



## Bid Notice Abstract

### Request for Quotation (RFQ)

**Reference Number** 9462257  
**Procuring Entity** CITY OF PASIG  
**Title** Soil Investigation for the Proposed Two (2) 8-Storey Building at Tawiran St., Brgy. Santolan, Pasig City  
**Area of Delivery** Metro Manila

<b>Solicitation Number:</b> SVP-02-07-2023-01	<b>Status</b>	<b>Active</b>
<b>Trade Agreement:</b> Implementing Rules and Regulations		
<b>Procurement Mode:</b> Negotiated Procurement - Small Value Procurement (Sec. 53.9)	<b>Associated Components</b>	6
<b>Classification:</b> Civil Works	<b>Bid Supplements</b>	0
<b>Category:</b> Construction Projects	<b>Document Request List</b>	0
<b>Approved Budget for the Contract:</b> PHP 999,296.26		
<b>Delivery Period:</b> 60 Day/s		
<b>Client Agency:</b>		
<b>Contact Person:</b> ATTY. PONCE MIGUEL D. LOPEZ Officer in Charge, Procurement Management Office Pasig City Hall, Caruncho Avenue, Barangay San Nicolas, Pasig City Metro Manila Philippines 1600 63-2-86431111 Ext.1461 63-2-86283395 bidsandawards@pasigcity.gov.ph	<b>Date Published</b>	08/02/2023
	<b>Last Updated / Time</b>	08/02/2023 00:00 AM
	<b>Closing Date / Time</b>	13/02/2023 17:00 PM

#### Description

#### REQUEST FOR QUOTATION

Date: \_\_\_\_\_  
 RFQ No. SVP-02-07-2023-01

Name of Company: \_\_\_\_\_  
 Address : \_\_\_\_\_  
 Name of Store/Shop: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 TIN: \_\_\_\_\_  
 PhilGEPS Registration Number (required prior to award): \_\_\_\_\_

The City Government of Pasig, through the Bids and Awards Committee (BAC), intends to procure infrastructure project in accordance with Section 53.9 of the 2106 revised Implementing Rules and Regulations of Republic Act No. 9184

#### NO. NAME OF PROJECT/CONTRACT APPROVED BUDGET CONTRACT FOR THE CONTRACT TIME DURATION

1 Soil Investigation for the Proposed Two (2) 8-Storey Building at Tawiran St., Brgy. Santolan, Pasig City 999,296.26 (60)

Quotations received exceeding the total Approved Budget for the Contract shall be rejected.

Submit your Quotation (duly signed by you or your duly authorized representative) not later than the closing date specified in the Bid Notice Abstract posted in PhilGEPS website along with the following documents:

- Mayor's/Business Permit
- PhilGEPS Registration Number
- PCAB License
- Income/Business Tax Return (if the Approved Budget for the Contract is above P500,000.00)
- Notarized Omnibus Sworn Statement (if the Approved Budget for the Contract is above P50,000.00) ([https://www.gppb.gov.ph/assets/forms/Omnibus%20Sworn%20Statement\(Revised\).docx](https://www.gppb.gov.ph/assets/forms/Omnibus%20Sworn%20Statement(Revised).docx))
- Proof of Authorization: Secretary's Certificate if corporation, or Special Power of Attorney, if individual
- Original of duly signed and accomplished Financial Bid Form (See attached Associated Components)
- Original of duly signed Bid Prices in the Bill of Quantities (See attached Associated Components)
- Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid

Please submit the accomplished Quotation and required documents on or before the deadline of submission at the Procurement Management Office (BAC Secretariat Office), 4th Floor, Pasig City Hall, San Nicolas, Pasig City. All documents should be submitted in a sealed brown envelope addressed to the "Bids and Awards Committee, 4th Floor, Pasig City Hall", and properly marked with the Project Title as provided herein.

