



METEOROLOGICAL, CLIMATOLOGICAL, AND GEOPHYSICAL AGENCY

Jl. Angkasa I No. 2, Kemayoran, Jakarta 10610, Telp. : (021) 4246321 Fax. : (021) 4246703
P.O. Box 3540 Jkt, Website : <http://www.bmkg.go.id>

REQUEST FOR EXPRESSIONS OF INTEREST (CONSULTING SERVICES – INDIVIDUAL SELECTION)

BADAN METEOROLOGI, KLIMATOLOGI DAN GEOFISIKA
THE METEOROLOGICAL, CLIMATOLOGICAL AND GEOPHYSICAL
AGENCY

INDONESIA DISASTER RESILIENCE INITIATIVE PROJECT (IDRIP)

Loan No./Credit No./ Grant No.: IBRD-89800

Assignment Title: Individual Consultant Services Assessment of BMKG IDRIP Building Needs

Reference No.: ID-BMKG-287359-CS-INDV

The Government of Indonesia has received financing in the amount USD160 million from the World Bank toward the cost of the Indonesia Disaster Resilience Initiative Project, and intends to apply part of the proceeds for individual consulting services namely Individual Consultant Services Assessment of BMKG IDRIP Building Needs.

The scope of work for **Individual Consultant Services Assessment of BMKG IDRIP Building Needs** under the supervision of the General Affair & Human Resources Bureau as follows:

1. The purpose of **Individual Consultant Services Assessment of BMKG IDRIP Building Needs** services is to assist and support the BMKG by carrying out technical studies on the condition of existing buildings and plans for future operational needs. It is hoped that this technical review will contain the necessary technical input in accordance with the applicable regulations.

2. Scope of Works

The scope of work or activities to achieve technical studies both for buildings in Jakarta and in Bali are not limited to:

a. Existing Building Technical Data Collection

The consultant obtains technical data on Existing buildings (Architecture, Civil, Mechanical, Electrical and Plumbing) for InaTEWS OPERATIONAL SYSTEM DEVELOPMENT (BUILDING) activities in Jakarta and Bali through initial assessments for various aspects which are not limited to:

- 1) Layout dan landscaping
- 2) Plan of the building and type of structure (superstructure and foundation) used, including documenting damage if any.
- 3) Building access and circulation
- 4) Accessibility and facilities for persons with disabilities

- 5) Flood control
- 6) Traffic Analysis
- 7) Cultural heritage or historical heritage
- 8) And other related building facilities

Not only at the location of the planned activity, the consultant must also conduct an assessment of the environment around the planned building, for example the distance from the activity location to people's houses and community access that may be disrupted due to construction.

b. Administrative data collection

- 1) Recieves information related to local administrative permits in Jakarta and Bali required for new building construction or renovations
- 2) Obtain information related to applicable regulations regarding buildings and constrution, especially state buildings with non-standard criteria, such as earthquake resistance, accessibility, fire, etc.
- 3) Obtain information related to applicable guidelines / regulations from the World Bank relating to construction activities.
- 4) Recieve information regarding regional unit price standards.

c. Data and analysis of space needs

At this stage the consultant must collect data and information as well as carry out an analysis needs, which includes the needs of organizational development and operational needs of InaTEWS OPERATIONAL SYSTEM DEVELOPMENT (BUILDING) Buildings in Jakarta and Bali. From the analysis needs, it is expected that the consultant will have obtained information that is not limited to:

- 1) The required space quantity, type and size.
- 2) Space/building criteria and needs, service/serviceability conditions and conformity to equipment specifications or needs from BMKG.
- 3) Other supporting facilities, as well as other necessary things.

d. Data collection and analysis of equipment needs

At this stage, the consultant conducts a search for data and information for equipment needs (including projections of future needs) the operational Early Warning System from InaTEWS OPERATIONAL SYSTEM DEVELOPMENT (BUILDING) and the System of BMKG's Geophysical Monitoring either through survey mechanisms, interviews, meetings or other mechanisms to BMKG building users and other parties for the two buildings in Jakarta and Bali including the type, weight, dimensions and characteristics of the equipment needed.

e. Conduct a study for building needs

This study will determine whether the existing buildings are still adequate to accommodate the planned needs of InaTEWS OPERATIONAL SYSTEM DEVELOPMENT (BUILDING) activities in both Jakarta and Bali so that renovation or construction of new buildings is necessary. This study was

conducted on the existing building for future BMKG operational needs which are not limited to:

