



TERMS OF REFERENCE

DESIGN AND BUILD FOR THE CONSTRUCTION OF INTERNATIONAL STANDARD 8-LANE TRACK & FIELD OVAL AND OTHER ATHLETIC EVENTS FACILITIES INCLUDING RETENTION AND DETENTION TANKS AT AMORANTO SPORTS COMPLEX

I. PROJECT DESCRIPTION

The Amoranto Sports Complex (ASC), originally named the Quezon City Sports Complex, is one of the oldest and most iconic public sports facilities in Metro Manila. Built in the 1960s on a 5.8-hectare government-owned property in Brgy. Paligsahan, the complex originally featured a grandstand, a track oval, bleachers, and a gymnasium. Over the years, several additions and renovations were introduced, including tennis and badminton courts, among others.

The Quezon City Government (QCG) is committed to providing quality and professional service to its constituents, part of which includes modernizing and upgrading its public facilities. A major initiative under this commitment is the redevelopment of the Amoranto Sports Complex into a world-class venue for athletics and sports development, particularly for the youth. The project also aims to position the facility as the premier destination for both sporting and non-sporting events, such as concerts, civic gatherings, and community celebrations, further reinforcing its status as a landmark public facility in Quezon City.

At present, the complex no longer has a functioning track and field oval, as the original was demolished to make way for the Amoranto Football Field. To address this, the City Government is set to construct a new international-standard eight-lane track and field oval, along with other athletic facilities, that will meet competition-level requirements. This Terms of Reference (TOR) outlines the design and construction parameters for the Design and Build of the proposed facilities, as part of Quezon City's broader efforts to foster a livable, active, and competitive environment.

A. OBJECTIVES

The Design and Build of the International Standard 8-Lane Track & Field Oval and Other Athletic Events Facilities in Amoranto Sports Complex shall achieve the following objectives:

- To establish a high-quality, multi-purpose venue in Quezon City capable of hosting a wide range of sporting competitions, community events, and other related activities;
- To provide athletes, students, and trainers—especially those at the grassroots level—with a modern, safe, and accessible facility for training, sports development, and skill enhancement;
- To promote health and wellness among Quezon City constituents by encouraging active lifestyles through enhanced access to quality sports facilities; and
- To stimulate local tourism and economic activity in District 4 by attracting both local and international events to the Amoranto Sports Complex.



B. PURPOSES

The purpose of this project is to design and construct an international standard 8-lane track and field oval and other athletic events facilities within ASC, to replace the previously demolished facility. The new facility shall upgrade the iconic sports complex into a premier, world-class sports destination in Quezon City that meets both local (Philippine Sports Commission & Philippine Athletics Track and Field Association) and international (World Athletics) standards, thus enabling the hosting of various athletic competitions while serving as a hub for community recreation, training, and sports education.

By adopting the Design and Build approach for this project, a streamlined and coordinated delivery of both design and construction is ensured, thus, minimizing delays, reducing coordination challenges, and maximizing cost-effectiveness, resulting to a high-quality sports facility that is responsive to evolving trends in sports and athletic development for the benefit of every QCitizen.

C. LIMITATIONS/CONSTRAINTS

1. Site Restrictions

All construction activities shall be constrained to the designated area for the International Standard 8-Lane Track & Field Oval and Other Athletic Events Facilities, with approximate area of 7,500 square meters, including buffer zones, and with the area of the Amoranto Football Field already excluded. A nearby staging area may be identified, subject to prior written consent obtained from the Quezon City Government (QCG).

2. Operational Disruption and Working Hours

The Amoranto Sports Complex shall remain operational during the construction phase of the International Standard 8-Lane Track & Field Oval and Other Athletic Events Facilities. Construction activities must therefore be carried out with minimal disruption to ongoing activities and events, while ensuring the protection and safety of all end-users. To avoid disturbances to neighboring areas, construction works shall be limited to approved working hours and days, unless otherwise authorized in writing by the QCG.

3. Timeframe

The project shall be completed within the specified and approved contract period. Time extensions may be granted under justifiable circumstances and with prior written consent from the QCG.

4. Compliance with Standards

All plans and specifications shall comply with relevant standards, particularly those set by the World Athletics (formerly International Association of Athletics Federations or IAAF), the Philippine Sports Commission (PSC) and the Philippine Athletics Track and Field Association (PATAFA) in the design of track & field facilities.

In addition, all plans, specifications and construction methodologies shall strictly adhere to national building regulations, including but not limited to:

- National Building Code of the Philippines (PD 1096)
- Accessibility Law (BP 344) and its latest version
- National Structural Code of the Philippines



- Plumbing Code (RA 1378)
- 2025 QC Green Building Ordinance and its IRR

5. Environmental Impact

All construction activities shall be conducted in a manner that shall minimize environmental impacts. Appropriate and timely mitigation measures must be observed throughout the construction period.

D. ALLOCATION OF RISKS

1. Responsibility for Design and Build

The responsibility for both design and construction shall lie solely with the Design and Build Contractor. All outputs, including plans and specifications, shall be subject to the review, approval, and revisions of the QCG.

2. Budgetary Constraints

The design and construction costs shall not exceed the Approved Budget for the Contract (ABC). Any costs incurred beyond the ABC shall be borne solely by the Design and Build Contractor.

3. Force Majeure

In the event of force majeure, risks shall be fairly and equitably shared by the Design and Build Contractor and the QCG, taking into account the nature and extent of the impacts.

4. Health, Safety and Security

The Design and Build Contractor shall be solely responsible for the health of its workers, site security and accident prevention. Any negligence and safety violations shall be resolved at the Design and Build Contractor's expense. This responsibility also extends to third-party claims resulting from disputes, damages, or injuries arising from construction-related activities.

5. Protection of Existing Facilities

The Design and Build Contractor shall be solely responsible for ensuring the integrity, cleanliness, and safety of existing adjacent facilities, particularly the Amoranto Football Field and Grandstand. Prior to commencement of construction, a joint pre-construction condition survey of adjacent facilities and the surrounding area shall be conducted and documented. Any damage arising from construction activities shall be immediately reported to QCG and promptly repaired or restored to original or better condition at the Design and Build Contractor's expense. Dust control, drainage protection, and erosion control measures shall be implemented to prevent contamination, flooding, or siltation within ASC.

