.883	102.018
11	FC2_038	Jelebu	Ulu Triang	MRSM Kuala Klawang	2.968	102.056
12	FC2_039	Jelebu	Ulu Triang	Kg. Teriang	2.947	102.046
13	FC2_040	Port Dickson	Linggi	Port Dickson	2.499	102.026
14	FC2_041	Kuala Pilah	Sri Menanti	Mertang	2.669	102.143
15	FC2_042	Seremban	Pantai	Kg. Sikamat	2.762	101.991

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 4: Kedah (1 of 2)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_043	Baling	Baling	Kg. Charok Kelian Ulu	5.707	100.852
2	FC2_044	Baling	Baling	Kg. Charok Beras Ulu	5.663	100.741
3	FC2_045	Bandar Baharu	Bandar Baharu	Kg. Rantau Panjang	5.306	100.733
4	FC2_046	Kuala Muda	Naga Lilit	Kg. Padang Ekor	5.478	100.563
5	FC2_047	Kuala Muda	Simpur	Kg. Pengkalan Bukit Lintang	5.621	100.399
6	FC2_048	Kuala Muda	Bukit Meriam	Kg. Permatang Rengan	5.620	100.362
7	FC2_049	Kuala Muda	Bujang	Kg. Kuala Segantang Garam	5.661	100.402
8	FC2_050	Kuala Muda	Gurun	Kg. Sungai Perahu	5.781	100.624
9	FC2_051	Kuala Muda	Telui Kiri	Kg. Batu Belachan	5.642	100.658
10	FC2_052	Kuala Muda	Simpur	Kg. Pengkalan Batu Lintang	5.623	100.396
11	FC2_053	Kulim	Bagan Sena	Kg. Padang Patong	5.494	100.705
12	FC2_054	Kulim	Bagan Sena	Kg. Merbok	5.418	100.707
13	FC2_055	Kulim	Padang Meha	Kg. Bukit Chong	5.549	100.619
14	FC2_056	Sungai Petani	Merbok	Kg. Sungai Baru	5.698	100.400

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 5: Kedah (2 of 2)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_057	Kubang Pasu	Ah	Kg. Kubang Chenok	6.370	100.363
2	FC2_058	Padang Terap	Padang Terap	Kg. Padang Bakong	6.152	100.623
3	FC2_059	Padang Terap	Padang Terap	Kg. Sireh	6.199	100.668
4	FC2_060	Padang Terap	Padang Terap	Batang Tunggang Kiri, Kota Putra Durian Burung	6.468	100.708
5	FC2_061	Padang Terap	Padang Terap	Kg. Kuala Janing	6.282	100.595
6	FC2_062	Padang Terap	Padang Terap	Tekai	6.146	100.704
7	FC2_063	Pendang	Pendang	Kg. Lubok Ular	5.920	100.498
8	FC2_064	Pendang	Pendang	Alor Beral	6.062	100.471
9	FC2_065	Pokok Sena	Padang Terap	SK Lamdin	6.099	100.688
10	FC2_066	Pokok Sena	Gajah Mati	Kg. Binjai	6.172	100.558

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 6: Kelantan (1 of 2)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_067	Bachok	Bachok	Kg. Sri Kemunting	5.903	102.408
2	FC2_068	Bachok	Bachok	Taman Bator	5.974	102.392
3	FC2_069	Kota Bharu	Ketereh	Kg. Banggol Saman	5.938	102.275
4	FC2_070	Kota Bharu	Beta	Kg. Betahulu	5.996	102.220
5	FC2_071	Pasir Mas	Pasir Mas	Kg. Bukit Kwong	5.927	101.958
6	FC2_072	Tumpat	Tumpat	Kg. Perupok	6.114	102.177
7	FC2_073	Pasir Puteh	Pasir Puteh	Kg. Bukit Tanah	5.842	102.445
8	FC2_074	Pasir Puteh	Pasir Puteh	Kg. Bunut Rendang	5.805	102.432
9	FC2_075	Pasir Puteh	Pasir Puteh	Kg. Gong Keding	5.787	102.454
10	FC2_076	Pasir Puteh	Pasir Puteh	Kg. Puyu	5.841	102.469
11	FC2_077	Pasir Puteh	Pasir Puteh	Kg. Sg Gali	5.785	102.437
12	FC2_078	Pasir Puteh	Pasir Puteh	Kg. Tok Bali	5.886	102.450
13	FC2_079	Pasir Puteh	Pasir Puteh	Kem Park Su Chalet Jeram	5.860	102.350
14	FC2_080	Machang	Machang	Kg. Kuala Hau	5.639	102.120
15	FC2_081	Machang	Machang	Pangkal Meleret	5.766	102.180

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 7: Kelantan (2 of 2)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_082	Gua Musang	Gua Musang	Kg. Sungai Asap B	4.967	102.084
2	FC2_083	Gua Musang	Gua Musang	RKT Meranto & Jerek	5.14699	101.984448
3	FC2_084	Gua Musang	Gua Musang	RKT Chalil	5.086746	102.322333
4	FC2_085	Gua Musang	Gua Musang	RKT Lebir	5.014275	102.378851
5	FC2_086	Gua Musang	Gua Musang	Kg. Tanah Puteh	4.812	101.969
6	FC2_087	Kuala Krai	Kuala Krai	Kg. Baru Pak Abu	5.353	102.110
7	FC2_088	Kuala Krai	Kuala Krai	Kg. Jenal	5.410	102.040
8	FC2_089	Kuala Krai	Kuala Krai	Kg. Lancang	5.414	102.062
9	FC2_090	Kuala Krai	Kuala Krai	Kg. Jenal 3	5.429	102.043
10	FC2_091	Kuala Krai	Kuala Krai	Kg. Sg Mas	5.564	102.266
11	FC2_092	Kuala Krai	Kuala Krai	Ladang Bukit Pak Abu	5.370	102.082
12	FC2_093	Kuala Krai	Kuala Krai	RPT Bahagia	5.467865	102.156123
13	FC2_094	Kuala Krai	Kuala Krai	RPT Sungai Sam & Pasir Linggi	5.273216	102.259148
14	FC2_095	Kuala Krai	Kuala Krai	Kg. Kuala Geris	5.391	102.062
15	FC2_096	Tanah Merah	Tanah Merah	Kg. Jedok	5.847	101.941
16	FC2_097	Tanah Merah	Tanah Merah	Kg. Muring	5.854	102.074
17	FC2_098	Tanah Merah	Tanah Merah	Kg. Rambai Baru	5.710	102.123
18	FC2_099	Tanah Merah	Tanah Merah	RPT Peralla & Ulu Bertam	5.672052	102.039485
19	FC2_100	Tanah Merah	Tanah Merah	Kg. Warung Palas	5.734	102.027

