



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 UPGRADING OF NETWORK FACILITIES FOR
Wi-Fi CONNECTIVITY AT PUBLIC HIGHER EDUCATION INSTITUTIONS,
POLYTECHNICS, AND COMMUNITY COLLEGES UNDER THE UNIVERSAL
SERVICE PROVISION INITIATIVE**

Ref: SKMM(S)/USPD/UPD/210/Jld.1(Invitation/IPTA-WI-FI Batch 2/2025)
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TABLE OF CONTENTS

ABBREVIATIONS.....	4
INTERPRETATION.....	5
SECTION I.....	7
INTRODUCTION.....	7
1. BACKGROUND.....	7
SECTION II.....	8
DESCRIPTION OF SCOPE OF WORK.....	8
2. GENERAL DESCRIPTION OF THE FACILITIES TO BE PROVIDED.....	8
3. SCOPE OF WORK.....	8
4. DETAILED SCOPE OF WORK.....	9
SECTION III.....	12
REGISTRATION OF INTEREST AND SUBMISSION OF THE DRAFT UNIVERSAL SERVICE PLAN.....	12
5. REGISTRATION OF INTEREST REQUIREMENTS.....	12
6. THE DRAFT UNIVERSAL SERVICE PLAN.....	13
7. SUBMISSION OF THE DRAFT UNIVERSAL SERVICE PLAN.....	13
8. CLOSING DATE.....	15
9. MATTERS FOR CONSIDERATION IN APPROVING THE DRAFT UNIVERSAL SERVICE PLAN.....	16
SECTION IV.....	17
PAYMENT FROM THE USP FUND.....	17
10. CLAIMS FOR PAYMENT.....	17
SECTION V.....	18
GENERAL TERMS AND CONDITIONS.....	18
11. DESIGN AND QUALITY OF SERVICE.....	18
12. DESIGN SPECIFICATION / CONFIGURATION.....	18
13. SUPPORT SERVICES.....	18
14. REPORT TO THE COMMISSION.....	18
15. SUPPLIED MATERIALS AND EQUIPMENT.....	19
16. APPROVAL FROM RELEVANT AUTHORITIES.....	19
17. INSPECTION AND AUDIT.....	20
18. SAFETY.....	20
19. EXTENSION OF TIME.....	20
20. EFFECT OF FORCE MAJEURE.....	21
21. PERFORMANCE BOND.....	21

22. APPOINTMENT OF ANOTHER PARTY BY DUSP TO UNDERTAKE THE WORKS UNDER THE PROJECT	22
23. CLARIFICATION AND ENQUIRIES	22
24. OMISSIONS OR ERRORS	23
APPENDIX 1 – LIST OF LOCATIONS FOR THE INSTALLATION AND UPGRADING OF NETWORK FACILITIES FOR Wi-Fi CONNECTIVITY AT PUBLIC HIGHER EDUCATION INSTITUTIONS, POLYTECHNICS, AND COMMUNITY COLLEGES	24
APPENDIX 2 – REGISTRATION OF INTEREST FORM.....	39
APPENDIX 3 – TECHNICAL DETAILS.....	41
APPENDIX 4 – FINANCIAL DETAILS	43
APPENDIX 5 – LICENSEE'S INFORMATION.....	44
APPENDIX 6 – CLAIM SCHEDULE	45

ABBREVIATIONS

AC	-	Access Controller
AP	-	Access Point
AS	-	Access Switch
BOQ	-	Bill of Quantity
CS	-	Core Switch
CAPEX	-	Capital Expenditure
CIDB	-	Construction Industry Development Board of Malaysia
DS	-	Distribution Switch
DUSP	-	Designated Universal Service Provider
LAT	-	Latitude
LONG	-	Longitude
MCMC	-	Malaysian Communications and Multimedia Commission
MOHE	-	Ministry of Higher Education
NFP(I)	-	Network Facilities Provider Individual Licence
PVC	-	Polyvinyl Chloride
Qty.	-	Quantity
Ref	-	Reference
RFS	-	Ready for Service
SEB	-	Sarawak Energy Berhad
SESB	-	Sabah Electricity Sdn Bhd
SOP	-	Standard Operating Policies and Procedures
SSID	-	Service Set Identifier
TNB	-	Tenaga Nasional Berhad
UAT	-	User Acceptance Test
USP	-	Universal Service Provision
UST	-	Universal Service Target
UTP	-	Unshielded Twisted Pair
WLAN	-	Wireless Local-Area Network

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) "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 (as defined herein).
- c) "Bill of Quantity or BOQ" means a customised document proposed by the Interested Licensee (as defined herein) to the Commission in which materials, parts, equipment and cost of labour are itemised. The BOQ is to be priced in Ringgit Malaysia and shall be inclusive of any applicable tax imposed by the Government of Malaysia. The sum of the amount shown in the BOQ shall represent the total cost for each location at the Public Higher Education Institution, Polytechnic, and Community College.
- d) "Commission" means the Malaysian Communications and Multimedia Commission established under the Malaysian Communications and Multimedia Commission Act 1998 [(Act 589)].
- e) "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 identified location (as defined herein) for at least seven (7) years from the submission of the Declaration (as defined herein) for Milestone No. 3 as stipulated in **Appendix 6** in this Invitation.
- f) "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 attached to the Notification of Approval issued to the relevant Designated Universal Service Provider 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.
- g) "Designated Universal Service Provider" means any Interested Licensee (as defined herein) designated by the Commission under regulation 9 of the USP Regulations pursuant to this Invitation.

- h) "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.
- i) "Interested Licensee" means any person who holds a valid Network Facilities Provider Individual Licence under the Act, meets the eligibility criteria set pursuant to subregulation 5(2)(ga) of the USP Regulations, and registers its interest in responding to this Invitation.
- j) "Licensee" means a person who either holds an individual licence, or undertakes activities which are subject to a class licence, granted under the Act.
- k) "Notification of Approval" means a notification issued by the Commission to the Designated Universal Service Provider pursuant to regulation 9 of the USP Regulations.
- l) "Relevant Authorities" include but are not limited to the Fire and Rescue Department of Malaysia, the power supply providers (for example TNB, SEB and SESB), and all relevant local authorities.
- m) "Universal Service Target or UST" means an underserved area and/or an underserved group within the community.
- n) "USP Regulations" means the Communications and Multimedia (Universal Service Provision) Regulations 2002.
- o) "Sites" means faculties, campuses, residential colleges, administrative buildings or other buildings identified by the Public Higher Education Institutions, Polytechnics, and Community Colleges.
- p) "Work" means the entire scope of work to be undertaken and completed by the Designated Universal Service Provider pursuant to the Approved Universal Service Plan and the Notification of Approval issued by the Commission.

SECTION I INTRODUCTION

1. BACKGROUND

- 1.1. This USP initiative is part of the Commission's ongoing efforts to bridge the digital divide between urban and rural areas, as well as between served and underserved communities 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 made pursuant to regulations 3, 3A, and 5 of the USP Regulations ("Invitation") to invite the Interested Licensee to register their interest to be the DUSP that undertakes the installation and upgrading of network facilities for Wi-Fi connectivity ("Project") at the identified locations, as specified in **Appendix 1** of this Invitation.
- 1.4. The initiative aims to enhance internet coverage for students, academic staff, administrative personnel, and visitors by providing secure, high-speed internet access through Wi-Fi connectivity across Public Higher Education Institutions, Polytechnics, and Community Colleges.
- 1.5. The latitude(s) and longitude(s) of the locations provided in **Appendix 1** are meant to serve as reference points only, to enable the Interested Licensee to identify the said locations.

