

PHILIPPINE BIDDING DOCUMENTS

Procurement of CONSULTING SERVICES

Government of the Republic of the Philippines

***CONSULTING SERVICES FOR STRUCTURAL AND SEISMIC
ASSESSMENT OF THE SEVEN (7) STOREY BUILDING – DISTRICT 3
MINI CITY HALL AT BARANGAY MARILAG***

Project No.: CONSUL-22-002

Approved Budget for the Contract:

*One Million Thirty-Six Thousand Five Hundred Forty-Two Pesos and 50/100 Cts.
(Php 1,036,542.50)*

**Fifth Edition
August 2016**

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Consulting Services through Competitive Bidding have been prepared by the Government of the Philippines (GoP) for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the Government, including government-owned and/or -controlled corporations (GOCCs), government financial institutions (GFIs), state universities and colleges (SUCs), local government units (LGUs), and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the GoP or the World Bank or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act 9184 (R.A. 9184).

The Bidding Documents shall clearly and adequately define, among others: (a) the objectives, scope, and expected outputs and/or results of the proposed contract; (b) the minimum eligibility requirements of bidders, such as track record to be determined by the Head of the Procuring Entity; (c) the expected contract duration, delivery schedule and/or time frame; and (d) the obligations, duties, and/or functions of the winning bidder.

In order to simplify the preparation of the Bidding Documents for each procurement, the PBDs groups the provisions that are intended to be used unchanged in Section II. Eligibility Documents of Part I; and **Error! Reference source not found.** (ITB) and **Error! Reference source not found.** (GCC) of Part II. Data and provisions specific to each procurement and contract should be included in Section III. Eligibility Data Sheet (EDS) of Part I, **Error! Reference source not found.** (BDS), and **Error! Reference source not found.** (SCC) of Part II. The forms to be used are provided in the attachments.

Care should be taken to check the relevance of the provisions of the Bidding Documents against the requirements of the specific Consulting Services to be procured. The following general directions should be observed when using the documents:

- (a) All the documents listed in the Table of Contents are normally required for the procurement of Consulting Services. However, they should be adapted as necessary to the circumstances of the particular Project.
- (b) These PBDs are divided into Part I and Part II, which shall be both made available from the time the Request for Expression of Interest is first advertised/posted until the deadline for the submission and receipt of bids
- (c) Specific details, such as the “name of the Procuring Entity” and “address for proposal submission,” should be furnished in the EDS, BDS, and SCC. The final documents should contain neither blank spaces nor options.
- (d) This Preface and the footnotes or notes in italics included in the Request for Expression of Interest, EDS, BDS, SCC, Terms of Reference, and Appendices are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow. The Bidding Documents should contain no footnotes except **Error! Reference source not found.** of Part II since these provide important guidance to Bidders.
- (e) The criteria for evaluation and the various methods of evaluation in the ITB should be carefully reviewed. Only those that are selected to be used for the procurement in question should be retained and expanded, as required in the BDS. The criteria that are not applicable should be deleted from the BDS.
- (f) The cover should be modified as required to identify the Bidding Documents as to the names of the Project, Contract, and Procuring Entity, in addition to date of issue.

- (g) If modifications must be made to bidding procedures, they can be presented in the BDS. Modifications for specific Project or Contract should be provided in the SCC as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the EDS, BDS, or SCC these terms shall be printed in bold type face on Section II. Eligibility Documents, Section I. Instructions to Bidders, and Section III. General Conditions of Contract, respectively.

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Section I. Request for Expression of Interest

Notes on Request for Expression of Interest

The Request for Expression of Interest provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The Request for Expression of Interest shall be:

- (a) Posted continuously in the Philippine Government Electronic Procurement System (PhilGEPS) website and the website of the Procuring Entity concerned, if available, and the website prescribed by the foreign government/foreign or international financing institution, if applicable, seven (7) calendar days starting on the date of advertisement; and
- (b) Posted at any conspicuous place reserved for this purpose in the premises of the Procuring Entity concerned for seven (7) calendar days, as certified by the head of the Bids and Awards Committee (BAC) Secretariat of the Procuring Entity concerned.
- (c) Advertised at least once in a newspaper of general nationwide circulation which has been regularly published for at least two (2) years before the date of issue of the advertisement, subject to Sections 21.2.1(c) of the IRR of R.A. 9184¹;

Apart from the essential items listed in the Bidding Documents, the Request for Expression of Interest should also indicate the following:

- (a) The date of availability of the Bidding Documents, the place where it may be secured and the deadline for submission of the Expression of Interest (EOI) together with the application for eligibility;
- (b) The set of criteria and rating system for short listing of prospective bidders to be used for the particular contract to be Bid, which shall consider the following, among others:
 - (i) Applicable experience of the consultant and members in case of joint ventures, considering both the overall experiences of the firms or, in the case of new firms, the individual experiences of the principal and key staff, including the times when employed by other consultants;
 - (ii) Qualification of personnel who may be assigned to the job vis-à-vis extent and complexity of the undertaking; and
 - (iii) Current workload relative to capacity;

¹ Two years after effectivity of the 2016 Revised IRR of RA 9184 on **28 October 2016**, advertisement in a newspaper of general nationwide circulation shall no longer be required. However, a Procuring Entity that cannot post its opportunities in the PhilGEPS for justifiable reasons shall continue to publish its advertisements in a newspaper of general nationwide circulation.