To protect the Amoranto Football Field, appropriate protective measures, such as tarpaulins, protective sheeting, temporary decking or mats, and rigid barriers, to prevent damage from dust, debris, falling materials, and other construction-related impacts shall be provided by the Design and Build Contractor. The use of the Football Field for construction access, staging, material stockpiling, or equipment parking shall be strictly prohibited.



II. CONCEPTUAL DESIGN

A. GENERAL IDEA – NAME, LOCATION, BOUNDARIES

The International Standard 8-Lane Track & Field Oval and other Athletic Events Facilities is an integral component in the Master Redevelopment Plan of Amoranto Sports Complex. The project is to be constructed on the site of the former track & field oval, encircling the Amoranto Football Field, and adjacent to the Amoranto Grandstand.

The new facility shall be designed to accommodate a wide range of track events, including sprints, middle-distance, and long-distance races, as well as relay events. It shall also support key field events, such as long jump, high jump, triple jump and pole vault, in accordance with international competition standards.

In addition to the sports facilities, a Retention Tank and Detention Tank shall be constructed underneath the track oval, near the Amoranto Grandstand, to enhance the site's stormwater management and support the overall sustainability and resilience of the Amoranto Sports Complex

B. SCOPE/PHYSICAL COMPONENTS AND STRUCTURE REQUIREMENTS AND PROPOSED METHODS

For the conduct of national competitions as governed by PSC and PATAFA, the new track oval shall have the following minimum requirements:

• TRACK FACILITIES

A complete 400-meter standard track shall be constructed, consisting of a minimum of eight (8) oval lanes and eight (8) straight lanes for sprint and hurdle events. The oval must follow the standard World Athletics geometry, particularly:

- Length of parallel straights: 84.390 m
- Construction radius of semicircle bends (kerb line): 36.500
- Radius of measurement line in Lane 1 (0.30 m outside kerb): 36.800 m
- Length of each bend (construction line): 114.6681 m
- Length of each bend (running line): 115.6106 m
- Total oval length (construction line): 398.1163 m
- Total oval length (running line / nominal): 400.0012 m

An obstacle-free zone at least 1.00 m wide must be provided on both the inside and outside of the track, level with the competition surface.

• JUMPING EVENTS

- a. Long Jump and Triple Jump Facilities (Two Ends)
 - Runway length: 45 m (international requirement)
 - Width: 1.22 m ± 0.01 m
 - Markings: 0.05 m lines or broken lines, 0.10 m long, 0.50 m apart
 - Surface: Same system as the track
- b. High Jump
 - Minimum runway length: 25 m, compliant with major competition standards



c. Pole Vault (Two Runways)

- Runway length: 40 m minimum, 45 m preferred
- Width: 1.22 m \pm 0.01 m
- Landing area: 6 m \times 6 m, with \geq 2 m forward extension

• **CIVIL WORKS, SUB-BASE, AND DRAINAGE**

The facility shall include:

- a. Subgrade preparation and compaction to WA tolerances
- b. Construction of a compliant sub-base and asphalt base course suitable for WA-certified surfacing systems
- c. Full track drainage, including internal slot drains or perimeter drains as needed
- d. Surface flatness compliant with WA tolerances for Category 1 tracks
- e. **Retention and Detention Tanks** (1,440 cu.m. capacity) with appropriate drainage, including maintenance ducts and mechanical pumping systems for water drainage and/or utilization
 - Material: Heavy-Duty Polypropylene
 - Length: 100 m
 - Width: 12 m
 - Depth: 1.2 m

• **TRACK SURFACING SYSTEM**

The track shall use a World Athletics Product-Certified Track Surfacing System, installed according to manufacturer and WA requirements, including:

- Application of base and top layers
- Integration of event-specific surfacing (runways, take-off boards, circles)
- WA-compliant line markings
- In-situ performance testing (force reduction, vertical deformation, friction, thickness, adhesion) performed by a WA-Accredited Laboratory

• **PROPOSED METHODS**

A complete set of technical documents shall be prepared covering:

- Construction sequencing
- Materials and equipment specifications
- Site access and logistics
- Environmental and safety measures
- Quality assurance and control procedures
- Field testing and commissioning procedures
- Coordination with PATAFA/PSC during compliance surveys

1. **CONCEPTUAL PHASE**

All prospective bidders are required to submit a Conceptual Design as part of their Technical Proposal, based on the project's location in the approved Amoranto Master Redevelopment Plan, and on specifications set in this TOR. The Preliminary Conceptual Design shall include, but not limited to, the following:

- Site Development Plan
- Proposed Floor Plan / Layout
- Exterior Perspectives and Reference Images
- Levels Plan



- Circulation Diagram
- Materials Plan including images of materials/finishes
- Submission of Proposed Work Plan Methodology and Preliminary Inspection Findings

2. REGULATORY APPROVAL FROM RELEVANT SPORTS AGENCIES

The winning bidder, hereafter referred to as the Design and Build Contractor, shall submit for review the approved Conceptual Design to the Philippine Sports Commission (PSC) and the Philippine Athletics Track and Field Association (PATAFA) and seek their approval within **TEN (10) Calendar Days** reckoned from the **issuance of the Notice to Proceed (NTP)**.

Should revisions be required, the Design and Build Contractor is to be allotted **FIVE (5) Calendar Days upon receipt of recommendations** issued by PSC and/or PATAFA to incorporate the necessary changes and resubmit the documents accordingly to the QCG for subsequent approval.

3. RESEARCH AND DETAILED DESIGN

Upon receipt of approval of the Conceptual Design Plans, revised as necessary, from the QCG, the Design and Build Contractor will submit the Research and Detailed Design Documents in **THIRTY (30) Calendar Days**.