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SECTION II DESCRIPTION OF SCOPE OF WORK

2. GENERAL DESCRIPTION OF THE FACILITIES TO BE PROVIDED

- 2.1. The network facilities to be provided under this Invitation include the supply, installation, configuration, integration and commissioning of wireless infrastructure and equipment (i.e. cables, APs, switches, controllers, among others) to deliver seamless Wi-Fi connectivity at the identified location, as specified in **Appendix 1** of this Invitation.
- 2.2. The scope of the Project also includes providing a comprehensive three (3) years support services package to ensure the reliability and optimal performance of the installed network facilities.
- 2.3. To ensure network readiness, proper installation, and thorough validation, the DUSP will implement a twelve (12) months cooling-off period following the completion of installation. During this period, the network's performance will be monitored and optimised as needed by the DUSP. **Figure 1** below provides an overview of the cooling-off period and the associated support services timeline.



Figure 1: Cooling-off and support services period

3. SCOPE OF WORK

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

General Requirements

- 3.2. The DUSP shall provide cost-effective, technologically and environmentally sustainable solutions and materials to undertake this Project.

- 3.3. In undertaking this Project, the DUSP shall comply with the following:
- 3.3.1. The Act, any subsidiary legislation made under the Act, including but not limited to the USP Regulations, other instruments, technical codes, guidelines or regulatory policies issued, made or given under the Act, including any amendment(s) or replacement(s) enacted thereafter;
 - 3.3.2. Any other requirements and/or conditions as set forth by the Public Higher Education Institution(s), Polytechnic(s), and Community College(s), and any other relevant state authority, local authority or other relevant authorities (“Authorities”) for the implementation of the Project; and
 - 3.3.3. Any other requirements and/or conditions that may be imposed by the Commission from time to time.
- 3.4. The DUSP shall also be required to adhere to all local laws and regulations which are legally binding in any State.

4. DETAILED SCOPE OF WORK

- 4.1. The DUSP shall be responsible for, but not limited to the following:
- 4.1.1. Identify the exact location of sites for the installation and upgrading of the network facilities at the identified locations as specified in **Appendix 1** of this Invitation.
 - 4.1.2. Perform actual site surveys to determine the best design and method for deployment, ensuring an optimal cost-saving approach.
 - 4.1.3. Undertake project planning and coordination with the relevant internal departments of the Public Higher Education Institution(s), Polytechnic(s), and Community College(s) to obtain the necessary permits or approval for the installation works, ensuring a streamlined and efficient process.
 - 4.1.4. Installation and upgrading of the network facilities i.e. wireless AP, switches, wireless controller or any other relevant equipment including the cabling works. An illustration of a high-level design of the scope of work can be referred to in **Figure 2**.

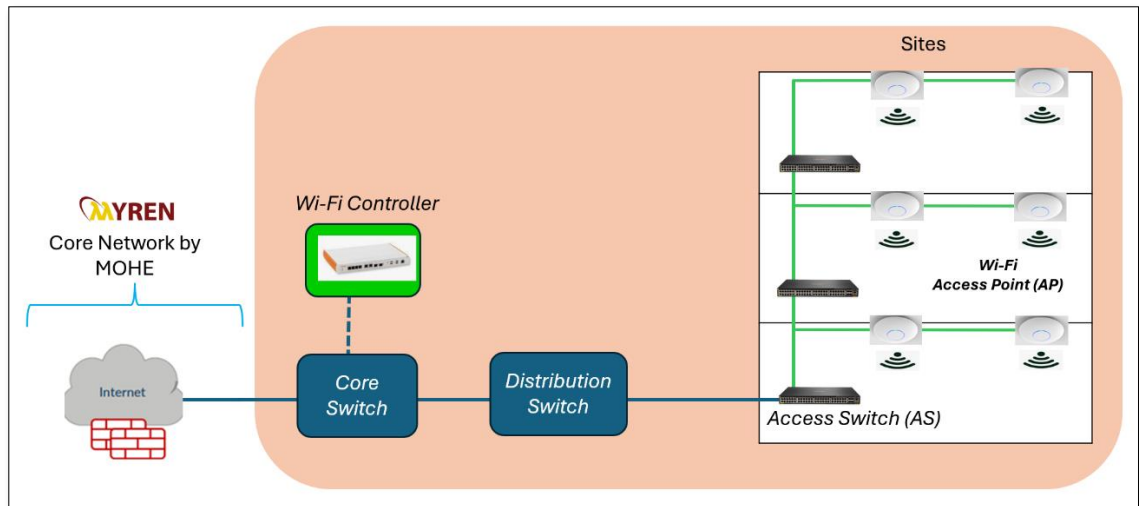


Figure 2: Illustration of high-level design of the scope of work

- 4.1.5. Upon completion, conduct an acceptance test to ensure that all newly installed and upgraded network facilities meet the specified requirements, specifications, and standards agreed upon by the receiving parties i.e. the IT Department, or relevant department of each Public Higher Education Institution, Polytechnic, and Community College.
- 4.1.6. Perform integration works with the existing Wi-Fi system and existing core network by MOHE to ensure seamless compatibility and optimal functionality, to avoid any potential issues during operation.

Implementation Period

- 4.2. The maximum implementation period for the DUSP shall not exceed four (4) months from the commencement date specified in the Notification of Approval.
- 4.3. The Interested Licensee shall propose a detailed implementation timeline in its draft universal service plan outlining when the requisite implementation activities shall be completed in accordance with the scope of work. This will be the basis for the Commission to monitor the progress of work for this Project.
- 4.4. The completion date shall be on the date of submission of the Declaration to the Commission for Milestone No. 1 as specified in the schedule of claims in **Appendix 6** of this Invitation ("**Completion Date**").

Warranty and Insurance

- 4.5. The DUSP shall be responsible for providing warranty and insurance for the items stipulated below:

Warranty

- 4.6. The period of warranty shall be for a minimum of 36 months, or as provided by the supplier, whichever is longer, for the equipment such as APs, switches, routers, controllers, etc. and to be disclosed clearly in writing to the Commission, if required. The warranty provided shall benefit both DUSPs and the receiving party.
- 4.7. In the event of vandalism during the first twelve (12) months cooling-off period, the DUSP shall be responsible for making immediate rectification and/or replacing any affected network facilities at its own cost.
- 4.8. The receiving party of the Public Higher Education Institution, Polytechnic, and Community College will liaise directly with the supplier of the equipment after twelve (12) months cooling-off period ends.

Insurance

- 4.9. The DUSP is required to take 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 from a natural disaster and having adequate public liability, fire and flood insurance coverage).
- 4.10. The relevant insurance must also be procured and maintained during the Implementation Period of this Project. Failure on the part to comply with this requirement shall result in the DUSP being solely responsible for any liabilities and/or losses that may arise. The insurance taken must be comprehensive and provide adequate coverage.