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 8: Pahang (1 of 2)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_101	Maran	Maran	Felda Bunga Raya Jengka 14	3.726	102.523
2	FC2_102	Maran	Maran	Felda Semarak Jengka 15	3.712	102.547
3	FC2_103	Kuantan	Kuantan	Ladang Gambang	3.674	103.148
4	FC2_104	Kuantan	Kuantan	Kg. Kempadang	3.749	103.324
5	FC2_105	Kuantan	Kuantan	Rangkaian Delima Plantation	3.684	103.175
6	FC2_106	Temerloh	Perak	Kg. Buntut Pulau	3.430	102.431
7	FC2_107	Temerloh	Jenderak	Kg. Teluk Sabak	3.671	102.427
8	FC2_108	Temerloh	Jenderak	Kg. Tanjong Danolang	3.640	102.419
9	FC2_109	Temerloh	Jenderak	Kg. Pulau Raya	3.740	102.394
10	FC2_110	Jerantut	Jerantut	Kg. Sokti / Bukit Puas	3.855	102.419
11	FC2_111	Pekan	Pekan	Ladang Sg. Bebar Selatan	3.232	103.385
12	FC2_112	Pekan	Pekan	Ladang Sg. Bebar Utara	3.289	103.371
13	FC2_113	Pekan	Pekan	Kg. Salong Hilir	3.480	102.942
14	FC2_114	Pekan	Pekan	Kg. Sg Duri	3.491	102.905
15	FC2_115	Pekan	Pekan	Kg. Tanah Merah	3.458	102.858
16	FC2_116	Pekan	Pekan	Kg. Simpai	3.229	103.192
17	FC2_117	Pekan	Pekan	Kg. Pelak	3.485	103.059
18	FC2_118	Pekan	Pekan	Kg. Pematang Siput	3.512	103.245
19	FC2_119	Pekan	Pekan	Ladang Bukit Payong	2.974	103.372
20	FC2_120	Rompin	Rompin	Ladang Sg. Merbau	2.498	103.541
21	FC2_121	Rompin	Rompin	Kg. Pantai Bernas	2.825	103.473
22	FC2_122	Rompin	Rompin	Felda Keratong 4	2.904	102.913

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 9: Pahang (2 of 2)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_123	Lipis	Lipis	Kg. Kuala Lanar	4.172	102.081
2	FC2_124	Lipis	Lipis	Kg. Lalang	4.089	101.988
3	FC2_125	Lipis	Lipis	Pos Lenjang	4.259	101.548
4	FC2_126	Lipis	Lipis	Pos Sinderut 2	4.150	101.551
5	FC2_127	Lipis	Lipis	Sg. Koyang 2	4.216	101.801
6	FC2_128	Lipis	Lipis	Kg. Kuala Medang	4.285	101.805
7	FC2_129	Cameron Highlands	Lipis	Kg. Terakit	4.477	101.589
8	FC2_130	Cameron Highlands	Tanah Rata	Perumahan Makmur Cameron Jaya	4.477	101.376
9	FC2_131	Cameron Highlands	Ringlet	Taman Ringlet	4.410	101.386
10	FC2_132	Cameron Highlands	Tanah Rata	Taman Royal Lily	4.467	101.374
11	FC2_133	Cameron Highlands	Hulu Telom	Taman Oriental Lily	4.508	101.428
12	FC2_134	Bentong	Bentong	Kg. Tambai	3.489	101.914
13	FC2_135	Bentong	Sabai	Felda Mempaga 2	3.534	101.971
14	FC2_136	Bentong	Bentong	Lurah Bilut 2	3.661	101.897
15	FC2_137	Raub	Sega	Kg. Ulu Arang	4.045	101.915
16	FC2_138	Raub	Sega	Kg. Sejuk	4.044	101.899
17	FC2_139	Raub	Sega	Kg. Orang Asli Semalin	3.991	101.880
18	FC2_140	Raub	Gali	Taman Amalina Perdana	3.832	101.835
19	FC2_141	Raub	Gali	Kg. Pintu Padang	3.825	101.891
20	FC2_142	Raub	Teras	Sang Lee Village	3.657	101.845
21	FC2_143	Bera	Bera	Felda Triang Selatan 1	3.123	102.539
22	FC2_144	Bera	Bera	Felda Tersang 4	3.231	102.324

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 10: Perak (1 of 1)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_145	Hulu Perak	Ulu Perak	Tanah Hitam	5.598	101.027
2	FC2_146	Hulu Perak	Ulu Perak	Kg. Kota Tampan	5.056	100.962
3	FC2_147	Hulu Perak	Ulu Perak	PPRT Kg. Pahit	5.596	101.070
4	FC2_148	Hulu Perak	Ulu Perak	Kg. Kenayat Besar	5.371	101.042
5	FC2_149	Kuala Kangsar	Chegar Galah	Kg. Berala	4.876	100.932
6	FC2_150	Selama	Ulu Selama	Kg. Sumatera	5.222	100.751
7	FC2_151	Selama	Ulu Selama	Kg. Sg. Berdarah	5.264	100.792
8	FC2_152	Selama	Selama	Gunung Inas Estate	5.269	100.738
9	FC2_153	Selama	Ulu Ijok	Redang Panjang	5.105	100.771
10	FC2_154	Selama	Ulu Ijok	Kg. Tebing Tinggi	5.143	100.650
11	FC2_155	Selama	Ulu Ijok	Kg. Bendang Luas	5.130	100.820
12	FC2_156	Kampar	Teja	Kg. Ulu Geruntum	4.466	101.222
13	FC2_157	Kampar	Teja	Kg. Poh	4.468	101.226
14	FC2_158	Kampar	Teja	Kg. Ampang Main	4.468	101.233
15	FC2_159	Kampar	Teja	Kg. Ulu Kepayang	4.486	101.241
16	FC2_160	Kampar	Teja	Kg. Sat	4.485	101.234
17	FC2_161	Kampar	Teja	Kg. Sungai Kapur	4.485	101.234
18	FC2_162	Kampar	Teja	Kg. Ulu Kampar	4.466	101.246
19	FC2_163	Kampar	Teja	SK Changkat Tualang (nearby Balai Polis Kota Bharu, Perak)	4.425	101.088
20	FC2_164	Kampar	Kampar	Kg. Ulu Groh	4.442	101.254
21	FC2_165	Kampar	Kampar	SK Pos Dipang	4.371	101.247
22	FC2_166	Batang Padang	Chenderiang	Kg. Tersusun Batu 3	4.223	101.229

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 11: Sabah (1 of 6)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_167	Beaufort	Beaufort	Kg. Nukahan	5.461	115.595
2	FC2_168	Beaufort	Beaufort	Kg. Montenior	5.338	115.801
3	FC2_169	Beaufort	Beaufort	Kg. Sungkadan	5.341	115.628
4	FC2_170	Beaufort	Beaufort	Kg. Tiong Baru	5.421	115.803
5	FC2_171	Beaufort	Beaufort	Kg. Padas Damit Beaufort	5.330	115.560
6	FC2_172	Kuala Penyu	Kuala Penyu	Kg. Bedungun	5.590	115.579
7	FC2_173	Kuala Penyu	Kuala Penyu	Kg. Kerukan	5.484	115.525
8	FC2_174	Kuala Penyu	Kuala Penyu	Hospital Kuala Penyu	5.561	115.581
9	FC2_175	Kuala Penyu	Kuala Penyu	Kg. Sangkabok	5.405	115.381
10	FC2_176	Labuan	Labuan	Pohon Batu	5.370	115.221
11	FC2_177	Labuan	Labuan	Kg. Batu Arang	5.300	115.232
12	FC2_178	Sipitang	Tongod	Ulu Sipitang	5.077	116.587
13	FC2_179	Tenom	Tenom	Kg. Cinta Mata	5.102	115.942
14	FC2_180	Tenom	Tenom	Jln. Tenom Keningau	5.166	115.960
15	FC2_181	Tenom	Tenom	Kg. Paal Seberang	5.007	115.938
16	FC2_182	Keningau	Keningau	Kg. Panagatang	5.338	116.203
17	FC2_183	Keningau	Keningau	Kg. Malaing	4.959	116.139
18	FC2_184	Keningau	Keningau	Kg. Kuala Biah	5.258	116.143
19	FC2_185	Keningau	Keningau	Kg. Minasut	5.423	116.184
20	FC2_186	Keningau	Tambunan	Kg. Papuluton	5.613	116.327