(c) The number of consultants to be short listed and the procedure to be used in the evaluation of Bids of short listed consultants, *i.e.*, QBE or QCBE; and if QCBE, the weights to be allocated for Technical and Financial Proposals; and

(d) The contract duration.

In the case of WB funded projects, the Request for Expression of Interest shall be sent to all who have expressed an interest in undertaking the services as a result of any General Procurement Notice issued. In addition, it shall also be sent to all heads of associations of consultants within the area where the project will be undertaken.



REPUBLIC OF THE PHILIPPINES
QUEZON CITY GOVERNMENT



BIDS AND AWARDS COMMITTEE FOR INFRASTRUCTURE & CONSULTANCY

2nd floor, Finance Building, Procurement Department, Quezon City Hall Complex, Elliptical Road, Quezon City

April 22, 2022

REQUEST FOR EXPRESSION OF INTEREST FOR

***CONSULTING SERVICES FOR STRUCTURAL AND SEISMIC
ASSESSMENT OF THE SEVEN (7) STOREY BUILDING – DISTRICT 3
MINI CITY HALL AT BARANGAY MARILAG***

1. The *Quezon City Local Government*, through the Trust Fund intends to apply the sum of *One Million Thirty-Six Thousand Five Hundred Forty-Two Pesos and 50/100 Cts. (Php 1,036,542.50)* being the Approved Budget for the Contract (ABC) to payments under the contract for *project number CONSUL-22-002*. Bids received in excess of the ABC shall be automatically rejected at the opening of the financial proposals.
2. The *Quezon City Local Government* now calls for the submission of eligibility documents for *Consulting Services for Structural and Seismic Assessment of the Seven (7) Storey-Building – District 3 Mini City Hall at Barangay Marilag*. Eligibility documents of interested consultants must be duly received by the BAC Secretariat on or before **May 4, 2022 – 10:00AM.** at **2nd Floor, Procurement Department-Bidding Room, Finance Building, Quezon City Hall Compound.**

Eligibility Check will be on **May 4, 2022– 1:00 PM.** at **2nd Floor, Procurement Department-Bidding Room, Finance Building, Quezon City Hall Compound**, simultaneously via Zoom (virtual platform). Applications for eligibility will be evaluated based on a non-discretionary “pass/fail” criterion.

Virtual Conference (ZOOM APP)

Meeting ID: 810 3646 5257

Password: 201522

3. Interested bidders may obtain further information from *Quezon City Local Government* and inspect the Bidding Documents at the address given below during *8:00 a.m. – 5:00 p.m.*
4. A complete set of Bidding Documents may be acquired by interested Bidders on **April 25, 2022** from the address below upon submission of the following:
 - 4.1 PhilGEPS Registration Certificate (Platinum – 3 Pages)
 - 4.2 Printed Document Request List (DRL) from the Philippine Government Electronic Procurement System (PhilGEPS) website
 - 4.3 Notarized Joint Venture Agreement (if applicable)
 - 4.4 Letter of Intent

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity.

5. The BAC shall draw up the short list of consultants from those who have submitted Expression of Interest, including the eligibility documents, and have been determined as eligible in accordance with the provisions of Republic Act 9184 (RA 9184), otherwise known as the “Government Procurement Reform Act”, and its Implementing Rules and Regulations (IRR). The shortlist shall not exceed three (3) prospective bidders who will be entitled to submit bids. The criteria and rating system for short listing are:

CRITERIA	RATING
Applicable experience of the consultant	60 points
Qualification of personnel	30 points
Current workload relative to capacity	10 points

6. Bidding will be conducted through open competitive bidding procedures using non-discretionary “pass/fail” criterion as specified in the IRR of RA 9184. Bidding is restricted to Filipino citizens/sole proprietorships, cooperatives, and partnerships or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines.
7. The Procuring Entity shall evaluate bids using the Quality-Cost Based Evaluation/Selection (QCBE/QCBS). The criteria and rating system for the evaluation of bids shall be provided in the Instructions to Bidders.
8. The contract shall be completed in accordance with the Terms of Reference.
9. The **Quezon City Local Government** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.
10. For further information, please refer to:

ATTY. DOMINIC B. GARCIA

OIC, Procurement Department

2nd Floor, Procurement Department,

Finance Building, Quezon City Hall Compound

Elliptical Road, Barangay Central Diliman, Quezon City.

Tel. No. (02)8988-4242 loc. 8506/8710

Email Add: bacinfra.procurement@quezoncity.gov.ph

Website: www.quezoncity.gov.ph

By:


ATTY. MARK DALE DIAMOND P. PERRAL
 Chairman BAC-Infra and Consultancy

Section II. Eligibility Documents

Notes on the Eligibility Documents

This Section provides the information necessary for prospective bidders to prepare responsive Eligibility Documents in accordance with the requirement of the Procuring Entity.

The provisions contained in this Section are to be used unchanged. Additional information or requirements specific to each procurement shall be specified in the EDS.