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SECTION III

REGISTRATION OF INTEREST AND SUBMISSION OF THE DRAFT UNIVERSAL SERVICE PLAN

5. REGISTRATION OF INTEREST REQUIREMENTS

- 5.1. The Interested Licensee which wishes to register its interest to become a 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.
- 5.2. The Interested Licensee is required to hold a 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 2000:
 - 5.2.1. Fixed links and cables;
 - 5.2.2. Radiocommunications transmitters and links; and
 - 5.2.3. Towers, poles, ducts, and pits to be used in conjunction with other network facilities.
- 5.3. The licensed area specified under the NFP(I) licence shall be “Malaysia”.
- 5.4. The Interested Licensee shall meet the following eligibility requirements:
 - 5.4.1. Minimum two (2) years of experience in the installation of network facilities for fixed or Wi-Fi connectivity;
 - 5.4.2. Not owe any outstanding fees (e.g. licence) to the Commission;
 - 5.4.3. Has duly submitted its Return of Net Revenue (RONR) forms to the Commission for each year without fail; and
 - 5.4.4. Has no outstanding USP Fund contribution¹.

¹ This is applicable for the licensees which are legally obliged to contribute to the USP Fund, where its total net revenue for the previous calendar year meets the minimum revenue threshold of RM2 million, from licensable activities specified under the Communications and Multimedia Act 1998.

- 5.5. The Commission shall have the right to reject and disqualify the submission of the Interested Licensee, which fails to comply with any requirements stated in subparagraphs 5.1, 5.2, 5.3 and 5.4 above.
- 5.6. The Interested Licensee shall register its interest with the Commission by completing the Registration of Interest form enclosed in **Appendix 2** of this Invitation.
- 5.7. The Interested Licensees are hereby reminded that pursuant to subregulation 6(1) of the USP Regulations, those who have registered their interest will be legally obliged to submit a draft universal service plan for the chosen cluster(s) specified in **Appendix 1** of this Invitation. An Interested Licensee who fails to comply with subregulation 6(1) commits an **offence** under the USP Regulations and shall on conviction be liable to a maximum fine of RM300,000.00 or imprisonment for a maximum term of three (3) years or both.

6. THE DRAFT UNIVERSAL SERVICE PLAN

Technical Details

- 6.1. The template for submission of the Technical Details is provided in **Appendix 3** of this Invitation. The Technical Details in the draft universal service plan shall be in accordance with the detailed scope of work for this Project.

Financial Details

- 6.2. The template for submission of the Financial Details is provided in **Appendix 4** of this Invitation. The Financial Details in the draft universal service plan shall reflect clearly the costs for the implementation of work for this Project.

7. SUBMISSION OF THE DRAFT UNIVERSAL SERVICE PLAN

- 7.1. The Interested Licensee shall submit a single document in a separate sealed envelope marked as “**LICENSEE’S INFORMATION**”, which shall consist of the following:
 - 7.1.1. Cover letter signed by the Chief Executive Officer or a person who holds an equivalent designation in the Interested Licensee; and
 - 7.1.2. Information of the Interested Licensee and other supporting documents as detailed in **Appendix 5** of this Invitation.

- 7.2. The Interested Licensee shall submit the draft universal service plan based on its Registration of Interest in a **separate binding for each cluster** as specified in **Appendix 1** of this Invitation. The draft universal service plan submitted for each cluster(s) bid shall be divided into two (2) separate documents as follows:
- 7.2.1. Technical Details; and
 - 7.2.2. Financial Details.
- 7.3. The draft universal service plan shall be submitted as follows:
- 7.3.1. One (1) hard copy submission; and
 - 7.3.2. **All pages of the Financial Details of the draft universal service plan shall be duly initialled and affixed with the company rubber stamp of the Interested Licensee.**
- 7.4. Pages for the draft universal service plan shall be numbered in the following format: <page number> of <total number of pages>.
- 7.5. The submission of the draft universal service plan shall be enclosed in a separate sealed envelope(s) labelled as follows:
- 7.5.1. This Invitation's reference (**INVITATION REF. NO.: SKMM(S)/USPD/UPD/210/Jld.1(Invitation/IPTA-WI-FI Batch 2/2025)**)
 - 7.5.2. The description "**SUBMISSION OF DRAFT UNIVERSAL SERVICE PLAN**":
 - (a) **TECHNICAL DETAILS (Cluster No. #); or**
 - (b) **FINANCIAL DETAILS (Cluster No. #)**
 - 7.5.3. "**SUBMITTED BY: <Name of Interested Licensee>**".
- 7.6. In addition to the hardcopy, **digital copies of the Technical Details and Financial Details shall be submitted in thumb drives (PDF and Excel format)**. The digital copies shall be in PDF format. In addition, please submit all the relevant working files i.e. the detailed BOQ in Excel format.
- 7.7. All documents mentioned above, including any appendices annexed thereto, shall be taken as being mutually explanatory of each other.
- 7.8. The Interested Licensee shall be deemed to have examined and understood all information and documents set out in this Invitation.

- 7.9. 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.
- 7.10. All corrections, changes, alterations and/or any other amendments whatsoever made in the draft universal service plan shall be initialled and affixed with the Interested Licensee's company stamp.
- 7.11. All documents, which form part of the draft universal service plan(s) shall be properly and securely bound.
- 7.12. Handbooks and any other literature, if any, shall be bound in separate covers.

8. CLOSING DATE

Submission of Registration of Interest

- 8.1. 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 12:00pm, 20 January 2025**, via email at usp.planning@mcmc.gov.my.
- 8.2. The Interested Licensee shall make available the original Registration of Interest form, in hardcopy to the Commission, if required.
- 8.3. Proof of submission shall take the form of the issuance of an automatic acknowledgement email receipt to the sender from the same email address.
- 8.4. Under this Invitation, the Interested Licensee may register its interest in any cluster, or all clusters in its entirety. 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.
- 8.5. 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.
- 8.6. In the event that an Interested Licensee submits multiple forms for the Registration of Interest, the Interested Licensee shall be disqualified from participation in this Invitation.
- 8.7. 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.

Submission of Draft Universal Service Plan

- 8.8. An Interested Licensee shall submit the duly completed draft universal service plan **on or before 12:00pm, 17 February 2025** at:

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

- 8.9. The submission of the draft universal service plan must match the Registration of Interest Form. The Commission will not accept the submission of a draft universal service plan for part of a cluster, or any combination of clusters which includes two or more parts of different clusters.
- 8.10. The Commission shall **NOT ACCEPT** any submission of a draft universal service plan made by way of email, fax, mail and/or any other means.
- 8.11. Any submission of the draft universal service plan, including any amendments made thereto, received after the stipulated closing date and time, shall be rejected. In this respect, the Interested Licensee's proof of postage or other evidence of transmission shall not be accepted as proof of receipt by the Commission.

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

- 9.1. 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**

10. CLAIMS FOR PAYMENT

- 10.1. The DUSP is entitled to claim the costs undertaken in respect of this Project for capital expenditure (“**CAPEX**”) only, pursuant to subregulation 19(2) of the USP Regulations.
- 10.2. 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.
- 10.3. Details of the payment schedule, timeline, terms and conditions, and the form 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 DUSPs is specified in **Appendix 6** of this Invitation.

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SECTION V GENERAL TERMS AND CONDITIONS

11. DESIGN AND QUALITY OF SERVICE

11.1. The DUSP shall be solely responsible for the correct design and configuration of the Wi-Fi network, including all works, network facilities, 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. DESIGN SPECIFICATION / CONFIGURATION

12.1. 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. SUPPORT SERVICES

13.1. The DUSP is required to provide support services for three (3) years as outlined in paragraph 2.2 of this Invitation, from the date of the Work being declared completed as per Milestone No. 1 in **Appendix 6** of this Invitation. This is to ensure the functionality of all related network facilities and the continuous availability of services to end users.

