



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 AND DEPLOYMENT OF NETWORK FACILITIES AND
NETWORK SERVICES FOR THE PROVISIONING OF PUBLIC CELLULAR
SERVICES AT THE UNIVERSAL SERVICE TARGETS UNDER
THE *JALINAN DIGITAL NEGARA (JENDELA) 2* INITIATIVE**

Ref. no.: SKMM/USPD/UPD/190_JEN2/Invitation(J2/PCS/2026)

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ABBREVIATIONS

3GPP	-	3 rd Generation Partnership Project
AC	-	Alternating Current
ASP(C)	-	Applications Service Provider (Class) Licence
BOQ	-	Bill of Quantities
BSC	-	Base Station Controller
CAPEX	-	Capital expenditure
CIDB	-	Construction Industry Development Board
DUSP	-	Designated Universal Service Provider
EPC	-	Evolved Packet Core
ID	-	Identification
JENDELA	-	<i>Jalinan Digital Negara</i>
KPI	-	Key Performance Index
LAT	-	Latitude
LONG	-	Longitude
MOCN	-	Multi Operator Core Network
NFP(I)	-	Network Facilities Provider (Individual) Licence
NSP(I)	-	Network Service Provider (Individual) Licence
OPEX	-	Operational expenditure
RAN	-	Radio Access Network
SEB	-	Sarawak Energy Berhad
SESB	-	Sabah Electricity Sdn Bhd
SRSP	-	Standard Radio System Plan
TNB	-	Tenaga Nasional Berhad
USP	-	Universal Service Provision
USP Fund	-	Universal Service Provision Fund
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], all subsidiary legislation and instruments issued, made or given by the Minister or the Commission.

- a) "Act" means the Communications and Multimedia Act 1998 [Act 588].
- b) "4G" means Fourth generation of mobile networks.
- c) "5G" means Fifth generation of mobile networks.
- d) "Approved Cost" means the total cost approved by the Commission for the implementation of the Universal Service Plan by the Designated Universal Service Provider in accordance with USP Regulations.
- e) "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.
- f) "Bill of Quantities" or "BOQ" means a prescribed document provided by the Commission as set out in **Appendix 7** in which materials, parts, equipment, and cost of labour are itemised. The BOQ shall be priced in Ringgit Malaysia and shall be inclusive of any applicable tax imposed by the Government of Malaysia. The sum of the amounts stated in the BOQ shall represent the total cost for each location in every Cluster.
- g) "Cluster" means a grouping of several locations determined by the Commission for the purpose of planning and implementation of the Project.
- h) "Commission" means the Malaysian Communications and Multimedia Commission established under the Malaysian Communications and Multimedia Commission Act 1998 [Act 588].
- i) "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 6** of this Invitation.
- j) "Completion Report" means a report to be compiled and maintained by the Designated Universal Service Provider on the completion of Work (as defined herein) for each location (as defined herein) for at least 7 years from the submission of the Declaration (as defined herein).

- k) "Coverage Objective" means a specific site area and target communities for the provision of network services under the Project.
- l) "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 6** 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.
- m) "Designated Universal Service Provider" (herein after referred to as DUSP) means any Interested Licensee (as defined herein) designated by the Commission under regulation 9 of the USP Regulations pursuant to this Invitation.
- n) "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.
- o) "Drawings" means the engineering drawings provided by the Commission, as set out in **Appendix 8**. These Drawings shall be referred to by the Interested Licensee for the purpose of pricing the BOQ and preparing the Draft Universal Service Plan.
- p) "Federal Territory" means any of the three (3) Federal Territories of Malaysia i.e. Kuala Lumpur, Putrajaya, and Labuan, as established under the Federal Constitution of Malaysia.
- q) "Government" means the Government of Malaysia.
- r) "Interested Licensee" means any Licensee who meets the eligibility criteria set pursuant to subregulation 5(2)(ga) of the USP Regulations and register its interest to respond to this Invitation.
- s) "Licensee" means a person who either holds an individual licence or undertakes activities which are subject to a class licence, granted under the Act.
- t) "Location" means the specific site identified by the Commission where the Designated Universal Service Provider is required to install, deploy and commission the infrastructure and services in accordance with the Approved Universal Service Plan.
- u) "Network service equipment" includes but is not limited to, radio equipment, rectifier system, backup battery, intruder alarm system, outdoor equipment cabinet, backhaul transmission system, antenna system, horizontal gantry BSC,

EPC, and AC power distribution board system.

- v) “Notification of Approval” means a notification issued by the Commission to the Designated Universal Service Provider pursuant to regulation 9 of the USP Regulations.
- w) “Public cellular services” means an application service involving a network of base stations or cells for the delivery of voice and data communications. Under this Invitation, the technology to be provided is 4G and 5G services.
- x) “Project” means the installation of network facilities and deployment of network service for the provisioning of public cellular services.
- y) “Relevant Authorities” includes but is not limited to, the Department of Orang Asli Development (JAKOA), the Fire and Rescue Department of Malaysia (BOMBA), the Civil Aviation Authority of Malaysia (CAAM), the power supply providers (for example SEB, SESB and TNB), the Department of Survey and Mapping Malaysia, the Forestry Department and local authorities.
- z) “Site” in the context of this Invitation means a tower for the provisioning of public cellular services at the specified location in the UST as specified in **Appendix 1** of this Invitation.
- aa) “State” refers to any of the thirteen (13) constituents’ States of Malaysia as defined under the Federal Constitution of Malaysia.
- bb) “Technical Specifications” means the detailed document in **Appendix 9**, issued by the Commission that sets out the technical, functional, and performance requirements for materials, equipment, workmanship, and services to be provided under the Draft Universal Service Plan. The Technical Specifications shall be referred to by the Interested Licensees when pricing the BOQ and shall form part of the Approved Universal Service Plan.
- cc) “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 surface/reinforced concrete surface, perimeter drainage, gate, electrical pit, basic grounding and earthing system, where applicable. It also includes 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 fence consisting of cage and barb wire, aircraft warning lights complete with bolts and nuts and brackets for aviation lights and

lightning arrestor.

- dd) “Sustainable energy” means the usage of sources of energy that are clean and renewable sources, that have no or minimal adverse impact on the environment.
- ee) “Universal Service Target or UST” means an underserved area and/or an underserved group within the community.
- ff) “USP Regulations” means the Communications and Multimedia (Universal Service Provision) Regulations 2002.
- gg) “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.

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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 the Universal Service Targets under Notification Ref. No: NT/USP/2/02, Ref. No: NT/USP/1/04, Ref. No: NT/USP/08/01, Ref. No: NT/USP/01/11, and Ref. No: NT/USP/01/21 respectively.
- 1.3 This Invitation is the initiative to enhance the quality, coverage, and performance of public cellular services, in particular to address coverage gaps in populated areas that remain underserved or without adequate cellular coverage.
- 1.4 This Invitation is made pursuant to subregulations 3(1), 5(1) and 5(2) of the USP Regulations (herein after refer to as Invitation) to invite all Licensees to register their interest to be the DUSP, for the installation of network facilities and deployment of network service for the provisioning of Public Cellular Services (herein after refer to as Project) at the locations specified in **Appendix 1** of this Invitation. No change of location(s) is permissible under this Invitation unless with the written consent of the Commission.
- 1.5 Under this Invitation, the network services to be provided shall comprise public cellular voice and data services i.e. 4G services or a combination of 4G and 5G services (where feasible), and to be delivered via a six (6)-way MOCN Radio Access Network (RAN) sharing arrangement.
- 1.6 The latitude(s) and longitude(s) provided in **Appendix 1** of this Invitation are meant to serve as reference points only to enable the Interested Licensee to identify the said locations in the relevant USTs.
- 1.7 The Interested Licensee is required to propose to the Commission the best network design to serve the identified location(s). As such, the Interested Licensee shall be required to optimise the network design and the installations for this purpose to be as cost-effective as possible.

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:

Part 1

2.1.1 To design, supply, deliver, and install the communications Tower(s) and its ancillaries required to support the provision of the public cellular services.

Part 2

2.1.2 To design, supply, install, test, commission, and operate network service equipment and services related to provisioning of 4G and 5G services, power system together with the RAN radio equipment under the concept of 6-Way MOCN RAN sharing.

2.2 The DUSP for Part 1 and Part 2, respectively, shall communicate, coordinate, and cooperate in a professional manner in undertaking and executing this Project for the designated cluster(s). This shall include, but not be limited to, the sharing of relevant Project information, the review and conduct of joint site surveys for the purposes of site acquisition and finalisation, and the resolution of all relevant issues that may arise during the Project implementation period.

2.3 The DUSP for Part 1 and Part 2 shall ensure that all necessary and complete approvals from the relevant local authorities are obtained and transferred from the Part 1 DUSP to the Part 2 DUSP when the site is handed over from the Part 1 DUSP to the Part 2 DUSP. Part 2 DUSP shall bear the responsibility thereafter of ensuring that the annual renewal of each site permit in a given Cluster is undertaken in a timely manner.

2.4 The DUSP for Part 1 is expected to transfer the tenancy agreement to the Part 2 DUSP when it hands over the site to the latter. The Commission bears no responsibility or liability for the failure of either DUSPs to ensure that all required, necessary, and complete approvals have been obtained, furnished, transferred and renewed between the DUSPs and/or to any third party.

2.5 The scope of work for Part 1 DUSP and Part 2 DUSP are further explained in Paragraphs 3, 4, and 5 of this Invitation below.

3. GENERAL SCOPE OF WORK FOR PART 1 AND PART 2

3.1 This scope of work describes the requirements, timeline, documents, and reports for the DUSP. The Interested Licensee shall comprehend, comply with, and fulfil all obligations specified herein.

General Requirements

3.2 In preparing a comprehensive technical proposal for this Project, the Interested Licensee shall study the documents¹, undertake site surveys and site evaluations for the purposes of installing network facilities and deploying network services to cost-effectively provide coverage at the specified locations(s) in the UST, by taking into consideration the population coverage and distribution at all locations.

3.3 The Interested Licensee shall be required to submit the following information in its Draft Universal Service Plan:

3.3.1 The exact latitude and longitude for each tower that is proposed to be deployed;

3.3.2 The specific coverage objective within the identified UST that will be served via cellular coverage by a particular tower;

3.3.3 The population coverage and distribution within the identified UST that will be served by a particular tower;

3.3.4 The source of power supply to be utilised shall prioritise the use of commercial power supply (CPS) where available. In the event that CPS is not available or feasible, the Interested Licensee may utilise alternative energy sources (e.g., solar power supply). The Interested Licensee is strongly encouraged to adopt sustainable energy source(s) where practicable;

3.3.5 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

¹ Documents provided in this Invitation are the Site Survey Report, Drawings, Bill of Quantities, and Technical Specifications.

means); and

- 3.3.6 Detailed implementation plan with work breakdown.
- 3.4 The Interested Licensee shall propose to the Commission the most optimal network design to provide optimum coverage to the population (by specifically taking into consideration the population distribution) at all the locations, as specified in **Appendix 1** of this Invitation.
- 3.5 The Interested Licensee shall propose the best solution for each of the site and complete the Bill of Quantities with the prices for the proposed solution, ensuring that the selected configuration provides coverage to the population, is cost-effective and competitively priced, and is technologically and environmentally sustainable, in order to optimise the efficiency of investments made via the USP Fund.
- 3.6 To fulfill the network design, the Interested Licensee may incorporate site-specific customisation to optimise coverage and performance. Such customisation may include, but is not limited to, tower height, tower loading, and site layout, taking into consideration the population density, capacity, and coverage requirements of a particular site, and the Specifications provided in this Invitation. All selections made by the Interested Licensee shall be at their own risk, and the Commission shall not be liable for any cost overruns, technical incompatibilities, or performance shortfalls arising from the Interested Licensee's proposed solutions.
- 3.7 The Interested Licensee for Part 1 may, where deemed necessary, enter into collaborative arrangements, including engagements with the Interested Licensee under Part 2, for the purpose of jointly preparing and aligning its respective design proposals for the submission of the draft Universal Service Plan. Such engagements are encouraged to facilitate better coordination, technical compatibility, and overall efficiency in the proposed implementation, including site planning and integration aspects.
- 3.8 Notwithstanding any collaborative engagement undertaken, each Interested Licensee shall remain fully and individually responsible for the completeness, accuracy, and compliance of its submission with all requirements specified by the Commission.
- 3.9 The Interested Licensee shall refer to the Bill of Quantities format (**Appendix 7**), Drawings (**Appendix 8**), Technical Specifications (**Appendix 9**) and Site Survey Report (**Appendix 10**) provided in this Invitation for **information only**, including estimated tower height. These documents are intended to serve as reference materials to assist in the planning and proposal process for each

location within every Cluster.

- 3.10 The total Approved Cost pursuant to this Invitation shall be on a fixed-price, lump sum basis. The total Approved Cost shall cover the full and complete performance of all works, services, obligations, and requirements set out in this Invitation, including all incidental and ancillary works necessary to deliver a fully operational solution, whether or not expressly described in the General Terms and Conditions of this Invitation.
- 3.11 The DUSPs shall be required to adhere to all local laws and regulations that are legally binding in any State and Federal Territory.
- 3.12 The Commission bears no responsibility or liability for the failure of either Part 1 and Part 2 DUSPs to ensure that all required, necessary, and complete approvals have been obtained, furnished, transferred, and renewed between the DUSPs and/or to any third party and to ensure that the site tenancy agreements are in order and payments are promptly settled.

4. DETAILED SCOPE OF WORK FOR PART 1 DUSP

- 4.1 The Part 1 DUSP shall be responsible for, but not limited to, the following:

No	Detailed scope of work
1.	Conduct actual site surveys and site evaluations with the Part 2 DUSP for the finalisation of all sites and specification(s). The site surveys is for the purpose of identification of suitable site, site acquisition, and commercial power connection, which includes verifying land ownership and legal status, assessing site accessibility and suitability for acquisition, identifying proximity to existing utility infrastructure, liaising with utility providers to determine connection feasibility and requirements, and validating all relevant site-related information provided in the Invitation document.
2.	Site acquisition and completion of tenancy agreement with the relevant landowner(s) for all sites.
3.	Obtain all the necessary approvals from the local authority or other Relevant Authorities before commencing the Project.
4.	Installation of the communication tower(s) and its ancillaries in accordance with the Approved Universal Service Plan.
5.	Shall promptly notify the Part 2 DUSP in writing and copy to the Commission, when the Tower(s) and its ancillaries at each location are completed and ready for handover. This is to allow Part 2 DUSP to undertake and implement its scope of work specifically.

	<p>Part 1 DUSP shall ensure that all necessary and complete approval(s) from the relevant local authorities have been obtained, and are transferred to the Part 2 DUSP, when the site is handed over from the Part 1 DUSP to the Part 2 DUSP.</p> <p>The Part 1 DUSP shall also transfer the tenancy agreement to the Part 2 DUSP upon site handover, or alternatively, provide full details of the landowner to enable the latter to novate the agreement or enter into a new agreement.</p> <p>The Part 2 DUSP shall bear the responsibility after taking over the site in ensuring that the annual renewal of each site permit in a given Cluster is undertaken in a timely manner, and ensure that the rental for the site is duly settled in a timely manner.</p>
6.	Submission of the Declaration for the completion of work for every Project milestone for CAPEX, as shown in Appendix 6 (Claim Schedule).