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 12: Sabah (2 of 6)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_187	Tambunan	Tambunan	Kg. Mahua	5.776	116.425
2	FC2_188	Tambunan	Tambunan	Mahua Waterfall	5.792	116.416
3	FC2_189	Tambunan	Tambunan	Tampasak Liawan	5.804	116.506
4	FC2_190	Tambunan	Tambunan	Kg. Pagalan Kusob	5.712	116.436
5	FC2_191	Tambunan	Tambunan	Kg. Bundui	5.743	116.461
6	FC2_192	Penampang	Putatan	Kg. Ulu Putatan	5.900	116.059
7	FC2_193	Penampang	Penampang	Kg. Buayan	5.79664	116.166216
8	FC2_194	Penampang	Penampang	Kg. Timpangoh Sugud	5.818847	116.112778
9	FC2_195	Penampang	Penampang	Kg. Kipouvo	5.939495	116.165817
10	FC2_196	Kalabakan	Tongod	Ramin Estate	4.697	117.394
11	FC2_197	Kalabakan	Tongod	Kg. Ceria Ramin 4	4.731	117.435
12	FC2_198	Kalabakan	Tongod	Kg. Indah Ramin 3	4.728	117.390
13	FC2_199	Pensiangan	Nabawan (Pensiangan)	Kg. Pohon Batu	4.790	116.192
14	FC2_200	Nabawan	Nabawan (Pensiangan)	SK Pengaraan	4.741	116.223
15	FC2_201	Nabawan	Nabawan (Pensiangan)	Kg. Sambiling	4.803	116.220
16	FC2_202	Nabawan	Nabawan (Pensiangan)	Kg. Nangkawangan & Kg. Layon	4.859	116.249
17	FC2_203	Nabawan	Nabawan (Pensiangan)	Kg. Balaron	4.715	116.442
18	FC2_204	Nabawan	Keningau	SK Mamagun	4.868	116.172

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 13: Sabah (3 of 6)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_205	Tawau	Semporna	Ladang Pangeran	4.477	118.269
2	FC2_206	Tawau	Tawau	Kg. Sungai Tongkang	4.221	117.775
3	FC2_207	Tawau	Tawau	Kg. Mentadak Baru	4.259	117.675
4	FC2_208	Tawau	Tawau	Sabah Softwood	4.449	117.713
5	FC2_209	Tawau	Tawau	Selangan Batu Estate	4.646	117.448
6	FC2_210	Tawau	Tawau	Binuang Estate	4.701	117.479
7	FC2_211	Tawau	Tawau	KPSB Plantation	4.338	117.341
8	FC2_212	Tawau	Tawau	Mamas – Binuang	4.682	117.463
9	FC2_213	Tawau	Tawau	Kuala Balung	4.328	118.254
10	FC2_214	Tawau	Tawau	Kretam Silimponon	4.319	117.457
11	FC2_215	Tawau	Tawau	Taman Perwira	4.308	118.015
12	FC2_216	Tawau	Tawau	Kg. Iban Kuala Nansang	4.351	118.034
13	FC2_217	Tawau	Tawau	Kg. Kuala Merotai	4.421	117.755
14	FC2_218	Kinabatangan	Kinabatangan	Kg. Sinar Jaya	5.501	117.865
15	FC2_219	Kinabatangan	Kinabatangan	Batu Putih	5.40626	117.95319
16	FC2_220	Lahad Datu	Lahad Datu	Ladang Permai	5.180	118.449
17	FC2_221	Lahad Datu	Lahad Datu	Kg. Tarawakan Pulau Sakar	4.988	118.346
18	FC2_222	Lahad Datu	Lahad Datu	Golden Elate Palm Oil Mill	5.134	118.839
19	FC2_223	Semporna	Semporna	Kg. Bubul Lama	4.460	118.602
20	FC2_224	Semporna	Semporna	Kg. Sum-Sum	4.43873	118.639038

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 14: Sabah (4 of 6)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_225	Semporna	Semporna	Kg. Senang Hati	4.514495	118.582833
2	FC2_226	Semporna	Semporna	Kg. Tonggulangan	4.492552	118.524556
3	FC2_227	Semporna	Semporna	Kg. Pulau Pababag	4.533889	118.494167
4	FC2_228	Semporna	Semporna	Kg. Gellam-Gellam	4.450695	118.684811
5	FC2_229	Semporna	Semporna	Kg. Pokas	4.389053	118.572161
6	FC2_230	Semporna	Semporna	Pulau Omadal	4.427	118.754
7	FC2_231	Sandakan	Sandakan	Kg. Wawasan Desa	5.913	117.776
8	FC2_232	Sandakan	Sandakan	Kg. Bongon Besar	5.818	118.280
9	FC2_233	Sandakan	Lahad Datu	G & G Plantation	5.151	117.788
10	FC2_234	Sandakan	Lahad Datu	Silabukan Pt 1	5.019	118.469
11	FC2_235	Sandakan	Tongod	Meliau Basin	4.735	116.976
12	FC2_236	Telupid	Tongod	Kg. Sanan	5.516	117.030
13	FC2_237	Telupid	Tongod	Kg. Kotodon	5.545	117.004
14	FC2_238	Telupid	Tongod	Kg. Kironggu Telupid	5.557	116.939
15	FC2_239	Telupid	Beluran	Kg. Baba Telupid	5.747	117.139
16	FC2_240	Telupid	Beluran	Kg. Kopuron	5.644	117.007
17	FC2_241	Telupid	Beluran	Kg. Liningkung	5.688	117.224
18	FC2_242	Telupid	Beluran	SK Gabungan	5.666	117.026
19	FC2_243	Pitas	Pitas	Kg. Nibang	6.550249	116.9973966
20	FC2_244	Pitas	Pitas	Kg. Soniton Laut	6.556389	116.990833

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 15: Sabah (5 of 6)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_245	Beluran	Beluran	SK Monopod	6.106	117.107
2	FC2_246	Beluran	Beluran	Kg. Abuan	6.242	117.117
3	FC2_247	Beluran	Beluran	Kg. Dampiron	6.204	117.242
4	FC2_248	Beluran	Beluran	Kg. Mononood	6.296	117.267
5	FC2_249	Beluran	Beluran	Kg. Pulau Keniogan	6.231	117.647
6	FC2_250	Beluran	Beluran	Ladang Lembah Paitan	6.415	117.262
7	FC2_251	Beluran	Beluran	SK Bawang	6.483	117.360
8	FC2_252	Beluran	Beluran	SK Golong	6.525	117.296
9	FC2_253	Beluran	Beluran	SK Jaya Bakti	5.759	117.708
10	FC2_254	Beluran	Beluran	SK Kabuluh	6.399	117.387
11	FC2_255	Beluran	Beluran	SK Limau-Limau	6.750	117.421
12	FC2_256	Beluran	Beluran	SK Lubang Buaya	6.383	117.327
13	FC2_257	Beluran	Beluran	SK Maidan	6.111	117.316
14	FC2_258	Beluran	Beluran	SK Malalin	6.748	117.473
15	FC2_259	Beluran	Beluran	SK Moynod	5.744	117.610
16	FC2_260	Beluran	Beluran	SK Obah	6.501	117.556
17	FC2_261	Beluran	Beluran	SK Seri Pagi	5.811	117.516
18	FC2_262	Beluran	Beluran	SK Sualok	5.878	117.381
19	FC2_263	Kota Marudu	Kota Marudu	Kg. Koromoko Darat	6.583	116.904
20	FC2_264	Kota Marudu	Kota Marudu	Kg. Lampada	6.449344	116.706619