1. Eligibility Criteria

- 1.1. The following persons/entities shall be allowed to participate in the bidding for Consulting Services:
 - (a) Duly licensed Filipino citizens/sole proprietorships;
 - (b) 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;
 - (c) 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;
 - (d) Cooperatives duly organized under the laws of the Philippines; or
 - (e) Persons/entities forming themselves into a joint venture, *i.e.*, a group of two (2) or more persons/entities that intend to be jointly and severally responsible or liable for a particular contract: Provided, however, That Filipino ownership or interest thereof shall be at least sixty percent (60%). For this purpose, Filipino ownership or interest shall be based on the contributions of each of the members of the joint venture as specified in their JVA.
- 1.2. When the types and fields of Consulting Services involve the practice of professions regulated by law, those who will actually perform the services shall be Filipino citizens and registered professionals authorized by the appropriate regulatory body to practice those professions and allied professions specified in the **EDS**.
- 1.3. If the Request for Expression of Interest allows participation of foreign consultants, prospective foreign bidders may be eligible subject to the conditions stated in the **EDS**.
- 1.4. Government owned or –controlled corporations (GOCCs) may be eligible to participate only if they can establish that they (a) are legally and financially autonomous, (b) operate under commercial law, and (c) are not attached agencies of the Procuring Entity.

2. Eligibility Requirements

- 2.1. The following eligibility requirements, together with the Eligibility Documents Submission Form, shall be submitted on or before the date of the eligibility check specified in the Request for Expression of Interest and Clause 5 for purposes of determining eligibility of prospective bidders:
 - (a) Class “A” Documents –

Legal Documents
 - (i) PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or Post, which shall submit their eligibility documents under Section 24.1 of the IRR, provided, that the winning Consultant shall

register with PhilGEPS in accordance with Section 37.1.4 of the IRR;

Technical Documents

- (ii) Statement of the prospective bidder of all its ongoing and completed government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid, within the relevant period provided in the **EDS**. The statement shall include, for each contract, the following:
 - (ii.1) the name and location of the contract;
 - (ii.2) date of award of the contract;
 - (ii.3) type and brief description of consulting services;
 - (ii.4) consultant's role (whether main consultant, subconsultant, or partner in a JV)
 - (ii.5) amount of contract;
 - (ii.6) contract duration; and
 - (ii.7) certificate of satisfactory completion or equivalent document specified in the **EDS** issued by the client, in the case of a completed contract;
- (iii) Statement of the consultant specifying its nationality and confirming that those who will actually perform the service are registered professionals authorized by the appropriate regulatory body to practice those professions and allied professions in accordance with Clause 1.2, including their respective curriculum vitae.

(b) Class "B" Document –

If applicable, the Joint Venture Agreement (JVA) in case the joint venture is already in existence, or duly notarized statements from all the potential joint venture partners in accordance with Section 24.1(b) of the IRR of RA 9184.

- 2.2. The eligibility requirements or statements, the bids, and all other documents to be submitted to the BAC must be in English. If the eligibility requirements or statements, the bids, and all other documents submitted to the BAC are in foreign language other than English, it must be accompanied by a translation of the documents in English. The documents shall be translated by the relevant foreign government agency, the foreign government agency authorized to translate documents, or a registered translator in the foreign bidder's country; and shall be authenticated by the appropriate Philippine foreign service establishment/post or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. The English translation shall govern, for purposes of interpretation of the bid.
- 2.3. Prospective bidders may obtain a full range of expertise by associating with individual consultant(s) and/or other consultants or entities through a JV or subcontracting arrangements, as appropriate. However, subconsultants may only participate in the bid of one short listed consultant. Foreign Consultants shall seek

the participation of Filipino Consultants by entering into a JV with, or subcontracting part of the project to, Filipino Consultants.

3. Format and Signing of Eligibility Documents

- 3.1. Prospective bidders shall submit their eligibility documents through their duly authorized representative on or before the deadline specified in Clause 5.
- 3.2. Prospective bidders shall prepare an original and copies of the eligibility documents. In the event of any discrepancy between the original and the copies, the original shall prevail.
- 3.3. The Eligibility Documents Submission Form shall be signed by the duly authorized representative/s of the Bidder. Failure to do so shall be a ground for the rejection of the eligibility documents.
- 3.4. Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s of the prospective bidder.

4. Sealing and Marking of Eligibility Documents

- 4.1. Prospective bidders shall enclose their original eligibility documents described in Clause 2.1, in a sealed envelope marked “ORIGINAL – ELIGIBILITY DOCUMENTS”. Each copy thereof shall be similarly sealed duly marking the envelopes as “COPY NO. ____ - ELIGIBILITY DOCUMENTS”. These envelopes containing the original and the copies shall then be enclosed in one single envelope.
- 4.2. The original and the number of copies of the eligibility documents as indicated in the **EDS** shall be typed or written in ink and shall be signed by the prospective bidder or its duly authorized representative/s.
- 4.3. All envelopes shall:
 - (a) contain the name of the contract to be bid in capital letters;
 - (b) bear the name and address of the prospective bidder in capital letters;
 - (c) be addressed to the Procuring Entity’s BAC specified in the **EDS**;
 - (d) bear the specific identification of this Project indicated in the **EDS**; and
 - (e) bear a warning “DO NOT OPEN BEFORE...” the date and time for the opening of eligibility documents, in accordance with Clause 5.
- 4.4. Eligibility documents that are not properly sealed and marked, as required in the bidding documents, shall not be rejected, but the bidder or its duly authorized representative shall acknowledge such condition of the documents as submitted. The BAC shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked eligibility documents, or for its premature opening.

5. Deadline for Submission of Eligibility Documents

Eligibility documents must be received by the Procuring Entity’s BAC at the address and on or before the date and time indicated in the Request for Expression of Interest and the **EDS**.

6. Late Submission of Eligibility Documents

Any eligibility documents submitted after the deadline for submission and receipt prescribed in Clause 0 shall be declared “Late” and shall not be accepted by the Procuring Entity. The BAC shall record in the minutes of submission and opening of eligibility documents, the Bidder’s name, its representative and the time the eligibility documents were submitted late.