For any clarification, you may contact us at telephone no. (02) 8641-1111 loc. 1461 or email address at bidsandawards@pasigcity.gov.ph

ATTY. PONCE MIGUEL D. LOPEZ  
Officer in Charge, Procurement Management Office

**Line Items**

Item No.	Product/Service Name	Description	Quantity	UOM	Budget (PHP)
1	Soil Investigation for the Proposed Two (2) 8-Stor	Soil Investigation for the Proposed Two (2) 8-Storey Building at Tawiran St., Brgy. Santolan, Pasig City	1	Lot	999,296.26

**Created by** ATTY. PONCE MIGUEL D. LOPEZ

**Date Created** 07/02/2023

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## PROCUREMENT MANAGEMENT OFFICE

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**ATTY. PONCE MIGUEL D. LOPEZ**  
Officer in Charge, Procurement Management Office

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### PASIG BIDS AND AWARDS COMMITTEE

Caruncho Avenue, Brgy. San Nicolas, Pasig City, Philippines 1600

 (02) 8628-3395 \* (02) 8641-1111 loc 1461 \*  [bidsandawards@pasigcity.gov.ph](mailto:bidsandawards@pasigcity.gov.ph)

\*  [pasigcity.gov.ph](http://pasigcity.gov.ph)



**CITY ENGINEERING DEPARTMENT**

Form No. : \_\_\_\_\_  
 Date : \_\_\_\_\_  
 Page No. : **1 OF 1**

Name of Project : **SOIL INVESTIGATION FOR THE PROPOSED TWO (2) 8-STOREY BUILDING**  
 Location : **TAWIRAN ST., BRGY. SANTOLAN, PASIG CITY**

Source of Funds : \_\_\_\_\_ Calendar Days to Complete : **60 CD**  
 Issued Obligated Author : \_\_\_\_\_ Desirable Starting Date : \_\_\_\_\_

MINIMUM EQUIPMENT REQUIREMENT			
DESCRIPTION	NO.	DESCRIPTION	NO.
RIG	1	GENSET	1
MINOR TOOLS	2	SATURATOR	2
PAYLOADER	1		

TECHNICAL PERSONNEL REQUIRED			
DESCRIPTION	NO.	DESCRIPTION	NO.
PROJECT ENGINEER	1	SURVEYOR	1
GEOTECHNICAL ENGINEER	1	SKILLED LABORER	5
FOREMAN	1	LABORER	8

**ESTIMATED COST OF PROPOSED WORK:**

ITEM NO.	DESCRIPTION	% Wt.	QUANTITY	UNIT	UNIT COST	AMOUNT
1.0	MOBILIZATION & DEMOBILIZATION	0.97%	1.00	lot		P
2.0	PRELIMINARIES					
	- Temporary Barricade and Protection Net		34.00	lm		
	- Bunkhouse / Temporary Facilities		24.00	sq.m		
	- Occupational Safety and Health Program		2.00	mos		
	- Elevation Survey and Staking		6.00	days		
	- Equipment set up including hole to hole transfer		6.00	set up		
	- Provision of Drilling Water		2.00	mos		
		28.96%				P
3.0	EARTHWORKS					
3.1	- Clearing and Grubbing		100.00	sq.m		
		1.54%				P
4.0	SOIL BORING / DRILLING REQUIREMENTS					
4.1	Soil Boring/Drilling including SPT/Coring (33m depth 6 holes)		198.00	m		
4.2	Laboratory Testing Routine Tests (NMC, SA, AL)		198.00	m		
4.3	Factual Report		1.00	set		
4.3	Technical Report (Geotechnical Engr)		1.00	set		
		68.53%				P

100%





SITE DEVELOPMENT PLAN



REPUBLIC OF THE PHILIPPINES  
 OFFICE OF THE MAYOR  
**ENGINEERING DEPARTMENT**  
 ARCHITECTURAL OFFICE

PROJECT TITLE <b>SOL INVESTIGATION FOR THE PROPOSED TINA CO. 9 STOREY BUILDING</b> <small>LOTION: TAMPAL, DIST. BUNRUA, METRO</small>	PREPARED BY <small>RESISTOR</small> <b>ENG. JOSE JACOB O. DE LA ROSA</b> <small>REGISTERED</small>	CHECKED BY <small>REGISTERED</small> <b>HON. VICTOR BA MEBIS II</b>	REVIEWED BY <small>REGISTERED</small> <b>ENG. ALBERTO Y. GERONIMO</b>	APPROVED BY <b>HON. VICTOR BA MEBIS II</b> <small>DIVISION CHIEF</small>	SHEET NUMBER <b>AS SHOWN</b> <small>1 OF 1</small> CONTRACT NO.
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CONTRACT NO.