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 16: Sabah (6 of 6)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_265	Kudat	Kudat	Kg. Parapat	6.824	116.722
2	FC2_266	Kudat	Kudat	Pantai Kelambu	6.986522	116.734065
3	FC2_267	Kudat	Kudat	Simpang Mengayau	7.015071	116.741327
4	FC2_268	Kudat	Pitas	Kg. Ampungai	6.739	117.216
5	FC2_269	Ranau	Ranau	Kg. Maukab	5.903	116.555
6	FC2_270	Ranau	Ranau	Kg. Terolobou	5.950	116.509
7	FC2_271	Ranau	Ranau	Toboh Baru	5.912	116.608
8	FC2_272	Ranau	Ranau	SK Kagarasan	6.114822	117.009267
9	FC2_273	Tuaran	Tuaran	Kg. Bolotikon Kiulu	6.032	116.306
10	FC2_274	Tuaran	Tuaran	Kg. Bundu Gulu	6.173	116.400
11	FC2_275	Tuaran	Tuaran	Kg. Bundu Tohuri	6.158	116.404
12	FC2_276	Tuaran	Tuaran	Kg. Gayaratau	6.157	116.365
13	FC2_277	Tuaran	Tuaran	Kg. Gontung	6.196	116.397
14	FC2_278	Tuaran	Tuaran	Kg. Kalipasuan	6.139	116.390
15	FC2_279	Tuaran	Tuaran	Kg. Ratau Baru	6.144	116.370
16	FC2_280	Tuaran	Tuaran	Kg. Rungus	6.182	116.369
17	FC2_281	Tuaran	Tuaran	Kg. Pukak	5.99807	116.39106

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 17: Sarawak (1 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_282	Dalat	Dalat	Kg. Kut Tengah	2.719	111.878
2	FC2_283	Matu	Matu	SK Sg. Pinang	2.663	111.857
3	FC2_284	Daro	Daro	Kg. Salak Kecil	2.665738	111.296842
4	FC2_285	Mukah	Mukah	Kg. Sebening Lalat	2.789	112.351
5	FC2_286	Mukah	Balingian	SK Pengkalan Lobang	2.773	112.394
6	FC2_287	Mukah	Mukah	Kg. Telian 2	2.87024	112.106114
7	FC2_288	Mukah	Balingian	Rh Jamit	2.987257	112.592575
8	FC2_289	Mukah	Balingian	Jln. Lubok Bukut, Rh Jamin	2.749512	112.451981
9	FC2_290	Mukah	Balingian	Ulu Bawan Mukah / Rh Nyaring	2.739383	112.407458
10	FC2_291	Mukah	Mukah	Kg. Sg Tutus	2.903	112.131
11	FC2_292	Mukah	Mukah	Kg. Bukut Mukah	2.73128	112.49232
12	FC2_293	Selangau	Selangau	Rh Rantau Dangi	2.330	112.182
13	FC2_294	Selangau	Selangau	Kg. Sg. Tebalong (Ng Tamin 2)	2.466	112.061
14	FC2_295	Selangau	Selangau	Ulu Arip	2.698397	112.718707
15	FC2_296	Selangau	Selangau	Rh Panjang	2.69043	112.67563
16	FC2_297	Selangau	Selangau	SMK Ulu Balingian	2.575	112.550
17	FC2_298	Selangau	Selangau	SK Kuala Pelugau	2.617	112.552
18	FC2_299	Selangau	Selangau	Kg. Sungai Ridan (Rh Gerry)	2.781	112.711

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 18: Sarawak (2 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_300	Kapit	Kapit	Rh. Naga, Nanga Bena, Sg. Sut, Baleh, Kapit	1.926378	113.092046
2	FC2_301	Bukit Mabong	Bukit Mabong	Rh Lugat, Sg. Majau, Mujong, Kapit	2.031944	113.410278
3	FC2_302	Bukit Mabong	Bukit Mabong	Rh Unyat, Sg. Merirai, Baleh, Kapit	1.885	113.644167
4	FC2_303	Bukit Mabong	Bukit Mabong	Klinik Nanga Merirai, Baleh, Kapit	1.85	113.575278
5	FC2_304	Bukit Mabong	Bukit Mabong	SK Nanga Kain, Baleh, Kapit	1.947344	113.3213
6	FC2_305	Bukit Mabong	Bukit Mabong	SK Nanga Balang, Sg. Gaat, Baleh, Kapit	1.757786	113.172616
7	FC2_306	Tatau	Tatau	Rh Nyalong	2.588969	112.993795
8	FC2_307	Tatau	Tatau	Kg. Jenga	2.654377	112.950405
9	FC2_308	Tatau	Tatau	Rh Galau	2.617283	112.908568
10	FC2_309	Tatau	Tatau	Rh Santap	2.628325	112.939132
11	FC2_310	Tatau	Tatau	Rh Agek	2.619782	112.969754
12	FC2_311	Tatau	Tatau	Long Biyak	2.659613	113.500393
13	FC2_312	Tatau	Tatau	Kg. Data Kakus, Ulu Kakus Tatau	2.653	113.620
14	FC2_313	Kanowit	Kanowit	Kg. Maong (Rh Jali)	2.057	112.018
15	FC2_314	Kanowit	Kanowit	Sg. Ranan	2.074	112.123
16	FC2_315	Kanowit	Sibu	Rh Nanga	2.110879	112.054538
17	FC2_316	Song	Song	SK Ng Nyimoh	1.951297	112.536404

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 19: Sarawak (3 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_317	Lundu	Lundu	Kg. Bitokan	1.549705	109.872561
2	FC2_318	Lundu	Sematan	Kg. Pugu	1.800	109.805
3	FC2_319	Lundu	Lundu	SK. Sekambal Cina 4	1.702087	109.859565
4	FC2_320	Lundu	Sematan	Jln. Smtm 1_Pan Borneo	1.863	109.674
5	FC2_321	Lundu	Sematan	Jln. Smtm 2_Pan Borneo	1.910	109.649
6	FC2_322	Lundu	Sematan	Jln. Smtm 3_Pan Borneo	1.966	109.643
7	FC2_323	Bau	Bau	SK Bobak Sejinjang	1.544917	110.197315
8	FC2_324	Bau	Bau	Kg. Puak	1.351	110.148
9	FC2_325	Bau	Bau	Kg. Senibong, SK Senibong	1.507653	110.194042
10	FC2_326	Bau	Bau	Kg. Jagoi	1.358593	110.03738
11	FC2_327	Kuching	Padawan	Kg. Danu	1.278	110.248
12	FC2_328	Kuching	Padawan	Bengoh Dam Resettlement Scheme	1.313	110.250
13	FC2_329	Kuching	Padawan	Kg. Abang	1.186	110.252
14	FC2_330	Kuching	Padawan	Kg. Kamug, Kg. Maras	1.200328	110.234667
15	FC2_331	Kuching	Padawan	Kg. Muk Ayun	1.2282	110.228064
16	FC2_332	Asajaya	Asajaya	Kg. Moyan Lidang	1.544195	110.568884