- 1) Reviewing the layout, quantity and capacity of the space, is it still adequate with the need for organizational development and additional equipment or other geophysical monitoring systems.
 - 2) Assessing whether the existing building meets the criteria for serviceability conditions and the current and future maximum design loads (including earthquake loads), and the criteria for accessibility of persons with disabilities, flood control, and other related aspects.
 - 3) Reviewing the M/E condition, is it still adequate with the addition of equipment or other monitoring systems.
- f. In carrying out all these scopes of work, they must first coordinate with the Environmental and Social Risk Screening Consultant and the Commitment Making Officer (PPK), and obtain approval from the PPK.
- g. Data, information, regulations and other matters must be properly documented and data. Also information obtained through survey results, interviews and meetings must have a list and signature of participants.

If based on the results of the study is found that a building renovation is required, the consultant will arrange but not be limited to:

- a. Consultants need to analyze the stages required for renovation activities including the needs of other necessary studies.
- b. Prepare technical recommendations related to activity stages (preparation, planning, partial demolition, procurement, construction, and post-construction), renovation needs and necessary administration.
- c. Prepare Preliminary Concept design for renovation activities.
- d. Prepare an estimate of the timeline and project costs.
- e. Prepare Terms of Reference (TOR) for Construction Management and Planning Consultants.

If in this study it is found that **the renovation of the existing building is unable to accommodate** the InaTEWS OPERATIONAL SYSTEM DEVELOPMENT activity plan, the consultant will arrange but not be limited to:

- a. Activity Stages (preparation, planning, demolition, procurement, construction and post-construction).
 - 1) The consultant must analyze the stages regarding the activities which are needed in the construction of a new building including the needs of other related studies required.
 - 2) The consultant also prepares recommendations or strategies in the implementation of activities therefore they are right on target and on time.
- b. Preliminary Concept design or initial design criteria (space program, site plan, building orientation, floor area, number of floors, construction system, construction method), the process of preparing the design concept must pay attention to the compliance with RDTR and other applicable regulations.
- c. Project cost estimation

The consultant must carry out an analysis to estimate the required project costs, both from preparation, planning, demolition, and construction.

d. Estimated project timeline

The consultant must prepare an estimated project timeline from preparation, planning, demolition, and construction. In preparing the timeline, the consultant must pay attention to all the required activity stages as well as the overall IDRIP project schedule.

e. Prepare Terms of Reference (TOR) for Construction Management and Planning Consultants.

3. Output

Individual consultants must provide work results in the form of, but not limited to:

- a. Documentation and reports on space and equipment requirements analysis. The report also contains the results of surveys/interviews from users, both from echelon 1 officials, echelon 2 officials, project directors, PIUs, echelon 3 officials or field coordinator level, echelon 4 officials or sub-coordinator level in the field and implementing level or related staff. Space requirements and their characteristics, equipment requirements and their general characteristics are well arranged.
- b. Documentation and technical assessment reports for existing buildings (architectural, civil, mechanical, electrical and plumbing) are well organized.
- c. Document progress reports weekly and monthly.
- d. Initial needs assessment document.
- e. Documents of Terms of Reference (TOR) for Construction Management and Planning Consultants.
- f. Documents for the final assessment needs of the BMKG Building.
- g. Document report completion of work.

Preliminary assessment and final assessment documents prepared by individual consultants must at least contain:

- a. Background
- b. Legal Basis
- c. World Bank standard regulations.
- d. BMKG requirements and essential conditions.
- e. Condition of the existing building (technically).
- f. Consideration (deficiency and advantages)
- g. Studies and Recommendations.
- h. Documentation photos.

The consultant will be assigned approximately for 3 (three) months. The expected commencement of service is July 2022.

The Terms of Reference (TOR) for the primary procurement stage for the assignment are attached to this request for expressions of interest.

The Meteorological, Climatological and Geophysical Agency (*Badan Meteorologi, Klimatologi dan Geofisika-BMKG*) now invites eligible individual consultant (“Consultants”) to indicate their interest in providing the Services.

Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The shortlisting criteria are:

1. Administration Qualification
 - a. Holds an Indonesian Citizen Identity Card (KTP)
 - b. Holds an appropriate Taxpayer Identification Number (NPWP)
 - c. Submits a statement letter stating:
 - 1) Have a good understanding of the guidelines and practices of construction activities funded from multilateral financing institutions (World Bank) loans.
 - 2) Have a good understanding of building construction guidelines and regulations including local regulations.
 - 3) Have good analytical skills in carrying out a study of office building needs.
 - 4) Have a good ability for written and oral communication in Indonesian and English also prepare technical documents, report documents, final review documents and recommendations.
2. Technical qualification
 - a. Minimum Master's degree in Architecture/Civil Engineering, a certificate degree must be provided.
 - b. Minimum of 8 (eight) years of professional experience in the planning or management of building construction and have experience in building work with Early Warning Center / Command Center or Server Rooms.
 - c. Holds a Certificate of Expertise (SKA) in Construction Management.

The attention of interested Consultants is drawn to Section III, paragraphs, 3.14, 3.16, and 3.17 of the World Bank’s “Procurement Regulations for IPF Borrowers” July 2016, revised November 2017 and August 2018 (“Procurement Regulations”), setting forth the World Bank’s policy on conflict of interest.

A Consultant will be selected in accordance with the Consultant Qualification Selection (CQS) method described in the Procurement Regulations.

Further information can be obtained at the address below during office hours at 09.00 to 16.00 hours.

Expressions of interest including curriculum vitae, pricing quote, and supporting documents must be delivered in a written form to the address below (by e-mail) by June 20, 2022 at 16.00 local time.

Badan Meteorologi, Klimatologi dan Geofisika-BMKG
The Meteorological, Climatological and Geophysical Agency
Attn: Pokja Pemilihan IDRIP BMKG
Jalan Angkasa I No.2 Kemayoran, Jakarta Pusat, DKI Jakarta 10610, Indonesia
PO Box 3540 Jkt
+62 21 4246321
+62 21 4246703
Email: pokja.idrip@bmkg.go.id
Website: www.bmkg.go.id

TERM OF REFERENCE
PROVISION OF INDIVIDUAL CONSULTANT SERVICES
ASSESSMENT OF BUILDING NEEDS FOR IDRIP BMKG

Fiscal Year 2022



METEOROLOGICAL, CLIMATOLOGICAL, AND GEOPHYSICAL AGENCY
DEPUTY OF GEOPHYSICS

TERM OF REFERENCE
INDONESIA DISASTER RESILIENCE INITIATIVES PROJECT
(IDRIP)
PROVISION OF INDIVIDUAL CONSULTANT SERVICES
ASSESSMENT OF BUILDING NEEDS FOR IDRIP BMKG
FISCAL YEAR 2022

I. Overview

The Republic of Indonesia is a land of fire rings located above the confluence of three tectonic plates, called the Indo-Australian plate, the Pacific plate and the Eurasian plate. Therefore, Indonesia is an area that is very vulnerable to earthquake and tsunami disasters and also the various impacts afterwards. Indonesia is also one of the regions which has the highest frequency of earthquakes in the world.

The Meteorology, Climatology, and Geophysics Agency as a Non-Ministerial Government Institutions which is under and is responsibly reports directly to the President. BMKG has government duties in the fields of Meteorology, Climatology, and Geophysics, where the Deputy for Geophysics is an echelon I work unit in charge of formulating, implementing and controlling the implementation of technical policies, as well as carrying out data and information services in the fields of Geophysics. One of the functions of the Deputy for Geophysics is data and information services as well as the delivery of information and early warnings to relevant agencies and parties as well as the public regarding the conditions, events and/or potential for earthquakes and tsunamis

In order to accelerate the BMKG's performance services for earthquake and tsunami information, BMKG has collaborated with the

National Disaster Management Agency (BNPB) to implement the Indonesia Disasted Resilience Initiative Project (IDRIP), where BMKG acts as the supporting or implementing agency and BNPB itself as the leader of this project or executing agency.

This IDRIP activity is funded by the Foreign Loans, precisely from the World Bank with a value of US\$85 million out of a total One Hundred Sixty Million US Dollars (US\$160) million until 2024, which is used by the BMKG to strengthen and add networks for operational equipment, supporting equipment and also increase the capacity of human resources as well as conduct studies for managing Geophysical operations, where IDRIP activity is included in the 2020-2024 Major Project National Mid-Term Development Plan (RPJMN).