The Research and Detailed Design documents shall include, but not limited to, the following:

- A. Research, site surveys and investigations for needed data on the locations, dimensions, elevations and other pertinent data on:
 1. Existing utility lines (electricity, water and telecommunication)
 2. Road levels and elevations
 3. Drainage line
 4. Existing trees/vegetation
 5. Existing structures
- B. Detailed Design Plan and Program of Works to be submitted for the approval of the QCG
 1. Complete Architectural and Engineering Drawings that shall include but not limited to:
 - Site Development and Layout Plan
 - Illustrates the lot boundaries, proposed and existing structures, access points, landscaping, site circulation, setback and easement requirements, and topographic contour lines, as needed
 - Floor Plan/s
 - Civil / Structural Plan
 - Plumbing and Storm Layout Plan
 - Outlines the design and layout of plumbing and storm drainage system that shall ensure hygienic conditions of the facility and maintain public health and safety.
 - Cross Sections



- Offers detailed sectional views through the facility to illustrate internal components, such as typical track cross section
 - Rendered perspectives
 - Demolition plan for existing structures:
 - Grandstand (Score Board)
 - Grandstand (Dormitories)
 - Asphalt Road Flooring
2. Detailed Engineering Deliverables and Activities
- General Notes and Technical Specifications describing the type and quality of materials and equipment to be used
 - Structural Analysis Report
 - Detailed Cost Estimates, Detailed Bill of Quantities, with corresponding Detailed Unit Price Analysis (DUPA), a summary sheet indicating the unit prices of construction materials, labor rates and equipment rentals
 - Detailed Program of Work (POW)
 - Construction Schedule (Bar Chart with Milestones)
 - PERT-CPM Diagram and Quality Control Plan
 - Comprehensive Design Report
 - Manpower Utilization Schedule
 - Equipment Utilization Schedule
 - In-Situ Performance Test

The Design and Build Contractor shall be fully responsible for the accuracy and applicability of all data to be used in its Design and Build proposal and services. Thus, it shall be the responsibility of the Design and Build Contractor to validate preliminary investigations and information on soil, geotechnical, hydraulic, seismic, traffic and environmental conditions, as needed, to define project design criteria. They shall likewise validate conduct validation on existing utilities and service lines in and around the project area, thus, ensuring the accuracy of all information used in design development.

The Design and Build Contractor shall consider the following criteria in preparing the design:

- Application of current technology and industry trends in the design of facilities for track and field
- Ensure the safety and security of all end-users at all times, including provisions for non-slip surfaces and clear signages
- Compliance with international and local standards in sports, particularly in track and field and other infield athletic events
- Zoning of spaces and efficient circulation
- Maintenance and life cycle cost considerations

To ensure that the submitted design complies with applicable sports standards and safety protocols, the Design and Build Contractor shall coordinate with and seek the approval of relevant governing bodies and regulatory authorities in track & field and other athletic field events, such as the Philippine Sports Commission and the Philippine Athletics Track and Field Association (PATAFA), as necessary. It shall be the responsibility of the Design and Build Contractor to obtain and secure the



necessary clearances and certifications to validate the compliance and eligibility of the design of the facility in hosting national and international competitions and events.

The Design and Build Contractor shall submit **five (5) copies of the research and plans in A4-size paper and in 20 x 30 white print, ring-bound and five (5) electronic copies in flash drive**, for the approval of the QCG, who may provide also comments and suggestions, which the Design and Build Contractor shall address and incorporate into the revised submission, as necessary.

An approval period of **TEN (10) Calendar Days upon receipt of the Research and Detailed Design Documents** shall be allotted for the review of the Research and Design Development documents by the QCG. Should revisions be required, another **TEN (10) Calendar Days upon receipt of recommendations from QCG** shall be allotted to the Design and Build Contractor to incorporate the necessary changes and resubmit the documents accordingly.

4. **IMPLEMENTATION PHASE**

The Design and Build Contractor shall perform the following, but not limited to, construction works in **ONE HUNDRED (100) Calendar Days** after the QCG's approval of the Research and Design components:

- i. Supply labor, material, equipment and other requirements deemed necessary for the construction and implementation of the project.
- ii. Obtain all necessary information as to risks, contingencies and other circumstances which may affect the works. They shall prepare and submit all necessary documents specified by the QCG to meet all regulatory approvals specified in the contract documents.
- iii. Execute the construction activities to complete the project in accordance with the approved architectural and engineering designs, construction drawings and specifications in the highest degree of workmanship, integrity and professionalism.
- iv. Secure compliance of the requirements of R.A No. 11058 or the Occupational Safety and Health Hazards Law, and its Implementing Rules and Regulations, and Department of Labor and Employment (DOLE) Department Order 198-18, specifically the Basic Components and Company Occupational Safety and Health (OSH) Program and Policy (DO 198, Chapter IV, Section 12).
- v. Prepare semi-monthly and monthly accomplishment reports supported by progress photographs and S-curve to monitor performance as basis for progress billing.
- vi. Ensure that the quality of materials to be furnished or works to be done shall be in accordance with the approved specifications. However, if specified materials are not available, the Design and Build Contractor shall immediately propose, in writing, acceptable alternatives to the QCG.
- vii. Test the materials they will use on the project, such as, but not limited to, fine aggregates, coarse aggregates, cement, concrete, reinforced steel bar, among others, and provide the QCG a copy of the Material Testing Results.
- viii. Comply with pertinent regulations and adopt safety measures, such as but not limited to: enclosures, shielding, covering, warning devices, off limits signs, etc.



- ix. Coordinate and comply with the authorized representatives from the QCG who may, at any time, inspect the progress of the project and may issue a stoppage when the integrity, security and safety of the site and structures around the site is compromised.
- x. Carry out their duties and responsibilities as expeditiously as possible and shall begin, perform and complete their services so that the work progresses in accordance with the construction schedule and is finally completed by the date of final completion.
- xi. Coordinate during the final inspection and use of the project, which will be conducted in the presence of authorized representatives of the QCG.

As a rule, contract implementation guidelines for procurement of infrastructure projects shall comply with the guidelines for the implementation of contracts for DESIGN AND BUILD infrastructure projects, and the following provisions shall supplement these procedures:

- i. No works shall commence unless the Design and Build Contractor has submitted the required documentary requirements to the QCG and has secured approval.
- ii. The Design and Build Contractor shall submit a detailed program of works within **TEN (10) Calendar Days after the issuance of the Notice to Proceed** for approval of the QCG that shall include, among others:
 - The order in which it intends to carry out the work including anticipated timing for each stage of design/detailed engineering and construction;
 - Periods for review of specific outputs and any other submissions and approvals;
 - Sequence of timing for inspections and tests as specified in the contract documents;
 - General description of the design and construction methods to be adopted;
 - Number and names of personnel to be assigned for each stage of the work;
 - List of equipment required on site for each major stage of the work; and
 - Description of the quality control system to be utilized for the project.
- iii. Any errors, omissions, inconsistencies, inadequacies or failure submitted by the Design and Build Contractor that do not comply with the requirements shall be rectified, resubmitted and reviewed at the Design and Build Contractor's cost. If the Design and Build Contractor wish to modify a design or document which has been previously submitted, reviewed and approved, it shall notify the QCG within a reasonable period of time, and shall shoulder the cost of such changes.
- iv. Changes in design and construction requirements shall be limited only to those that have not been anticipated in the contract documents prior to contract signing and approval. The following shall govern approval for change orders:
 - Change Orders resulting from design errors, omissions or non-conformance with the performance specifications and parameters and the contract documents by the Design and Build Contractor shall be implemented by them at no additional cost to the QCG.