13.2. The DUSP is required to coordinate directly with the Public Higher Education Institutions, Polytechnics, and Community Colleges for all matters related to support services, maintenance, and operational needs, if any.

14. REPORT TO THE COMMISSION

Project Implementation

14.1. During the Implementation Period, pursuant to regulation 13 of the USP Regulations, the DUSP shall submit a report on the progress of the implementation of the Approved Universal Service Plan on a weekly basis or any other frequency deemed suitable by the Commission, in the form and format specified by the Commission.

14.2. Upon completion of every claim milestone(s) stipulated in the Notification of Approval, the DUSP shall furnish the Commission with a Declaration signed by its

Chief Executive Officer, or a person who holds an equivalent designation in the DUSP, in the form and format specified by the Commission in the Notification of Approval issued to the relevant DUSP.

- 14.3. The Declaration shall only be furnished to the Commission upon completion of the scope of work(s) for the relevant milestone(s) as stipulated in the schedule of claims specified in the Notification of Approval. It is the responsibility of the DUSP to ensure that all Work(s) has been delivered in accordance with the Approved Plan, and that all representations and information furnished to the Commission in the Declaration are accurate and true.
- 14.4. A Completion Report shall be prepared, compiled, and maintained by the DUSP on the completion of Work for each location under the cluster for at least seven (7) years from the submission of the Declaration for Milestone No. 3 as stipulated in the schedule of claims in **Appendix 6** of this Invitation.
- 14.5. The DUSP shall attend and meet with the Commission's representative(s), to provide an accurate update on the progress of the Project, and to provide timely reporting to the Commission as and when required by the Commission from time to time.

15. SUPPLIED MATERIALS AND EQUIPMENT

- 15.1. All items to be used in this Project by the DUSP shall be fit for the purpose which such items are intended for and be free from defects arising out of faulty design, faulty and inferior material or faulty workmanship.
- 15.2. All items supplied shall be genuine and brand new (i.e. not second-hand, reconditioned and/or used items).

16. APPROVAL FROM RELEVANT AUTHORITIES

- 16.1. The DUSP shall be responsible for obtaining the necessary approvals from the local authority, electrical authority and/or all other relevant authorities before the commencement of Work.
- 16.2. 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.

17. INSPECTION AND AUDIT

17.1. 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:

17.1.1. 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;

17.1.2. Verifying all relevant supporting documents submitted by the DUSPs in its claims for net universal service costs; and/or

17.1.3. Any other aspects that may be necessary by the Commission.

18. SAFETY

18.1. The DUSP shall:

18.1.1. 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;

18.1.2. Enforce and take all necessary steps to ensure compliance with all safety measures for workmen, contractors and all other persons at the site as stipulated in all relevant safety-at-work legislation and regulations;

18.1.3. Ensure the structural integrity of the network facilities at all times and ensure compliance with all relevant laws and guidelines. Maintaining the structural integrity of the systems is critical to providing uninterrupted, high-quality service to users and preventing costly repairs or service outages; and

18.1.4. 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.

19. EXTENSION OF TIME

19.1. An extension of time for the implementation of the Project may be granted to the DUSP solely at the discretion of the Commission, upon receiving a written request from the DUSP, to extend the delivery timeframe.

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

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

20. EFFECT OF FORCE MAJEURE

20.1. 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:

20.1.1. War (whether declared or not), hostilities, invasion, act of foreign enemies;

20.1.2. Insurrection, revolution, rebellion, military, or usurped power, civil war, terrorism;

20.1.3. 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;

20.1.4. 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);

20.1.5. Pressure waves caused by aircraft or other devices travelling at sonic or supersonic speeds; and

20.1.6. Riot, commotion or disorder, unless solely restricted to employees of the workmen, contractors and all other persons for the execution of the Work.

21. PERFORMANCE BOND

21.1. No performance bond is required to execute the Project. Accordingly, the Commission **will not issue any advance payment** to the DUSP. Payment claims will be processed and disbursed according to the project milestones as per **Appendix 6** of this Invitation, and subject to the verification by the Commission.

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

22.1. 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:

22.1.1. Instruct the DUSP to terminate forthwith such appointment and shall be liable for all costs and expenses relating to such termination; and/or

22.1.2. Revoke the designation of the DUSP for the Project.

22.2. 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.

23. CLARIFICATION AND ENQUIRIES

23.1. 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 facilities and equipment. In this respect, the Commission reserves the right to issue written clarifications on the specifications where necessary, to stipulate any requirements more clearly.

23.2. 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.

23.3. Should there be a need to seek clarification and additional information regarding this Invitation, all enquiries shall be directed only to the USP Planning Department of the Commission via email at usp.planning@mcmc.gov.my

23.4. All relevant enquiries pertaining to this Invitation should reach the Commission **on or before 12:00pm, 17 January 2025.**

24. OMISSIONS OR ERRORS

- 24.1. 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.
- 24.2. The Interested Licensee shall be solely responsible for all such omissions/errors without any additional costs being chargeable to the Commission.

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APPENDIX 1 – LIST OF LOCATIONS FOR THE INSTALLATION AND UPGRADING OF NETWORK FACILITIES FOR Wi-Fi CONNECTIVITY AT PUBLIC HIGHER EDUCATION INSTITUTIONS, POLYTECHNICS, AND COMMUNITY COLLEGES

Note: The Interested Licensee must conduct the necessary site surveys and seek necessary clarification with the representatives from each Public Higher Education Institution/Polytechnic/Community College for the equipment required in finalising its draft universal service plan.

CLUSTER 1: UNIVERSITI ISLAM ANTARABANGSA MALAYSIA (UIAM)

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
1	IPTA_015	UIAM Gombak	2033	176	17	2	-	Kuala Lumpur	Setapak	3.251870	101.734783
2	IPTA_016	UIAM ISTAC	166	37	1	2	-	Kuala Lumpur	Batu	3.165975	101.674140
3	IPTA_017	UIAM Gambang	1612	76	-	1	-	Pahang	Hulu Lepar	3.726367	103.061185
4	IPTA_018	UIAM Kuantan	2063	120	21	4	1	Pahang	Kuala Kuantan	3.840669	103.302274
5	IPTA_019	UIAM Pagoh	200	21	2	2	2	Johor	Jorak	2.154846	102.728525

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CLUSTER 2: UNIVERSITI KEBANGSAAN MALAYSIA (UKM) & UNIVERSITI TEKNIKAL MALAYSIA MELAKA (UTEM)