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 20: Sarawak (4 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_333	Serian	Serian	Kg. Pangkalan Marung	1.039	110.536
2	FC2_334	Serian	Siburan	Kg. Simpok	1.276263	110.361083
3	FC2_335	Serian	Siburan	Kg. Gayu	1.214	110.354
4	FC2_336	Serian	Serian	Kg. Bunga, Kg. Baru Mawang, Kem Juara	1.214184	110.502313
5	FC2_337	Serian	Serian	Kg. Merang (Kg. Bedup No 1)	1.104	110.609
6	FC2_338	Serian	Serian	Kg. Paon Rimu	0.982	110.655
7	FC2_339	Serian	Serian	Kg. Kanowit Betong	1.287	110.485
8	FC2_340	Serian	Serian	Kg. Turong	1.305	110.500
9	FC2_341	Serian	Serian	Kg. Raewh	1.332	110.484
10	FC2_342	Serian	Serian	Kg. Sorak Sumpung	1.116	110.547
11	FC2_343	Serian	Serian	Jln. Serian Sri Aman - Bedup Junction	1.120903	110.625103
12	FC2_344	Tebedu	Tebedu	Kg. Bunan Gega	0.905	110.543
13	FC2_345	Tebedu	Tebedu	Kg. Sijjak	1.059	110.370
14	FC2_346	Tebedu	Tebedu	SK Daha	0.951941	110.467189
15	FC2_347	Tebedu	Tebedu	Kg. Bisira Rayang	1.122	110.365
16	FC2_348	Simunjan	Sebuyau	Kg. Lunying, Kg. Emperan Buluh	1.495192	110.863979
17	FC2_349	Simunjan	Sebuyau	Kg. Sungai Nyamuk	1.512117	110.881923
18	FC2_350	Simunjan	Sebuyau	Kg. Bajong	1.564	110.802

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 21: Sarawak (5 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_351	Sri Aman	Sri Aman	Kg. Baru Seduku, Lingga	1.35512	111.26977
2	FC2_352	Sri Aman	Pantu	Menari Ipoh	1.199369	111.024064
3	FC2_353	Sri Aman	Pantu	Jaong	1.175844	110.992494
4	FC2_354	Sri Aman	Lingga	Rh Lakan Ak Lau, Lingga	1.369	111.198
5	FC2_355	Sri Aman	Pantu	SK Keranggas	1.210	111.117
6	FC2_356	Betong	Betong	Penyelanih Kiba	1.549298	111.622455
7	FC2_357	Betong	Betong	SMK Ulu Layar	1.483	111.573
8	FC2_358	Betong	Spaoh	Lubok Kelampu (Meroh Illi)	1.632272	111.600963
9	FC2_359	Betong	Betong	Sg. Langit	1.611633	111.638192
10	FC2_360	Betong	Betong	Begumbang	1.582464	111.623794
11	FC2_361	Betong	Betong	Ng Pasa	1.435848	111.515681
12	FC2_362	Betong	Spaoh	Rh Pasa Atas	1.455126	111.515517
13	FC2_363	Kabong	Roban	Kg. Jelupang (Sg Seblak)	1.884801	111.252763
14	FC2_364	Kabong	Roban	SK Mudong / Sg. Pitoh	1.941	111.370
15	FC2_365	Kabong	Roban	Rh Bukul	1.961	111.345
16	FC2_366	Kabong	Kabong	Jln. Kabong	1.836904	111.123202
17	FC2_367	Pusa	Pusa	Kg. Hulu Pusa	1.610	111.295
18	FC2_368	Spaoh	Spaoh	Sg. Bangkit	1.507416	111.480584

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 22: Sarawak (6 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_369	Bintulu	Bintulu	Kg. Kuala Nyalau	3.639	113.381
2	FC2_370	Bintulu	Bintulu	Rh Nyipa	3.093044	113.1727778
3	FC2_371	Bintulu	Bintulu	SK Kem 18 BTU / Miri Road	3.245573	113.271789
4	FC2_372	Bintulu	Bintulu	PBH Similajau	3.333013	113.3876
5	FC2_373	Bintulu	Sebauh	Rh Selan	3.182	113.684
6	FC2_374	Bintulu	Bintulu	Samalaju Township	3.540	113.299
7	FC2_375	Sebauh	Sebauh	Jln. Ulu Sebauh 1	3.026929	113.240415
8	FC2_376	Sebauh	Sebauh	Jln. Ulu Sebauh 3	2.985	113.214
9	FC2_377	Sebauh	Sebauh	Jln. Bakun Sg. Tangap 1	3.389789	113.469341
10	FC2_378	Sebauh	Sebauh	Jln. Bakun Sg. Tangap 2	3.418751	113.536261
11	FC2_379	Sebauh	Sebauh	Rh Egar	3.142428	113.277973
12	FC2_380	Sebauh	Bintulu	Rh Noria, Sebauh	3.195233	113.2236111
13	FC2_381	Sebauh	Sebauh	SK Sg. Sengian, Labang	3.37682	113.507
14	FC2_382	Sebauh	Sebauh	Rh Ujan	3.241907	113.58774
15	FC2_383	Sebauh	Sebauh	Rh Julaihi Ketu & Jelalong	3.276944	113.833621
16	FC2_384	Sebauh	Sebauh	Uma Bakong	3.011	113.830
17	FC2_385	Belaga	Sungai Asap	Uma Belor	3.032044	113.912991
18	FC2_386	Belaga	Sungai Asap	Uma Lahanan	3.054	113.952
19	FC2_387	Belaga	Belaga	Rh Penghulu Nicholas Mering Kulleh, Punan Sama, Belaga	2.482163	113.519868
20	FC2_388	Belaga	Belaga	Rh Penghulu Luhut, Long Peran, Belaga	2.838557	114.245153

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 23: Sarawak (7 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_389	Lawas	Lawas	Kg. Putih	4.768253	115.535384
2	FC2_390	Limbang	Nanga Medamit	Kg. Belimbing Ukong	4.550431	114.860306
3	FC2_391	Limbang	Nanga Medamit	Jln. Nanga Medamit	4.53109	114.884368
4	FC2_392	Limbang	Limbang	Kg. Gadong 2	4.763725	114.946017
5	FC2_393	Limbang	Nanga Medamit	Tanah Merah Medamit Limbang	4.478193	114.915196
6	FC2_394	Limbang	Nanga Medamit	Rh Hellen Kg. Ensurai	4.44253	114.904
7	FC2_395	Limbang	Nanga Medamit	Rh Tan Kg. Rantau Kiran	4.42777	114.953
8	FC2_396	Limbang	Nanga Medamit	Rh Aling Kg. Pulau Brunei	4.41479	114.981
9	FC2_397	Limbang	Nanga Medamit	Rh Lumbong, Entakong	4.35145	114.909714
10	FC2_398	Limbang	Nanga Medamit	SK Belaban	4.316558	114.89817
11	FC2_399	Miri	Miri	Jln. Sg. Tangap Pujut 1	4.238885	114.0603
12	FC2_400	Miri	Miri	Kuala Baram By Pass	4.555	114.072

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 24: Sarawak (8 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_401	Beluru	Beluru	PBH Lambir 2	4.192072	114.0384
2	FC2_402	Beluru	Beluru	SK Liam / Rh Ramba	4.16016	114.044
3	FC2_403	Beluru	Tinjar	Sungai Seputi	3.736745	114.11255
4	FC2_404	Beluru	Beluru	Ladang Kisi	3.988126	114.005316
5	FC2_405	Subis	Niah-Suai	Kg. Padang	3.90641	113.738888
6	FC2_406	Subis	Niah-Suai	Kg. Tarikan & SK Kg. Tarikan	3.831915	113.731195
7	FC2_407	Subis	Niah-Suai	Kg. Batu 38	3.884699	113.86147
8	FC2_408	Subis	Niah-Suai	Rh Webster, Sg Putih, Suai	3.662	113.568
9	FC2_409	Subis	Niah-Suai	Rh Abot (Rh Ami), Rh Meringai	3.620	113.588
10	FC2_410	Subis	Niah-Suai	Jln. Bakun Sg Tangap 3	3.685614	113.7464
11	FC2_411	Subis	Niah-Suai	Near to Koperasi Haji Moshidi Miri Berhad	3.811282	113.858718
12	FC2_412	Marudi	Telang Usan	Long Palai	3.043	114.851
13	FC2_413	Marudi	Mulu	Long Paloh	3.990501	114.501809