The BMKG activities in IDRIP includes upgrading and adding sensor equipment in the filed, repairing sensor shelters and also upgrading early warning systems at central and back-up locations outside the center. The efforts to prepare the places, facilities and work infrastructure better than before for technical operations and also for the secretariat of the Deputy for Geophysics, are carried out through the InaTEWS OPERATIONAL SYSTEM DEVELOPMENT (BUILDING) activity in which overall the implementation includes the demolition and construction of two Geophysical Operational Buildings located in the BMKG Jakarta head office and the MKG Regional III Bali Headquarters office.

One of the activities in IDRIP is to accommodate the operational needs of the Early Warning System which has been aligned with the latest technological developments in operational equipment from IDRIP

activities and other operational equipment whose sustainability has been calculated with a projected 20 (twenty) year needs. This of course will add new monitoring, processing and dissemination system equipment therefore it is necessary to assess whether the existing buildings and operational space infrastructure suggestions are sufficient, or not and an increase in construction is needed (through renovation or with new construction) to facilitate the needs for the next 20 years.

In general, the development in Jakarta and Bali is to provide operational infrastructure better than before as well as an effort to provide work infrastructure that is better, more appropriate, and has the right benefits and functions compared to the infrastructure that is currently being used. However, for activities in Bali, it is specifically designated as back-up for Central Jakarta operations, both data back-up for monitoring, processing, dissemination and other operational needs therefore if there is a paralysis in Central Jakarta operations, Bali operations will automatically take over.

The initial plan for this activity is in the existing IDRIP administrative documentation, both in the RC (Readiness Criteria), POM (Project Operation Manual), PAD (Project Appraisal Document) and other documents, the diction for the construction activities of the two buildings used is renovation, therefore in general the scope of its activities is to carry out renovations to existing buildings to meet the needs. To indicate the actual needs, as a construction of a new building, it is necessary to conduct a technical study towards the needs and conditions or capacity of the existing building. Given this importance, it is necessary for the services of an individual consultant

or professional (independent professional) to conduct an assessment of the condition of the existing building and the operational needs of the BMKG in order to obtain a technical study document that forms the basis for renovation or construction of a new building in an effort to support the Multi Hazard Early Warning System. (MHEWS.)

II. Objective of Assignment

The purpose of the BMKG Building Needs Assessment of Individual Consultant Service is to assist and support the BMKG by carrying out technical studies of the condition of existing buildings and plans for future operational needs. This technical study is expected to contain the necessary technical input in accordance with the applicable regulations.

III. Work Location

The activities will be carried out in two locations, namely in Jakarta and Bali with the following details:

NO	LOCATION	ADDRESS	DETAILS
1	Jakarta	Kantor BMKG Pusat Jakarta, Jl. Angkasa I no.2, Kemayoran Jakarta Pusat	<ul style="list-style-type: none"> • Central BMKG Office • Total area ± 3 ha • Owned by BMKG
2	Bali	Kantor Balai Besar BMKG Wilayah III Denpasar, Jl. Raya Tuban, Kuta	<ul style="list-style-type: none"> • BMKG Regional III Offices • Total area ± 6.000 m² • Owned by BMKG



Figure 1. Location of the InaTEWS Operational System Development Activity, Jakarta.