- Provided that the Design and Build Contractor suffer delay and/or incurs costs due to changes or errors in the QCG's performance specifications and parameters, he shall be entitled to an extension of time for any such delays under Section 71.1.3 of the IRR of RA 12009.
- v. The contract documents shall include the manner and schedule of payment specifying the estimated contract amount and installments in which the contract price will be paid.
- vi. The Design and Build Contractor shall be entitled to advance payment subject to the provisions of Section 71.2.5 of the IRR of RA 12009.
- vii. The QCG shall define the quality control procedures for the design and construction in accordance with agency guidelines and shall issue the proper certificates for acceptance for sections of the works or the whole of the works as provided for in the contract documents.
- viii. The Design and Build Contractor shall provide all necessary equipment, personnel, instruments, documents and others to carry out specified tests.
- ix. All Design and Build projects shall have a minimum Defects Liability Period of one (1) year after contract completion or as provided for in the contract documents. This is without prejudice, however, to the liabilities imposed upon the engineer/architect who drew up the plans and specification for a building sanctioned under Article 1723 of the New Civil Code of the Philippines.
- x. The Design and Build Contractor shall be held liable for design and structural defects and/or failure of the completed project within the warranty periods specified in Section 90 of the IRR of RA 12009.

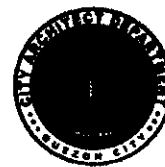
5. POST-IMPLEMENTATION PHASE

The Design and Build Contractor shall engage the services of a World Athletics-approved measurer or qualified surveyor to perform the official facility measurements in accordance with WA measurement procedures and submit the completed WA Track and Field Facilities Measurement Report and all measurement drawings to QCG and PATAFA as part of final certification package.

Thus, the Design and Build Contractor shall submit within **TEN (10) Calendar Days** from the completion of the project the following documents:

- a. As-built plans, five (5) copies in 20 x 30 white print, ring bound, and five (5) electronic copies in flash drive
- b. Training and Operations Guidelines
- c. WA Track and Field Facilities Measurement Report
- d. WA Product Certificate
- e. Acceptance of Project by the QCG

CONCEPTUAL, RESEARCH AND DETAILED DESIGN PHASES	NUMBER OF CALENDAR DAYS	RESPONSIBLE PARTY
SUBMISSION OF CONCEPTUAL DESIGN AS PART OF TECHNICAL PROPOSAL	Five (5) CD	Design and Build Contractor
CONCEPTUAL DESIGN PLANS REVIEW	Five (5) CD	QC Government
REGULATORY APPROVAL OF APPROVED CONCEPTUAL PLANS	Ten (10) CD upon receipt of Notice to Proceed	Design and Build Contractor
REVISION AND RESUBMISSION OF APPROVED CONCEPTUAL PLANS, IF NECESSARY	Five (5) CD upon receipt of recommendations from PSC and/or PATAFA	Design and Build Contractor



RESEARCH AND DETAILED DESIGN DEVELOPMENT INCLUDING PROGRAM OF WORKS	Thirty (30) CD upon receipt of approval of Conceptual Design Plans from QCG	Design and Build Contractor
APPROVAL OF DETAILED DESIGN DEVELOPMENT PLANS	Ten (10) CD upon receipt of Research and Detailed Design Plans	QC Government
REVISION AND RESUBMISSION OF DETAILED DESIGN DEVELOPMENT PLANS, IF NECESSARY	Ten (10) CD upon receipt of recommendations from QCG	Design and Build Contractor
TOTAL NO. OF CALENDAR DAYS	SEVENTY-FIVE (75) CALENDAR DAYS	
IMPLEMENTATION PHASE	NUMBER OF CALENDAR DAYS	
PROJECT IMPLEMENTATION	One hundred (100) CD upon receipt of approval of Detailed Design Plans by the QCG	Design and Build Contractor
POST-IMPLEMENTATION, SUBMISSION OF AS-BUILT PLANS	Ten (10) CD reckoned after completion of construction work	Design and Build Contractor
TOTAL NO. OF CALENDAR DAYS	ONE HUNDRED AND TEN (110) CALENDAR DAYS	
TOTAL PROJECT DURATION	ONE HUNDRED AND FORTY-FIVE (145) CALENDAR DAYS	

III. PERFORMANCE SPECIFICATIONS AND PARAMETERS

The Design and Build Contractor shall ensure that the design and construction of the International Standard 8-Lane Track & Field Oval and Other Athletic Events Facilities shall meet the minimum performance specifications and parameters herein set forth.

A. DESIGN AND CONSTRUCTION STANDARDS, LEGAL AND TECHNICAL OBLIGATIONS

1. Design Parameters

All design works shall strictly follow the World Athletics Track and Field Facilities Manual 2019 for Competition Category 1 and Construction Category I facilities, including all geometric, dimensional, performance, safety, and certification requirements. Lighting appropriate for sports competitions, events and broadcasting shall be part of another contract.