7. Modification and Withdrawal of Eligibility Documents

- 7.1. The prospective bidder may modify its eligibility documents after it has been submitted; provided that the modification is received by the Procuring Entity prior to the deadline specified in Clause 5. The prospective bidder shall not be allowed to retrieve its original eligibility documents, but shall be allowed to submit another set equally sealed, properly identified, linked to its original bid marked as “ELIGIBILITY MODIFICATION” and stamped “received” by the BAC. Modifications received after the applicable deadline shall not be considered and shall be returned to the prospective bidder unopened.
- 7.2. A prospective bidder may, through a letter of withdrawal, withdraw its eligibility documents after it has been submitted, for valid and justifiable reason; provided that the letter of withdrawal is received by the Procuring Entity prior to the deadline prescribed for submission and receipt of eligibility documents.
- 7.3. Eligibility documents requested to be withdrawn in accordance with this Clause shall be returned unopened to the prospective bidder concerned. A prospective bidder that withdraws its eligibility documents shall not be permitted to submit another set, directly or indirectly, for the same project. A prospective bidder that acquired the eligibility documents may also express its intention not to participate in the bidding through a letter which should reach and be stamped by the BAC before the deadline for submission and receipt of eligibility documents.

8. Opening and Preliminary Examination of Eligibility Documents

- 8.1. The BAC will open the envelopes containing the eligibility documents in the presence of the prospective bidders’ representatives who choose to attend, at the time, on the date, and at the place specified in the **EDS**. The prospective bidders’ representatives who are present shall sign a register evidencing their attendance.

In case the submitted eligibility envelopes cannot be opened as scheduled due to justifiable reasons, the BAC shall take custody of the said envelopes and reschedule the opening on the next working day or at the soonest possible time through the issuance of a Notice of Postponement to be posted in the PhilGEPS website and the website of the Procuring Entity concerned.

- 8.2. Letters of withdrawal shall be read out and recorded during the opening of eligibility documents and the envelope containing the corresponding withdrawn eligibility documents shall be returned unopened to the withdrawing prospective bidder.
- 8.3. The eligibility documents envelopes and modifications, if any, shall be opened one at a time, and the following read out and recorded:
 - (f) the name of the prospective bidder;
 - (g) whether there is a modification or substitution; and
 - (h) the presence or absence of each document comprising the eligibility documents vis-à-vis a checklist of the required documents.

- 8.4. The eligibility of each prospective bidder shall be determined by examining each bidder's eligibility requirements or statements against a checklist of requirements, using non-discretionary "pass/fail" criterion, as stated in the Request for Expression of Interest, and shall be determined as either "eligible" or "ineligible." If a prospective bidder submits the specific eligibility document required, he shall be rated "passed" for that particular requirement. In this regard, failure to submit a requirement, or an incomplete or patently insufficient submission, shall be considered "failed" for the particular eligibility requirement concerned. If a prospective bidder is rated "passed" for all the eligibility requirements, he shall be considered eligible to participate in the bidding, and the BAC shall mark the set of eligibility documents of the prospective bidder concerned as "eligible." If a prospective bidder is rated "failed" in any of the eligibility requirements, he shall be considered ineligible to participate in the bidding, and the BAC shall mark the set of eligibility documents of the prospective bidder concerned as "ineligible." In either case, the BAC chairperson or his duly designated authority shall countersign the markings.

9. Short Listing of Consultants

- 9.1. Only prospective bidders whose submitted contracts are similar in nature and complexity to the contract to be bid as provided in the **EDS** shall be considered for short listing.
- 9.2. The BAC shall draw up the short list of prospective bidders from those declared eligible using the detailed set of criteria and rating system to be used specified in the **EDS**.
- 9.3. Short listed consultants shall be invited to participate in the bidding for this project through a Notice of Eligibility and Short Listing issued by the BAC.

10. Protest Mechanism

Decision of the Procuring Entity at any stage of the procurement process may be questioned in accordance with Section 55 of the IRR of RA 9184.

Section III. Eligibility Data Sheet

Notes on the Eligibility Data Sheet

This Section is intended to assist the Procuring Entity in providing the specific information and requirements in relation to corresponding clauses in the Eligibility Documents, and has to be prepared for each specific procurement.

The Procuring Entity should specify in this Section the information and requirements specific to the circumstances of the Procuring Entity, the processing of the eligibility, and the rules that will apply in the determination and evaluation of eligibility.

In preparing this Section, the following aspects should be checked:

- (a) Information that specifies and complements provisions of the Eligibility Documents must be incorporated.
- (b) Amendments and/or supplements, if any, to provisions of the Eligibility Documents as necessitated by the circumstances of the specific procurement, must also be incorporated.