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
1	IPTA_020	UKM Kampus Utama	1399	300	4	-	-	Selangor	Kajang	2.929925	101.780278
2	IPTA_021	UKM Kampus Utama (Kolej Kediaman - Pangsapuri UKM Seksyen 1)	160	20	1	1	-	Selangor	Kajang	2.942138	101.767723
3	IPTA_022	UKM Kampus Utama (Kolej Kediaman - Pangsapuri UKM Seksyen 3)	40	5	1	1	-	Selangor	Kajang	2.944918	101.776993
4	IPTA_023	UKM Hospital Tunku Ampuan Besar Tuanku Aishah Rohani (HPKK)	120	15	-	1	-	Kuala Lumpur	Kuala Lumpur	3.102252	101.726078
5	IPTA_024	UKM Kuala Lumpur (Kolej Kediaman Tun Dr. Ismail (KTDI1))	152	10	-	-	-	Kuala Lumpur	Kuala Lumpur	3.100607	101.727601
6	IPTA_025	UKM Kuala Lumpur (Kolej Kediaman Tun Dr. Ismail (KTDI2))	80	9	-	-	-	Kuala Lumpur	Kuala Lumpur	3.104305	101.725520
7	IPTA_026	UKM Kuala Lumpur (Kolej Kediaman Tun Syed Nasir (KTSN))	268	10	-	-	-	Kuala Lumpur	Bandar Kuala Lumpur	3.172916	101.711358
8	IPTA_027	UKM Kolej Permata@Pintar Negara Kampus Seremban	80	8	-	-	-	Negeri Sembilan	Ampangan	2.739438	101.959130
9	IPTA_028	UTEM Kampus Utama	108	160	-	-	-	Melaka	Durian Tunggal	2.310761	102.319423

CLUSTER 3: UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH (UMPSA), UNIVERSITI MALAYSIA TERENGGANU (UMT) & UNIVERSITI SULTAN ZAINAL ABIDIN (UNISZA)

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
1	IPTA_029	UMPSA Gambang - Gelanggang Berbumbung	3	1	-	-	-	Pahang	Kuala Kuantan	3.721118	103.121619
2	IPTA_030	UMPSA Gambang - Ruang Pengajaran & Pembelajaran Dan Pejabat Zon 1	50	67	-	-	-	Pahang	Kuala Kuantan	3.723736	103.120929
3	IPTA_031	UMPSA Gambang - Ruang Pengajaran & Pembelajaran Zon 2	50	20	-	-	-	Pahang	Kuala Kuantan	3.722169	103.121846
4	IPTA_032	UMPSA Gambang - Ruang Pengajaran & Pembelajaran Zon 3	100	60	-	-	-	Pahang	Kuala Kuantan	3.720218	103.124129
5	IPTA_033	UMPSA Gambang - Asrama Pelajar KK2 (Blok X,Y,Z)	60	7	-	-	-	Pahang	Kuala Kuantan	3.732348	103.123984
6	IPTA_034	UMPSA Gambang - Mini Stadium	3	1	-	-	-	Pahang	Kuala Kuantan	3.720137	103.120427
7	IPTA_035	UMPSA Pekan - Asrama DHUAM	259	12	3	-	-	Pahang	Pekan	3.529318	103.392439
8	IPTA_036	UMPSA Pekan - Ruang Pengajaran & Pembelajaran Dan Pejabat Zon 1 (Fakulti Komputer)	25	49	-	-	-	Pahang	Kuala Pahang	3.546611	103.427437

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
9	IPTA_037	UMPSA Pekan - Ruang Pengajaran & Pembelajaran Dan Pejabat Zon 2 (Makmal FTKEE, FTKMA, FTKMP)	60	10	2	-	-	Pahang	Kuala Pahang	3.540038	103.430169
10	IPTA_038	UMPSA Pekan - Masjid UMPSA	10	2	-	-	-	Pahang	Kuala Pahang	3.547226	103.431300
11	IPTA_039	UMPSA Pekan - Depo Bas	2	1	-	-	-	Pahang	Kuala Pahang	3.545594	103.425599
12	IPTA_040	UMPSA Pekan - Lokasi Pejabat & Pentadbiran Utama	80	100	-	-	-	Pahang	Kuala Pahang	3.543561	103.428566
13	IPTA_041	UMPSA Pekan - Bangunan Taska	4	1	-	-	-	Pahang	Kuala Pahang	3.539405	103.438068
14	IPTA_042	UMT Pusat Komunikasi Strategik (PKS) Ayer 8 Putrajaya	3	1	-	1	-	Wilayah Persekutuan Putrajaya	Putrajaya	2.924725	101.679783
15	IPTA_043	UMT Kampus Bukit Kor	42	12	-	1	1	Terengganu	Rusila	5.211033	103.166068
16	IPTA_044	UMT Pusat Penyelidikan Pulau Bidong Terengganu	7	3	-	1	-	Terengganu	Pulau Redang	5.621200	103.061600
17	IPTA_045	UMT Stesen Penyelidikan Alami Biodiversiti Kenyir (SPABK)	21	7	-	1	-	Terengganu	Hulu Terengganu	5.142732	102.760503

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
18	IPTA_046	UMT Stesen Penyelidikan Alami Tanah Bencah (SPATB) Setiu Wetland	5	1	-	1	-	Terengganu	Pantai	5.677356	102.710243
19	IPTA_047	UnisZA Hospital	255	35	2	2	4	Terengganu	Kuala Nerus	5.402950	103.084433
20	IPTA_048	UnisZA Kampus Besut	520	137	-	2	-	Terengganu	Tembila	5.756053	102.629865
21	IPTA_049	UnisZA Kampus Gong Badak	660	106	-	2	-	Terengganu	Kuala Nerus	5.398479	103.079370

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CLUSTER 4: UNIVERSITI TUN HUSSEIN ONN MALAYSIA (UTHM), UNIVERSITI TEKNOLOGI MALAYSIA (UTM) & UNIVERSITI SAINS MALAYSIA (USM)

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
1	IPTA_050	USM Kampus Induk	1103	47	-	-	-	Pulau Pinang	Mukim 13 (Paya Terubong)	5.355893	100.302578
2	IPTA_051	USM Bertam	47	9	-	-	-	Pulau Pinang	Mukim 6	5.523059	100.477455
3	IPTA_052	USM Bukit Jambul	74	6	-	2	-	Pulau Pinang	Mukim 13 (Paya Terubong)	5.339610	100.282013
4	IPTA_053	USM CEMACS	10	2	-	-	-	Pulau Pinang	Mukim 1 (Pantai Aceh)	5.467632	100.200226
5	IPTA_054	USM Kampus Nibong Tebal	239	16	-	-	-	Pulau Pinang	Mukim 9	5.146318	100.492898
6	IPTA_055	USM Kampus Kubang Kerian	595	71	-	-	-	Kelantan	Kenali	6.099454	102.279636
7	IPTA_056	UTHM Kampus Pagoh	527	127	22	2	2	Johor	Jorak	2.146432	102.729987
8	IPTA_057	UTHM Kampus Parit Raja	668	30	-	4	2	Johor	Sri Gading	1.859723	103.084994
9	IPTA_058	UTHM Pusat Minda Emas PUMAS	22	4	-	1	-	Johor	Minyak Beku	1.752357	102.990509
10	IPTA_059	UTM Kolej Kediaman Siswa Jaya & Bangunan Pentadbiran	700	125	-	2	-	Kuala Lumpur	Setapak	3.187904	101.729707

CLUSTER 5: UNIVERSITI MALASIA SABAH (UMS), UNIVERSITI PUTRA MALAYSIA (UPM) & UNIVERSITI MALAYSIA SARAWAK (UNIMAS)