The design shall include, but not be limited to, the following minimum standards:

- Eight (8)-Lane, 400-Meter Standard Oval Track, using the official World Athletics geometry for a standard track (36.80 m radius to Lane 1 running line, 84.39 m straights, 1.22 m ±0.01 m lane widths).
- Track and Field Markings strictly following World Athletics Rules, including start/finish lines, staggers, hurdle marks, take-off boards, relay zones, break lines, and event markings.
- Lane width: 1.22 m ± 0.01 m, measured to the inside edge of each lane.
- Scratch lines and relay exchange zone markings at 200 m and 400 m positions per WA measurement standards.
- Certified Track Surfacing Product holding a valid World Athletics Product Certificate for Category 1 use.
- Surfacing system must pass all required in-situ performance tests, including:
 - Force reduction (shock absorption)
 - Vertical deformation
 - Friction/slip resistance
 - Thickness validation
 - Tensile strength / adhesion



- All testing must be performed by a World Athletics Accredited Laboratory prior to final acceptance.
- Jumping and Pole Vault facilities shall comply with World Athletics-compliant geometry and layout
- Obstacle-free safety zone not less than 1.00 m inside and outside the track oval.
- Drainage slopes, surface gradients, and flatness tolerances in accordance with World Athletics Category 1 standards.

2. International and national standards in sports facilities

The project shall conform to the requirements and technical specifications of World Athletics for Competition Category 1 Track Oval, including the layout, dimensions, surfacing, equipment and markings. However, requirements for warm-up facilities and ancillary rooms shall be excluded.

3. National and Local Building Codes

The Design and Build of the project shall comply with the latest versions of relevant Philippine laws, particularly, but not limited to, the following:

- National Building Code of the Philippines (PD 1096) and its IRR
- Accessibility Law (BP 344) and its 2024 IRR
- 2025 Quezon City Green Building Ordinance and its IRR
- National Structural Code of the Philippines
- Plumbing Code (RA 1378)
- Other laws and regulations

4. Construction Industry Standards

Materials, construction methodologies and workmanship shall be in accordance with the following, as applicable:

- DPWH Standard Specifications for Public Works Structures
- ASTM Standards
- AASHTO standards for pavement and drainage components, where relevant
- Manufacturer specifications for WA-certified surfacing systems
- Professional regulatory standards for engineering design and construction practice

5. Health, Safety and Environmental Standards

The Design and Build Contractor shall implement site safety, environmental, and occupational health measures in accordance with:

- Department of Labor and Employment (DOLE) Occupational Safety and Health Standards
- DENR environmental regulations, including waste management and pollution control
- Construction safety and health programs under DOLE Department Orders
- Anti-hazard worksite controls, emergency response procedures, and proper material handling practices



IV. BID EVALUATION

A. FIRST STEP PROCEDURE

1. Qualifications

The first step of the evaluation shall involve the review of the preliminary conceptual designs and track record submitted by the prospective bidder as indicated in the Bidding Documents using a non-discretionary "pass/fail" criteria that involve compliance with the following requirements:

- a. Adherence of preliminary design plans to the required performance specifications and parameters and degree of details;
- b. Concept of approach and methodology for detailed engineering design and construction with emphasis on the clarity, feasibility, innovativeness and comprehensiveness of the plan approach, and the quality of interpretation of project problems, risks, and suggested solutions;
- c. Quality of personnel to be assigned to the project which covers suitability of key staff to perform the duties of the particular assignments and general qualifications and competence including education and training of the key staff. The following persons/entities shall be allowed to participate in the bidding for Infrastructure Projects:
 - Duly licensed Filipino citizens/sole proprietorships;
 - Partnerships duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the interest belongs to citizens of the Philippines;
 - Corporations duly organized under the laws of the Philippines, and of which at least sixty percent (60%) of the outstanding capital stock belongs to citizens of the Philippines;
 - Cooperatives duly organized under the laws of the Philippines; or
 - Persons/entities forming themselves into a joint venture, provided that Filipino ownership or interest of the joint venture shall be at least sixty percent (60%).
- d. Prospective bidders shall have the technical, legal and financial capability to undertake the project, as stated in Section 52 of RA 12009, and shall possess the following minimum classifications:
 - Have installed at least one (1) Oval Tracks with Class 2 IAAF/WA Certification and one (1) Oval Track with Class 1 IAAF/WA Certification in the past ten (10) years in the Philippines, both in design and construction, with at least 50% of the cost of the ABC;
 - Have competence and meaningful experience of minimum of ten (10) years of Architectural and Engineering Works for Track & Field Oval or related projects;
 - Have strong portfolio showcasing previous work/s;
 - Knowledge on best and appropriate materials used in sports facilities; and,
 - Have competent manpower qualifications that must be in accordance to the following:



For the *design phase*:

Key Personnel	Educational Attainment / Qualifications	Relevant Experience
One (1) Project Manager	<ul style="list-style-type: none"> - Bachelor's or Master's Degree in Architecture or Civil Engineering - Licensed Architect or Civil Engineer by Professional Regulatory Commission (PRC) - Experience in managing and leading multi-disciplinary design teams in the construction of sports facilities - Thorough knowledge of applicable building codes, regulations and safety standards 	10
One (1) Lead Architect	<ul style="list-style-type: none"> - Bachelor's Degree in Architecture - Licensed Architect by PRC - Thorough knowledge of applicable building codes and regulations 	10
One (1) Architect	<ul style="list-style-type: none"> - Bachelor's Degree in Architecture - License to practice as architect by PRC - Knowledge of building codes and safety standards 	5
One (1) Lead Structural Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Civil Engineering - Licensed Civil Engineer by PRC - Active member in good standing of the Association of Structural Engineers of the Philippines (ASEP) - Experience in structural analysis and design 	10
One (1) Structural Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Civil Engineering - Licensed Civil Engineer by PRC - Experience in structural analysis and design 	5
One (1) Lead Sanitary Engineer/ Designer	<ul style="list-style-type: none"> - Bachelor's Degree in Sanitary Engineering - Licensed Sanitary Engineer by PRC - Experience in designing plumbing and drainage systems, including rainwater harvesting systems, detention and retention tanks 	10
One (1) Sanitary Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Sanitary Engineering - Licensed Sanitary Engineer by PRC - Knowledge in designing plumbing and drainage systems, including rainwater harvesting systems, detention and retention tanks 	5
One (1) Geodetic Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Geodetic Engineering 	5



	<ul style="list-style-type: none"> - Licensed Geodetic Engineer by PRC - Proficiency in surveying equipment, GIS and survey software - Experience in land surveying and mapping for building projects 	
One (1) Geotechnical Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Civil Engineering - Licensed Civil Engineer by PRC - With specialization or proven experience in Geotechnical Engineering - Proficiency in soil investigation, borehole logging, and interpretation of geotechnical data - Experience in geotechnical investigation, soil analysis, and foundation design for building projects 	5