Eligibility Data Sheet

Eligibility Documents	
1.2	<i>CONSULTING SERVICES FOR STRUCTURAL AND SEISMIC ASSESSMENT OF THE SEVEN (7) STOREY BUILDING – DISTRICT 3 MINI CITY HALL AT BARANGAY MARILAG</i>
1.3	No further instructions.
2.19(a)(i)	The Bidder shall also submit the following “Class A” documents with the Valid PhilGEPS Certificate of Registration: <ol style="list-style-type: none"> 1. Valid DTI Registration Certificate or SEC Registration 2. Valid Mayor’s/Business Permit or its Equivalent Document; 3. Valid Tax Clearance; 4. Audited Financial Statement for the last two (2) consecutive years
2.1(a)(ii)	The statement of all ongoing and completed government and private contracts shall include all such contracts within <i>five (5) years</i> prior to the deadline for the submission and receipt of eligibility documents.
2.1(a)(ii.7)	Certificate of Satisfactory Completion or equivalent document issued by the client, in case of a completed contract, shall be acceptable
4.2	Each prospective bidder shall submit one (1) original and one (1) copy of its eligibility documents.
4.3 (c)	<i>State the Bids and Awards Committee of the Procuring Entity concerned with the Project.</i> <i>Procurement Department 2nd Floor, Finance Building, Quezon City Hall Compound, Barangay Central, Quezon City</i>
4.3 (d)	<i>State specific details concerning the identification of the Project</i> <i>Request for Expression of Interest</i> <i>CONSUL-22-002 – Consulting Services for Structural and Seismic Assessment of the Seven (7) Storey Building – District 3 Mini City Hall at Barangay Marilag</i>
5	The address for submission of eligibility documents is: <i>QUEZON CITY GOVERNMENT</i> Quezon City Hall Compound Barangay Central, Quezon City <i>ATTY. DOMINIC B. GARCIA</i> <i>Procurement Department 2nd Floor, Finance Building, Quezon City Hall Compound, Barangay Central, Quezon City 8988-4242 loc. 8709/8710</i>

	<p><i>Email Add: bacinfra.procurement@quezoncity.gov.ph</i> <i>Website: www.quezoncity.gov.ph</i></p> <p>The deadline for submission of eligibility documents is on or before May 4, 2022 – 10:00AM.</p>
8.1	<p>The place of opening of eligibility documents is 2nd Floor, Finance Building, Quezon City Hall Compound, simultaneously via Zoom (virtual platform)</p> <p style="text-align: center;">Virtual Conference (ZOOM APP) Meeting ID: 810 3646 5257 Password: 201522</p> <p>The date and time of opening of eligibility documents is May 4, 2022– 1:00 PM.</p>
9.1	<p>Similar contracts shall refer to the same nature as the project to be bid.</p>
9.2	<p>1. Set of Criteria</p> <p>Among others:</p> <p>1.1 Experience of the consultant – 60%</p> <p>1.2 Qualification of personnel to be assign – 30%</p> <p>1.3 Current work load in relations to capacity- 10%</p> <p>2. Rating System</p> <p>2.1 Shortlisted consultant must obtain a score of 70% or higher</p>



**TERMS OF REFERENCE
FOR THE
STRUCTURAL AND SEISMIC ASSESSMENT OF THE
SEVEN (7) STOREY OFFICE BUILDING - DISTRICT 3 MINI CITY HALL
AT BARANGAY MARILAG, DISTRICT III**

1.0 INTRODUCTION

The "Big Ones" applies to a scenario wherein movements along the Valley Fault System (VFS) could trigger a 7.2 magnitude quake. The VFS is composed of two (2) fault segments:

1. The 10-kilometer-long East Valley Fault (EVF) in Rizal; and
2. The 100-kilometer-long West Valley Fault (WVF) that runs through different cities and towns of Bulacan, Rizal, Metro Manila and Cavite.

The Philippine Institute of Volcanology and Seismology (Phivolcs) in partnership with Geosciences Australia under the Risk Analysis Project (RAP) conducted a study on WVF. It was stated that if a 7.2 earthquake originates from the WVF, Quezon City and Manila will have the highest number of casualties.

The proposed rehabilitation of the Seven (7) Storey Office Building – District 3 Mini City Hall with a total area of approximately 2,141.70 square meter located in Barangay Marilag, District III, was traced to be eight hundred fifty-eight meters (858 m) from the nearest active fault trace (Valley Fault System) approximately. It is vulnerable to earthquakes with higher number of casualties and a larger property loss as seen in numerous earthquake cases.

2.0 RATIONALE

The Proposed Seven (7) Storey Office Building – District 3 Mini City Hall that is proposed to be rehabilitated was previously approved for construction by the Department of the Building Official (DBO) as Five (5) Storey Apartment Building. However, during the course of due diligence for the purpose of the City Government, it was found that the structure built was a six (6) storey. It is imperative that a structural audit be conducted to ascertain the stability of the building for the safety of the occupants.

3.0 OBJECTIVES

3.1 GENERAL OBJECTIVES

To carry out a comprehensive structural and seismic assessment on the existing structure and record all data and elements with the most probable exactness and minimal disturbance to the neighborhood.

3.2 SPECIFIC OBJECTIVES

- 3.2.1 To establish possible deviations of the existing structural conditions from the original design analysis and considerations;
- 3.2.2 To validate the material strength of the existing structure in comparison with the available as-built plans and/or other structural documentary references specific for the subject structures; and

- 3.2.3 To provide a technical report including but not limited to as-built structural plans, structural analysis and calculations, comments and/or recommendations and certification pertaining to the structural stability and conformity of the existing structures with the National Structural Code of the Philippines (NSCP), and other related laws and ordinances applicable.

4.0 SCOPE OF CONSULTING SERVICES

The widespread damage specially to reinforced concrete buildings during earthquakes worldwide have opted the construction industries to revisit practices, thus recommend seismic evaluation and retrofitting (if found necessary) of the existing building.