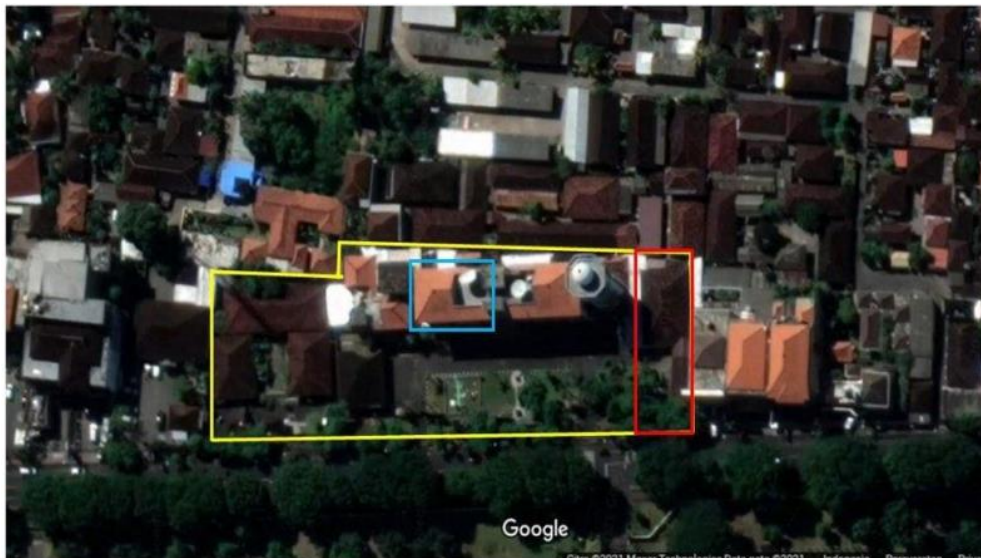


Figure 2. Location of the InaTEWS Operational System Development Activity in PGR III, Bali.

IV. Source of funding

The source of funding for this consulting service activity is financed by the World Bank Foreign Loan funding through Indonesia Disaster Resilience Initiatives Project (IDRIP) activities.

V. Name and Organization of Committing Officer

Commitment Making Officer : PPK InaTEWS Operational System
Development (Building)
Working Unit : Earthquake and Tsunami Center
Project Implementation Unit (PIU): General Affair and HR Bureau

VI. Legal Reference

Legal references are as follows:

1. Law Number 31 of 2009 concerning the Meteorology, Climatology and Geophysics Agency;
2. Government Regulation Number 16 of 2021 concerning Implementing Regulations of Law Number 28 of 2002 concerning Buildings;
3. Regulation of the Minister of Public Works for People's Housing Number 22/PRT/M/2018 concerning the Construction of State Buildings;
4. PUPR Ministerial Decree No. 22 of 2018 concerning the Construction of State Buildings;
5. PUPR Ministerial Decree No. 02/PRT/M/2015 concerning Green Buildings;
6. Regulation of the Meteorology, Climatology and Geophysics Agency Number 5 of 2020 concerning the Organization and Work Procedure of the BMKG;
7. Regulation of the Meteorology, Climatology and Geophysics Agency Number 4 of 2018 concerning the Details of the Tasks of Work Units at the BMKG Headquarters;
8. IDRIP administration documents, Readiness Criteria, Project Operation Manual, Project Appraisal Document, Environment Social Management Framework dan Loan Agreement;

9. INKINDO Minimum Standard Guidelines 2021;
10. SNI 1727-2020 concerning minimum design loads and related criteria for buildings and other structures;

VII. Scope of work

The scope of work or activities to achieve technical studies both for buildings in Jakarta and in Bali are not limited to:

1. Existing Building Technical Data Collection

The consultant obtains technical data on Existing buildings (Architecture, Civil, Mechanical, Electrical and Plumbing) for InaTEWS OPERATIONAL SYSTEM DEVELOPMENT (BUILDING) activities in Jakarta and Bali through initial assessments for various aspects which are not limited to:

- a. Layout dan landscaping
- b. Plan of the building and type of structure (superstructure and foundation) used, including documenting damage if any.
- c. Building access and circulation
- d. Accessibility and facilities for persons with disabilities
- e. Flood control
- f. Traffic Analysis
- g. Cultural heritage or historical heritage
- h. And other related building facilities

Not only at the location of the planned activity, the consultant must also conduct an assessment of the environment around the planned building, for example the distance from the activity location to people's houses and community access that may be disrupted due to construction.

2. Administrative data collection

- a. Recieves information related to local administrative permits in Jakarta and Bali required for new building construction or renovations
- b. Obtain information related to applicable regulations regarding buildings and constrution, especially state buildings with non-standard criteria, such as earthquake resistance, accessibility, fire, etc.
- c. Obtain information related to applicable guidelines / regulations from the World Bank relating to construction activities.
- d. Recieve information regarding regional unit price standards.

3. Data and analysis of space needs

At this stage the consultant must collect data and information as well as carry out an analysis needs, which includes the needs of organizational development and operational needs of InaTEWS OPERATIONAL SYSTEM DEVELOPMENT (BUILDING) Buildings in Jakarta and Bali. From the analysis needs, it is expected that the consultant will have obtained information that is not limited to:

- a. The required space quantity, type and size.
- b. Space/building criteria and needs, service/serviceability conditions and conformity to equipment specifications or needs from BMKG.
- c. Other supporting facilities, as well as other necessary things.