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
1	IPTA_060	UMS Kampus Antarabangsa Labuan	100	14	-	1	-	Labuan	Labuan	5.279852	115.174206
2	IPTA_061	UMS Kampus Induk, Kota Kinabalu	91	4	-	1	-	Sabah	Kota Kinabalu	6.037331	116.130818
3	IPTA_062	UMS Kampus Induk, Kota Kinabalu	145	5	-	1	-	Sabah	Kota Kinabalu	6.018438	116.121248
4	IPTA_063	UMS Kampus Induk, Kota Kinabalu	20	1	-	1	-	Sabah	Kota Kinabalu	6.018465	116.126125
5	IPTA_064	UMS Kampus Induk, Kota Kinabalu	513	20	1	1	-	Sabah	Kota Kinabalu	6.050706	116.127760
6	IPTA_065	Pusat Kudat	51	6	-	1	-	Sabah	Kudat	6.891548	116.698325
7	IPTA_066	UMS Sandakan	90	16	-	1	-	Sabah	Sandakan	5.928611	118.010100
8	IPTA_067	UNIMAS Main Campus	178	46	-	-	-	Sarawak	Samarahan	1.465068	110.427621
9	IPTA_068	UNIMAS Pusat Latihan Staf, Bau	12	2	-	-	-	Sarawak	Bau	1.432065	110.140656
10	IPTA_069	UPM Port Dickson	38	8	1	-	-	Negeri Sembilan	Si Rusa	2.466140	101.849890
11	IPTA_070	UPM Kampus Utama	478	86	24	-	-	Selangor	Petaling	2.999787	101.705609
12	IPTA_071	UPM Hutan Puchong	11	4	1	-	-	Selangor	Petaling	3.007779	101.642539
13	IPTA_072	UPM Bintulu	280	33	6	-	-	Sarawak	Bintulu	3.205644	113.095000

CLUSTER 6: UNIVERSITI TEKNOLOGI MARA (UiTM)

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
1	IPTA_073	UiTM Pasir Gudang	102	85	2	-	-	Johor	Plentong	1.528145	103.877287
2	IPTA_074	UiTM Segamat	376	40	-	-	-	Johor	Jementah	2.487975	102.729410
3	IPTA_075	UiTM Sungai Petani	234	27	-	-	-	Kedah	Bujang	5.713877	100.450419
4	IPTA_076	UiTM Kota Bharu	17	2	-	-	-	Kelantan	Bandar Kota Bharu	6.115118	102.230583
5	IPTA_077	UiTM Machang	186	13	-	-	-	Kelantan	Ulu Sat	5.760501	102.274545
6	IPTA_078	UiTM Alor Gajah	113	6	-	-	-	Melaka	Kelemak	2.362455	102.179971
7	IPTA_079	UiTM Bandaraya Melaka	31	-	-	-	-	Melaka	Bandar Melaka	2.205541	102.246551
8	IPTA_080	UiTM Seremban	357	9	1	1	-	Negeri Sembilan	Rasah	2.672672	101.935326
9	IPTA_081	UiTM Jengka	140	9	1	-	-	Pahang	Chenor	3.756182	102.560819
10	IPTA_082	UiTM ILD Perak	8	7	-	-	-	Perak	Kampung Gajah	4.250612	101.035662
11	IPTA_083	UiTM Arau	694	54	-	-	-	Perlis	Arau	6.448725	100.278006
12	IPTA_084	UiTM Bertam	2	-	-	-	-	Pulau Pinang	Mukim 6	5.530389	100.475161
13	IPTA_085	UiTM Permatang Pauh	690	124	13	-	-	Pulau Pinang	Mukim 6	5.382845	100.418530
14	IPTA_086	UiTM Kota Kinabalu	310	71	11	-	-	Sabah	Kota Kinabalu	6.063628	116.145495
15	IPTA_087	UiTM Samarahan	15	-	-	-	-	Sarawak	Samarahan	1.448706	110.448752
16	IPTA_088	UiTM Samarahan 2	5	3	-	-	-	Sarawak	Samarahan	1.450570	110.429202

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
17	IPTA_089	UiTM Selangor - PPUiTM Sg. Buloh, Bangunan PPUiTM	53	36	-	-	-	Selangor	Batu	3.221411	101.594064
18	IPTA_090	UiTM Selangor Kampus Puncak Alam	754	29	11	-	-	Selangor	Jeram	3.198510	101.447763
19	IPTA_091	UiTM Selangor Kampus Puncak Perdana	570	60	2	2	-	Selangor	Bukit Raja	3.133789	101.493448
20	IPTA_092	UiTM Selangor Kampus Sungai Buloh	14	74	-	-	-	Selangor	Batu	3.221240	101.591749
21	IPTA_093	UiTM Selangor, Kampus Selayang	-	19	-	-	-	Selangor	Batu	3.245471	101.650235
22	IPTA_094	UiTM Shah Alam	1345	43	1	-	-	Selangor	Damansara	3.068261	101.502595
23	IPTA_095	UiTM Bukit Besi	36	-	-	-	-	Terengganu	Besul	4.727233	103.198876
24	IPTA_096	UiTM Dungun	1286	167	-	-	-	Terengganu	Sura	4.704351	103.441104
25	IPTA_097	UiTM Kuala Terengganu	104	1	-	-	-	Terengganu	Cenering	5.262262	103.165315

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CLUSTER 7: POLYTECHNICS & COMMUNITY COLLEGES

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
1	IPTA_098	Kolej Komuniti Bandar Penawar	7	21	-	-	-	Johor	Tanjong Surat	1.562920	104.219030
2	IPTA_099	Kolej Komuniti Batu Pahat	4	4	-	-	-	Johor	Simpang Kanan	1.803979	102.964737
3	IPTA_100	Kolej Komuniti Kluang	5	15	-	-	-	Johor	Kluang	2.010148	103.310015
4	IPTA_101	Kolej Komuniti Kota Tinggi	5	4	-	-	-	Johor	Kota Tinggi	1.731376	103.901110
5	IPTA_102	Kolej Komuniti Pagoh	7	4	-	-	-	Johor	Jorak	2.132766	102.717001
6	IPTA_103	Kolej Komuniti Pasir Gudang	9	-	-	-	-	Johor	Plentong	1.495557	103.912767
7	IPTA_104	Kolej Komuniti Segamat	8	2	-	-	-	Johor	Sungai Segamat	2.494029	102.866440
8	IPTA_105	Kolej Komuniti Tanjung Piai	4	-	-	-	-	Johor	Rimba Terjun	1.478344	103.387945
9	IPTA_106	Kolej Komuniti Baling	8	5	-	-	-	Kedah	Pulai	5.655500	100.873000
10	IPTA_107	Kolej Komuniti Bandar Baharu	10	5	-	-	-	Kedah	Bagan Samak	5.131059	100.495054
11	IPTA_108	Kolej Komuniti Bandar Darul Aman (Jerlun)	4	5	-	-	-	Kedah	Naga	6.244565	100.420494
12	IPTA_109	Kolej Komuniti Jerai	4	2	-	-	-	Kedah	Sala Besar	5.853919	100.445504