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 25: Sarawak (9 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_414	Julau	Julau	SK Serau	1.999336	111.814447
2	FC2_415	Julau	Julau	Ulu Lasi	1.93696	111.803
3	FC2_416	Julau	Julau	Rh Mok	1.978026	111.750107
4	FC2_417	Julau	Julau	Jln. Ng Lasi	2.002945	111.740972
5	FC2_418	Julau	Julau	Jln. Ng Lasi 2	1.948294	111.76283
6	FC2_419	Julau	Julau	Rh Bungkong Nanga Sejugam	1.927326	111.75076
7	FC2_420	Julau	Julau	Rh Marau Ulu Sejugam	1.957361	111.741755
8	FC2_421	Julau	Pakan	Rh Janti	1.893857	111.718344
9	FC2_422	Julau	Pakan	SK Ulu Entabai (Rh Japar Nanga Kemalih)	1.651975	111.820699
10	FC2_423	Julau	Julau	Kg. Sg Naman	2.072045	111.921785
11	FC2_424	Julau	Julau	SK Nanga Ju	1.708414	112.082028
12	FC2_425	Lubok Antu	Engkili	SK Tabut	1.257	111.573
13	FC2_426	Lubok Antu	Lubok Antu	Batang Ai & Hulu Delok	1.233786	112.028
14	FC2_427	Lubok Antu	Lubok Antu	SK Nanga Tibu, Rh David, Ng. Tibu, Ng. Stamang	1.29238	111.937
15	FC2_428	Pakan	Pakan	SK Nanga Kara	1.702	111.693
16	FC2_429	Pakan	Pakan	Ulu Entaih	1.687	111.726
17	FC2_430	Pakan	Pakan	SK Ulu Entaih	1.719	111.794
18	FC2_431	Pakan	Pakan	SK Ulu Pedanum	1.971	111.683
19	FC2_432	Pakan	Pakan	Genting Kopi	1.925	111.668

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 26: Sarawak (10 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_433	Sibu	Sibu	Kg. Banyok	2.267181	111.819033
2	FC2_434	Sibu	Sibu	Empawah Bukit Lan	2.289332	111.7186
3	FC2_435	Sibu	Sibu	SK Tanjung Bekakap	2.329113	111.661509
4	FC2_436	Sibu	Sibu	Pasar Siong Tengah	2.43711	111.98776
5	FC2_437	Sibu	Sibu	SK Assan Nunggang	2.080	111.851
6	FC2_438	Sibu	Sibu	Jln. Penyulau Lukut	2.136	112.061
7	FC2_439	Sibu	Sibu	Jln. Salim Stabau 2	2.153216	111.986432
8	FC2_440	Sibu	Sibu	Jln. Salim Stabau 3	2.197888	111.961629
9	FC2_441	Sarikei	Sarikei	Jln. Sungai Merudu	2.082	111.501
10	FC2_442	Sarikei	Sarikei	Jln. Sungai Rusa 1	2.033	111.511
11	FC2_443	Sarikei	Sarikei	Jln. Sungai Rusa 2	2.004	111.537
12	FC2_444	Sarikei	Sarikei	Kg. Bayong Sarikei	2.003397	111.494215
13	FC2_445	Sarikei	Sarikei	Rh Lampas, Tanah Putih	2.159721	111.5533
14	FC2_446	Sarikei	Sarikei	Rh Lauping Sungai Pasi	2.075974	111.475498
15	FC2_447	Sarikei	Sarikei	Sg. Baji	2.114072	111.505254
16	FC2_448	Sarikei	Maradong	Rh Panjang Meradong	2.16892	111.655651
17	FC2_449	Sarikei	Maradong	SJK Kai Sing	2.086067	111.705836

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 27: Sarawak (11 of 11)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_450	Saratok	Budu	Sg. Babang, SK Babang, Kg. Babang	1.73164	111.491
2	FC2_451	Saratok	Budu	SK Ulu Budu	1.760	111.575
3	FC2_452	Saratok	Saratok	SK Sg. Entebu	1.694	111.361
4	FC2_453	Saratok	Saratok	SK Klua Saratok	1.711	111.399
5	FC2_454	Saratok	Budu	SK Wong Besi	1.772561	111.479807
6	FC2_455	Saratok	Saratok	SK Nanga Abum, Sg. Entabu 2	1.694787	111.386652
7	FC2_456	Saratok	Saratok	Kg. Sg. Antu, Sg. Entabu 3	1.728	111.371
8	FC2_457	Meradong	Maradong	Jln. Ulu Mador	2.119674	111.738519
9	FC2_458	Meradong	Maradong	Kg. Meradong	2.142205	111.639989
10	FC2_459	Meradong	Maradong	Rh Bala Ak. Gawan, Sg. Emperan	2.033	111.727
11	FC2_460	Meradong	Maradong	Jln Bakong Meradong	2.097	111.651
12	FC2_461	Meradong	Maradong	Kg. Sg. Meradong	2.113	111.628
13	FC2_462	Meradong	Maradong	Kg. Bundong	2.201	111.633
14	FC2_463	Meradong	Maradong	Pakan Junction	2.059062	111.636498
15	FC2_464	Meradong	Maradong	Sg. Mador 2	2.09	111.76
16	FC2_465	Meradong	Maradong	Rh Labang, Sg. Tulai	2.174	111.681
17	FC2_466	Meradong	Maradong	SK Tulai	2.153681	111.703275

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 28: Terengganu (1 of 2)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_467	Dungun	Dungun	Kg. Tok Kah	4.827	103.350
2	FC2_468	Dungun	Dungun	Kg. Dendang Baharu	4.818	103.182
3	FC2_469	Dungun	Dungun	Kg. Baru Kuala Abang	4.823	103.401
4	FC2_470	Dungun	Dungun	Pulau Tenggol	4.803	103.680
5	FC2_471	Hulu Terengganu	Hulu Terengganu	Kg. Getang	5.180	103.037
6	FC2_472	Hulu Terengganu	Hulu Terengganu	Kg. Binjai Kertas	5.136	103.027
7	FC2_473	Hulu Terengganu	Hulu Terengganu	Kg. Tok Lawit	5.167	102.901
8	FC2_474	Hulu Terengganu	Marang	Kg. Temala	5.087	103.136
9	FC2_475	Hulu Terengganu	Hulu Terengganu	Kg. Temir	5.068	102.962
10	FC2_476	Hulu Terengganu	Hulu Terengganu	Kg. Buluh	5.063	103.007
11	FC2_477	Hulu Terengganu	Hulu Terengganu	Kg. Cheting	4.967	103.007
12	FC2_478	Kemaman	Kemaman	Kg. Sg. Timah	4.370	103.258
13	FC2_479	Kemaman	Kemaman	Kg. Batu 9, Ibok	4.354	103.391
14	FC2_480	Besut	Besut	Kg. Baru Tok Dor	5.667	102.647
15	FC2_481	Besut	Besut	Kg. Kepala Gajah	5.690	102.601
16	FC2_482	Besut	Besut	Kg. Tok Raja	5.764	102.513