4. Data collection and analysis of equipment needs

At this stage, the consultant conducts a search for data and information for equipment needs (including projections of future needs) the operational Early Warning System from InaTEWS OPERATIONAL SYSTEM DEVELOPMENT (BUILDING) and the System of BMKG's Geophysical Monitoring either through survey mechanisms, interviews, meetings or other mechanisms to BMKG building users and other parties for the two buildings in Jakarta and Bali including the type, weight, dimensions and characteristics of the equipment needed.

5. Conduct a study for building needs

This study will determine whether the existing buildings are still adequate to accommodate the planned needs of InaTEWS OPERATIONAL SYSTEM DEVELOPMENT (BUILDING) activities in both Jakarta and Bali so that renovation or construction of new buildings is necessary. This study was conducted on the existing building for future BMKG operational needs which are not limited to:

- a. Reviewing the layout, quantity and capacity of the space, is it still adequate with the need for organizational development and additional equipment or other geophysical monitoring systems.
- b. Assessing whether the existing building meets the criteria for serviceability conditions and the current and future maximum design loads (including earthquake loads), and the criteria for accessibility of persons with disabilities, flood control, and other related aspects.
- c. Reviewing the M/E condition, is it still adequate with the addition of equipment or other monitoring systems.

6. In carrying out all these scopes of work, they must first coordinate with the Environmental and Social Risk Screening Consultant and the Commitment Making Officer (PPK), and obtain approval from the PPK.
7. Data, information, regulations and other matters must be properly documented and data. Also information obtained through survey results, interviews and meetings must have a list and signature of participants.

If based on the results of the study is found that a building renovation is required, the consultant will arrange but not be limited to:

1. Consultants need to analyze the stages required for renovation activities including the needs of other necessary studies.
2. Prepare technical recommendations related to activity stages (preparation, planning, partial demolition, procurement, construction, and post-construction), renovation needs and necessary administration.
3. Prepare Preliminary Concept design for renovation activities.
4. Prepare an estimate of the timeline and project costs.
5. Prepare Terms of Reference (TOR) for Construction Management and Planning Consultants.

If in this study it is found that **the renovation of the existing building is unable to accommodate** the InaTEWS OPERATIONAL SYSTEM DEVELOPMENT activity plan, the consultant will arrange but not be limited to:

1. Activity Stages (preparation, planning, demolition, procurement, construction and post-construction).

- a. The consultant must analyze the stages regarding the activities which are needed in the construction of a new building including the needs of other related studies required.
 - b. The consultant also prepares recommendations or strategies in the implementation of activities therefore they are right on target and on time.
2. Preliminary Concept design or initial design criteria (space program, site plan, building orientation, floor area, number of floors, construction system, construction method), the process of preparing the design concept must pay attention to the compliance with RDTR and other applicable regulations.
3. Project cost estimation
The consultant must carry out an analysis to estimate the required project costs, both from preparation, planning, demolition, and construction.
4. Estimated project timeline
The consultant must prepare an estimated project timeline from preparation, planning, demolition, and construction. In preparing the timeline, the consultant must pay attention to all the required activity stages as well as the overall IDRIP project schedule.
5. Prepare Terms of Reference (TOR) for Construction Management and Planning Consultants.

VIII. Personnel

1. Administration Qualification
 - a. Holds an Indonesian Citizen Identity Card (KTP)

- b. Holds an appropriate Taxpayer Identification Number (NPWP)
 - c. Submits a statement letter stating:
 - 1) Have a good understanding of the guidelines and practices of construction activities funded from multilateral financing institutions (World Bank) loans.
 - 2) Have a good understanding of building construction guidelines and regulations including local regulations.
 - 3) Have good analytical skills in carrying out a study of office building needs.
 - 4) Have a good ability for written and oral communication in Indonesian and English also prepare technical documents, report documents, final review documents and recommendations.
2. Technical qualification
- a. Minimum Master's degree in Architecture/Civil Engineering, a certificate degree must be provided.
 - b. Minimum of 8 (eight) years of professional experience in the planning or management of building construction and have experience in building work with Early Warning Center / Command Center or Server Rooms.
 - c. Holds a Certificate of Expertise (SKA) in Construction Management.