4.2 The Completion Report shall be submitted by Part 1 DUSP upon request by the Commission. The Completion Report shall consist of, including but not limited to the following:

- 4.2.1 as-built drawing(s) endorsed by a Professional Engineer with Practising Certificate (PEPC) for the civil and structural aspects of the site(s);
- 4.2.2 soil investigation report(s);
- 4.2.3 cube test result(s);
- 4.2.4 a copy of the relevant local authority approval and approvals from other related agencies;
- 4.2.5 a copy of the stamped tenancy agreement;
- 4.2.6 technical site survey report;
- 4.2.7 overall site design;
- 4.2.8 tower structure view;
- 4.2.9 panoramic view from the top of the tower;
- 4.2.10 site access details;
- 4.2.11 Site Acceptance Test (SAT) report(s) undertaken with Part 2 DUSP;
- 4.2.12 proof of site(s) handover to Part 2 DUSP and the acceptance by Part 2 DUSP; and

4.2.13 detailed BOQ for the relevant site.

Implementation Period

4.3 The maximum implementation period for Part 1 DUSP **shall not exceed twelve (12) months** from the commencement date specified in the Notification of Approval issued by the Commission. The high-level overview of the twelve (12) months implementation period is shown in the table below:

Milestone No.	Month	General Description
1	4	<p><u>Preliminaries</u></p> <ul style="list-style-type: none"> • Finalisation of the proposed site location and confirmation of site suitability with Part 2 DUSP via a joint site survey. • Engagement with and acquisition of the site from the landowner(s), including execution of necessary agreements. • Conduct site survey and technical assessment. • Submission and obtain the necessary approvals, permits, and clearances from local authorities and/or other relevant authorities. • Coordination with relevant stakeholders and authorities to facilitate project implementation.
2	3	<p><u>Foundation</u></p> <ul style="list-style-type: none"> • Site clearing and preparation works. • Construction of tower foundation in accordance with the approved design and specifications. • Installation of supporting civil infrastructure, including fencing, drainage systems, and access roads. • Completion of all civil and structural works necessary to support the tower infrastructure
3	3	<p><u>Tower erection</u></p> <ul style="list-style-type: none"> • Delivery and installation of structural components. • Assembly and erection of the tower structure, including platforms, ladders, and safety systems. • Completion of the tower structure and verification of structural integrity in accordance with the approved specifications.
4	2	<p><u>Handover</u></p> <ul style="list-style-type: none"> • Testing and commissioning of the completed infrastructure.

		<ul style="list-style-type: none"> • Rectification of any identified defects or non-compliance. • Submission of the required declaration and supporting documentation to the Commission. • Handover of the completed infrastructure to the Part 2 DUSP(s) for deployment of network equipment and service provisioning.
Total	12	

Report to the Commission

- 4.4 During the Project implementation timeline, pursuant to regulation 13 of the USP Regulations, the Part 1 DUSP shall submit a report on the progress of the implementation of the Approved Universal Service Plan on a **weekly basis** to the Commission. The weekly report(s) shall be furnished in the form and format specified by the Commission.

Insurance and Warranty

- 4.5 The Part 1 DUSP shall be responsible for providing warranties and insurance for the items stipulated below:

Warranty

- 4.6 Tower(s) structure:
- 4.6.1 Period of warranty as provided by the manufacturer/supplier to be disclosed clearly in writing to the Commission, if required. The warranty provided shall benefit both the Part 1 and Part 2 DUSPs.
 - 4.6.2 Other items such as concrete plinth for cabin/outdoor equipment and genset system, basic grounding and earthing systems, civil works and drainage system, fencing system and entrance gate and access road.
 - 4.6.3 Warranties for all of these items for a period of twelve (12) months from the date of handover to Part 2 DUSP.
- 4.7 Part 1 DUSP shall immediately repair or replace any faulty items at its own cost, during the warranty period.
- 4.8 In the event of vandalism, the Part 1 DUSP shall be responsible for immediately rectifying and/or replacing any affected network facilities at its own cost.

Insurance

- 4.9 Part 1 DUSP is required to take the 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).
- 4.10 The relevant insurances must also be procured and maintained during the Implementation Period of this Project. Failure on the part of the Part 1 DUSP to comply with this requirement shall result in the Part 1 DUSP being solely responsible for any liabilities and/or losses that may arise.
- 4.11 Type of insurance to be provided by the Part 1 DUSP, where applicable, and not limited to the following:
- 4.11.1 Insurance against personal injuries and damage to properties
- The DUSP shall procure and maintain insurance coverage for third-party personal injury and property damage at all work sites, in accordance with:
- Malaysia's Civil Law Act 1956
 - Insurance Act 1996
 - Minimum coverage for third-party liability: RM 1 million per occurrence or as otherwise directed by the Commission
- 4.11.2 Workmen's Compensation Insurance and/or SOCSO
- All labour deployed must be insured under the Workmen's Compensation Act 1952 or covered by SOCSO (PERKESO). The Part 1 DUSP shall:
- Register all employees with SOCSO
 - Maintain up-to-date contributions
 - Ensure foreign workers are legally employed in accordance to immigration requirements and are covered under approved private insurance where applicable
- 4.11.3 Insurance of Works (CAR)
- A valid DUSP's Construction All Risks (CAR) insurance policy shall be maintained from the commencement of site work until Project handover to Part 2 DUSP, covering:
- Material damage to permanent and temporary works
 - Plant and equipment

- Legal liability to third parties

Minimum coverage shall be in accordance with CIDB Malaysia guidelines and not less than the full contract value and shall comply with industry standards and regulatory expectations.

4.11.4 Insurance for Equipment

The DUSP shall insure all major equipment and materials from the point of dispatch to final commissioning. Coverage must include:

- Transit and storage insurance
- Theft and fire protection
- Installation risk

Insurance policies shall comply with MS ISO 39001: Road Traffic Safety Management and other relevant logistics risk management practices.

5. DETAILED SCOPE OF WORK FOR PART 2 DUSP

5.1 The Part 2 DUSP shall be responsible for, but not limited to, the following:

No	Detailed scope of work
1.	<p>Conduct actual site surveys and site evaluations with the Part 1 DUSP for finalisation of all sites and specification(s).</p> <p>The site survey is for the purpose of identification of suitable site, site acquisition, and commercial power connection, which includes verifying land ownership and legal status, assessing site accessibility and suitability for acquisition, identifying proximity to existing utility infrastructure, liaising with utility providers to determine connection feasibility and requirements, and validating all relevant site-related information provided in this document.</p>
2.	<p>Ensure that the tenancy agreement remains valid throughout the operational life of the tower sites with the relevant landowner(s).</p>
3.	<p>Obtain all the necessary approvals from the relevant local authority or other Relevant Authorities before commencing the Project.</p> <p>The Part 2 DUSP shall bear the responsibility after taking over the site in ensuring that the annual renewal of each site permit in a given Cluster is undertaken in a timely manner, and ensure that the rental for the site is duly settled in a timely manner.</p>

No	Detailed scope of work
4.	Application and installation of uninterrupted power supply, including installation of necessary infrastructure (example poles and cables) to ensure availability of services at all times, twenty-four (24) hours per day, seven (7) days a week).
5.	Installation of network service equipment and its ancillaries.
6.	Proposed a 6 - Way - MOCN RAN sharing solution for the provisioning of public cellular services for 4G, or 4G and 5G services.
7.	Interoperability and integration with other cellular mobile networks for a 6-way MOCN RAN sharing arrangement.
8.	The network and transmission shall be designed to support the required capacity for 4G, or 4G and 5G services (where feasible) (as shown in Appendix 4 of this Invitation).
9.	Proposed a comprehensive backhaul solution, prioritising fibre optic connectivity (including fixed links and fibre cabling) for designated towers, or by microwave links where fibre deployment is not feasible.
10.	In the event that fibre optic and microwave backhaul deployment are not feasible, the Part 2 DUSP may utilise satellite-based backhaul services strictly as a last option in areas with no line-of-sight (LOS) or proximate fibre infrastructure.
11.	Testing and commissioning of the entire network, which shall encompass the radio equipment at a particular site up to the core network.
12.	When a particular site is declared to be “on air”, the DUSP shall furnish the Commission with a Declaration for the completion of work for every Project milestone for CAPEX and OPEX, as shown in Appendix 6 of this Invitation.
13.	Undertake operations and maintenance for two (2) years (“Operational Period”) when a particular site is declared to be “on air”.
14.	The Part 2 DUSP shall bear the responsibility of ensuring that the annual renewal of each site permit in a given Cluster is undertaken in a timely and orderly manner. The Commission bears no responsibility or liability for the failure of the Part 2 DUSP to ensure the renewal of site permitting from the relevant local authorities for all sites designated to it under this Project.

No	Detailed scope of work
15.	Submission of operations and maintenance report to the Commission, which consists of the network performance report, Quality of Service (QoS) KPI chart, daily uptime report, and maintenance schedule, in the form and format specified by the Commission during the monthly progress report.

5.2 The Completion Report shall be submitted by Part 2 DUSP upon request by the Commission. The Completion Report shall consist of, including but not limited to:

- 5.2.1 as-built drawing(s) endorsed by a Professional Engineer with Practicing Certificate (PEPC),
- 5.2.2 soil investigation report(s),
- 5.2.3 cube test result(s),
- 5.2.4 a copy of the relevant local authority approval and approvals from other related agencies,
- 5.2.5 a copy of the stamped tenancy agreement,
- 5.2.6 the exact latitude and longitude for each site,
- 5.2.7 technical site survey report,
- 5.2.8 overall site design,
- 5.2.9 tower structure view,
- 5.2.10 panoramic view from top of tower,
- 5.2.11 detailed backhaul information and relevant document(s),
- 5.2.12 electrical and earthing system,
- 5.2.13 power supply information and relevant document(s),
- 5.2.14 original single site optimisation report which shall include but is not limited to the voice call test,
- 5.2.15 throughput test results,
- 5.2.16 coverage measurement and other relevant test(s) in accordance to the requirements stipulated in this Invitation,
- 5.2.17 overall site photo(s) including equipment installed,
- 5.2.18 site access details; and
- 5.2.19 detailed BOQ for the relevant site.

5.3 During the Operational Period, Part 2 DUSP shall not impose any charges to the six (6) cellular mobile service providers that seek access to infrastructure sharing at all sites. Nevertheless, the inclusion of additional cellular mobile service providers, i.e. other than the said six (6) cellular mobile service providers, is permissible on a commercial basis during the Operational Period, subject to adherence to the provisions of the USP Regulations.

- 5.4 Upon the cessation of the Operational Period, when no claims are made from the USP Fund for the operating expenditure, the Part 2 DUSP may impose reasonable charges to cover operational expenditure for the site(s) on a commercial basis to all cellular mobile service providers.
- 5.5 The Commission Determination on Access List (Determination No. 6 of 2021) and the Commission Determination on the Mandatory Standard on Access (Determination No. 1 of 2021) and any revisions made thereafter shall be applicable here.
- 5.6 The Part 2 DUSP is required to submit all undertaking(s) or duly signed and stamped partnership agreements between the Part 2 DUSP Service Provider and/or other established public cellular service providers, which hold radio spectrum for the provisioning of public cellular services (4G and/or 5G services) through any MOCN RAN sharing approach, and the public cellular services to end users. A certified true copy of the partnership agreements shall be furnished to the Commission within **one hundred eighty (180) days** from the commencement date of this Project.
- 5.7 The Part 2 DUSP shall ensure that the site configuration and facilities provided shall have the capability to provide 4G or 4G and 5G services using the relevant band(s) of public cellular network providers in Malaysia, with the capability of providing voice and data services at the required broadband speed.
- 5.8 The Part 2 DUSP shall ensure 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. The source of power supply to be utilised shall be through commercial power supply or other energy sources (i.e. solar power supply). In the event there is no permanent power supply, an alternative cost-effective power supply must be installed to provide an uninterrupted power supply and ensure availability of services at all times.
- 5.9 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 Part 2 DUSP.
- 5.10 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 all other relevant standards as and when issued by the Commission.

Implementation Period

- 5.11 The commencement date for Part 2 DUSP shall be immediately on the date(s) of handover of each site by the Part 1 DUSP of the Project.
- 5.12 The maximum implementation period for Part 2 DUSP **shall not exceed twelve (12) months** from the commencement date specified in the Notification of Approval issued by the Commission. The high-level overview of the twelve (12) months implementation period is shown in the table below:

Milestone No.	Month	General Description
1	4	<p><u>Preliminaries</u></p> <ul style="list-style-type: none"> • Upon site handover by the Part 1 DUSP, the Part 2 DUSP shall review and confirm the technical readiness of the site, including space allocation, infrastructure compatibility, and access requirements. • Coordination with relevant stakeholders to facilitate site access and preparation for equipment deployment.
2	2	<p><u>Power supply</u></p> <ul style="list-style-type: none"> • Submission and obtaining the necessary approvals and clearances from the relevant authorities or utility providers for power supply provisioning. • Installation of power supply infrastructure, including power connection, electrical cabling, distribution board, grounding system, and related equipment. • Deployment of backup power systems where required, including batteries or other supporting power systems. • Testing, commissioning, and verification of power supply readiness to ensure stable and reliable operation of telecommunications equipment.
3	3	<p><u>Core, POI, equipment readiness and backhaul</u></p> <ul style="list-style-type: none"> • Delivery, installation, and commissioning of radio access network (RAN) equipment at the site. • Configuration and preparation of core network connectivity and Point of Interconnect (POI), where applicable. • Backhaul provisioning and installation, including fibre, microwave, or other transmission solutions.

		<ul style="list-style-type: none"> • End-to-end backhaul integration with the core network infrastructure. • Conduct feature testing and system verification to ensure network readiness prior to service activation.
4	3	<p><u>RAN integration and on-air</u></p> <ul style="list-style-type: none"> • Conduct CME survey and minor civil and mechanical works, where necessary, to support equipment installation. • Delivery, installation, and integration of telecommunications equipment at the site. • Implementation of interoperability integration to ensure compatibility with participating network operators. • RAN integration and activation (on-air) of the site through the 6-way MOCN RAN sharing arrangement. • Conduct single-site verification and optimisation to ensure network performance meets the required service standards. • Completion of site verification, documentation, and self-declaration confirming readiness for service operation.
Total	12	

Report to the Commission

5.13 During the Project implementation timeline, pursuant to Regulation 13 of the USP Regulations, the Part 2 DUSP shall submit a report on the progress of the implementation of the Approved Universal Service Provision Plan on a **weekly basis** to the Commission. The weekly report(s) shall be furnished in the form and format specified by the Commission.