A push over analysis will provide adequate information on seismic demands imposed by the design ground motion on the structural system and its components. It is a static non-linear analysis under permanent vertical loads and gradually increasing lateral loads. The equivalent static lateral loads approximately represent earthquake induced forces. A plot of the total base shear versus top displacement in a structure is obtained by this analysis that would indicate any premature failure or weakness.

The analysis procedure and criteria will be based on the existing codes and standards both local and international. ASCE / SEI 41-13 will be adopted for the seismic evaluation of the existing building. It will describe deficiency-based and systematic procedures to evaluate and retrofit existing buildings to withstand the effects of earthquakes. It has a three-tiered process for seismic evaluation according to the range of building performance levels.

The three-tiered process will be used for the seismic evaluation of existing structure which will cover:

4.1 TIER 1 – SCREENING PHASE

It is consisting of qualitative checklist statements that allows a rapid evaluation of the structural and non-structural and foundation / geologic hazard elements of the building and site conditions. It is used to assess primary components and connections in the seismic force resisting system, as well as nonstructural systems, in compliance with ASCE 41-13. The results, findings and recommendations will be the basis in the design analysis procedure in TIER 2.

- 4.1.1 Data gathering and preparation of list of all available documents (as-built structural plans, design analysis and calculation, etc.);
- 4.1.2 Preparation of as-built structural plans and other related documents, in cases where as-built structural plans, design analysis and calculations and other related documents are not available;
- 4.1.3 Perform design review based on geotechnical report, structural design criteria and technical specifications;
- 4.1.4 Ocular inspection as to structures physical condition attributing to:
 - 4.1.4.1 Structural distress and/or damages which may be attributed to recent earthquakes; and
 - 4.1.4.2 Significant alterations and deviations from the original Construction Plans and/or Documents.

4.1.5 Validation of materials used with reference to the structural plans on representative member(s) through non-destructive tests such as coring, rebound hammer and rebar scanning. If the results of the non-destructive tests are non-conclusive, the consultant/contractor may proceed with the destructive tests with due advice to the project proponent; and

4.1.6 Submission of Final Report for TIER 1 Analysis and Investigative Results, Findings and Recommendations.

4.2 TIER 2 – EVALUATION PHASE

A complete analysis of the building shall be performed with reference to the gathered data / information in TIER 1. Evaluation in this stage is intended to identify building(s) not requiring rehabilitation. If deficiencies are identified during this stage of evaluation, the consultant/contractor may either conclude the evaluation and report the deficiencies or recommend undertaking TIER 3 and conducting a detailed structural evaluation.

4.2.1 Preparation of a full three dimensional (3D) structural model using a reliable software such as but not limited to ETABS (linear analysis) utilizing the members indicated in the as-built drawings including foundation;

4.2.2 Evaluation of the stress levels applied in the structural members subjected to different load combinations including earthquake and wind forces;

4.2.3 Determination of structural adequacy through design analysis and calculation;

4.2.4 Investigation of the actual capacity of the representative structural elements through the respective laboratory testing. Any uncertainties on the actual capacity may necessitate for actual load testing on the particular representative structural elements;

4.2.5 Submission of Technical Report inclusive of the results of physical, theoretical and analytical investigations;

4.2.6 Issuance of Certification of Structural Stability on structures where deficiencies have not been identified; and

4.2.7 Submission of Final Report for TIER 1 and TIER 2 analysis inclusive of all Structural As-Built Drawings duly signed and sealed by a reputable and registered Civil/Structural Engineer.

4.3 TIER 3 – DETAILED EVALUATION PHASE (CONDITIONAL)

A comprehensive or detailed evaluation shall be undertaken after recognizing the deficiency (ies) in TIER 2. A Nonlinear Static Analysis Procedures (Push-over Analysis) shall be carried out to identify the areas that will require retrofitting and attain the life safety performance objective.

4.3.1 Carry out a Non-Linear Static Structural Analysis using Modal Pushover Method with an earthquake probability of 10% in 50 years equivalent to recurrence of 475 years on structures where deficiencies have been identified. The structure has to attain Life Safety Objective in this procedure;

4.3.2 Verification of the following:

4.3.2.1 Stiffness of the structure through Global Building Checks using indicative factors such as seismic inter-story drift or wind displacement; and

4.3.2.2 Limit State of the structure either force-controlled or deformation-controlled members through Component Level Checks.

Force-controlled actions are verified using strength procedures.

Deformation-controlled actions are verified using plastic rotations and compressive / tensile strains.

4.3.3 Recommendation on remedial measures to strengthen structural members that are found to be structurally inadequate to resist the anticipated stresses and deformations (if necessary) with consideration on the minimum disturbance on the use of structure;

4.3.4 Preparation of all Structural Retrofitting Drawings and related documents duly signed and sealed by a reputable and registered Civil/Structural Engineer for permitting and construction purposes;

4.3.5 During implementation / construction phase of retrofitting:

4.3.5.1 Attendance to weekly coordination meeting during design and construction phase;

4.3.5.2 Assistance to the Implementing Agency and other related trades in connection with Structural Details and Implementations;

4.3.5.3 Review and approval of shop-drawings and other submittals from the approved contractor during construction phase; and

4.3.5.4 Evaluation and recommendation on the tests results during construction.

4.3.6 Issuance of Certification of Structural Stability after remedial measures has been implemented.

5.0 DELIVERABLES

5.1 TIER 1 – SCREENING PHASE

5.1.1 Three (3) copies of Final Report for TIER 1 Analysis and Investigative Results, Findings and Recommendations duly signed and sealed by a reputable Civil/Structural Engineer.