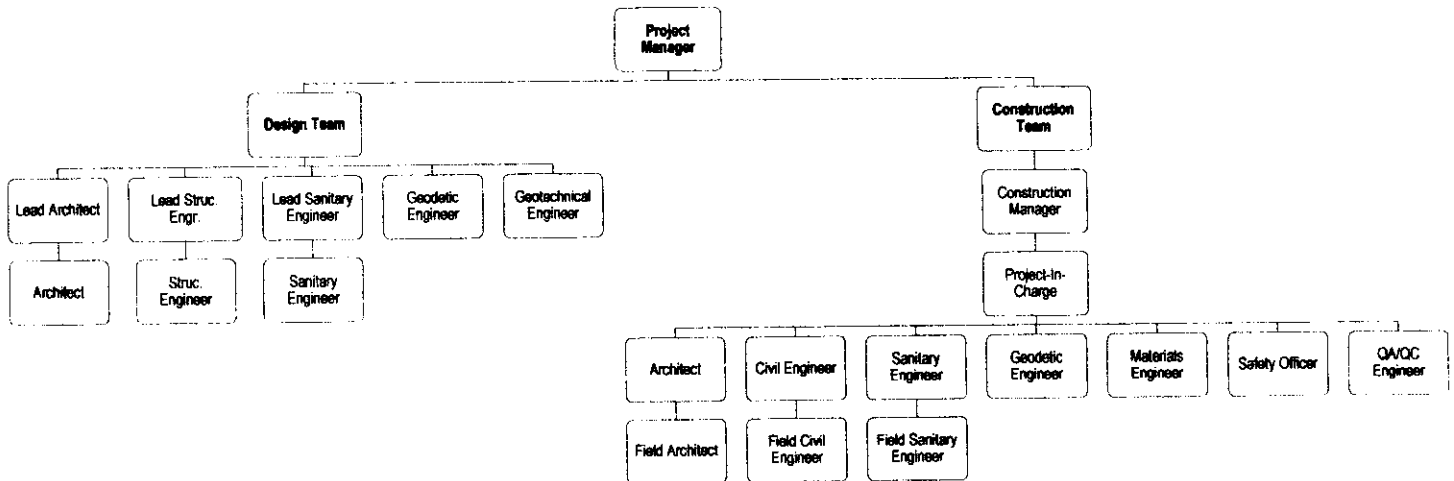
The key professionals listed above are required. The Design and Build Contractor may, as needed and at their own expense, add additional professionals and/or support personnel for the optimal performance of all Architectural and Engineering Design Services, as stipulated in these Terms of Reference, for the Project. Prospective bidders shall attach each individual's resume and PRC license of the (professional) staff.

For the *construction phase*:

Key Personnel	Educational Attainment / Qualifications	Relevant Experience
One (1) Construction Manager	<ul style="list-style-type: none"> - Bachelor's Degree in Civil Engineering - Licensed Civil Engineer by PRC - Experience in construction management 	10
One (1) Project-In-Charge	<ul style="list-style-type: none"> - Bachelor's Degree in Civil Engineering - Licensed Civil Engineer by PRC - Experience in construction of sports facilities 	10
One (1) Architect	<ul style="list-style-type: none"> - Bachelor's Degree in Architecture - Licensed Architect by PRC - Knowledge of building codes, construction standards and safety requirements 	5
One (1) Field Architect	<ul style="list-style-type: none"> - Bachelor's Degree in Architecture - Licensed Architect by PRC - Knowledge of building codes, construction detailing and site coordination 	3
One (1) Civil Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Civil Engineering - Licensed Civil Engineer by PRC 	5
One (1) Field Civil Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Civil Engineering - Licensed Civil Engineer by PRC 	3



	<ul style="list-style-type: none"> - Experience in on-site supervision and construction coordination 	
One (1) Sanitary Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Sanitary Engineering - Licensed Sanitary Engineer by PRC 	5
One (1) Field Sanitary Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Sanitary Engineering - Licensed Sanitary Engineer by PRC - Experience in plumbing, draining and sanitary system installation 	3
One (1) Geodetic Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Geodetic Engineering - Licensed Geodetic Engineer by PRC - Knowledge in surveying equipment and software - Knowledge in land surveying and mapping 	5
One (1) Materials Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Materials Engineering or Civil Engineering - DPWH-accredited Materials Engineer - Knowledge in construction materials testing, quality control and materials evaluation 	5
One (1) Safety Officer (minimum)	<ul style="list-style-type: none"> - Bachelor's Degree in Engineering or allied discipline - DOLE-accredited Safety Officer (at least SO2) - Completed 40-hours Construction Occupational Safety and Health (COSH) Training - Knowledge of construction safety standards, risk assessment and accident prevention - Experience in construction site safety management 	5
One (1) QA/QC Engineer	<ul style="list-style-type: none"> - Bachelor's Degree in Civil Engineering - Licensed Civil Engineer by PRC - Knowledge of quality assurance and quality control systems in construction - Familiarity with DPWH standards, ISO Systems or equivalent quality frameworks 	5



B. SECOND STEP PROCEDURE

Only those bids that passed the above qualifications and criteria shall be subjected to the second step of evaluation.

The BAC shall open the financial proposal of each “passed” bidder and shall evaluate it using non-discretionary criteria – including arithmetical corrections for computational errors – as stated in the Bidding Documents, and this determine the correct total calculated bid prices. The BAC shall automatically disqualify any total calculated bid price which exceeds the ABC. The total calculated bid prices (not exceeding the ABC) shall be ranked, in ascending order, from lowest to highest. The bid with the lowest total calculated bid price shall be identified as the Lowest Calculated Bid (LCB).

V. APPROVED BUDGET FOR THE CONTRACT (ABC)

The Approved Budget for the Contract (ABC) of the design and build of the International Standard 8-Lane Track & Field Oval and other Athletic Events Facilities is included in the Annual Procurement Plan (APP) of the Quezon City Government amounting to **NINETY-NINE MILLION THREE HUNDRED EIGHTY THOUSAND PESOS AND 00/100 ONLY (Php 99,380,000.00)**. The approved budget includes the cost of all taxes, such as but not limited to value added levies and duties. Any and all taxes, charges, imposts and other legal exactions due or that may become due under this contract shall be for the account of the Design and Build Contractor. QCG shall withhold applicable withholding taxes, if any, from its payment to the Design and Build Contractor in accordance with the requirements of the law.