## BID FORM

Date : \_\_\_\_\_

Project Identification No. : \_\_\_\_\_

To: **THE CHAIRMAN  
BIDS AND AWARDS COMMITTEE  
PASIG CITY**

Having examined the Request for Quotation (RFQs) including the Supplemental or Bid Bulletin Numbers \_\_\_\_\_ the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

a. We have no reservation to the RFQs, including the Supplemental or Bid Bulletins, for the Procurement Project: **SOIL INVESTIGATION FOR THE PROPOSED TWO (2) 8-STOREY BUILDING AT TAWIRAN ST., BRGY. SANTOLAN, PASIG CITY;**

b. We offer to execute the Works for this Contract in accordance with the RFQs;

c. The total price of our Bid in words and figures, excluding any discounts offered below is: \_\_\_\_\_  
\_\_\_\_\_ (P \_\_\_\_\_)

d. The discounts offered and the methodology for their application are:  
\_\_\_\_\_;

e. The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein and reflected in the detailed estimates,

f. Our Bid shall be valid within the a period stated in the RFQs, and it shall remain binding upon us at any time before the expiration of that period;

g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of \_\_\_\_\_  
\_\_\_\_\_ (P \_\_\_\_\_) percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines<sup>12</sup> for this purpose;

h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Request for Quotation;

i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and

j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for **SOIL INVESTIGATION FOR THE PROPOSED TWO (2) 8-STOREY BUILDING AT TAWIRAN ST., BRGY. SANTOLAN, PASIG CITY** of the **Bids and Awards Committee (B.A.C.) Pasig City**

l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

Date: \_\_\_\_\_



SUBJECT : BILL OF QUANTITIES / COST ESTIMATE

NAME OF PROJECT : SOIL INVESTIGATION FOR THE PROPOSED TWO (2) 8-STOREY BUILDING

LOCATION : TAWIRAN ST., BRGY. SANTOLAN, PASIG CITY

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE ( P )	AMOUNT ( P )
1.0	Mobilization / Demobilization (Pesos _____ )	1.00	lot		
2.0	Preliminaries (Pesos _____ )		l.s		
3.0	Earthworks (Pesos _____ )	100.00	sq.m		
4.0	Soil Boring / Drilling Requirements (Pesos _____ )		l.s		
	(Pesos _____ )				
	(Pesos _____ )				
	(Pesos _____ )				
Total Amount in Words: _____					
<b>GRAND TOTAL</b>					

\_\_\_\_\_  
\_\_\_\_\_  
(Name & Address of Bidder)

\_\_\_\_\_  
(Signature)  
\_\_\_\_\_  
(Name, Designation of Authorized Signing Official)



## TERMS OF REFERENCE

**PROJECT:** SOIL INVESTIGATION FOR THE PROPOSED TWO (2) 8-STOREY BUILDING

**LOCATION:** TAWIRAN ST., BRGY. SANTOLAN, PASIG CITY

### I. INTRODUCTION

#### A. BACKGROUND

The City Government of Pasig will be implementing Constructions of Two (2 Buildings) - 8 Storey Housing Building. In line with this, a geotechnical investigation is required to provide important data necessary in the design of foundation for the mentioned construction of Housing buildings in basis with the department's quality policy to provide quality and safe infrastructure for the improvement of the lives of every Pasiguenio. The Soil/Geotechnical Investigation which includes field and laboratory testing is use to determine the surface and subsurface condition. This process is essential to gather samples necessary for the detailing of the structure.

#### B. OBJECTIVE

To determine the soil bearing capacity and determine what type of foundations and earthworks would be required for the propose projects as per prescribed and required at PD1096 also known as National Building Code of the Philippines & it's IRR.

#### C. PROJECT SCOPE

The proposed project is the subject of subsurface soil exploration work including Geotechnical Report

### II. SCOPE OF WORKS

#### A. GENERAL

1. The Contractor shall be responsible for carrying out the necessary subsurface Soil exploration works in respect to the project stated.
2. After the receipt of Notice to Proceed (NTP), the contractor shall coordinate with the Project In charge in Engineering Office, particularly on the site of the project.
3. Upon completion of the subsurface exploration work activities, the Contractor shall submit their final report containing geotechnical/geological reports to Structural Section, Engineering Department.
4. The Contractor shall be responsible for the reliability of the report presented.
- ✓ 5. The Contractor shall have experience in Soil Exploration/Geotechnical Investigation, with a minimum experience of at least three years (3) in the field of expertise.
6. Provide supporting documents that will verify contractor about past project same or equivalent of this project.
7. Provide specifications inline or accordance with the submitted details of program of works.