Operational Period

5.14 The Part 2 DUSP shall be responsible to provide operations and maintenance for two (2) years from the Completion Date of the Project ("**Operational Period**"), which includes:

5.14.1 Submit a report on the progress of the Operational Period on a **monthly basis** in the form and format specified by the Commission. The information shall include, but is not limited, to the following:

- a) The DUSP shall obtain the number of subscribers for each location from each respective public cellular service provider;

- b) 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;
- c) Detailed operational costs incurred for each location for service provisioning; and
- d) Voice call and data usage traffic information for each location under the Project.

Insurance and Warranty

5.15 The Part 2 DUSP shall be responsible for providing warranties and insurance for the items stipulated below:

Warranty

5.16 Tower(s) structure:

5.16.1 Period of warranty as provided by the tower manufacturer/supplier to be disclosed clearly in writing, to the Commission if required. The warranty provided shall benefit both the Part 1 and Part 2 DUSPs.

5.17 Tower(s), ancillaries, and network service equipment:

5.17.1 The period of warranty shall be for a minimum of two (2) years from the completion of Part 2 until the end of the Operational Period.

Insurance

5.18 The Part 2 DUSP shall, at its own cost, take all necessary measures to plan for contingencies, including the procurement and maintenance of comprehensive insurance (including, but not limited to, insuring all assets, and having adequate public liability insurance coverage).

5.19 The relevant insurances must also be procured and maintained at all times by the Part 2 DUSP, both during implementation and subsequent to the completion of this Project. Failure on the part of the Part 2 DUSP to comply with this requirement shall result in the Part 2 DUSP being solely responsible for any liabilities and/or losses that may arise.

5.20 Type of insurance to be provided by the Part 2 DUSP;

5.20.1 Insurance against Personal Injuries and damage to properties.

The DUSP shall procure and maintain insurance coverage for third-party personal injury and property damage at all work sites, in accordance with:

- Malaysia's Civil Law Act 1956
- Insurance Act 1996
- Minimum coverage: RM 1 million per occurrence or as otherwise directed by the Commission

5.20.2 Workmen's Compensation Insurance and/or SOCSO

All labour deployed must be insured under the Workmen's Compensation Act 1952 or covered by SOCSO (PERKESO). The DUSP shall:

- Register all employees with SOCSO
- Maintain up-to-date contributions
- Ensure foreign workers are legally employed in accordance to immigration requirements and are covered under approved private insurance where applicable

5.20.3 Insurance of Works (CAR)

A valid DUSP's Construction All Risks (CAR) insurance policy shall be maintained from the commencement of site work until "on-air", covering:

- Material damage to permanent and temporary works
- Plant and equipment
- Legal liability to third parties

Minimum coverage shall be in accordance with CIDB Malaysia guidelines and not less than the Approved Cost and shall comply with industry standards and regulatory expectations.

5.20.4 Insurance for Equipment

The DUSP shall insure all major equipment and materials from the point of dispatch to final commissioning. Coverage must include:

- Transit and storage insurance
- Theft and fire protection
- Installation risk

Insurance policies shall comply with MS ISO 39001: Road Traffic Safety Management and other relevant logistics risk management practices.

Ownership of the network facilities and network services

- 5.21 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 Part 2 DUSP** from the commencement of this Project, unless the designation as the Part 2 DUSP of the Project is revoked by the Commission pursuant to the USP Regulations.
- 5.22 The Part 2 DUSP shall hold valid NFP(I), NSP(I), and ASP(C) licences issued under the Act during the entire tenure of the Project (i.e. the Implementation Period and Operational Period as defined in the Invitation).
- 5.23 For avoidance of doubt, the Commission shall revoke the designation of the Part 2 DUSP, in the event the Part 2 DUSP no longer holds the requisite licence(s) at any time during the tenure of the Project.

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

6. REGISTRATION OF INTEREST REQUIREMENTS

- 6.1 The Interested Licensee which wishes to register its interest to become the DUSP 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.
- 6.2 The licensed area specified under the NFP(I) licence shall be “Malaysia”, and there shall be no last-mile limitation. The Interested Licensees must also fulfil the following criteria:

For Part 1

- 6.2.1 The Interested Licensee for Part 1 is required to hold valid NFP(I) licence issued under the Act. The NFP(I) licence held by the Interested Licensee must allow the holder of the licence to own or provide the following network facilities under Regulation 19 of the Communications and Multimedia (Licensing) Regulations 2002, as amended:
- a) Towers, poles, ducts, and pits to be used in conjunction with other network facilities.
- 6.2.2 The Interested Licensee for Part 1 shall meet the following eligibility requirements:
- a) Must provide proof of at least two (2) years of experience in the installation of network facilities for the deployment of public cellular services (e.g. construction and installation of communications towers/structures);
 - b) Not owe any outstanding fees (e.g. licence/spectrum assignment and/or numbering assignment) or outstanding payments (e.g. liquidated damages) to the Commission;
 - c) Has duly submitted its Return of Net Revenue (RONR) forms to the Commission for each year without fail; and

- d) Has no outstanding USP Fund contribution².

For Part 2

6.2.3 The Interested Licensee for Part 2 is required to hold valid NFP(I), NSP(I) and ASP(C) 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 the following network facilities under Regulation 19 of the Communications and Multimedia (Licensing) Regulations 2000, as amended:

- a) Fixed links and cables;
- b) Towers, poles, ducts, and pits to be used in conjunction with other network facilities; and
- c) Radiocommunications transmitters and links.

6.2.4 The Interested Licensee for Part 2 shall meet the following eligibility requirements:

- a) Be an assignment holder of radio spectrum for the provisioning of public cellular services in Malaysia;
- b) Must provide proof of at least two (2) years of experience in the installation and operation of network facilities and the provisioning of network services for the deployment of public cellular services;
- c) Not owe any outstanding fees (e.g. licence, spectrum assignment and/or numbering assignment) or outstanding payments (e.g. liquidated damages) to the Commission;
- d) Has duly submitted its Return of Net Revenue (RONR) forms to the Commission for each year without fail; and
- e) Has no outstanding USP Fund contribution.

6.3 Interested Licensees are prohibited from directly or indirectly (via the use of third parties) attempting to improperly influence the outcome of this Invitation exercise by way of any written or oral communication(s) in any form. Examples of such conduct include, but are not limited to, writing emails or letters, or

² This is applicable for the licensees that 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.

furnishing letters of support from third parties.

- 6.4 The outcome of this Invitation exercise shall be based solely on the assessment criteria established for this purpose, and approved by the Commission, in accordance with the Act and the USP Regulations.
- 6.5 The Interested Licensee shall register its interest with the Commission by completing the form enclosed in **Appendix 2** of this Invitation.
- 6.6 Under this Invitation, the Interested Licensee may register its interest based on its experience, knowledge, capability and core competencies for:
 - 6.6.1 Part 1 only; or
 - 6.6.2 Part 2 only.
- 6.7 The submission of the duly completed Registration of Interest Form shall be made in accordance with subparagraph 9.1 of this Invitation.

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7. SUBMISSION OF THE DRAFT UNIVERSAL SERVICE PLAN

7.1 **Interested Licensees that submit draft universal service plan for Part 1 are not allowed to submit draft universal service plan for Part 2, and Interested Licensees that submit draft universal service plan for Part 2 are not allowed to submit draft universal service plan for Part 1.**

7.2 The Interested Licensee shall submit a single document in a separate sealed envelope marked as “**LICENSEE’S INFORMATION**”, which shall consist of the following:

7.2.1 Cover letter signed by the Chief Executive Officer or a person who holds an equivalent designation in the Interested Licensee; and

7.2.2 Information of the Interested Licensee and other supporting documents as detailed out in **Appendix 3** of this Invitation.

7.3 The Interested Licensee shall submit the Draft Universal Service Plan based on its Registration of Interest (whether for Part 1 or Part 2 only, and the number of Cluster(s) bid), in separate binding for each Cluster as specified in **Appendix 1** of this Invitation. The Draft Universal Service Plan submitted for each Cluster(s) bid in each Part(s) shall be divided into **two (2) separate** documents as follows:

7.3.1 Technical Proposal; and

7.3.2 Financial Proposal.

7.4 The Interested Licensee may submit Draft Universal Service Plan(s) for multiple Clusters. For the avoidance of doubt, the Commission will not accept submission of Draft Universal Service Plan(s) for part of a Cluster, or any combination of Clusters which includes two or more parts of different Clusters.

7.5 Submission of the Registration of Interest and the Draft Plan shall strictly follow the method and format prescribed in this Invitation. Interested Licensee(s) who are found to have submitted copies of the Registration of Interest or the Draft Plan to any third party, or to any other person within the Commission not authorised to receive such documents, may be disqualified from this Invitation.

7.6 **Uncontacted Interested Licensees shall be deemed unsuccessful.** The Interested Licensee **shall not contact or query the Commission directly or indirectly** on the outcome of the evaluation. Interested Licensee(s) that

disregard this restriction may be construed as exercising undue influence and may be disqualified.

7.7 The Draft Universal Service Plan shall be submitted and marked as follows:

7.7.1 One (1) hard copy submission; and

7.7.2 All pages of the Financial Proposal of the Draft Universal Service Plan shall be duly initialed and affixed with the company rubber stamp of the Interested Licensee.

7.7.3 All signatures, initials, and other handwritten marks on the original hard copy of the proposals must be made in blue ink.

7.8 Pages for the Draft Universal Service Plan shall be numbered in the following format: <page number> of <total number of pages>.

7.9 The submission of the Draft Universal Service Plan shall be enclosed in a separate sealed envelope(s) labelled as follows:

7.9.1 This Invitation's reference **(INVITATION REF. NO.: SKMM/USPD/UPD/190_JEN2/Invitation(J2/PCS/2026))** at the top left-hand corner of the envelope(s);

7.9.2 The description "SUBMISSION OF DRAFT UNIVERSAL SERVICE PLAN" at the central position of the envelope(s);

a) PART #: TECHNICAL PROPOSAL (Cluster No. #); or

b) PART #: FINANCIAL PROPOSAL (Cluster No. #)

7.9.3 "SUBMITTED BY: <**Name of Interested Licensee**>" at the central bottom position of the envelope(s); and

7.9.4 In addition to the hardcopy, digital copies of the Technical Proposals, Financial Proposals (according to the Cluster bid) and Licensees' Information shall be submitted in virus-free thumb drives. The digital copy shall be in PDF format. In addition, please submit all the relevant working files i.e. the detailed BOQ in MS Excel format.

7.10 All documents mentioned above, including any appendices annexed thereto, shall be taken as being mutually explanatory of each other.

- 7.11 The Interested Licensee shall be deemed to have examined and understood all information and documents set out in this Invitation.
- 7.12 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 and is not claimable from the USP Fund.
- 7.13 All corrections, changes, alterations and/or any other amendments whatsoever made in the Draft Universal Service Plan shall be initialed and affixed with the Interested Licensee's company stamp.
- 7.14 In the event of any discrepancy between the amount quoted in the Bill of Quantities (**Appendix 7**) and the Financial Proposal (**Appendix 5**), the amount quoted in the Financial Proposal (**Appendix 5**) shall prevail.
- 7.15 All documents, which form part of the Draft Universal Service Plan(s) shall be properly and securely bound.
- 7.16 Handbooks and any other literature, if any, shall be bound in separate covers.

8. SCOPE OF THE DRAFT UNIVERSAL SERVICE PLAN

- 8.1 The Draft Universal Service Plan to be submitted by the Interested Licensee shall contain information as specified in **Appendix 4** and **Appendix 5** of this Invitation.

9. CLOSING DATE

Submission of Registration of Interest

- 9.1 All Interested Licensees shall submit the duly completed Registration of Interest Form in scanned PDF copy format as enclosed in **Appendix 2** of this Invitation **on or before 3:00 pm, 10 April 2026**, via email at usp.planning@mcmc.gov.my.
- 9.2 The Interested Licensees shall make available the original Registration of Interest form, in hardcopy to the Commission, if required.
- 9.3 Proof of submission shall take the form of the issuance of an acknowledgement email receipt to the sender from the same email address.
- 9.4 The Commission will not accept any Registration of Interest for part of a Cluster, or any combination of Clusters which includes two or more parts of different Clusters. Under this Invitation, the Interested Licensee may register

its interest in any Cluster, or all Clusters in its entirety.

- 9.5 The Commission shall **NOT ACCEPT** any submission of the Registration of Interest form made by way of physical copy, fax, mail and/or any other means.
- 9.6 Subject to the timeline for submission of the Registration of Interest, if an Interested Licensee submits multiple forms, the Commission will accept the latest submission as final.
- 9.7 Any submission of the Registration of Interest Form 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 proof of receipt by the Commission.

- 9.8 **The Interested Licensees are reminded to strictly adhere to the specified date and time and ensure that the Registration of Interest Form is submitted accordingly. In this regard, the Interested Licensee's proof of postage or other evidence of transmission shall not be accepted as proof of receipt by the Commission.**

Submission of Draft Universal Service Plan

- 9.9 An Interested Licensee shall submit the duly completed Draft Universal Service Plan on or before **3:00pm, 3 June 2026** at:

**Malaysian Communications and Multimedia Commission
MCMC Centre of Excellence (CoE),
Jalan Impact, Cyber 6, 63000 Cyberjaya, Selangor
(Attention: Universal Service Provision Division)**

- 9.10 The submission of the draft universal service plan must match the Registration of Interest Form.
- 9.11 The Commission shall **NOT ACCEPT** any submission of Draft Universal Service Plan made by way of email, fax, mail and/or any other means.

- 9.12 **The Interested Licensees are reminded to strictly adhere to the specified date and time and ensure that the draft universal service plan is submitted accordingly. In this regard, the Interested Licensee's proof of postage or other evidence of transmission shall not be accepted as proof of receipt by the Commission.**

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

- 10.1 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

11. CLAIMS FOR PAYMENT

- 11.1 The DUSP is entitled to claim the costs undertaken i.e. CAPEX and OPEX in respect of this Project.
- 11.2 The DUSP shall no longer be entitled to make any claims, for any work done during the Implementation Period, no later than one (1) year from the date of the submission of the final Declaration of the Project to the Commission.
- 11.3 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 DUSP by the Commission. The claim schedule for the Part 1 and 2 DUSPs is specified in **Appendix 6** of this Invitation.

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SECTION V
GENERAL TERMS AND CONDITIONS

12. DESIGN AND QUALITY OF SERVICE

- 12.1 The Part 1 and Part 2 DUSPs shall be solely responsible for the correct design and configuration of the network facilities, including all works, infrastructure, equipment, and services offered under this Project. If subsequent modifications or changes are necessary to enable the requirements for the Project to be met, the DUSP shall bear the additional cost involved for the modification or changes and is not entitled to claim for an additional cost from the USP Fund.
- 12.2 The Service Level Guarantee for each location shall adhere to the specifications prescribed under the relevant mandatory standards issued by the Commission.
- 12.3 Any upgrading throughout the Operational Period to fulfil the above requirements shall be borne by the DUSP at no additional cost to the Commission.
- 12.4 It is anticipated that some matters may have to be clarified following the evaluation of the submission and during the early stages of installation of the facilities and equipment. In this respect, the Commission reserves the right to require written clarifications to be provided by the DUSP.