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
13	IPTA_110	Kolej Komuniti Kulim	9	9	-	-	-	Kedah	Kulim	5.370768	100.567030
14	IPTA_111	Kolej Komuniti Kok Lanas	3	1	-	-	-	Kelantan	Mahang Barat	5.913788	102.241704
15	IPTA_112	Kolej Komuniti Jasin	11	7	-	-	-	Melaka	Merlimau	2.140209	102.430590
16	IPTA_113	Kolej Komuniti Kota Melaka	5	2	-	-	-	Melaka	Bandar Melaka	2.221230	102.235852
17	IPTA_114	Kolej Komuniti Tampin	3	4	-	-	-	Negeri Sembilan	Gemencheh	2.526119	102.390138
18	IPTA_115	Kolej Komuniti Bentong	4	1	-	-	-	Pahang	Sabai	3.443638	102.068440
19	IPTA_116	Kolej Komuniti Bera	2	2	-	-	-	Pahang	Triang	3.257355	102.430803
20	IPTA_117	Kolej Komuniti Jerantut	5	4	-	-	-	Pahang	Pedah	3.930953	102.381694
21	IPTA_118	Kolej Komuniti Kuantan	8	-	-	-	-	Pahang	Kuala Kuantan	3.823577	103.279460
22	IPTA_119	Kolej Komuniti Pekan	13	3	-	-	-	Pahang	Pekan	3.521465	103.391440
23	IPTA_120	Kolej Komuniti Temerloh	16	8	-	-	-	Pahang	Mentakab	3.463659	102.348624
24	IPTA_121	Kolej Komuniti Bagan Datuk	5	-	-	-	-	Perak	Hutan Melintang	3.885743	100.933878
25	IPTA_122	Kolej Komuniti Chenderoh	19	8	-	-	-	Perak	Lubok Merbau	4.790746	100.897953

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
26	IPTA_123	Kolej Komuniti Taiping	3	-	-	-	-	Perak	Kamunting	4.892156	100.734808
27	IPTA_124	Kolej Komuniti Bayan Baru	8	2	-	-	-	Pulau Pinang	Mukim 13 (Paya Terubong)	5.332487	100.279348
28	IPTA_125	Kolej Komuniti Bukit Mertajam	3	3	-	-	-	Pulau Pinang	Mukim 8	5.380936	100.464238
29	IPTA_126	Kolej Komuniti Kepala Batas	6	-	-	-	-	Pulau Pinang	Mukim 6	5.520116	100.434176
30	IPTA_127	Kolej Komuniti Nibong Tebal	13	3	-	-	-	Pulau Pinang	Mukim 15	5.284162	100.480359
31	IPTA_128	Kolej Komuniti Beaufort	4	7	-	-	-	Sabah	Beaufort	5.358262	115.715165
32	IPTA_129	Kolej Komuniti Lahad Datu	6	1	-	-	-	Sabah	Lahad Datu	5.026595	118.294258
33	IPTA_130	Kolej Komuniti Penampang	4	2	-	-	-	Sabah	Penampang	5.887034	116.083839
34	IPTA_131	Kolej Komuniti Sandakan	10	5	-	-	-	Sabah	Sandakan	5.880893	118.048838
35	IPTA_132	Kolej Komuniti Semporna	9	3	-	-	-	Sabah	Semporna	4.477725	118.608763
36	IPTA_133	Kolej Komuniti Tawau	3	-	-	-	-	Sabah	Tawau	4.253893	117.920759
37	IPTA_134	Kolej Komuniti Betong	4	5	-	-	-	Sarawak	Betong	1.403500	111.536300
38	IPTA_135	Kolej Komuniti Kota Marudu	2	2	-	-	-	Sarawak	Kota Marudu	6.494418	116.771975

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
39	IPTA_136	Kolej Komuniti Sarikei	5	5	-	-	-	Sarawak	Sarikei	2.132680	111.522026
40	IPTA_137	Kolej Komuniti Sarikei Cawangan Sibu	12	1	-	-	-	Sarawak	Sibu	2.341999	111.825523
41	IPTA_138	Kolej Komuniti Tanjong Karang	5	-	-	-	-	Selangor	Tanjong Karang	3.425841	101.177269
42	IPTA_139	Kolej Komuniti Besut	6	7	-	-	-	Terengganu	Lubuk Kawah	5.738047	102.494752
43	IPTA_140	Kolej Komuniti Kemaman	10	9	-	-	-	Terengganu	Kijal	4.336205	103.478771
44	IPTA_141	PFI Politeknik Ibrahim Sultan	175	21	-	-	-	Johor	Plentong	1.509458	103.918870
45	IPTA_142	PFI Politeknik Jeli	270	18	-	-	-	Kelantan	Jeli Tepi Sungai	5.709669	101.851116
46	IPTA_143	PFI Politeknik Kota Bharu	270	18	-	-	-	Kelantan	Mahang Barat	5.922964	102.236081
47	IPTA_144	PFI Politeknik Port Dickson	180	21	-	-	-	Negeri Sembilan	Si Rusa	2.441705	101.862284
48	IPTA_145	PFI Politeknik Ungku Omar	434	30	-	-	-	Perak	Hulu Kinta	4.588546	101.125894
49	IPTA_146	PFI Politeknik Seberang Perai	178	12	-	-	-	Pulau Pinang	Mukim 6	5.374090	100.421767
50	IPTA_147	PFI Politeknik Banting	267	18	-	-	-	Selangor	Bandar	2.825937	101.463782
51	IPTA_148	Politeknik Ibrahim Sultan	126	90	-	-	-	Johor	Plentong	1.509458	103.918870

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
52	IPTA_149	Politeknik Tuanku Sultanah Bahiyah	102	12	-	-	-	Kedah	Merlimau	2.167179	102.430394
53	IPTA_150	Politeknik Melaka	38	22	-	-	-	Melaka	Balai Panjang	2.229484	102.226152
54	IPTA_151	Politeknik Merlimau Melaka	180	70	-	-	-	Melaka	Merlimau	2.167179	102.430394
55	IPTA_152	Politeknik Port Dickson	206	65	-	-	-	Negeri Sembilan	Si Rusa	2.441705	101.862284
56	IPTA_153	Politeknik Metro Kuantan	40	18	-	-	-	Pahang	Kuala Kuantan	3.816973	103.328329
57	IPTA_154	Politeknik Muadzam Shah	37	105	-	-	-	Pahang	Bebar	3.094723	103.084296
58	IPTA_155	Politeknik Tuanku Syed Sirajuddin	1445	31	-	-	-	Perlis	Kurong Anai	6.451419	100.339010
59	IPTA_156	Politeknik Balik Pulau	111	110	-	-	-	Pulau Pinang	Mukim E (Titi Teras)	5.343804	100.215553
60	IPTA_157	Politeknik Metro Tasek Gelugor	4	12	-	-	-	Pulau Pinang	Mukim 12	5.485112	100.490271
61	IPTA_158	Politeknik Seberang Prai	376	32	-	-	-	Pulau Pinang	Mukim 6	5.374090	100.421767
62	IPTA_159	Politeknik Sandakan	90	36	-	-	-	Sabah	Sandakan	5.918689	118.002835
63	IPTA_160	Politeknik Tawau	17	1	-	-	-	Sabah	Tawau	4.369500	118.091500
64	IPTA_161	Politeknik Banting Selangor	220	21	-	-	-	Selangor	Bandar	2.825937	101.463782

NO	SITE ID	LOCATION	NO. OF ACCESS POINT (AP)	NO. OF ACCESS SWITCH (AS)	NO. OF DISTRIBUTION SWITCH (DS)	NO. OF ACCESS CONTROLLER (AC)	NO. OF CORE SWITCH (CS)	STATE	UST	LATITUDE	LONGITUDE
65	IPTA_162	Politeknik Sultan Idris Shah	271	19	-	-	-	Selangor	Bagan Nakhoda Omar	3.811255	100.819119
66	IPTA_163	Politeknik Hulu Terengganu	150	17	-	-	-	Terengganu	Hulu Telemung	5.191112	102.881020
67	IPTA_164	Politeknik Sultan Mizan Zainal Abidin	100	3	-	-	-	Terengganu	Sura	4.710709	103.402435

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APPENDIX 2 – REGISTRATION OF INTEREST FORM

[To be printed on Interested Licensee's Letterhead]

REGISTRATION OF INTEREST

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

Date:

Dear Sirs,

REGISTRATION OF INTEREST TO BE A UNIVERSAL SERVICE PROVIDER FOR THE INSTALLATION AND UPGRADING OF NETWORK FACILITIES FOR Wi-Fi CONNECTIVITY AT PUBLIC HIGHER EDUCATION INSTITUTIONS, POLYTECHNICS, AND COMMUNITY COLLEGES UNDER THE UNIVERSAL SERVICE PROVISION INITIATIVE

Reference is made to the above and to the "Invitation to Register Interest as a Universal Service Provider – Ref. no. SKMM(S)/USPD/UPD/210/Jld.1(Invitation/IPTA-WI-FI Batch 2/2025) ("Invitation") issued by MCMC.