The project cost shall be fixed and there shall be no price adjustments applicable for the duration of the contract. Pursuant to the provisions of RA 12009 and its IRR on contract price escalation, all contract price escalation shall be approved by the Government Procurement Policy Board (GPPB).



VI. PROJECT DURATION

The Total Project Duration shall be a maximum of **ONE HUNDRED AND EIGHTY-FIVE (185) Calendar Days** reckoned from seven (7) days upon receipt of Notice to Proceed.

The Design and Build Contractor shall deliver the completed project to the Quezon City Local Government Unit within the Total Project Duration, which shall signify its approval or comments for revision, alteration or modification, if any, before acceptance of the Project.

In any case of force majeure that would prevent the Design and Build Contractor from conducting their responsibilities, suspension of any working days shall be reviewed only by the QCG and approved after the submission of a written request by the Design and Build Contractor. The approval of the request shall be the reckoning point of the suspension of the working day period indicated in the written communication.

A notice from the QCG shall be issued to the Design and Build Contractor on the resumption of the running working day period.

VII. TERMS OF PAYMENT

The Design and Build Contractor shall be compensated based on the actual scope of work completed and upon submission of all required deliverables, with prior approval by the QCG, and other supporting documents. Payments shall be subject to the usual government accounting and auditing rules and regulations, as well as applicable tax deductions, including a two percent (2%) Expanded Withholding Tax (EWT) and a five percent (5%) Final Withholding Value-Added Tax (VAT).

All payments shall be processed and released within a reasonable period following the submission of complete and satisfactory documentation. Progress payments are subject to retention of ten percent (10%), referred to as retention money, as stated in Section 71.2.8 of the IRR of RA 12009.

DELIVERABLES	% OF CONTRACT PRICE
I - Design Phase	
Upon submission of Approved Conceptual Design Plan	2%
II - Implementation Phase	
1 st billing - 50% accomplishment	35%
2 nd billing - 100% accomplishment	33%
3 rd billing – Dry run, testing and commission, final run	20%
Post-Implementation Phase Turnover of project documents, As-built plans	10%
Total	100%



VIII. WARRANTY

A. DESIGN WARRANTY

1. The Design and Build Contractor warrants that all architectural and engineering designs, plans, drawings and specifications are in full conformity with the National Building Code of the Philippines, and other applicable national and local regulations.
2. The Design and Build Contractor guarantee that the design outputs are technically sound, functionally appropriate and meet all required performance, safety and accessibility standards.
3. The Design and Build Contractor shall be liable for any design errors, deficiencies or omissions that may result in construction delays, increased costs, safety hazards or non-compliance with legal and regulatory requirements. The Design and Build Contractor shall revise or rectify such errors at no cost to the QCG within a reasonable timeframe.
4. Design-related liability shall extend for a period of fifteen (15) years from project completion, in accordance with Article 1723 of the Civil Code of the Philippines, particularly for structural or life safety issues arising from design defects.

B. CONSTRUCTION WARRANTY

1. The Design and Build Contractor warrants that all construction works performed under the Build component of the contract shall be completed in accordance with approved plans, specifications, applicable laws and relevant standards.
2. The Design and Build Contractor guarantee that all materials, labor and equipment used in the construction are of high quality and free from defects in workmanship or performance.
3. The Design and Build Contractor shall be responsible for correcting, at its own cost, any construction defects or failures in materials and workmanship that appear within one (1) year from the date of final acceptance by the QCG. Repairs must be undertaken promptly and without delay to operations.
4. The Design and Build Contractor shall also turn over to the QCG all manufacturer warranties on equipment, mechanical systems, and materials used in the project. These warranties shall take effect upon project turn-over and acceptance.
5. The Design and Build Contractor warrants, represents and commits to delivering services of high reliability and professional standards. It shall ensure that its personnel are qualified, dependable and hardworking, and fully capable of executing the required services to the satisfaction of the QCG. The Design and Build Contractor shall employ only competent, honest and well-mannered staff who must display proper identification while performing duties within the project site. Under no circumstances shall the Design and Build Contractor engage any QCG employee, or their relatives, in any capacity related to this project.



6. The Design and Build Contractor shall observe and implement all established occupational health and safety practices. Its personnel shall exercise due diligence and take all necessary precautions to ensure the safety of individuals and the protection of property in and around the work area.
7. The Design and Build Contractor shall not assign, transfer, pledge or subcontract any portion or interest in this contract without prior written consent from the QCG.
8. In the event of a contract extension, the Design and Build Contractor agrees to continue providing its services at no additional cost to the QCG, unless otherwise approved in writing by the latter.

IX. GENERAL CONDITIONS

- a. The Design and Build Contractor warrants that it shall conform strictly to the terms and conditions of these terms of reference, including abiding by best practices and respecting standards and guidelines of international agencies, bodies, and organizations.
- b. The Design and Build Contractor shall be solely responsible for the integrity of all research works, detailed engineering design and the performance of structure irrespective of the approval/ confirmation by the Quezon City QCG.
- c. The Design and Build Contractor shall deploy personnel having professional experience compatible with the undertaking. They shall also provide and maintain temporary office and living quarters for their project personnel with equipment, supplies, first aid cabinet and other utilities.
- d. The Design and Build Contractor shall warrant, represent and undertake reliability of the service and that their manpower complements are hardworking, qualified/reliable and dedicated to do the service required to the satisfaction of the Quezon City Local Government Unit. It shall employ well behaved and honest employees with IDs displayed conspicuously while working within the compound. It shall ensure that its workers/employees will not loiter in other areas, or otherwise interfere or interact with the complex goes within the vicinity of the Amoranto Sports Complex.
- e. The Design and Build Contractor's employees shall strictly follow the rules and policies in the operation of the Amoranto Sports Complex.
- f. The Design and Build Contractor shall comply with the laws governing employees' compensation, Phil Health, Social Security and labor standards.
- g. The Design and Build Contractor's personnel shall take all necessary precautions for the safety of all persons and properties at or near their area of work and shall comply with all the standards and established safety regulations, rules and practices.
- h. The Design and Build Contractor shall report to the QCG any conditions which may prevent it from performing the work according to requirements.