13. TECHNICAL COMPLIANCE

- 13.1 The DUSP 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.
- 13.2 The spectrum used for the equipment shall comply with the Act, the Spectrum Regulations 2000, the Spectrum Plan, the SRSP and all relevant standards or legal instruments as and when issued by the Commission.

14. SUPPLIED MATERIALS AND EQUIPMENT

- 14.1 All items to be used in the provision of universal service by the DUSP in the UST shall be fit-for-purpose, such items are intended for and be free from defects arising out of faulty design, faulty and inferior material or faulty workmanship.

14.2 All items supplied shall be genuine, newly manufactured/factory fresh (i.e. not second hand, reconditioned and/or used items).

14.3 All equipment proposed must comply with the Malaysian Standards type approval.

15. APPROVAL FROM RELEVANT AUTHORITIES

15.1 The DUSP 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.

15.2 The DUSP shall be solely responsible for any failure to obtain the necessary approvals including any additional costs to comply with the said authority's requirements.

15.3 The DUSP 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 DUSP's non-compliance to the said authority's requirements.

16. INSPECTION AND AUDIT

16.1 The Commission and/or its appointed third-party agent(s) shall have the right to inspect and verify that all obligations due from the DUSP are fully complied with. The inspection and verification may include:

16.1.1 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.

16.1.2 Commercial Audits

Verifying all relevant supporting documents submitted by the DUSP in its claims for net universal service costs.

16.1.3 Any other aspects that may be necessary for the Commission.

17. SAFETY

17.1 The DUSPs shall:

17.1.1 Be responsible for ensuring the safety of the site(s), its employees,

and employees of its agents and/or vendors working at the site(s) at all times;

- 17.1.2 Ensure the safety and well-being of all individuals who enter or visit the site, including but not limited to invitees, licensees, and any other persons lawfully permitted access;
- 17.1.3 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;
- 17.1.4 Ensure the structural integrity of the towers and its ancillaries at all times and ensure compliance with all relevant laws and guidelines; and
- 17.1.5 Indemnify and keep indemnified, protect and defend at its own cost and expense, the Commission and its authorised officer(s) from and against all actions, claims and liabilities arising out of acts done, omissions or breach of any conditions under the Project by DUSP, its employees or its agents.

18. EXTENSION OF TIME

- 18.1 The DUSP shall not request an extension of time beyond the timeline that has been approved in the Approved Universal Service Plan. For the avoidance of doubt, an extension of time may be considered by the Commission due to force majeure as specified in clause 19 of this Invitation.

19. EFFECT OF FORCE MAJEURE

- 19.1 An “Event of Force Majeure” is an event beyond the control of the DUSP, which results in the delay in the implementation timeline of this Invitation, which are:
 - 19.1.1 War (whether declared or not), hostilities, invasion, act of foreign enemies;
 - 19.1.2 Insurrection, revolution, rebellion, military, or usurped power, civil war, terrorism;
 - 19.1.3 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;

- 19.1.4 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);
- 19.1.5 Pressure waves caused by aircraft or other devices travelling at sonic or supersonic speeds; and
- 19.1.6 Riot, commotion or disorder, unless solely restricted to employees of the workmen, contractors and all other persons for the execution of the Work.

20. PERFORMANCE BOND

- 20.1 The DUSP 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.
- 20.2 The Performance Bond shall be kept valid by the DUSP at all times, for the following duration:

For Part 1

- 20.2.1 For the Part 1 DUSP, the Performance Bond shall start **no later than thirty (30) working days** from the commencement date of the Project issued in the Notification of Approval until twelve (12) months after the completion and handover of the site(s) to the Part 2 DUSP; and
- 20.2.2 The Performance Bond shall be **twenty percent (20%)** of the total Approved Cost of the Project. The DUSP shall ensure that the Performance Bond is always maintained at the value of 20% of the total Approved Cost of the Project.

For Part 2

- 20.2.3 For the Part 2 DUSP, the Performance Bond shall start **no later than thirty (30) working days** from the commencement date of the Project specified in the Notification of Approval, until twelve (12) months from the completion and declaration for on-air of the network facilities of the last site, with the said Declaration having

been duly received by the Commission; and

- 20.2.4 The Performance Bond for Part 2 DUSP shall be **twenty percent (20%)** of the approved total cost of the Project. The Part 2 DUSP shall ensure that the Performance Bond is always maintained at the value of 20% of the total approved cost of the Project.
- 20.3 It shall be the responsibility of the Part 1 and Part 2 DUSPs to ensure that a valid Performance Bond is furnished to the Commission at all times.
- 20.4 Should the DUSP require an extension of time to complete the Project, it shall be the responsibility of the DUSP to renew the Performance Bond at least three (3) months prior to the expiry of the said Performance Bond.
- 20.5 In the event that the designation of the DUSP is revoked pursuant to the USP Regulations, the said Performance Bond or any balance thereof shall be forfeited.

21. APPOINTMENT OF ANOTHER PARTY BY DUSP TO UNDERTAKE THE WORKS UNDER THE PROJECT

- 21.1 The DUSP shall not appoint another person to perform the Project in its entirety, save where such appointment is to comply with any requirement and/or condition as set forth by any Authority for the implementation of the Project. If the DUSP appoints another person to perform the Project in its entirety in the absence of such requirement and/or condition of any Authority, the Commission shall have the right to:
- 21.1.1 Instruct the DUSP to terminate forthwith such appointment and shall be liable for all costs and expenses relating to such termination; and/or
- 21.1.2 Revoke the designation of the DUSP for the Project.
- 21.2 The DUSP, however, may appoint other persons to perform part of the works under the Project and shall be responsible for the acts, defaults, or neglects of any person appointed, his contractors, agents or employees as if they were the acts or defaults of the DUSP.

22. CLARIFICATION AND ENQUIRIES

- 22.1 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.
- 22.2 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.
- 22.3 Should there be a need to seek clarification and additional information regarding this Invitation, all enquiries shall be directed to the USP Planning Department of the Commission via email at usp.planning@mcmc.gov.my.
- 22.4 All relevant enquiries pertaining to this Invitation should reach the Commission on or before **3.00pm, 30 April 2026**.

23. OMISSIONS OR ERRORS

- 23.1 The Interested Licensee 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.
- 23.2 Interested Licensee shall be solely responsible for all such omissions/errors without any additional costs being chargeable to the Commission.

24. LIQUIDATED DAMAGES

- 24.1 In the event that the Part 1 and/or Part 2 DUSPs fail to achieve any of the project milestones within the stipulated implementation period as specified in subparagraphs 4.3 and 5.12 in this Invitation, the respective DUSP shall be liable to pay liquidated damages to the Commission in accordance with the rates specified in the table below.

Milestone No.	Liquidated Damages
1	Up to 5% of the total approved cost
2	Up to 10% of the total approved cost
3	Up to 15% of the total approved cost
4	Up to 20% of the total approved cost
Total	Up to 20% of the total approved cost

24.2 The liquidated damages shall apply to the relevant scope of works associated with each project milestone and shall be imposed based on the progress of the project milestones set out below, or as otherwise determined by the Commission. The total liquidated damages payable shall be limited to a maximum of 20% of the total Approved Cost of the Project.

24.3 The liquidated damages shall be calculated on a daily basis from the date of delay until the relevant milestone is achieved to the satisfaction of the Commission. For the avoidance of doubt, the calculation is as follows:

Daily rate = Total Approved Cost divided by twelve (12) months (Implementation Period); and

Liquidated damages = (Daily rate) x (the total days delayed) and limited to a maximum of 20% of the total Approved Cost.

25. PRESS RELEASE AND ANNOUNCEMENT

25.1 The DUSP shall not issue any publicity release or make any announcement in relation to its designation for this Project. In the event that any public announcement or disclosure of the contents of the Notification of Approval is required by law, the DUSP shall, prior to making such announcement or disclosure, consult the Commission and obtain its agreement on the wording, terms, and format of such announcement or disclosure.

26. AMENDMENTS TO THE INVITATION DOCUMENT

26.1 The Commission reserves the right, at its sole discretion, to amend, modify, or revise any part of this Invitation at any time as it deems necessary. Any such changes shall be communicated to the Interested Licensee through appropriate channels.

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APPENDIX 1 – LIST OF SITE LOCATIONS FOR THE INSTALLATION AND DEPLOYMENT OF NETWORK FACILITIES AND NETWORK SERVICES FOR THE PROVISIONING OF PUBLIC CELLULAR SERVICES AT THE UNIVERSAL SERVICE TARGETS UNDER THE JALINAN DIGITAL NEGARA (JENDELA) 2 INITIATIVE

Notes: The solution, latitude(s), and longitude(s) provided here are meant to serve as reference points only to enable the Interested Licensee to identify the said locations in the relevant USTs.

CLUSTER 1: PAHANG AND KELANTAN

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_0016	KG. TERISU	PAHANG	ULU TELOM	MACRO CELL	4.5288	101.4553
2	JEN2_0093	BERTAM VALLEY	PAHANG	ULU TELOM	MACRO CELL	4.4225	101.4624
3	JEN2_0183	SG. TELOM	PAHANG	ULU TELOM	MACRO CELL	4.523	101.4966
4	JEN2_3928	KG. SENGKOI	PAHANG	BATU TALAM	MACRO CELL	4.016	101.6553
5	JEN2_4392	ULU LEPAR	PAHANG	ULU LEPAR	MACRO CELL	3.8153	102.8235
6	JEN2_3978	KG. SUNGAI LEBAK	PAHANG	BENTONG	MACRO CELL	3.5165	101.8769
7	JEN2_0018	POS SAWEH	PAHANG	ULU JELAI	MACRO CELL	4.17152	101.56323
8	JEN2_0068	KG. NYAMUK	PAHANG	ULU JELAI	MACRO CELL	4.19567	101.59352
9	JEN2_0091	KOA CHERONG	PAHANG	ULU JELAI	MACRO CELL	4.14819	101.55088
10	JEN2_3916	KG NGENING POS LENJANG	PAHANG	ULU JELAI	MACRO CELL	4.28481	101.60034
11	JEN2_0069	SUNGAI KLAU	PAHANG	GALI	MACRO CELL	3.78503	101.99094
12	JEN2_4473	LADANG SG MERBA	PAHANG	BEBAR	MACRO CELL	3.1249	103.16002
13	JEN2_4486	LADANG JUASA	PAHANG	BEBAR	MACRO CELL	3.10205	103.18989
14	JEN2_4521	LADANG PKPP SRI KEMPAS	PAHANG	BEBAR	MACRO CELL	3.12297	103.37239
15	JEN2_4383	FGV TERAPAI	PAHANG	PENYOR	MACRO CELL	3.42783	102.78347
16	JEN2_3987	FIRST NATIONWIDE YAKIN	KELANTAN	BATU PAPAN	MACRO CELL	4.93521	101.89281
17	JEN2_0040	FIRST NATIONWIDE KEL	KELANTAN	RELAJ	MACRO CELL	4.83743	102.29857
18	JEN2_0043	LADANG SUNGAI RELAJ EAST	KELANTAN	RELAJ	MACRO CELL	4.85143	102.2203
19	JEN2_0004	LADANG RAKYAT LOJING	KELANTAN	TUEL	MACRO CELL	4.78481	101.4281
20	JEN2_0005	KG. GERAK	KELANTAN	PULAI	MACRO CELL	4.74705	101.88853
21	JEN2_0023	KG. BELAJ/ LADANG VISTA	KELANTAN	ULU NENGGIRI	MACRO CELL	5.20858	101.78644

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
22	JEN2_3883	KIM PU GARDEN	KELANTAN	SIGAR	MACRO CELL	4.60506	101.43946
23	JEN2_3891	REEZAN MAJU JAYA ENTERPRISE	KELANTAN	SIGAR	MACRO CELL	4.60701	101.46787

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CLUSTER 2: JOHOR, MELAKA AND NEGERI SEMBILAN

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_4378	KG. PARIT NO. 6	JOHOR	SRI MENANTI	MACRO CELL	1.9812	102.7644
2	JEN2_3662	KG SG RESAK	JOHOR	SUNGAI BALANG	MACRO CELL	1.93723	102.74213
3	JEN2_4395	KG. PARIT PUASA	JOHOR	SIMPANG KIRI	MACRO CELL	1.959	102.8474
4	JEN2_4467	KG BATU 5 DESA JAYA	JOHOR	TANJUNG SEMBRONG	MACRO CELL	2.0012	103.1297
5	JEN2_4435	PARIT ANDIN 3	JOHOR	TANJUNG SEMBRONG	MACRO CELL	1.939	103.0487
6	JEN2_4471	KG. CAHAYA BARU	JOHOR	SRI GADING	MACRO CELL	1.9206	103.1591
7	JEN2_3664	KG. PARIT SIKUN LAUT	JOHOR	SRI GADING	MACRO CELL	1.8465	103.1267
8	JEN2_4485	KG. PARIT TENGAH	JOHOR	SUNGAI KLUANG	MACRO CELL	1.7247	103.194
9	JEN2_4492	KG. BUKIT BARU	JOHOR	KLUANG	MACRO CELL	1.8827	103.2411
10	JEN2_4551	SUNGAI LEBAM	JOHOR	TANJUNG SURAT	MACRO CELL	1.5631	104.1836
11	JEN2_4539	PUTUO VILLAGE	JOHOR	SENAI	MACRO CELL	1.7256	103.6276
12	JEN2_4495	KG. KUALA BENUT	JOHOR	SUNGEI PINGGAN	MACRO CELL	1.6241	103.2605
13	JEN2_4267	KG PAYA TANJUNG	MELAKA	BUKIT LINTANG	MACRO CELL	2.1838	102.3601
14	JEN2_3652	KG. PERGAI	NEGERI SEMBILAN	PERTANG	MACRO CELL	2.9786	102.161
15	JEN2_3654	KG. PETASEH HILIR	NEGERI SEMBILAN	PERTANG	MACRO CELL	3.0024	102.186
16	JEN2_4342	KG SUNGAI KELAI	NEGERI SEMBILAN	ROMPIN	MACRO CELL	2.8301	102.5479
17	JEN2_4311	KG. TAMAN JAYA	NEGERI SEMBILAN	JELEI	MACRO CELL	2.7788	102.4381
18	JEN2_3968	KG. GEBOK	NEGERI SEMBILAN	SETUL	MACRO CELL	2.8188	101.856
19	JEN2_4148	KG. TALANG	NEGERI SEMBILAN	TERACHI	MACRO CELL	2.779	102.1728
20	JEN2_4156	KG. SRI PILAH	NEGERI SEMBILAN	PILAH	MACRO CELL	2.678	102.1833

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
21	JEN2_4192	KG. TUMANG	NEGERI SEMBILAN	JOHOL	MACRO CELL	2.5918	102.2427
22	JEN2_4216	KG. SIMAT TENGAH	NEGERI SEMBILAN	JOHOL	MACRO CELL	2.5751	102.2727
23	JEN2_3954	KG. EKAR	NEGERI SEMBILAN	LABU	MACRO CELL	2.6706	101.8017
24	JEN2_4089	LADANG BATU HAMPAR	NEGERI SEMBILAN	PEDAS	MACRO CELL	2.5788	102.0749
25	JEN2_3986	LADANG SUA BETONG	NEGERI SEMBILAN	LINGGI	MACRO CELL	2.508	101.9035
26	JEN2_4333	KG. PASIR BESAR	NEGERI SEMBILAN	GEMAS	MACRO CELL	2.6691	102.5109