## B. THE SERVICES

### 1. Subsurface Soil Exploration Works

#### A. LOCATION

Before the conduct of Subsurface Soil Exploration Works, The Contractor shall coordinate with the Engineering Department, for proper coordination on the location of the project.

#### B. SCOPE OF PROJECT

The contractor shall provide all the labor, instrument/equipment materials and supplies, vehicles, bunkhouses, etc., necessary to perform satisfactorily the subsurface exploration herein required, viz:

- a. Drilling and sampling
- b. Standard Penetration Test (SPT)
- c. Water Level Measurements
- d. Laboratory Testing and Analysis
- e. Liquefaction Analysis
- f. Foundation Solutions
- e. Preparation and submission of Reports

The Contractor shall be held solely responsible for the result of this boring/drilling exploration and other activities under terms of Reference.

#### C. DETAILED EXPLORATION REQUIREMENTS / SPECIFICATIONS

##### Drilling and Sampling

##### 1. Location and Number

Six (6) boreholes, at a location shown on the plan.

##### 2. Depth of Borings

Shall be equal to the 33 meters or extend if necessary, depending on the soil classification

##### 3. Procedure

In sand, clay and slit materials, the boreholes shall be advanced by the wash boring method in between sampling sections using side discharged chopping bits. Whenever necessary, N-size casings shall be utilized. The washed section shall be cleaned thoroughly before each sampling run ensuring, however, that the underlying soil is not disturbed.

Sampling shall be done at one meter interval from the river bed to hard strata using 50 cm. Split spoon sampler. In a soft cohesive layer, disturbed sample using thin-walled tube samplers shall be obtained hydraulically.

Core drilling shall be carried out by a diamond rotary drill method in gravelly on rock formation. Core samples shall be undertaken wherever solid information is encountered.

Cores shall be placed in core boxes arranged and labelled in accordance to depth as soon as these are extracted from the boreholes.



#### 4. Equipment

##### a. Drilling Machine

The contractor shall utilize at least two (2) drilling machine and set them up at the project site. The drilling machine shall be in good working condition and shall be of such capacity as to maintain satisfactory progress of work.

##### b. Bits

The Contractor shall have an example supply of different types of bits to adapt to varying conditions. Bottom discharge and stepped bits shall also be available.

##### c. Core Barrels

Double tube swivel type core barrels in good condition and obtaining maximum core recovery shall be used.

##### d. Casing

The contractor shall, at his own expense and responsibility, provide casings as required to ensure the stability of the borehole walls. The casings shall be at least of N-size and shall be in good condition. After a hole has been finished the casings shall be retrieved.

#### 5. Handling and Core of Samples

The Contractor shall provide all the materials, equipment and labor necessary for preserving samples.

##### Standard Penetration Test (SPT)

The test shall be carried out through ordinary soil encountered to the depths specified above. Standard penetration test shall be performed using 5.0 cm. (2.0 in.) outside diameter split spoon sampler, driven by a 63.6 kg. (140 lbs.) Hammer falling 76.0 cm (30 in.) at 1.50 meter interval or closer if necessary.

##### Water Level Measurement

The water level shall be measured daily (before and after) whenever encountered in a borehole.

##### Laboratory Testing Analysis

The preparation of samples for testing shall be made in accordance with **AASHTO**. All phases of the laboratory-testing program were performed in accordance with the applicable ASTM Specifications.

The following test shall be made on samples obtained from boring, drilling.

##### 1. Split-Spoon Analysis

##### a. Visual Soil Description

##### b. Mechanical Analysis, AASHTO Designation T88

##### c. Liquid Limit, Plastic Limit and Plasticity Index, AASHTO Designation T89

and

T90

##### d. Group Index and Soil Classification, use Unified Soil Classification





## D. REPORT OUTPUTS/DELIVERABLES

### 1. Final Report

The Contractor shall prepare the FINAL REPORT containing geological/geotechnical reports & analysis in three (3) bound copies in the form and substance to be submitted to Engineering Department, Sixty (60) calendar days from the commencement of work and/or at the termination of the contract. The final report shall not be limited to the following.