5.2 TIER 2 – EVALUATION PHASE

5.2.1 Three (3) copies of Technical Report duly signed and sealed by a reputable Civil/Structural Engineer and shall include but not limited to the following:

5.2.1.1 Scope and intent;

5.2.1.2 Site and building data;

5.2.1.3 List of assumptions (material properties, site soil conditions, etc.);

5.2.1.4 Findings and recommendations; and

5.2.1.5 Appendices (references, material test results, calculations, checklists, summary data sheet and analysis procedure).

- 5.2.2 Addendum/updates on Structural drawings, as deemed necessary; and
- 5.2.3 Certification of Structural Stability on structures where deficiencies have not been identified.

5.3 TIER 3 – DETAILED EVALUATION PHASE (CONDITIONAL)

- 5.3.1 Three (3) copies of Final Report duly signed and sealed by a reputable Civil/Structural Engineer and shall include but not limited to the following:
 - 5.3.1.1 Scope and intent;
 - 5.3.1.2 Site and building data;
 - 5.3.1.3 List of assumptions (material properties, site soil conditions, etc.);
 - 5.3.1.4 Findings and recommendations; and
 - 5.3.1.5 Appendices (references, material test results, calculations, checklists, summary data sheet and analysis procedure).
- 5.3.2 Structural Retrofitting Drawings and other related documents for permitting and construction purposes;
 - 5.3.2.1 Eight (8) sets of Structural Retrofitting Drawings, blue print, duly signed and sealed a reputable Civil/Structural Engineer. Maximum of 15 sheets;
 - 5.3.2.2 Five (5) sets of Structural Design Analysis and Calculations duly signed and sealed a reputable Civil/Structural Engineer; and
 - 5.3.2.3 Five (5) sets of Structural Specifications duly signed and sealed a reputable Civil/Structural Engineer.
- 5.3.3 Certification of Structural Stability on structures after remedial measures has been implemented.

6.0 RESOURCE REQUIREMENTS

Recent earthquakes in which many concrete structures have been severely damaged or collapsed, have indicated the need for evaluating the seismic adequacy of existing buildings. Thus, calls for a comprehensive **STRUCTURAL AUDIT** for the above mentioned structure. The significance of the said building is a vast considering that it will serve as the Mini City Hall in District III. This activity will require technical experts to facilitate the necessary action(s).

A structural audit is an overall health and performance check-up of the buildings. It is vital to check, qualify and quantify the structural distress of the buildings inside and out to identify the real status of the building for the following purposes:

- 6.1 To save human life and building;
- 6.2 To find the critical areas for immediate repairs / retrofitting;
- 6.3 To enhance life cycle by preventive and corrective measures; and
- 6.4 To comply with the statutory requirements.

Structural Audit is executed by experienced and licensed professionals or group of professionals and it is found that the Implementing Agency has a limited capacity and resources in this aspect of proceedings. As a result, a necessity to outsource for the services to instantaneously address the needs and so not to affect the general public is hereby required.

The Implementing Agency shall designate a technical working group or professional(s) with the purpose of overseeing the progress of the entire activity inclusive of witnessing the data gathering, loading scheme and other related activities. The Contractor / Consultant is likewise required to submit the complete and detailed lists of equipment, instruments, tools and other related materials to be used in the undertakings.

7.0 PROJECT SCHEDULE AND APPROVED BUDGET FOR THE CONTRACT

The approved budget is shown below in respective phase(s) which 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 Contractor / Consultant. The Implementing Agency shall withhold applicable withholding taxes, if any, from its payments to the Contractor / Consultant in accordance with the requirements of the law.

I. TIER 1 & 2

Scope of Works	Budgetary Estimates (Php)	Duration (Calendar Days)
TIER 1 : SCREENING PHASE		
A. Ocular Inspection		60
1. Visual Inspection	30,000.00	
2. Horizontal and Vertical Check Survey	35,000.00	
B. Tests		
1. Concrete Strength Tests (7 Test Locations)	35,000.00	
2. Reinforcing Bar Strength Tests (7 Samples)	70,000.00	
3. Reinforcing Bar Scanning	53,542.50	
4. Concrete Break-out with Restoration (7 Samples)	105,000.00	
TIER 2 : EVALUATION PHASE		
Design Analysis (Linear Analysis) using three dimensional (3D) structural model with a reliable software such as but not limited to ETABS	214,000.00	25
TOTAL FOR TIER 1 & 2	542,542.50	

II. TIER 3 (OPTIONAL)

Scope of Works	Budgetary Estimates (Php)	Duration (Calendar Days)
TIER 3 : DETAILED EVALUATION PHASE		
A. DESIGN ANALYSIS		15
Design Analysis using Push-over Analysis Procedure	214,000.00	
AS DEEMED NECESSARY		
A. STRUCTURAL DRAWINGS		15
Structural Retrofitting Drawings, Structural Design Analysis and Calculations & Structural Specifications (maximum 30 sheets)	219,000.00	
B. MEETINGS / ASSISTANCE / SHOP-DRAWINGS		180
Attendance to Coordination Meeting / Assistance during Construction Phase / Approval to Shop Drawings	61,000.00	
SUB - TOTAL	494,000.00	
GRAND TOTAL	1,036,542.50	

8.0 TERMS OF PAYMENT

Relative to the deliverables, the following are the terms of payment:

TIER 1 & 2

- 15% - Upon receipt of Notice to Proceed (NTP)
- 55% - Progress Report
- 30% - Upon submission of Technical Report / Certification of Structural Stability