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

Cluster 29: Terengganu (2 of 2)

NO	SITE ID	DISTRICT	UST NAME	SPECIFIED LOCATION IN THE UST	LATITUDE	LONGITUDE
1	FC2_483	Marang	Marang	Kg. Padang Limau Nipis	5.207	103.061
2	FC2_484	Marang	Marang	Kg. Gondang	5.185	103.125
3	FC2_485	Marang	Marang	Kg. Tertak Batu	5.171	103.171
4	FC2_486	Marang	Marang	Kg. Bukit Jejulong	5.135	103.152
5	FC2_487	Marang	Marang	Kg. Tok Muchong	5.122	103.112
6	FC2_488	Marang	Marang	Kg. Jenang	5.126	103.194
7	FC2_489	Marang	Marang	Kg. Pantai Mercang	5.036	103.292
8	FC2_490	Marang	Marang	Kg. Lubok Pandan	5.150	103.106
9	FC2_491	Kuala Terengganu	Serada	Kg. Bukit Tinggi	5.240	103.061
10	FC2_492	Kuala Terengganu	Belara	Kg. Batu Hampar	5.273	103.035
11	FC2_493	Kuala Terengganu	Hulu Terengganu	Kg. Teluk Pecung	5.071	102.996
12	FC2_494	Kuala Nerus	Kuala Nerus	Kg. Banggol Nyior	5.368	103.005
13	FC2_495	Setiu	Setiu	Kg. Bukit Layat	5.440	102.891
14	FC2_496	Setiu	Setiu	Kg. Jelapang	5.422	102.903
15	FC2_497	Setiu	Setiu	Kg. Pengkalan Gelap	5.670	102.718
16	FC2_498	Setiu	Setiu	Kg. Mangkok	5.624	102.795
17	FC2_499	Setiu	Setiu	Kg. Padang Serai	5.590	102.687
18	FC2_500	Setiu	Setiu	Kg. Bukit Lawang	5.209	102.966

Note:

1. The Interested Licensee is required to read and understand the requirements specified in paragraphs 3.2, 3.3 and 3.4 respectively, of this Invitation.
2. The Interested Licensee(s) may submit proposals to extend coverage to adjacent location(s) at minimal or no cost.

APPENDIX 2 – TOWER(S) SEARCH INFORMATION

To be submitted for each proposed site at a specified location.

Cluster : _____ District : _____
 UST : _____ State : _____

A. LOCATION INFORMATION

No.	Site ID	Specified Location	Estimated Population	Latitude	Longitude
1	FC2_001	Kg. Gembut (example)			
2	FC2_001(A)	Kg. Gembut (example)			

Assumption: 2 towers are required to cover the population in the Specified Location (Kg. Gembut) of the initial site (Site ID FC2_001)

No.	Site(s) ID	Adjacent Location(s) (if any)	Estimated Population	Latitude	Longitude
1	FC2_001(B)	Kg. Padang (example)			
2	FC2_001(C)	Kg. Padang (example)			
3	FC2_001(D)	Kg. Padang (example)			

Assumption: 3 towers are required to cover the population in the Adjacent Location to Kg Gembut (Kg. Padang). Site ID(s) used here shall make reference to the initial site (Site ID FC2_001)

Add rows if necessary

B. TOWER INFORMATION

Number of tower(s) proposed to cover the proposed location and adjacent location(s): 5 towers (example)

No.	Tower	Tower Height	Tower Type	Compound Size (L x W)	Latitude	Longitude	Type of Backhaul Transmission	Backhaul Capacity (per tower)	Additional Work(s) Required ⁵	Type of Power Supply

Add rows if necessary

⁵ Additional work(s) may include but is not limited to double handling, slope protection and additional access road. All work(s) must be specified and itemised in the BOQ and financial proposal.

APPENDIX 3 – TEMPLATE FOR FINANCIAL PROPOSAL

1. Detailed cost to design, supply and install tower(s) and its ancillaries:

No.	Tower	General and Preliminaries (RM)	Project Management (RM)	Site Planning and Design (RM)	Tower (RM)	Ancillaries (RM)	Additional Works (RM)	Total (RM)
<i>Please provide detailed and complete breakdown of all items*</i>								

Note: All prices shall be inclusive of any applicable tax imposed by the Government

**To be itemised explicitly and clearly*

2. Detailed cost to design, supply, install, test, commission and operate network service equipment and services related to providing minimum 3G and 4G cellular mobile services under the concept of RAN sharing:

- i. Detailed cost breakdown for the entire project (for CAPEX and OPEX), and by year and month (OPEX only); and
- ii. A clear explanation on the details of the ownership for all CAPEX items paid for by the USP Fund (including but not limited to the RNC and NOC).

Capital Expenditure (CAPEX)

No.	Tower	Equipment and System(s) (RM)	Backhaul (RM)	Antenna System(s) (RM)	Power Supply (RM)	Inter-operability Cost (RM)	Any other Relevant Cost (RM)	Total (RM)
<i>Please provide detailed and complete breakdown of all items*</i>								

Note: All prices shall be inclusive of any applicable tax imposed by the Government

**To be itemised explicitly and clearly*

Operational Expenditure (OPEX)

No.	Tower	Land Rental (RM)	Permit Fee(s) (RM)	Backhaul (RM)	Apparatus Assignment Fee(s) (RM)	Tower and Equipment Maintenance (RM)	Preventive/ Corrective Operations & Maintenance (RM)	Power Supply (RM)	Any other Relevant Cost (RM)	Total (RM)
<i>Please provide detailed and complete breakdown of all items*</i>										

Note: All prices shall be inclusive of any applicable tax imposed by the Government

**To be itemised explicitly and clearly*

Signed for and on behalf of

.....
 by [to be signed by the Chief Executive Officer or a person who holds an equivalent designation in the Interested Licensee]

APPENDIX 4 – OPERATIONS AND MAINTENANCE

The operations and maintenance includes operational checking and testing as well as cleanliness and tidiness of the site and equipment. Please provide an indication of resources dedicated for this purpose.

A. Regular or Preventive Maintenance

No.	Item	Manpower Per Site	Frequency	Description (If Relevant)
1.*	<i>e.g. Grass cutting</i>	1	<i>Once per month</i>	<i>Size of compound 7m by 7m</i>
2.*	<i>e.g Checking of electronic equipment</i>	2	<i>Once per month</i>	

*examples

B. Corrective Maintenance

No.	Item	Manpower Per Site	Response Time	Rectification Time

C. Contact Personnel :

D. Hotline/Contact No. :

E. Others :

APPENDIX 5 – REGISTRATION OF INTEREST FORM

[To be printed on Interested Licensee's Letterhead]

REGISTRATION OF INTEREST

To: **MALAYSIAN COMMUNICATIONS AND MULTIMEDIA COMMISSION**
MCMC Old Building, Off Persiaran Multimedia,
63000 Cyberjaya, Selangor
(Attention: Tender Secretariat)

Date:

Dear Sirs,

REGISTRATION OF INTEREST TO BE UNIVERSAL SERVICE PROVIDER FOR THE INSTALLATION OF NETWORK FACILITIES AND DEPLOYMENT OF NETWORK SERVICE FOR THE PROVISIONING OF PUBLIC CELLULAR SERVICES AT THE UNIVERSAL SERVICE TARGETS UNDER THE NFCP 2 INITIATIVE

Reference is made to the above and to the "Invitation to Register Interest as a Universal Service Provider – Ref. no. "MCMC/USPD/PDUD(01)/NFCP2/TC/11/19(09)" ("Invitation") issued by MCMC on [*to insert date*].