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CLUSTER 3: PERAK AND SELANGOR

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_3841	KG. SUNGAI SEMALIANG	PERAK	PULAU KAMIRI	MACRO CELL	4.97897	101.22614
2	JEN2_0056	JALONG SG SIPUR KG HUSIN	PERAK	SUNGAI SIPUT	MACRO CELL	4.80371	101.22331
3	JEN2_3823	KG HEKTAR JALONG	PERAK	SUNGAI SIPUT	MACRO CELL	4.82116	101.18677
4	JEN2_0075	KG. LALANG DAN KERAWAT	PERAK	SUNGAI RAYA	MACRO CELL	4.57421	101.22409
5	JEN2_3822	KG. JELINTOH	PERAK	TEJA	MACRO CELL	4.46531	101.1809
6	JEN2_3837	KG. PINTU PADANG	PERAK	KAMPAR	MACRO CELL	4.4432	101.2209
7	JEN2_3816	ESTET CHANGKAT JONG	PERAK	DURIAN SEBATANG	MACRO CELL	3.8934	101.1351
8	JEN2_3818	LARVIN PLANTATION SDN BHD	PERAK	DURIAN SEBATANG	MACRO CELL	3.9242	101.1675
9	JEN2_3826	BENDANG	PERAK	DURIAN SEBATANG	MACRO CELL	3.94268	101.19922
10	JEN2_3831	KG. SG. CHAWANG	PERAK	DURIAN SEBATANG	MACRO CELL	3.87995	101.20545
11	JEN2_0077	POS GEDUNG	PERAK	BIDOR	MACRO CELL	4.16715	101.37577
12	JEN2_3897	POS BERSIH	PERAK	SLIM	MACRO CELL	3.9336	101.5084
13	JEN2_3830	KG. CUNEX	PERAK	KENERING	MACRO CELL	5.19227	101.20105
14	JEN2_3853	KG. KEEB	PERAK	PULAU KAMIRI	MACRO CELL	4.98106	101.28524
15	JEN2_3833	KG. KENANG	PERAK	SUNGAI SIPUT	MACRO CELL	4.82786	101.20488
16	JEN2_3840	SG. KERBAU	PERAK	SUNGAI SIPUT	MACRO CELL	4.81962	101.21607
17	JEN2_3827	KG. ORANG ASLI SINJU	PERAK	SUNGAI RAYA	MACRO CELL	4.54271	101.19627
18	JEN2_3861	KG. ORANG ASLI SENTA	PERAK	BIDOR	MACRO CELL	4.15641	101.33006
19	JEN2_3923	KAMPUNG PAYA	SELANGOR	AMPANG PECHAH	MACRO CELL	3.5668	101.6269
20	JEN2_3950	AIR TERJUN KEMENSAH	SELANGOR	ULU KELANG	MACRO CELL	3.2326	101.7782
21	JEN2_3915	KG. TUMBUK SEMPADAN	SELANGOR	SEPANG	MACRO CELL	2.6618	101.5991

CLUSTER 4: SARAWAK

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_4645	SUNGAI BATU	SARAWAK	SAMARAHAN	MACRO CELL	1.504	110.4752
2	JEN2_3673	KRANGAN MEMAJU	SARAWAK	SERIAN	MACRO CELL	0.98105	110.75533
3	JEN2_4687	KG SG APING	SARAWAK	SERIAN	MACRO CELL	0.96545	110.68462
4	JEN2_4688	KAMPUNG SUNGAI ENKABANG	SARAWAK	SERIAN	MACRO CELL	1.02761	110.68531
5	JEN2_4700	TAPANG MAOUNG	SARAWAK	SERIAN	MACRO CELL	0.96478	110.72351
6	JEN2_4710	TRADEWIN PLANTATION BERHAD	SARAWAK	SIMUNJAN	MACRO CELL	1.42284	110.77647
7	JEN2_1313	LADANG SUNGAI MANGGA	SARAWAK	SIMUNJAN	MACRO CELL	1.29022	110.76809
8	JEN2_1314	GEMILANG ESTATE	SARAWAK	GEDONG	MACRO CELL	1.2151	110.7877
9	JEN2_4727	TRADEWINDS (ALBUKHARY)	SARAWAK	SEBUYAU	MACRO CELL	1.46305	110.90562
10	JEN2_1112	THP SARIBAS LADANG ENGGANG	SARAWAK	PUSA	MACRO CELL	1.67491	111.24672
11	JEN2_4755	BATANG SARIBAS BRIDGE 2	SARAWAK	PUSA	MACRO CELL	1.69452	111.16031
12	JEN2_4712	MELIKIN UTT	SARAWAK	SERIAN	MACRO CELL	0.94591	110.79567
13	JEN2_4741	KAMPUNG GAYAU	SARAWAK	PANTU	MACRO CELL	1.13785	111.04843
14	JEN2_4745	SUNGAI BATANG TERAP	SARAWAK	PANTU	MACRO CELL	1.147894	111.098863
15	JEN2_4824	FELCRA VENTURE SRIAMAN SDN BHD	SARAWAK	SRI AMAN	MACRO CELL	1.18762	111.40083
16	JEN2_4877	KG SG PINGGAI	SARAWAK	SRI AMAN	MACRO CELL	1.13798	111.51885
17	JEN2_1105	RH. SEKUNYIT LEPONG MAWANG	SARAWAK	ENKILILI	MACRO CELL	1.22213	111.83379
18	JEN2_4939	KELAMPO	SARAWAK	ENKILILI	MACRO CELL	1.10856	111.71313
19	JEN2_4973	NANGA UKOM	SARAWAK	LUBOK ANTU	MACRO CELL	1.15565	111.80978
20	JEN2_0632	KPF PALM OIL MILL	SARAWAK	GEDONG	MACRO CELL	1.31646	110.62014
21	JEN2_1111	TH PELITA MELUDAM SDN BHD	SARAWAK	PUSA	MACRO CELL	1.58537	111.23095

CLUSTER 5: SARAWAK

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_0760_SC_1	KATIBAS RIVER_1	SARAWAK	SONG	SMALL CELL	1.73022	112.5475
2	JEN2_0760_SC_2	KATIBAS RIVER_2	SARAWAK	SONG	SMALL CELL	1.74049	112.5495
3	JEN2_0770_SC_1	SUNGAI MUSAH_1	SARAWAK	SONG	SMALL CELL	1.87676	112.7636
4	JEN2_1079_SC_1	SUNGAI TEKALIT_1	SARAWAK	SONG	SMALL CELL	1.9096	112.7845
5	JEN2_1079_SC_2	SUNGAI TEKALIT_2	SARAWAK	SONG	SMALL CELL	1.91744	112.771
6	JEN2_3515_SC_1	RH NAYAI_1	SARAWAK	SONG	SMALL CELL	1.71066	112.4017
7	JEN2_3515_SC_2	RH NAYAI_2	SARAWAK	SONG	SMALL CELL	1.70673	112.3919
8	JEN2_3515_SC_3	RH NAYAI_3	SARAWAK	SONG	SMALL CELL	1.70564	112.379
9	JEN2_3515_SC_4	RH NAYAI_4	SARAWAK	SONG	SMALL CELL	1.69972	112.37
10	JEN2_3515_SC_5	RH NAYAI_5	SARAWAK	SONG	SMALL CELL	1.69307	112.3633
11	JEN2_3515_SC_6	RH NAYAI_6	SARAWAK	SONG	SMALL CELL	1.70511	112.4133
12	JEN2_3517_SC_1	RH NYELANG_1	SARAWAK	SONG	SMALL CELL	1.68324	112.4194
13	JEN2_3517_SC_2	RH NYELANG_2	SARAWAK	SONG	SMALL CELL	1.6762	112.4371
14	JEN2_3520_SC_1	RUMAH DALANG_1	SARAWAK	SONG	SMALL CELL	2.10712	112.4443
15	JEN2_3521_SC_1	RH MALANG_1	SARAWAK	SONG	SMALL CELL	1.69267	112.4731
16	JEN2_3521_SC_2	RH MALANG_2	SARAWAK	SONG	SMALL CELL	1.69604	112.492
17	JEN2_3529_SC_2	RH DARI GUDANG_2	SARAWAK	SONG	SMALL CELL	1.8696	112.531
18	JEN2_3549_SC_3	RH NYANDA_3	SARAWAK	SONG	SMALL CELL	1.72336	112.6605
19	JEN2_3554_SC_1	BANGKIT RIVER_1	SARAWAK	SONG	SMALL CELL	1.69811	112.722
20	JEN2_3554_SC_2	BANGKIT RIVER_2	SARAWAK	SONG	SMALL CELL	1.69143	112.6882
21	JEN2_3555_SC_1	CNI ENTERPRISE_1	SARAWAK	SONG	SMALL CELL	1.77121	112.7228
22	JEN2_3558_SC_4	RH MELAYU_4	SARAWAK	KAPIT	SMALL CELL	1.89616	112.7259
23	JEN2_3560_SC_1	RH KANA	SARAWAK	SONG	SMALL CELL	1.66712	112.7603
24	JEN2_3563_SC_1	RH NGELAMBUNG	SARAWAK	SONG	SMALL CELL	1.65847	112.7775

CLUSTER 6: SARAWAK

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_1894	SAWAI VILLAGE JAYA TIASA	SARAWAK	SIBU	MACRO CELL	2.4357	111.7085
2	JEN2_0432	SINONG MATU ESTATE	SARAWAK	MATU	MACRO CELL	2.73339	111.5634
3	JEN2_0434	LADANG JEMORENG 1	SARAWAK	MATU	MACRO CELL	2.78209	111.6145
4	JEN2_0922	TA ANN PELITA IGAN	SARAWAK	MATU	MACRO CELL	2.73913	111.716
5	JEN2_1896	JALAN MATU-IGAN	SARAWAK	IGAN	MACRO CELL	2.8001	111.7094
6	JEN2_4845	PELITA JEMORENG	SARAWAK	MATU	MACRO CELL	2.68584	111.4397
7	JEN2_3571	LADANG JIH NIBONG TADA	SARAWAK	KANOWIT	MACRO CELL	2.16913	112.1068
8	JEN2_5106	NANGA TADA	SARAWAK	KANOWIT	MACRO CELL	2.0865	112.3659
9	JEN2_0420	NAMAN PLANTATION	SARAWAK	SIBU	MACRO CELL	2.14427	111.8326
10	JEN2_2814	TA ANN DURIN	SARAWAK	SIBU	MACRO CELL	2.14641	111.908
11	JEN2_4969	RH AMOR	SARAWAK	SIBU	MACRO CELL	2.0861	111.8113
12	JEN2_5009	SUNGAI NAMAN	SARAWAK	SIBU	MACRO CELL	2.16362	111.9492
13	JEN2_5039	TANJU RUMAH PANJANG BANKKONG	SARAWAK	SIBU	MACRO CELL	2.27303	112.0063
14	JEN2_0531	PLANTATION TULAI	SARAWAK	MERADONG	MACRO CELL	2.17029	111.7686
15	JEN2_4915	TABIKA KEMAS RH UNJAH	SARAWAK	SIBU	MACRO CELL	2.3622	111.6521
16	JEN2_5094	WTK DESACORP MUKAH	SARAWAK	MUKAH	MACRO CELL	2.79669	112.3248
17	JEN2_5119	SOP PLANTATIONS (BALINGIAN)	SARAWAK	BALINGIAN	MACRO CELL	2.97525	112.5051
18	JEN2_0913	LASSA PLANTATION	SARAWAK	MATU	MACRO CELL	2.49976	111.5887
19	JEN2_0917	KAMPUNG BATANG LASSA	SARAWAK	MATU	MACRO CELL	2.47948	111.668
20	JEN2_0919	JAYA TIASA HOLDINGS SDN BHD	SARAWAK	SIBU	MACRO CELL	2.41198	111.7066
21	JEN2_0915	JAYA TIASA PLANTATION	SARAWAK	MATU	MACRO CELL	2.62244	111.6087
22	JEN2_0452	RINWOOD PELITA (MUKAH) PLANTATION SDN BHD	SARAWAK	MUKAH	MACRO CELL	2.87477	112.2428
23	JEN2_1027	WOODMAN PLANTATION	SARAWAK	BALINGIAN	MACRO CELL	2.9486	112.7024

CLUSTER 7: SARAWAK

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_0461	LADANG SAWIT BATU	SARAWAK	SELANGAU	MACRO CELL	2.35437	112.337
2	JEN2_3233	PJP PELITA SELANGAU	SARAWAK	SELANGAU	MACRO CELL	2.51566	112.3755
3	JEN2_5029	KPG. SEPUDUK	SARAWAK	SIBU	MACRO CELL	2.39166	112.0095
4	JEN2_5098	TINTING TERENTANG SEANGAU	SARAWAK	SELANGAU	MACRO CELL	2.50616	112.3434
5	JEN2_0560	BUKIT BATU KM28	SARAWAK	TATAU	MACRO CELL	2.90766	113.0394
6	JEN2_0576	RH. JAPIT NYIROI	SARAWAK	TATAU	MACRO CELL	2.57198	112.9938
7	JEN2_0898	RH. NGINDANG	SARAWAK	TATAU	MACRO CELL	2.73069	112.8954
8	JEN2_1029	JOBENAR RAYA TATAU	SARAWAK	TATAU	MACRO CELL	2.87028	112.7475
9	JEN2_2735	RH. SATAN UBENG	SARAWAK	TATAU	MACRO CELL	2.53193	113.0393
10	JEN2_2767	RH. GRAMAN TATAU	SARAWAK	TATAU	MACRO CELL	2.84143	112.8795
11	JEN2_2776	RH. ANTAU	SARAWAK	TATAU	MACRO CELL	2.76333	112.9843
12	JEN2_3234	ESTATE PLANTATION SELANGAU	SARAWAK	SELANGAU	MACRO CELL	2.60146	112.368
13	JEN2_2722	BELAGA PALM OIL MILL	SARAWAK	SUNGAI ASAP	MACRO CELL	3.03473	114.0938
14	JEN2_0430	JALAN SAMARAKAN	SARAWAK	TATAU	MACRO CELL	2.87513	113.0148
15	JEN2_0575	MASAMA CAMP SHIN YANG	SARAWAK	TATAU	MACRO CELL	2.52275	112.9929
16	JEN2_0681	RH. ROBERT	SARAWAK	TATAU	MACRO CELL	2.63656	113.3338
17	JEN2_0677	BEM KEM KAKUT	SARAWAK	TATAU	MACRO CELL	2.76927	113.6946
18	JEN2_0679	NEAR SK METAH	SARAWAK	NANGA MERIT	MACRO CELL	2.34291	113.2751
19	JEN2_0889	GLOBAL MINERAL	SARAWAK	KAPIT	MACRO CELL	2.25863	113.0462
20	JEN2_1061	CAMP ROSE A1 (LOGGING AREA)	SARAWAK	BUKIT MABONG	MACRO CELL	1.9156	114.5126
21	JEN2_1182	SOPB SEPAKAU 1	SARAWAK	SUNGAI ASAP	MACRO CELL	2.96163	113.8207
22	JEN2_1243	BAKUN DAM	SARAWAK	BELAGA	MACRO CELL	2.21698	113.922