TIER 3 (CONDITIONAL)

- 50% - Progress Report
- 50% - Upon submission of Technical Report / Structural Retrofitting Drawings / Certification of Structural Stability

9.0 PROCUREMENT OF CONSULTING SERVICES

For the purpose of procuring the services of Consultant / Contractor for this undertaking, the Revised IRR of the Republic Act 9184 shall govern. An "Instruction to Bidders" (ITB) shall be issued detailing the requirements and procedures as provided in the IRR, which includes the following:

- a. The Quality-Cost based evaluation procedure shall be adopted in this bidding;

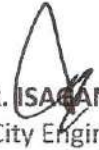
- b. The technical proposal together with the financial proposal shall be considered in the evaluation of consultant / contractor. The technical proposals shall be evaluated first using the following criteria:
- 9.1.1.1 Quality personnel to be assigned to the project which covers suitability of key staff to perform the duties of the particular assignments and general qualifications and competence including education and training of the key staff such as but not limited to Registered/Licensed Civil / Structural Engineer(s) (CE/StrE), Professional / Registered Electrical Engineer(s) (PEE / REE), Professional / Registered Mechanical Engineer(s) (PME / RME), Registered/Licensed Sanitary Engineer(s) (SE) and Registered/Licensed Architect(s);
 - 9.1.1.2 Experience and capability of the Consultant / Contractor which include records of previous engagement and quality performance in similar and in other projects; relationship with the previous and current clients and overall work commitments, geographical distribution of current / impending projects and attention to be given by the Consultant / Contractor. The experience of the Consultant / Contractor to the project shall be consider both the overall experiences of the firm and the individual experiences of the principal and key staff including the times when employed by other consultants; and
 - 9.1.1.3 Plan of approach and methodology with emphasis on the clarity, feasibility, innovativeness and comprehensiveness of the plan approach and the quality of interpretation of the project problems, risks and suggested solutions.
- 9.2 All conditions for recommendations shall be in consideration with the minimum disturbance to the occupants both on the subject structure and other nearby buildings;
- 9.3 All procedures shall be able to satisfy the “**LIFE SAFETY OBJECTIVE**” since the structure is one of the essential facilities;
- 9.4 The financial proposal of Consultant / Contractor who meet the minimum technical score shall be opened; and
- 9.5 In identifying the Highest Rated Bid, the Technical Proposal shall be given a weight 60% while the Financial Proposal shall have 40%.



ENGR. FREDISWINDA D.L. DE GUZMAN
Deputy, Program Development Unit



ENGR. LEO S. DEL ROSARIO
Head, Program Development Unit



ENGR. ISAGANI R. VERZOSA, JR.
OIC, City Engineer

ELIGIBILITY DOCUMENTS SUBMISSION FORM

[Date]

[Name and address of the Procuring Entity]

Ladies/Gentlemen:

In connection with your Request for Expression of Interest dated *[insert date]* for *[Title of Project]*, *[Name of Consultant]* hereby expresses interest in participating in the eligibility and short listing for said Project and submits the attached eligibility documents in compliance with the Eligibility Documents therefor.

In line with this submission, we certify that:

- a) *[Name of Consultant]* is not blacklisted or barred from bidding by the GoP or any of its agencies, offices, corporations, LGUs, or autonomous regional government, including foreign government/foreign or international financing institution; and
- b) Each of the documents submitted herewith is an authentic copy of the original, complete, and all statements and information provided therein are true and correct.

We acknowledge and accept the Procuring Entity's right to inspect and audit all records relating to our submission irrespective of whether we are declared eligible and short listed or not.

We further acknowledge that failure to sign this Eligibility Document Submission Form shall be a ground for our disqualification.

Yours sincerely,

Signature
Name and Title of Authorized Signatory
Name of Consultant
Address

“ANNEX B”

List of all Ongoing Government & Private Contracts including contracts awarded but not yet started

Business Name : _____

Business Address : _____

Name and Location of Project	Description of the Project	Date of Award of the Contract	Consultant's Role	Amount of Contract	Contract Duration
			Description		
<u>Government</u>					
<u>Private</u>					

Submitted by : _____

(Printed Name & Signature of Representative of Bidder)

Designation : _____

Date : _____

“ANNEX C”

List of Completed Government & Private Contracts within the last five (5) years

Business Name : _____
 Business Address : _____

Name and Location of Project	Description of the Project	Date of Award of the Contract	Consultant's Role	Amount of Contract	Contract Duration
			Description		
<u>Government</u>					
<u>Private</u>					

Attachments:

1. Certificate of satisfactory completion issued by the client

Submitted by : _____
 (Printed Name & Signature of Representative of Bidder)

Designation : _____

Date : _____

STATEMENT ON CITIZENSHIP & PROFESSIONAL REGISTRATION

Date of Issuance

Ma. Josefina G. Belmonte
Mayor
City of Quezon
Quezon City, Philippines

Attention : **The Chairperson**
Bids and Awards Committee

Dear Sir/Madame:

In compliance with the requirements of the (Name of the Procuring Entity) BAC for the bidding of the (Name of the Project), I hereby certify that:

I am a (Nationality) citizen wishing to participate in the bidding.
I have the technical and financial capabilities to satisfactorily render the required services.
I possess the required professional license issued by the professional Regulation Commission or other appropriate regulatory body (name of other regulatory body).

Very truly yours,

Name of Authorized Representative

Position

Name of the Bidder