We hereby register our interest to be the Universal Service Provider pursuant to Regulation 5(1) of the Communications and Multimedia (Universal Service Provision) Regulations 2002 ("USP Regulations") in the Universal Service Targets specified below:

- a) Cluster No. xx / Number of Sites: xxx sites / State: xx
- b) Cluster No. xx / Number of Sites: xxx sites / State: xx
- c) Cluster No. xx / Number of Sites: xxx sites / State: xx

We are also aware that pursuant to regulation 6(1) of the USP Regulations, we are legally obliged to submit the Draft Universal Service Plan(s) for the Universal Service Target chosen above on or before the time frame specified in the Invitation.

Signed for and on behalf of

.....
by [*to be signed by the Chief Executive Officer or a person who holds an equivalent designation in the Interested Licensee*]

APPENDIX 6 – INFORMATION OF INTERESTED LICENSEE

Instructions: The submission shall be arranged in the following manner:

- A. Folder 1** All items (1 to 18) listed below
- B. Folder 2** Items 15, 16, 17 and 18 without the name/logo of the Interested Licensee. Failure to comply with this requirement may result in the disqualification of the Interested Licensee’s submission

1. Certified true copy of NFP(I) and NSP(I) licences
2. Full company name and registration number
3. Complete company address (registered and business address)
4. E-mail address
5. Website
6. Type of company
7. Date of incorporation
8. Date of commencement of operations
9. Issued and paid up capital (RM)* ordinary shares only
10. Identity of collaboration partner (if applicable)
11. Number of employees
12. Financial details
 - a) Assets (RM):
 - b) Liabilities (RM):
 - c) Net Worth (Assets – Liabilities) (RM):
13. Certified true copy of bank statements for the past three (3) consecutive months
14. Certified true copy of an audited accounts for the past five (5) consecutive financial years
15. A brief write-up of the Interested Licensee’s track record in handling previous USP projects (please specify the projects, scope of works and delivery timelines, if relevant) as shown in the table below:

No.	USP Project	Role Played	Scope of Work	Delivery Timeline
1.		<i>e.g: Designated Universal Service Provider / subcontractor</i>		

16. Track record and relevant experience in projects related to the provisioning of public cellular services (to provide evidential substantiation such as Letters of Award / Purchase Orders etc.) as shown in the table below:

No.	Project Name	Role Played	Client(s)	Scope of Work	Delivery Timeline / Year	Project Value (RM)
1.		<i>e.g: main / subcontractor</i>				

17. Number of tower(s) owned or provided by the Interested Licensee in the state where the Universal Service Target is located, if any, as shown in the table below:

No.	State	No. of Tower(s) Owned / Provided	Client	No. of Towers	Delivery Timeline / Year	Project Value (RM)

18. Brief information of project management team as shown in the table below:

No.	Name	Position and Roles in the Team	Experience (No. of Years – Relevant to this Project)	Certification (Relevant to this Project)	Remarks

APPENDIX 7 – SCOPE OF DRAFT UNIVERSAL SERVICE PLAN

(a) Technical proposal for each location:

SECTION	DESCRIPTION
SECTION A	EXECUTIVE SUMMARY
	Overview of the technical proposal.
SECTION B	TECHNICAL PROPOSAL
B1	Summary of the technical proposal.
B2	<p><u>Cluster No. xx / State: xx:</u></p> <p>Details of technical proposal:</p> <ul style="list-style-type: none"> • Site(s) ID in the specified location; • Tower(s) location (Lat/Long); • Tower(s) compound layout; • Implementation timeline; • Information on existing facilities and/or services; • Equipment type, configuration and capacity; • Details of supplier for materials and equipment; and • Please attach the proposed <u>BOQ (Appendix 3) for each site without name and price.</u> Failure to comply with this requirement may result in the disqualification of the Interested Licensee's submission. <p>Others (please specify clearly).</p>
B3	<ol style="list-style-type: none"> 1. Comprehensive details of RAN sharing solution for 3G and 4G services. 2. Proposed network block diagram for RAN sharing solution(s). 3. Network topology for interoperability and interconnection for the overall network: <ul style="list-style-type: none"> • UST and location name; • Tower(s) location(s); • Location of Point of Interconnect; • Location of RNC and NOC; • Bandwidth dimensioning; and • Others (please specify clearly).

SECTION	DESCRIPTION
	4. Proposed comprehensive operations and maintenance plan (as per Appendix 4 of this Invitation).

(b) Financial proposal for each site:

SECTION	DESCRIPTION
SECTION A	EXECUTIVE SUMMARY
A	<u>Cluster No. xx / State: xx:</u> Overview of the financial proposal.
SECTION B	FINANCIAL PROPOSAL
B1	Summary of the financial proposal: Please refer to Appendix 3 of this Invitation. The financial proposal template to be duly signed and stamped by the Chief Executive Officer (CEO), or a person who holds an equivalent designation in the Interested Licensee.
B2	Site(s) ID in a specified location: <ul style="list-style-type: none"> • Please attach the proposed BOQ for each site.
SECTION C	OTHER INFORMATION
	Other information deemed necessary.

APPENDIX 8 – CLAIM SCHEDULE

All claims shall be made pursuant to the USP Regulations and shall be based on the relevant percentage of progress and the fulfilment of the conditions stipulated below:

1. Capital Expenditure (“CAPEX”)			
No.	Claim (%)	Description	Conditions
1.	15	Advance Payment Claim	<p>Submission of the claim(s) shall be in the form and format specified by the Commission and shall be made upon:</p> <ul style="list-style-type: none"> a) Receipt of Designated Universal Service Provider’s acceptance of the Notification of Approval; and b) Acceptance of the Performance Bond by the Commission.
2.	30	First Progress Payment Claim	<p>Submission of the claim(s) shall be in the form and format specified by the Commission and shall be made upon:</p> <ul style="list-style-type: none"> a) Completion of tower(s) erection work at the relevant site at a specified location; and b) Declaration of the completion of work for this particular project milestone at the relevant site at the specified location.
3.	40	Second Progress Payment Claim	<p>Submission of the claim(s) shall be in the form and format specified by the Commission and shall be made upon 3G and 4G services at UST(s) being confirmed as being “on air” and available for use by the end user.</p> <p>Declaration of the completion of work for this particular project milestone at the relevant site at the specified location.</p>

1. Capital Expenditure (“CAPEX”)			
No.	Claim (%)	Description	Conditions
4.	15	Final Payment Claim	<p>Submission of the claim(s) shall be in the form and format specified by the Commission and shall be made 12 months AFTER the date of Declaration of the site being “on air” and available for use by the end user is received by the Commission.</p> <p>Declaration of the completion of work for this particular project milestone at the relevant site at the specified location.</p> <p>The submission of the final payment claim(s) shall also be accompanied by a declaration of an external licenced auditor appointed by the Designated Universal Service Provider to certify that the Work has been delivered and that all claims made have been verified to be accurate and true.</p>
Total	100		

2. Operational Expenditure (“OPEX”)			
No.	Claim (%)	Description	Conditions
1.	100	Quarterly Claim [throughout the period of five (5) years Operational Period]	Submission of the quarterly claim(s) shall be in the form and format specified by the Commission and accompanied by a Declaration by the Designated Universal Service Provider.

Note:

The submission of yearly claim(s) pursuant to regulation 20 of the USP Regulations shall be accompanied by an audited income and expense statement for the Project, based on the International Standards on Auditing (ISA) as specified in subparagraph 3.22(c).