CLUSTER 8: SARAWAK

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_0577	RH RAPHAEL NGAU AJANG	SARAWAK	BINTULU	MACRO CELL	3.0392	113.0213
2	JEN2_1030	KUALA TATAU	SARAWAK	TATAU	MACRO CELL	3.034374	112.7837
3	JEN2_3312	KUALA TATAU 2 ESTATE	SARAWAK	TATAU	MACRO CELL	3.0527	112.8469
4	JEN2_5222	RH JANGGU	SARAWAK	BINTULU	MACRO CELL	3.0816	113.1455
5	JEN2_0661	LADANG GAYANIS	SARAWAK	NIAH-SUAI	MACRO CELL	3.35556	113.6805
6	JEN2_0663	LADANG MEGA JUTAMAS	SARAWAK	NIAH-SUAI	MACRO CELL	3.53982	113.8041
7	JEN2_0666	SEGARMAS PH2 ESTATE	SARAWAK	NIAH-SUAI	MACRO CELL	3.47223	113.8543
8	JEN2_0789	LADANG WAWASAN SEDAR	SARAWAK	SEBAUH	MACRO CELL	3.30835	113.5161
9	JEN2_0791	WAWASAN ESTATE 4 LAVANG	SARAWAK	SEBAUH	MACRO CELL	3.33259	113.561
10	JEN2_0802	RH JOSEPH LUTA	SARAWAK	SEBAUH	MACRO CELL	3.24775	113.4662
11	JEN2_1176	KG NIBONG WILMAR PLANTATION	SARAWAK	NIAH-SUAI	MACRO CELL	3.55307	113.7802
12	JEN2_1187	LONG LUYANG	SARAWAK	NIAH-SUAI	MACRO CELL	3.48717	113.8772
13	JEN2_2920	SG. PANDAN 2 OPP	SARAWAK	SEBAUH	MACRO CELL	3.0878	113.3875
14	JEN2_2933	RH SEMAIL	SARAWAK	SEBAUH	MACRO CELL	3.3391	113.4598
15	JEN2_5295	SARAWAK OIL PALMS	SARAWAK	SEBAUH	MACRO CELL	3.19397	113.4815
16	JEN2_1464	SOPB TELONG ESTATE	SARAWAK	NIAH-SUAI	MACRO CELL	3.6812	113.5467
17	JEN2_1473	SG. MEREKBANG	SARAWAK	NIAH-SUAI	MACRO CELL	3.6895	113.5791
18	JEN2_1480	SOPP-TIBUS ESTATE	SARAWAK	NIAH-SUAI	MACRO CELL	3.65439	113.6176
19	JEN2_1481	SG. TIBUS	SARAWAK	NIAH-SUAI	MACRO CELL	3.6935	113.618
20	JEN2_5276	KAMPUNG TENGAH NYALAU	SARAWAK	BINTULU	MACRO CELL	3.6146	113.411
21	JEN2_5280	TAWAKAL SEJATI	SARAWAK	BINTULU	MACRO CELL	3.5591	113.4041
22	JEN2_5301	USAHA WAWASAN	SARAWAK	NIAH-SUAI	MACRO CELL	3.7386	113.5091
23	JEN2_5339	SG. SEBATO ULU	SARAWAK	NIAH-SUAI	MACRO CELL	3.7764	113.6724
24	JEN2_0798	BOREO AGRO-RESOURCES PALM OIL MILL	SARAWAK	SEBAUH	MACRO CELL	3.27979	113.4289

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
25	JEN2_0804	SD KUBUD KERESA PLANTATION	SARAWAK	SEBAUH	MACRO CELL	3.1012	113.4627
26	JEN2_1162	U LUMBER DEVELOPMENT PLANTATION	SARAWAK	NIAH-SUAI	MACRO CELL	3.56952	113.8933
27	JEN2_0667	KAMPUNG KUALA NYALAU	SARAWAK	BINTULU	MACRO CELL	3.559	113.4918
28	JEN2_1396	WTK IMBOK PLANTATION	SARAWAK	BINTULU	MACRO CELL	3.56011	113.4885
29	JEN2_1526	SD GUTHRIE - LADANG BAYU SAMUDERA	SARAWAK	BINTULU	MACRO CELL	3.48239	113.3961
30	JEN2_1527	TAWAKAL SEJATI SDN BHD	SARAWAK	BINTULU	MACRO CELL	3.55915	113.4035

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CLUSTER 9: SARAWAK

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_0508	SG. LAONG EMPRESA ESTATE	SARAWAK	BELURU	MACRO CELL	3.7841	114.0163
2	JEN2_0996	LADANG ALTO SUBIS	SARAWAK	SUBIS	MACRO CELL	3.7946	113.9372
3	JEN2_2950	LADANG SG. KLAD	SARAWAK	SUBIS	MACRO CELL	3.8524	113.9821
4	JEN2_0455	BARAM KERUNTUM ESTATE	SARAWAK	MIRI	MACRO CELL	4.43763	114.164
5	JEN2_0994	TINBARAP 4 ESTATE	SARAWAK	BELURU	MACRO CELL	4.04185	114.2197
6	JEN2_1260	BAKONG DRIAN ESTATE	SARAWAK	MIRI	MACRO CELL	4.37047	114.2148
7	JEN2_1265	BLD-LOT 89 A ESTATE	SARAWAK	MARUDI	MACRO CELL	4.24779	114.1474
8	JEN2_1268	PRIMALUCK	SARAWAK	MARUDI	MACRO CELL	4.29035	114.199
9	JEN2_0627	PJP PELITA SANG BANYOK PLANTATION	SARAWAK	LONG LAMA	MACRO CELL	3.8454	114.4282
10	JEN2_2075	LONG BANYOK	SARAWAK	LONG LAMA	MACRO CELL	3.8465	114.4492
11	JEN2_0825	KG. MELINTANG LENEI	SARAWAK	MARUDI	MACRO CELL	4.0634	114.4951
12	JEN2_0624	PJP PELITA ULU TERU PLANTATION SDN BHD	SARAWAK	TINJAR	MACRO CELL	3.73465	114.3434
13	JEN2_0813	BOUSTED PLANTATION, LONG LAMA	SARAWAK	TINJAR	MACRO CELL	3.71245	114.2811
14	JEN2_1009	TELLIANA PLANTATION SDN BHD	SARAWAK	BELURU	MACRO CELL	4.0555	114.1492
15	JEN2_0776	KAMPUNG LONG JEAH	SARAWAK	TELANG USAN	MACRO CELL	3.23646	114.8982
16	JEN2_0815	PATAH CAMP	SARAWAK	LONG BEDIAN	MACRO CELL	3.59529	115.007
17	JEN2_0822	HOLLYSTONE QUARRY	SARAWAK	LONG LAMA	MACRO CELL	3.79923	114.4485
18	JEN2_1154	LONG_LUYANG	SARAWAK	TINJAR	MACRO CELL	3.43657	114.0683
19	JEN2_0784	LONG TUNGAN	SARAWAK	TELANG USAN	MACRO CELL	3.2026	115.0896
20	JEN2_0807	SG. JALIN CLAMP	SARAWAK	LONG BEDIAN	MACRO CELL	3.86254	114.8783

CLUSTER 10: SABAH

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_2113	KG GARIB	SABAH	KUDAT	MACRO CELL	7.17537	117.14784
2	JEN2_5812	KG RUKOM ULU	SABAH	KUDAT	MACRO CELL	6.65387	117.13628
3	JEN2_1407	KAMPUNG SALIIMPODON DARAT	SABAH	KUDAT	MACRO CELL	6.63179	116.93263
4	JEN2_5758	KG. INDARASON LAUT	SABAH	KUDAT	MACRO CELL	6.74498	116.67587
5	JEN2_0857	KG LAMPADA	SABAH	KUDAT	MACRO CELL	6.44715	116.70359
6	JEN2_2853	KG. MALANGKAP DARAT	SABAH	KUDAT	MACRO CELL	6.28541	116.79292
7	JEN2_1285	KG GONTUNG	SABAH	PANTAI BARAT	MACRO CELL	6.1998	116.40416
8	JEN2_5725	KG RANI	SABAH	PANTAI BARAT	MACRO CELL	6.25544	116.35632
9	JEN2_1286	KG BONGOL	SABAH	PANTAI BARAT	MACRO CELL	6.10142	116.42689
10	JEN2_1566	KG. MONGKONIHAB	SABAH	PANTAI BARAT	MACRO CELL	6.0262	116.281
11	JEN2_1572	KG BAMBANGAN LAMA	SABAH	PANTAI BARAT	MACRO CELL	6.09542	116.31071
12	JEN2_3635	KG LUBOK	SABAH	PANTAI BARAT	MACRO CELL	6.01477	116.33001
13	JEN2_5804	JALAN TAMPAKAHU	SABAH	KUDAT	MACRO CELL	6.73728	117.09357
14	JEN2_5818	JALAN LADAP KINANGO	SABAH	KUDAT	MACRO CELL	6.7055	117.1553
15	JEN2_0410	SALIMPODON DARAT 3	SABAH	KUDAT	MACRO CELL	6.61727	116.93663
16	JEN2_5806	JALAN BONGKOL	SABAH	KUDAT	MACRO CELL	6.85444	117.11692
17	JEN2_5760	JALAN SIKUATI MARABAU	SABAH	KUDAT	MACRO CELL	6.85614	116.74789
18	JEN2_5749	KAMPONG MANGARIS	SABAH	PANTAI BARAT	MACRO CELL	6.52875	116.62028
19	JEN2_2164	JALAN MAGANDAI	SABAH	KUDAT	MACRO CELL	6.5045	116.9659
20	JEN2_2855	PELIPIKAN ESTATE	SABAH	KUDAT	MACRO CELL	6.35595	116.81202
21	JEN2_5773	JALAN KG. MELANGKAP	SABAH	KUDAT	MACRO CELL	6.32206	116.78647
22	JEN2_8093	KLINIK DESA TOGOP	SABAH	PANTAI BARAT	MACRO CELL	6.11313	116.32704

CLUSTER 11: SABAH

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_1685	KG NANGKALIAN	SABAH	PEDALAMAN	MACRO CELL	4.5254	116.2506
2	JEN2_5925	BUKIT TAJAM	SABAH	TAWAU	MACRO CELL	4.5628	118.0931
3	JEN2_3019	LEBAYO	SABAH	TAWAU	MACRO CELL	4.4277	117.3735
4	JEN2_3032	SILIMPOPON ESTATE REST HOUSE	SABAH	TAWAU	MACRO CELL	4.4124	117.4112
5	JEN2_5862	BENTA LADANG GAHARU	SABAH	TAWAU	MACRO CELL	4.6035	117.5072
6	JEN2_5871	PEDALAMAN SEBATIK	SABAH	TAWAU	MACRO CELL	4.2228	117.6594
7	JEN2_0694	KG SINAPAR	SABAH	PEDALAMAN	MACRO CELL	4.4653	116.2333
8	JEN2_0702	KG INAKAAK	SABAH	PEDALAMAN	MACRO CELL	4.4263	116.4307
9	JEN2_1696	KG BANTUL	SABAH	PEDALAMAN	MACRO CELL	4.3412	116.42738
10	JEN2_1697	KG. LUMPAGAS	SABAH	PEDALAMAN	MACRO CELL	4.40222	116.42932
11	JEN2_8109	SEKOLAH KEBANGSAAN LONGONGAN	SABAH	PEDALAMAN	MACRO CELL	4.50359	116.42278
12	JEN2_2002	WULLERSDORF SDN BHD	SABAH	TAWAU	MACRO CELL	4.50361	118.1124
13	JEN2_1052	SG. INDIT EST	SABAH	TAWAU	MACRO CELL	4.66162	117.69894
14	JEN2_3016	BENTA	SABAH	TAWAU	MACRO CELL	4.4693	117.35509
15	JEN2_3020	TECK GUAN	SABAH	TAWAU	MACRO CELL	4.30968	117.37978
16	JEN2_3021	KALABAKAN ESTATE	SABAH	TAWAU	MACRO CELL	4.35225	117.37935
17	JEN2_3023	KUMANSI ESTATE	SABAH	TAWAU	MACRO CELL	4.38905	117.39019
18	JEN2_3024	BORNEO PLANTATION	SABAH	TAWAU	MACRO CELL	4.41171	117.39225
19	JEN2_3034	TOPES SDN BHD	SABAH	TAWAU	MACRO CELL	4.28773	117.43038
20	JEN2_3479	KAPUR ESTATE	SABAH	TAWAU	MACRO CELL	4.73087	117.50599
21	JEN2_3629	BENTA WAWASAN SDN BHD - MENGGARIS ESTATE	SABAH	TAWAU	MACRO CELL	4.68544	117.64129
22	JEN2_5878	SABAH SOFTWOOD - SG. INDIT 2 ESTATE	SABAH	TAWAU	MACRO CELL	4.70181	117.72378

CLUSTER 12: SABAH

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_0602	GENTING PLANTATION	SABAH	SANDAKAN	MACRO CELL	5.3592	116.9189
2	JEN2_1792	KG. PULUTAN	SABAH	SANDAKAN	MACRO CELL	5.1204	116.5067
3	JEN2_3196	JALAN PENANGAH	SABAH	SANDAKAN	MACRO CELL	5.375	116.8767
4	JEN2_0478	PINAWANTAI	SABAH	PANTAI BARAT	MACRO CELL	6.15032	116.77648
5	JEN2_0598	JALAN TELUPID TONGOD	SABAH	SANDAKAN	MACRO CELL	5.417	117.0579
6	JEN2_0600	TMC 4 (MATA CHINTA SDN BHD)	SABAH	SANDAKAN	MACRO CELL	5.30092	116.77879
7	JEN2_1117	KG KALING	SABAH	SANDAKAN	MACRO CELL	5.48046	117.04143
8	JEN2_1126	TONGOD ESTATE (AGROPOLITAN SLDB)	SABAH	SANDAKAN	MACRO CELL	5.4395	116.75308
9	JEN2_1131	KAMPUNG KUAYUP	SABAH	SANDAKAN	MACRO CELL	5.24463	116.846
10	JEN2_1138	MAYVIN ESTATE	SABAH	SANDAKAN	MACRO CELL	5.47624	117.37861
11	JEN2_1141	TAMACO ESTATE	SABAH	SANDAKAN	MACRO CELL	5.59122	117.40209
12	JEN2_1296	LADANG PINANGAH (MASIH JAYA)	SABAH	SANDAKAN	MACRO CELL	4.85243	116.63871
13	JEN2_2562	ESTATE KG WAWASAN KENINGAU	SABAH	SANDAKAN	MACRO CELL	5.27193	116.56032
14	JEN2_3170	JLN KG IMBAK 2	SABAH	SANDAKAN	MACRO CELL	5.27234	117.1066
15	JEN2_3186	LEBIHHASIL SDN BHD	SABAH	SANDAKAN	MACRO CELL	5.3215	117.00338
16	JEN2_3191	KG IMBAK	SABAH	SANDAKAN	MACRO CELL	5.31514	117.21081
17	JEN2_3193	JLN PENANGAH	SABAH	SANDAKAN	MACRO CELL	5.37467	116.83293
18	JEN2_3226	CORAK NAKHODA SDN BHD	SABAH	SANDAKAN	MACRO CELL	5.32154	117.00338
19	JEN2_3499	MALIAU ESTATE	SABAH	TAWAU	MACRO CELL	4.74867	117.28094
20	JEN2_3502	BENTA WAWASAN	SABAH	SANDAKAN	MACRO CELL	4.82474	117.31732
21	JEN2_3624	SLDB LALAMPAS	SABAH	SANDAKAN	MACRO CELL	5.43601	116.76657
22	JEN2_1398_SC_4	BINUANG ESTATE OFFICE_4	SABAH	TAWAU	SMALL CELL	4.69568	117.47415
23	JEN2_1769_SC_1	SG PINANGAH_1	SABAH	SANDAKAN	SMALL CELL	4.9285	116.6806
24	JEN2_0963	IOI LIMBAR 2	SABAH	SANDAKAN	MACRO CELL	5.5017	117.64709