IX. Facility

In carrying out their duties, individual consultants are able to use the workspace adjacent to the PPK workspace at the BMKG office and can also use the virtual meeting method. For stationery needs, hardware such as laptops and personal computers (PCs) are provided by consultants.

X. Output/Product

Individual consultants must provide work results in the form of, but not limited to:

1. Documentation and reports on space and equipment requirements analysis. The report also contains the results of surveys/interviews from users, both from echelon 1 officials, echelon 2 officials, project directors, PIUs, echelon 3 officials or field coordinator level, echelon 4 officials or sub-coordinator level in the field and implementing level or related staff. Space requirements and their characteristics, equipment requirements and their general characteristics are well arranged.
2. Documentation and technical assessment reports for existing buildings (architectural, civil, mechanical, electrical and plumbing) are well organized.
3. Document progress reports weekly and monthly.
4. Initial needs assessment document.
5. Documents of Terms of Reference (TOR) for Construction Management and Planning Consultants.
6. Documents for the final assessment needs of the BMKG Building.
7. Document report completion of work.

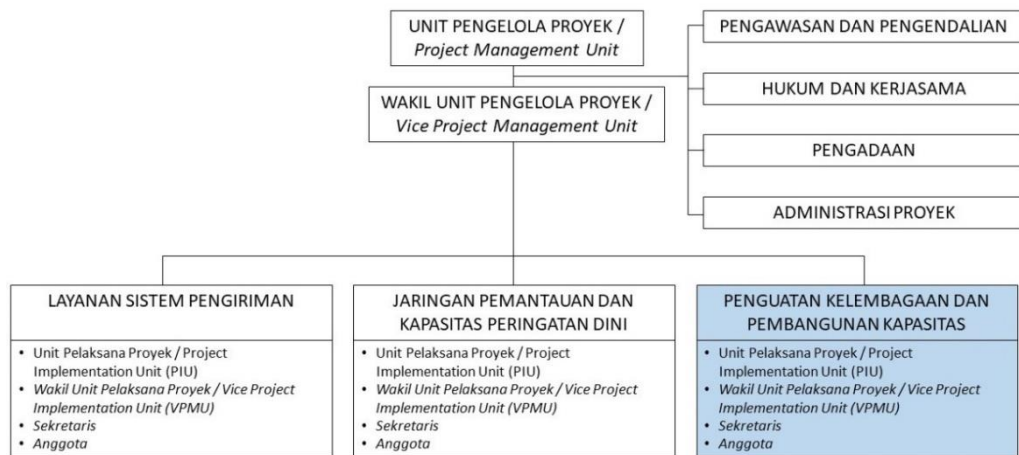
Preliminary assessment and final assessment documents prepared by individual consultants must at least contain:

1. Background
2. Legal Basis
3. World Bank standard regulations.
4. BMKG requirements and essential conditions.
5. Condition of the existing building (technically).
6. Consideration (deficiency and advantages)
7. Studies and Recommendations.

8. Documentation photos.

XI. Organizational Structure

The individual consultants will work under the following organizational structure and report the results of their work to the Vice Project Management Unit (VPMU) in stages from PPK to the Project Implementation unit (PIU) and to the Project Director.



XII. Indicative Time Period and Work Implementation Schedule

In carrying out the work, the maximum period given is 3 (three) months/12 (twelve) weeks from the date of appointment, and it is also possible if the outputs can be completed quicker with the approval of the PPK as shown in the following table.

NO	ACTIVITY	1 st				2 nd				3 rd			
		MONTH				MONTH				MONTH			
		1	2	3	4	1	2	3	4	1	2	3	4
1	Initial coordination with KDP, IDRIP Secretariat, PIU and Project Director.	█	█										
2	Preparation of survey and interview paperwork.		█										
3	Collecting data on BMKG needs		█	█	█	█							
4	Collecting government and World Bank regulatory data		█	█	█	█							
5	Initial draft of the BMKG building construction needs assessment report for Jakarta and Bali.					█	█	█	█				
6	BMKG building needs assessment report.									█			
7	Revision of the initial draft of the building needs assessment report and additional data collection.									█	█		
8	Final report on the study needs for the construction of the BMKG building.											█	
9	Coordination of the results of the final study document.											█	█
10	Preparation of TOR Documents for Construction Management and Planning Consultants.											█	█
11	Final report												█