- i. The construction shall be finished with world class workmanship in reference with the EN Safety Standards and to the satisfaction of the Quezon City Local Government Unit, Amoranto Sports Complex and its Stakeholders.
- j. The Design and Build Contractor, before commencing work, shall examine the proposed location of the project and all adjoining areas on which this work is, in any way, dependent for perfect workmanship according to the intent of these specifications.
- k. All relevant permits and corresponding fees as may be assessed by the local government units/regulating agencies shall be for the account of the Design and Build Contractor.
- l. The Design and Build Contractor shall store his materials, equipment and tools in one place of the site. The area shall be coordinated with the QCG and Amoranto Sports Complex. It shall be kept neat and clean at all times. Any damage thereto or to the surrounding area/s arising from accident, paint, spills, etc. shall be repaired and/or restored to its original condition. Likewise, extra care shall be taken in the storage of hazardous chemicals (paints, thinners, lacquers, oils, solvents, etc.) to avoid accidents, explosions and/or fires. Oily rags, solvent-soaked foams, paint brushes and rollers shall be kept in a metal container tightly sealed and shall be cleaned and/or removed from the job site at the end of every working day.
- m. The Design and Build Contractor shall be responsible for the electric, water, sewage, and other utility connection needs of the International Standard 8-Lane Track & Field Oval and other Athletics Event Facilities and shall be tapped from utility service providers.
- n. The Design and Build Contractor shall not assign, transfer, pledge any part nor interest in this project. Subcontracting, however, may be allowed provided that the former shall retain responsibility for the full compliance of all applicable provisions of this TOR.
- o. The Design and Build Contractor shall be liable for any loss, damage, or injury as may be due directly through the fault or negligence of its personnel. It shall assume sole and exclusive responsibility therefore, and the Amoranto Sports Complex shall be specifically released from any responsibility arising therefrom.
- p. The Design and Build Contractor shall assume responsibility for the following:
 - Softscape: 1 year warranty
 - Workmanship of structures: one (1) year warranty
 - Training of initial personnel and one (1) year consultation on training guides

X. OWNERSHIP OF DOCUMENTS AND CONFIDENTIALITY OF DATA AND INFORMATION

- a. The ownership of all designs, drawings, specifications and copies including electronic files prepared by the Design and Build Contractor shall be vested in the QCG.
- b. All data and information related to this project shall be treated with strict confidentiality and shall not be released without consent of the QCG.
- c. The Design and Build Contractor, its affiliates and subcontractors shall abide by and comply with all applicable laws, rules and regulations of any Philippine Government or regulatory body having jurisdiction over their professional practice and the services provided in this agreement.



- d. The Design and Build Contractor, its employees and subcontractors shall not enter into business arrangements with the contractors, or receive any commission, fees and favors in the form of substantial gifts or entertainment from contractors.

XI. CAVEAT

The work under this TOR and its attachments shall be solely used by the prospective bidders in preparation of their respective bids/proposals for the Design and Build of the f International Standard 8-Lane Track & Field Oval and Other Athletic Events Facilities at Amoranto Sports Complex. Hence, bidding procedures shall follow the relevant provisions of the New Government Procurement Reform Act (RA 12009) and its IRR on the procurement of design and build infrastructure projects.

Furthermore, the procuring entity does not guarantee that the data are sufficient and up-to-date to the project at hand. The winning Design and Build Contractor shall be responsible for the accuracy, completeness, and applicability of all data and information to be used in their work once chosen. They shall be responsible for all the necessary studies, documents, information, and equipment pertinent to the production of the plans and reports. They shall likewise submit any other necessary and relevant research, study, data or report that may be reasonably requested by QCG.

Other works not mentioned in this document but necessary to complete the works are considered included in the bid submission. It is the bidders' responsibility to anticipate and include other items missed-out in these terms of reference.

XII. CANCELLATION / TERMINATION OF CONTRACT

The contract of the Design and Build services of the project may be terminated by the QCG upon notice of any violation of the terms of the memorandum of agreement or resulting Contract and shall be subject to Section 71.4.1 of the IRR of RA 12009. In contracts of Infrastructure Projects, the QCG shall terminate the contract for breach thereof when any of the following conditions are present:

- a. Due to the Design and Build Contractor's fault and while the project is ongoing, it has incurred negative slippage of fifteen percent (15%) or more in accordance with Presidential Decree 1870, s. 1983;
- b. Due to the Design and Build Contractor's fault after the contract time has expired, it has incurred a negative slippage of ten percent (10%) or more in the completion of the work;
- c. The Design and Build Contractor abandons the contract works, plainly demonstrates an intention not to continue the performance of its obligations under the contract, refuses or fails to comply with QCG's instructions, or fails to proceed expeditiously and without delay despite a written notice by the QCG;
- d. When the Design and Build Contractor, without reasonable excuse, fails to comply with the Notice of Rejection given by the Project Engineer that, after examination therein, the Infrastructure Project is found to be defective or otherwise not in accordance with the Contract, or a Project Engineer's instruction to conduct remedial work, within 30 days after receiving the said notice;
- e. The Design and Build Contractor does not actually have on the project site the minimum essential equipment listed on the Bid necessary to prosecute the Works in accordance with the approved work plan and equipment deployment schedule as required for the project;



Republic of the Philippines
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- f. The Design and Build Contractor does not execute the Works in accordance with the contract or persistently or flagrantly neglects to carry out its obligations under the contract;
- g. The Design and Build Contractor neglects or refuses to remove materials or to perform a new work that has been rejected as defective or unsuitable;
- h. The Design and Build Contractor subcontracts any part of the contract works without approval by the QCG; or
- i. The Design and Build Contractor becomes bankrupt or insolvent; goes into liquidation, administration, reorganization, winding-up, or dissolution; becomes subject to the appointment of a liquidator, receiver, administrator, manager, or trustee; enters into a composition or arrangement with the contractor's creditors; or any act is done or any event occurs which is analogous to or has a similar effect to any of these acts or events under applicable laws.

In case of pre-termination, the Design and Build Contractor shall be informed by the QCG within SEVEN (7) Calendar Days prior to such termination.

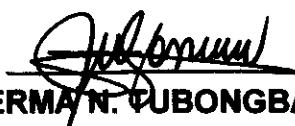
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