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
25	JEN2_0964	MALBUMI EST	SABAH	SANDAKAN	MACRO CELL	5.39226	117.66995
26	JEN2_0975	NAM WAH PLANTATION DIV 1	SABAH	SANDAKAN	MACRO CELL	5.41681	117.81982
27	JEN2_1404	SENG HENG ESTATE	SABAH	SANDAKAN	MACRO CELL	5.62912	117.39668
28	JEN2_2422	PINTASAN 7 ESTATE	SABAH	SANDAKAN	MACRO CELL	5.34804	117.68111

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CLUSTER 13: SABAH

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_0481	SUNGEI MANGIS PLANTATION SDN BHD 3	SABAH	SANDAKAN	MACRO CELL	5.66112	117.45535
2	JEN2_1272	PINTASAN ESTATE 3	SABAH	SANDAKAN	MACRO CELL	5.27031	117.79925
3	JEN2_1278	PUNYAMAS PLANTATIONS	SABAH	SANDAKAN	MACRO CELL	5.41795	117.82841
4	JEN2_5689	KLK LADANG BORNION	SABAH	SANDAKAN	MACRO CELL	5.61736	117.78694
5	JEN2_5691	KRETAM BUKIT SEKONG	SABAH	SANDAKAN	MACRO CELL	5.6048	117.90277
6	JEN2_5654	KWANTAS KG. MEWAH	SABAH	SANDAKAN	MACRO CELL	5.2326	117.8926
7	JEN2_3700	PAHANG 3	SABAH	SANDAKAN	MACRO CELL	5.37316	118.14054
8	JEN2_5647	SK AMALANIA ESTATE	SABAH	SANDAKAN	MACRO CELL	5.34675	118.3943
9	JEN2_5635	BKT KRETAN ESTATE	SABAH	SANDAKAN	MACRO CELL	5.47675	118.59074
10	JEN2_1966	MEWAH PALM OIL	SABAH	SANDAKAN	MACRO CELL	5.25742	117.90667
11	JEN2_3698	PERMODALAN 4 ESTATE	SABAH	SANDAKAN	MACRO CELL	5.4597	118.45538
12	JEN2_5601	LADANG PWEMODALAN 1	SABAH	SANDAKAN	MACRO CELL	5.49955	118.45759
13	JEN2_5634	KOLOPIS ESTATE	SABAH	SANDAKAN	MACRO CELL	5.29186	117.95747
14	JEN2_1951	WAWASAN ESTATE CLINIC	SABAH	SANDAKAN	MACRO CELL	5.64889	118.02426
15	JEN2_5605	TEY AH BU BLOCK 15	SABAH	SANDAKAN	MACRO CELL	5.4152	118.2049
16	JEN2_5627	BATU PUTIH PALM OIL	SABAH	SANDAKAN	MACRO CELL	5.59068	117.94389
17	JEN2_8112	KURIL ESTATE	SABAH	SANDAKAN	MACRO CELL	5.3868	118.0717
18	JEN2_5649	ASIA PALM OIL	SABAH	SANDAKAN	MACRO CELL	5.2869	118.206
19	JEN2_5633	GENTING LAYANG ESTATE	SABAH	SANDAKAN	MACRO CELL	5.4211	118.2306
20	JEN2_5943	HAM SAM SEE HOY	SABAH	SANDAKAN	MACRO CELL	5.275	118.23143
21	JEN2_5944	LADANG GENTING BAHAGIA	SABAH	SANDAKAN	MACRO CELL	5.35768	118.2645
22	JEN2_5958	HAP SENG PLANTATIONS - KRETAM ESTATE	SABAH	SANDAKAN	MACRO CELL	5.41369	118.48831
23	JEN2_5960	HAP SENG PLANTATIONS - LITANG UTARA ESTATE	SABAH	SANDAKAN	MACRO CELL	5.35545	118.54574
24	JEN2_0985_SC_2	KG. MEWAH TAMBADAU_2	SABAH	SANDAKAN	SMALL CELL	5.25239	117.95423

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
25	JEN2_0985_SC_4	KG. MEWAH TAMBADAU_4	SABAH	SANDAKAN	SMALL CELL	5.24153	117.9559
26	JEN2_2470_SC_2	KG KOYAH BERSATU_2	SABAH	SANDAKAN	SMALL CELL	5.26881	117.98416
27	JEN2_5915_SC_3	SURAU KG SUAN LAMBA SEKONG_3	SABAH	SANDAKAN	SMALL CELL	5.64152	117.9904

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CLUSTER 14: SABAH

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_0481	SK TAMPASAK	SABAH	PANTAI BARAT	MACRO CELL	5.85122	116.27344
2	JEN2_1272	KG POROPOK	SABAH	PANTAI BARAT	MACRO CELL	5.92157	116.2373
3	JEN2_1278	TOGUDON	SABAH	PANTAI BARAT	MACRO CELL	5.85515	116.31087
4	JEN2_5689	KG TIMPANGO	SABAH	PANTAI BARAT	MACRO CELL	5.88613	116.17024
5	JEN2_5691	KG TERIAN	SABAH	PANTAI BARAT	MACRO CELL	5.8096	116.18081
6	JEN2_5654	KG. SUMBLING	SABAH	PANTAI BARAT	MACRO CELL	5.51128	115.9206
7	JEN2_3700	JLN BAMBANGAN / JLN KAMPUNG BARU	SABAH	PANTAI BARAT	MACRO CELL	5.44916	115.81757
8	JEN2_5647	KG. SINOKO	SABAH	PANTAI BARAT	MACRO CELL	5.42372	115.83745
9	JEN2_5635	KG. SIMPANGAN	SABAH	PEDALAMAN	MACRO CELL	5.34445	115.76742
10	JEN2_1966	KG BINUNUK	SABAH	PEDALAMAN	MACRO CELL	5.33406	115.77285
11	JEN2_3698	KG KABULU	SABAH	PEDALAMAN	MACRO CELL	5.38837	115.61441
12	JEN2_5601	KG SUASA	SABAH	PEDALAMAN	MACRO CELL	5.28946	115.56556
13	JEN2_5634	JALAN BINUJUK	SABAH	PEDALAMAN	MACRO CELL	5.33486	115.7542
14	JEN2_1951	KG MELAGAU	SABAH	PEDALAMAN	MACRO CELL	4.99991	115.63536
15	JEN2_5605	KG LUBANG BUAYA	SABAH	PEDALAMAN	MACRO CELL	4.99719	115.58018
16	JEN2_5627	MELINGAN	SABAH	PEDALAMAN	MACRO CELL	4.6836	115.70513
17	JEN2_8112	KAMPUNG LABAK	SABAH	PANTAI BARAT	MACRO CELL	5.820021	116.0806
18	JEN2_5649	ULU LUMAGAR	SABAH	PANTAI BARAT	MACRO CELL	5.43408	115.89842
19	JEN2_5633	KG PANGARAWAN	SABAH	PEDALAMAN	MACRO CELL	4.9719	115.74885

CLUSTER 15: SABAH

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
1	JEN2_1586	ARYSAIDI - HOUSING COMPLEX	SABAH	PANTAI BARAT	MACRO CELL	6.10854	116.85352
2	JEN2_2506	KG LONGUT	SABAH	PANTAI BARAT	MACRO CELL	5.8271	116.6108
3	JEN2_5776	KG LUNGKIDAU	SABAH	PANTAI BARAT	MACRO CELL	5.76591	116.81427
4	JEN2_0941	SINUA TRUSMADI TAINISKON LODGE	SABAH	SANDAKAN	MACRO CELL	5.5001	116.596
5	JEN2_2554	KG NANDAGAN	SABAH	SANDAKAN	MACRO CELL	5.4275	116.5046
6	JEN2_2565	KG. SINUA	SABAH	SANDAKAN	MACRO CELL	5.4664	116.6035
7	JEN2_0946	BELININ ESTATE	SABAH	PEDALAMAN	MACRO CELL	5.1671	116.0824
8	JEN2_0950	KG KALAMPUN	SABAH	PEDALAMAN	MACRO CELL	5.0746	116.1231
9	JEN2_1687	OKIDVILLE ESTATE	SABAH	PEDALAMAN	MACRO CELL	5.0753	116.2611
10	JEN2_5679	KG. KUALA KAHABA	SABAH	PEDALAMAN	MACRO CELL	5.007	116.1116
11	JEN2_5680	KG. TATALUAN	SABAH	PEDALAMAN	MACRO CELL	5.1087	116.1221
12	JEN2_5697	KG. NAMADAN BARU	SABAH	PEDALAMAN	MACRO CELL	5.1365	116.2123
13	JEN2_5698	KG MANSIANG BARU	SABAH	PEDALAMAN	MACRO CELL	5.2667	116.215
14	JEN2_5723	KG. BINAKAAN	SABAH	PEDALAMAN	MACRO CELL	5.0842	116.3301
15	JEN2_5899	PROLIFIC YIELD POM	SABAH	SANDAKAN	MACRO CELL	5.7221	117.8574
16	JEN2_1364	KH PINAWANTAI	SABAH	PANTAI BARAT	MACRO CELL	6.15611	116.77588
17	JEN2_1369	PULARAI GIRING	SABAH	PANTAI BARAT	MACRO CELL	6.05702	116.9565
18	JEN2_1558	KAMPUNG PAHU	SABAH	PANTAI BARAT	MACRO CELL	6.13499	116.77553
19	JEN2_2865	KG. GARUNG LAMA	SABAH	PANTAI BARAT	MACRO CELL	6.22958	116.97371
20	JEN2_3197	JALAN IMBAK	SABAH	SANDAKAN	MACRO CELL	5.2959	117.2709
21	JEN2_5783	KAMPUNG TOUPUS	SABAH	PANTAI BARAT	MACRO CELL	5.67018	116.86684
22	JEN2_1567	NABUTAN	SABAH	PANTAI BARAT	MACRO CELL	5.66847	116.87994

NO.	SITE ID	SITE NAME	STATE	UST	SOLUTION	LATITUDE	LONGITUDE
23	JEN2_5774	LADANG SABAH TEA	SABAH	PANTAI BARAT	MACRO CELL	5.94434	116.80425
24	JEN2_5780	JALAN TAMPIOS PAUS	SABAH	PANTAI BARAT	MACRO CELL	5.70312	116.83315
25	JEN2_5701	LUANTI BARU	SABAH	PEDALAMAN	MACRO CELL	5.40514	116.25064
26	JEN2_0951	LADANG MESEJ	SABAH	PEDALAMAN	MACRO CELL	5.26364	116.2642
27	JEN2_1672	GOLDEN BORNEO POWER ESTATE	SABAH	PEDALAMAN	MACRO CELL	4.97626	116.20927

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APPENDIX 2 – REGISTRATION OF INTEREST FORM

[To be printed on Interested Licensee's Letterhead]

REGISTRATION OF INTEREST

Ref No. :
Date :

To: **MALAYSIAN COMMUNICATIONS AND MULTIMEDIA COMMISSION**
MCMC Tower 1, Jalan Impact, Cyber 6
63000 Cyberjaya, Selangor
(Attention: Universal Service Provision Division)

Dear Sirs,

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

Reference is made to the above and to the "Invitation to Register Interest as a Universal Service Provider – Ref. no. SKMM/USPD/UPD/190_JEN2/Invitation(J2/PCS/2026) ("Invitation") issued by the Commission.

2. 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"), for the following scope:

- Part 1
- Part 2

for the Universal Service Targets specified below:

- i. Cluster No. xx of xx
- ii. Cluster No. xx of xx
- iii. Cluster No. xx of xx

3. In compliance with the requirements stipulated under the Communications and Multimedia Act 1998 and its subsidiary regulations, we provide below a detailed list of the licence(s) are currently held by our organisation.

- (a) Network Facilities Provider (NFP(I)) : [Specify Licence No.]
 - (b) Network Service Provider (NSP(I)) : [Specify Licence No.]
 - (c) Applications Service Provider (ASP(C)) : [Specify Licence No.]
- (*where applicable)*

4. 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

[Company Stamp]

.....
 (Name and Designation)

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

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APPENDIX 3 – LICENSEE’S INFORMATION

The Interested Licensee shall submit the documents as follows:

1. Certified true copy of NFP(I) licence – Part 1
2. Certified true copy of NFP(I), NSP(I) and ASP(C) licences – Part 2
3. Certified true copy of the latest corporate information issued by the Companies Commission of Malaysia namely SSM e-info, which include but not limited to; the information as follows:
 - (a) Company name and company registration number;
 - (b) Date of incorporation;
 - (c) Registered and business address;
 - (d) Total issued capital (RM);
 - (e) Directors and shareholders; and
 - (f) Summary of financial information.
4. A certified true copy of a valid CIDB certificate under the name of the Interested Licensee.
5. Identity of collaboration partner (if applicable).
6. Names of Professional Consultant Services companies registered with the Board of Engineers of Malaysia to be appointed to design and provide endorsement of the drawings for Civil, Structure, Mechanical, and Electrical.
7. Number of employees to undertaken this Project.
8. Financial details
 - (a) Assets (RM):
 - (b) Liabilities (RM):
 - (c) Net Worth (Assets – Liabilities) (RM):
9. Certified true copy of bank statements for the past three (3) consecutive months.
10. Certified true copy of audited accounts for the past three (3) consecutive financial years.
11. 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	Project Cost (RM)
1.					

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

No.	Project name	Role played	Client(s)	Scope of work	Delivery timeline / year	Project value (RM)
1.						

13. Brief information of the project management team shall be specified in a format 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
1.					