- a. Field Investigation and Methodology
- b. Borehole Drilling and Sampling
- c. Laboratory Testing
- d. Final Boring Logs (BL)
- e. Final Laboratory Test Results (FLTR)
- f. Borehole Location Plan
- g. Soil Profile along structures shoeing boring/ drilling logs
- h. Soil Liquefaction Investigation Report
- i. Soil Bearing Capacity
- j. Detailed discussion of the result of geological/geotechnical investigation and laboratory testing
- k. Recommendation  
(Foundation Type and required geotechnical parameter for design)

Other Data to be submitted by the Contractor along with the Final Report are the following:

#### Boring Logs

1. Job, boring, hole number, date, time, boring/drilling, foreman, supervisor
2. Weather condition
3. Depth of Boring at start of the day
4. Water level in casing at start of the day
5. Method of Penetration and flushing system
6. Description of soil strata encountered
7. Depth of soil boundaries
8. Size, type and depth of samples and sample number
9. Type and depth of in-situ test
10. Standard Penetration Test Resistance, "N" Value
11. Recovery ratios of samples
12. Detailed notes on boring / drilling procedure, casing sizes and resistance to driving, description of wash water or spoil from boring / drilling tools
13. Depth of boring at end of the day

#### Photographs

Photographs showing the borehole drilling and sampling at each proposed sites shall be taken by the contractor and Incorporated in the report, photographs shall be taken at each borehole location depicting the following:

1. Equipment used
2. Core drilling operation



3. Water level measurements
4. Performance of SPT and Shelby tube sampling
5. All cores in the core boxes, SPT and Shelby tube samples
6. Date photographs was taken

### III. IMPLEMENTATION

#### A. KEY EXPERTS' QUALIFICATION AND REQUIREMENTS

The following experts/professionals and their member shall be required to carry out the Consulting Services for the project and should have appropriate educational degree, relevant training and adequate years of experience in the conduct of sub-surface soil exploration.

Position/Key Staff	No. of Staff	Detailed Tasks/ Responsibilities	Required Qualifications
Project Engineer	1		<ul style="list-style-type: none"><li>•BS in Civil Engineering; MS or Doctoral degree is an added advantage;</li><li>•Dulylicensed/registered civil engineer;</li><li>• At least 3-year experience on soil, sub-surfaceand geotechnical survey and study of related structures;</li></ul>
Geotechnical Engineer	1		<ul style="list-style-type: none"><li>• License Civil Engineer; MS or Doctoral degree in Geotechnical Engineering</li><li>• At least 5 years' experience in geotechnical evaluation</li></ul>
Surveyor	1		<ul style="list-style-type: none"><li>• License Geodetic Engineer or equivalent</li><li>• At least 3 years in experience as a surveyor</li></ul>

The Contractor shall provide technical and administrative support staff as may require.

#### B. CONTRACT PERIOD


The contractor contract period for undertaking the detailed engineering design shall be Sixty (60) calendar days and the Contractor shall commence work after receipt of Notice to proceed.



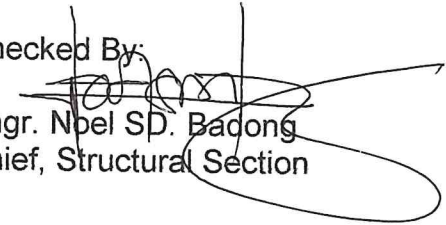


The Contractor is expected to provide office space and equipment and all other resources for completing the service.

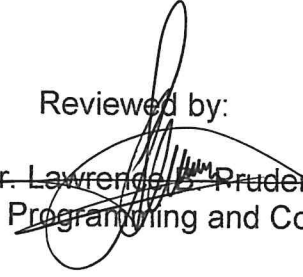
Prepared by:

  
Engr. Donalyn V. Guzman  
Project In-charge

Checked By:

  
Engr. Noel S.D. Badong  
Chief, Structural Section

Reviewed by:

  
Engr. Lawrence B. Prudencio  
Chief, Project, Programming and Construction Division

Noted by:

  
Engr. Artaxerxes V. Geronimo  
OIC – Engineering Department