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") in the Universal Service Targets specified below:

- a) Cluster No. xx
- b) Cluster No. 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 currently held by our organisation.

Network Facilities Provider (NFP(I)) : [Specify Licence No.]

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 on or before the time frame specified in the Invitation.

Signed for and on behalf of

[Company stamp]

.....

(Signature)

by [*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 – TECHNICAL DETAILS

SECTION A: EXECUTIVE SUMMARY FOR CLUSTER NO.

- Overview of the technical details
- Organisation chart – Project team and manpower

SECTION B: PROPOSED NETWORK DESIGN FOR CLUSTER NO.

- Technical Site Survey Report (TSSR)
- Overview of the network design, location of the APs, AC, switches, rack and others (please specify clearly)
- Network diagram by sites/ building/ floor
- AP plotting and coverage simulation (i.e. Heat map)

SECTION C: TECHNICAL DETAILS FOR CLUSTER NO.

NO	DESCRIPTION	QUANTITY
1.	<p style="text-align: center;">A. EQUIPMENT & MATERIALS</p> <p>Supply, delivery, and installation of Wi-Fi AP, AC and Switches</p> <ol style="list-style-type: none"> 1) High-end AP e.g. Wi-Fi 6E (or equivalent or better) 2) Switches complete with accessories 3) Controller complete with accessories/ Cloud Based 4) Router complete with accessories 5) Point to Point (PTP)/ Point to Multipoint (PTMP) (where applicable) : <ul style="list-style-type: none"> • Please specify the manufacturer and model for all equipment and include the specification sheet. • Please specify licenses package/ type (if applicable) associated with the equipment installed and for future expansion (if applicable) • Please specify any other necessary items required • Please provide quantity breakdown by sites and cluster 	xx
	<p>Supply, delivery and installation of network cabling materials</p> <ol style="list-style-type: none"> 1) Fibre optic (where applicable) 2) UTP cables – Minimum Cat.6A 3) Fibre optic / UTP connector and its accessories 4) Fibre optic / UTP wall socket completes with accessories 5) PVC / Metal trunking for fibre optic / UTP cables <p>Please specify any other necessary items required</p>	xx

NO	DESCRIPTION	QUANTITY
2.	B. PRELIMINARY WORKS & INSTALLATION	xx
	1) Site Survey, Site Planning, and Project Management 2) Initial design & planning 3) AP installation at the designated locations as per network design and planning 4) Laying up cables between router, controller, switches, and AP locations 5) Route cables through conduit, ducts, or trunking as per site requirements 6) Terminate and test all cable connections with appropriate labelling 7) Power supply installation	
3.	C. TESTING & COMMISSIONING	xx
	1) AP configuration <ul style="list-style-type: none"> a. Configure APs with designated SSIDs, WLANs, IP addresses, and security protocol b. Optimize channel allocation and transmission power for maximum efficiency 2) Switch, controller and router configuration 3) Equipment labelling for asset inventory 4) Integration with existing UA Network Component 5) User Acceptance Testing (UAT), knowledge transfer & documentation	
4.	D. WARRANTY & SUPPORT SERVICES	xx
	1) Warranty for three (3) years (all equipment) 2) Periodic maintenance schedule (minimum of twice a year) 3) Immediate replacement of faulty equipment within warranty period 4) Second-level support within warranty period for equipment and hardware	

SECTION D: IMPLEMENTATION TIMELINE

- Details implementation timeline – Gantt Chart

APPENDIX 4 – FINANCIAL DETAILS

Summary of Capital Expenditure (CAPEX)

- All prices shall be inclusive of any applicable tax, fees and levy imposed by the Government.
- In addition, the Interested Licensee shall submit the following table as a summary of the financial details:

Cluster: _____

NO.	SITE ID	LOCATION	STATE	EQUIPMENT AND MATERIALS (RM)	PRELIMINARY WORKS AND INSTALLATION (RM)	TESTING AND COMMISSIONING (RM)	WARRANTY AND SUPPORT SERVICES (RM)	TOTAL CAPEX (RM)
				A	B	C	D	A+B+C+D
1								
2								
GRAND TOTAL (RM)								

Signed for and on behalf of

.....

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

Important note:

- 1) All pages of the Financial Details of the draft universal service plan shall be duly initialled and affixed with the company rubber stamp of the Interested Licensee.
- 2) The Interested Licensee shall submit a detailed BOQ for each category as proposed in Technical and Financial Details, to be itemised explicitly and clearly for each cluster.
 - The table in **Appendix 3** in this Invitation shall be replicated, with an added column for the cost in Ringgit Malaysia for each component.

APPENDIX 5 – LICENSEE’S INFORMATION

1. A certified true copy of NFP(I) licence.
2. A certified true copy of the latest corporate information issued by the Companies Commission of Malaysia namely SSM e-info, which includes, but is not limited to the following information:
 - 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.
3. A certified true copy of a valid CIDB certificate.
4. Identity of collaboration partner (third party, if applicable)
5. A certified true copy of the bank statement for the past three (3) consecutive months.
6. A certified true copy of audited accounts for the past three (3) consecutive financial years.
7. A brief write-up of the Interested Licensee’s track record in handling previous USP project(s) or similar project(s) (please specify the projects, scope of work and delivery timelines, if relevant) as shown in the table below:

No.	USP project	Role played	Scope of work	Delivery timeline
1.		<i>e.g: DUSP / subcontractor</i>		

APPENDIX 6 – CLAIM SCHEDULE

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

Claim schedule

Milestone No.	Claim (%)	Description	Conditions
Capital Expenditure (“CAPEX”)			
1.	90	First Claim	Submission of a written claim(s) shall be in the form and format specified by the Commission and shall be made upon the complete installation, commissioning and integration of the network facilities being declared RFS, which shall be signified through the submission of the Declaration upon completion of the work at the location respectively.
2.	5	Second Claim	Submission of a written claim(s) shall be in the form and format specified by the Commission and shall be made 12 months <u>AFTER</u> Milestone No. 1.
3.	5	Final Claim	Submission of a written claim(s) shall be in the form and format specified by the Commission and shall be made 24 months <u>AFTER</u> Milestone No. 2. The DUSP shall, at its own cost, provide supporting documentation verifying that the required support services have been delivered for a continuous period of three (3) years, in full compliance with the specified support service requirements.
Total	100		

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.