- *The position shall include but not limited to Project Manager, Planner, HSE Officer, Technical Director, RF Engineer, Permitting Officer and Site acquisition.*

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APPENDIX 4 – SCOPE OF DRAFT UNIVERSAL SERVICE PLAN

A. Scope of Draft Universal Service Plan for Part 1

Technical proposal for Part 1:

SECTION	DESCRIPTION																											
SECTION A	EXECUTIVE SUMMARY FOR CLUSTER NO. #																											
	Overview of the technical proposal.																											
SECTION B	TECHNICAL PROPOSAL FOR CLUSTER NO. #																											
B1	1. Summary of the technical proposal.																											
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #ADD8E6;">No.</th> <th style="background-color: #ADD8E6;">State</th> <th style="background-color: #ADD8E6;">Site ID</th> <th style="background-color: #ADD8E6;">Site name</th> <th style="background-color: #ADD8E6;">UST</th> <th style="background-color: #ADD8E6;">Structure type</th> <th style="background-color: #ADD8E6;">Tower height (m)</th> <th style="background-color: #ADD8E6;">Compound size (m) (L x W)</th> <th style="background-color: #ADD8E6;">No. of population</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No.	State	Site ID	Site name	UST	Structure type	Tower height (m)	Compound size (m) (L x W)	No. of population																		
	No.	State	Site ID	Site name	UST	Structure type	Tower height (m)	Compound size (m) (L x W)	No. of population																			
<p><i>Note: The summary of information in the table must match with the detailed information submitted in the Draft Universal Service Plan</i></p>																												
	<p>2. Interested Licensee shall submit;</p> <p style="margin-left: 40px;">2.1 Work Programme level 3 for each Cluster, detailing starting date and completion date for each site by using MS Project software.</p> <p style="margin-left: 40px;">2.2 Health, Safety and Environmental (HSE)</p> <p style="margin-left: 80px;">Interested Licensee shall submit the (HSE) document comprising the following:</p> <p style="margin-left: 120px;">a) HSE Policy</p> <ul style="list-style-type: none"> • A formal statement outlining the company's commitment to health, safety, and environmental protection. • Must align with DOSH regulations, Malaysian environmental laws, and industry best practices. • Should include objectives such as zero accidents, safe work practices, and environmental sustainability. <p style="margin-left: 120px;">b) HSE Plan for the Project.</p> <ul style="list-style-type: none"> • Risk assessment and hazard identification. • PPE requirements and compliance monitoring. 																											

- Incident reporting and corrective actions

c) HSE Organisation Chart

A clear structure showing roles and responsibilities for HSE management within the project.

- Must Identify HSE Officer (certified and appointed)
- Reporting lines to project management

d) Quality Management Plan

Interested Licensee shall submit Procedures for ensuring quality across all deliverables. Shall include:

- Inspection and test plans
- Material verification and certification
- Non-conformance reporting and corrective actions
- Document control and audit readiness
- Quality Personnel and organisation chart

Reference to ISO 9001 or equivalent standards is recommended.

e) Risk Management Plan.

Interested Licensee shall submit a Risk Management Plan that demonstrates their ability to identify, assess, and mitigate risks associated with the project. The plan must include a risk register, mitigation strategies, and monitoring framework.

2.3 Technical Proposal and Methodology

Interested Licensee shall submit the Project technical proposal which comprising the following documents.

a) Project understanding

- Overview of the project objectives, scope, challenges and site conditions.
- Identification of key risks (e.g., remote site access, permitting delays) and mitigation strategies.
- Alignment with JENDELA programme goals and timelines.

b) Foundation and tower erection method statement

Step-by-step process for civil works, foundation construction, tower erection and equipment installation. Include:

- Erection of foundation and towers/poles (Part 1)

	<ul style="list-style-type: none"> • Equipment installation plan procedures (Part 2) • Testing and commissioning plan and procedures • Safety measures for lifting and working at heights • Quality control checks during each stage <p>c) Site acquisition, Permitting and Tenancy Plan Management and execution Plan. Detailed approach for securing site access and legal approvals.</p> <ul style="list-style-type: none"> • Engagement strategy with local authorities and landowners • Timeline for permit applications and expected lead times • Risk mitigation for delays (e.g., alternate sites, escalation process).
B2	Please attach the BOQ for each location. Refer to APPENDIX 7 for BOQ template.

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Financial proposal for Part 1:

Note:

All pages of the Financial Proposal of the Draft Universal Service Plan shall be duly initialled and affixed with the company rubber stamp of the Interested Licensee.

SECTION	DESCRIPTION
SECTION A	EXECUTIVE SUMMARY FOR CLUSTER NO. #
A	Overview of the financial proposal.
SECTION B	FINANCIAL PROPOSAL FOR CLUSTER NO. #
B1	Summary of the financial proposal: Please refer to Appendix 5 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	Please attach the complete BOQ for each location. Refer to APPENDIX 7 for BOQ template.
SECTION C	OTHER INFORMATION
	Other information deemed necessary.

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B. Scope of Draft Universal Service Plan for Part 2

Technical proposal for Part 2:

SECTION	DESCRIPTION													
SECTION A	EXECUTIVE SUMMARY FOR CLUSTER NO. #													
	Overview of the technical proposal.													
SECTION B	TECHNICAL PROPOSAL FOR CLUSTER NO. #													
B1	Summary of the technical proposal.													
	No.	State	Site ID	Site name	UST	Structure type	Tower height (m)	Compound size (m) (L x W)	No. of population	Type of power supply	Type of backhaul	Proposed site capacity (Mbps)	Proposed frequency band(s) (MHz)	Proposed spectrum bandwidth (MHz)
													4G and/or 5G	4G and/or 5G
													4G and/or 5G	4G and/or 5G
	<p><i>Note: The summary of information in the table must match the detailed information submitted in the Draft Universal Service Plan. The Interested Licensee(s) shall use 6-Way MOCN as the RAN sharing solution for this Project.</i></p>													
B2	Please attach the BOQ for each location. Refer to APPENDIX 7 for BOQ template.													

SECTION	DESCRIPTION
B3	<ol style="list-style-type: none"> 1. Comprehensive details of a 6-Way-MOCN RAN sharing solution for 4G or 4G & 5G services. 2. Proposed network block diagram for the 6-Way-MOCN RAN sharing solution(s). The proposed network dimensioning for all identified locations in Appendix 1 of this Invitation shall be according to the latest Mandatory Standards for Quality of Service issued by the Commission. 3. Network topology for interoperability and interconnection for the overall network: <ul style="list-style-type: none"> • Site ID; • Location of Point of Interconnect; • Location of NOC; and • Others (please specify clearly). 4. 2 years OPEX implementation plan <ul style="list-style-type: none"> • Operations & Maintenance Plan — preventive and corrective maintenance activities and service model. • Resource & Workforce Plan — required manpower, roles, and deployment arrangement over 2 years. • Risk & Mitigation Summary — key operational risks and how they will be managed during the 2-year period.

Financial proposal for Part 2:

Note:

All pages of the Financial Proposal of the Draft Universal Service Plan shall be duly initialled and affixed with the company rubber stamp of the Interested Licensee.

SECTION	DESCRIPTION
SECTION A	EXECUTIVE SUMMARY FOR CLUSTER NO. #
A	Overview of the financial proposal.
SECTION B	FINANCIAL PROPOSAL FOR CLUSTER NO. #
B1	Summary of the financial proposal: Please refer to Appendix 5 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	Please attach the completed BOQ for each location – Refer to APPENDIX 7.
SECTION C	OTHER INFORMATION
	Other information deemed necessary.

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APPENDIX 5 – TEMPLATE FOR FINANCIAL PROPOSAL

A. For Part 1:

Capital Expenditure (CAPEX)

No.	Site ID	Site name	(A) Preliminaries and General Requirements (RM)	(B) Site Planning & Design (RM)	(C) Site Acquisition & Permitting (RM)	(D), (E) Site Preparation, Earthworks (RM)	(F) Tower Foundation (RM)	(G) Equipment Foundation (RM)	(H) Tower Supply and Installation (RM)	(I) Earthing & Lightning Protection System (RM)	(J) Genset (RM)	(K) Site earthworks and platforms (RM)	(L), (M), (N), (O), (P) Fencing, Drainage, Access, Ducting, Fire Fighting (RM)	(Q) Project Management (RM)	(R) Documentation (RM)	Additional Work (RM)	Total (RM)

Note:

- The amount shall be carried forward from the completed priced BOQ provided in **Appendix 7**
- All prices shall be inclusive of any applicable tax imposed by the Government.
- All sites must have a project signage erected.
- The signage should specify the details of the service provider, a hotline number and the expected timeline for Project delivery.

Signed for and on behalf of

Company Stamp

.....

.....

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

All signatures, initials, and other handwritten marks on the original hard copy of the proposals must be made in blue ink.

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B. For Part 2:

Capital Expenditure (CAPEX)

No.	Site ID & site name	(A) Preliminaries and General Requirements (RM)	(B) Site Planning & Design (RM)	(C) Equipment and Systems (RM)	(D) Backhaul Transmission Systems (RM)	(E) Minor CME (RM)	(F) Commercial Power Supply and AC/DC Power Equipment (RM)	(G) Solar Power System (RM)	(H) Genset Power System (RM)	(I) Site Related Systems (RM)	(J) Network Integration & Performance Elements (RM)	(K) Project Management Services (RM)	(L) Documentation (RM)	(M) Additional Works (RM)	Total (RM)

Note:

- The amount shall be carried forward from the completed priced BOQ provided in **Appendix 7**
- All prices shall be inclusive of any applicable tax imposed by the Government.
- All sites must have a Project signage erected.
- The signage should specify the details of the service provider, a hotline number and the expected timeline for Project delivery.
- The cost for the signage at each site shall be borne by the Part 2 DUSP (not claimable from the USP Fund).

Signed for and on behalf of

Company Stamp

.....

.....

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

All signatures, initials, and other handwritten marks on the original hard copy of the proposals must be made in blue ink.

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Operational Expenditure (OPEX)

No.	Site ID and site name	(A) Rentals and Permits (RM)	(B) Tower and Physical Site Maintenance & Management (RM)	(C) Active Equipment Maintenance (RM)	(D) Utility Charges (RM)	(E) Network Monitoring and Performance Management (RM)	(F) Project Management (RM)	(G) Documentation (RM)	((H) Other Relevant Works and Charges (RM)	TOTAL OPEX (RM)

Note:

- The amount shall be carried forward from the completed priced BOQ provided in **Appendix 7**
- All prices shall be inclusive of any applicable tax imposed by the Government.
- All sites must have a Project signage erected.
- The signage should specify the details of the service provider, a hotline number, and the expected timeline for Project delivery.
- The cost for the signage at each site shall be borne by the Part 2 Designated Universal Service Provider (not claimable from the USP Fund).

Signed for and on behalf of

Company Stamp

.....

.....

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

All signatures, initials, and other handwritten marks on the original hard copy of the proposals must be made in blue ink.

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APPENDIX 6 – SCHEDULE OF CLAIMS

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:

A. Claim schedule for Part 1

Milestone No.	Claim (%)	Description	Conditions
Capital Expenditure (“CAPEX”)			
1.	15	Advance Payment Claim	Submission of written claim(s) shall be in the form and format specified by the Commission and shall be made upon: <ol style="list-style-type: none"> Receipt of DUSP’s acceptance of the Notification of Approval; and Acceptance of the Performance Bond by the Commission.
2.	35	1 st Progress Payment Claim	Submission of written claim(s) shall be upon: <ol style="list-style-type: none"> Commencement of the second segment of tower erection work; The acceptance of all relevant approvals by the Relevant Authorities in respect of each location by the Commission; and Submission of the Declaration of the completion of work for Milestone No. 2 at the relevant location.
3.	40	2 nd Progress Payment Claim	Submission of written claim(s) shall be upon: <ol style="list-style-type: none"> Completion of tower erection work; Submission of an official written notification from the Part 1 DUSP to the Part 2 DUSP and copy to the Commission for the handover of tower(s) and its ancillaries for each site location; and Submission of the Declaration of the completion of work for Milestone No. 3 at the relevant location.

4.	10	Final Payment Claim	<p>Submission of written claim(s) shall be upon:</p> <ul style="list-style-type: none"> a) Twelve (12) months from the submission of the Declaration of completion of work for Milestone No. 3 above; and b) The submission of the final payment claim(s) shall also be accompanied by a declaration of an external licensed auditor appointed by the Part 1 DUSP to certify that the Work has been delivered and that all claims made have been verified to be accurate and true.
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Note:

The Commission reserves the right to verify the written claim(s) for each location in the USTs specified in **Appendix 1** of this Invitation, submitted by the DUSP pursuant to the USP Regulations, prior to making any payments, and the verification made by the Commission shall be final.

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C. Claim schedule for Part 2

Milestone No.	Claim (%)	Description	Conditions
Capital Expenditure (“CAPEX”)			
1.	15	Advance Payment Claim	Submission of written claim(s) shall be in the form and format specified by the Commission and shall be made upon: a) Receipt of DUSP’s acceptance of the Notification of Approval; and b) Acceptance of the Performance Bond by the Commission.
2.	75	Progress Payment Claim	Submission of written claim(s) shall be in the form and format specified by the Commission and shall be made upon 4G or 4G and 5G services at UST(s) being confirmed “on air” and available for use by the end users, which shall be signified through the submission of the Declaration of the completion of work for Milestone No. 2 at the relevant location.
3.	10	Final Payment Claim	Submission of written claim(s) shall be in the form and format specified by the Commission and shall be made 12 months AFTER the submission of the Declaration of the site being “on air” and available for use by the end user, is received by the Commission. The submission of the final payment claim(s) shall also be accompanied by a Declaration of an external licenced auditor appointed by the Part 2 DUSP to certify that the Work has been delivered and that all claims made have been verified to be accurate and true.
Total	100		

Milestone No.	Claim (%)	Description	Conditions
Operational Expenditure (“OPEX”)			
4.	100	Quarterly Payment Claim [throughout the period of two (2) 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 made by Part 2 DUSP.

Note:

The Commission reserves the right to verify the written claim(s) for each location in the USTs specified in **Appendix 1** of this Invitation, submitted by the DUSP pursuant to the USP Regulations, prior to making any payments, and the verification made by the Commission shall be final.

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APPENDIX 7 – BILL OF QUANTITIES

The Commission shall provide the relevant information via separate links to Interested Licensees that have duly submitted their Registration of Interest (ROI) form, subject to verification and acceptance by the Commission.

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APPENDIX 8 – DRAWINGS

The Commission shall provide the relevant information via separate links to Interested Licensees that have duly submitted their Registration of Interest (ROI) form, subject to verification and acceptance by the Commission.

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APPENDIX 9 – TECHNICAL SPECIFICATIONS

The Commission shall provide the relevant information via separate links to Interested Licensees that have duly submitted their Registration of Interest (ROI) form, subject to verification and acceptance by the Commission.

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APPENDIX 10 – SITE SURVEY REPORT

The Commission shall provide the relevant information via separate links to Interested Licensees that have duly submitted their Registration of Interest (ROI) form, subject to verification and acceptance by the Commission.

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