



**PHILIPPINE NATIONAL OIL COMPANY
PNOC BLDG. 6, ENERGY CENTER, RIZAL DRIVE,
BONIFACIO GLOBAL CITY, TAGUIG CITY**

PHILIPPINE BIDDING DOCUMENTS

**Project Title : Procurement of Geodetic Surveying Services
for PNOC Bataan properties**

REI No. : 2025-06-144

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Procurement of Geodetic Surveying Services for PNOC Bataan Properties

REI No.: 2025-06-144

PART I

Checklist of Eligibility Requirements

1. Eligibility documents Submission Form (Annex A)

Class “A” Documents

Legal Documents

2. Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

Technical Documents

3. Statement of Consultant’s Nationality (Annex B)
4. Curriculum Vitae for the Proposed Professional Staff (Annex C)
5. Statement of Completed Contracts (Annex D)
6. Certificate of Good Standing, Acceptance Report, Certificate of Satisfactory Service Rendered, or Any Proof of Satisfactory Completion of Completed Contracts
7. Statement of Ongoing and Awarded but Not Yet Started Contracts (Annex E)

Class “B” Document

8. Valid Joint Venture Agreement (JVA) if JV is in existence or duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

Section I. Request for Expression of Interest



PHILIPPINE NATIONAL OIL COMPANY

PNOC Building VI, Energy Center

Rizal Drive, BGC, Taguig City

Tel. No.: 789 – 7662

www.pnoc.com.ph

www.philgeps.gov.ph

REQUEST FOR EXPRESSION OF INTEREST

Procurement of Geodetic Surveying Services for PNOC Bataan Properties

Request for Expression of Interest No. 2025-06-144

1. The **PHILIPPINE NATIONAL OIL COMPANY. (PNOC)**, through the **2025 Approved Corporate Operating Budget** intends to apply the sum of,

Item No.	Lot Area (sqm)	Project Description	Project Cost
I	978,412	Area 7: Relocation survey with Aerial survey using Airborne LiDAR System; and	1,200,000.00
		Subdivision survey (22 hectares)	600,000.00
		Total	1,800,000.00
II	1,756,107	Area 8: Relocation and verification survey with aerial survey using Airborne LiDAR System on remaining portion of the property	1,750,000.00
III	829,278	Area 2,3 & 4: Relocation survey (with as-built) and topographic survey	1,066,600.00
		TOTAL PROJECT COST	4,616,600.00

being the Approved Budget for the Contract (ABC) to payments under the contract for **Procurement of Geodetic Surveying Services for PNOC Bataan Properties**. Bids received in excess of the ABC shall be automatically rejected at the opening of the financial proposals.

2. The ***PNOC*** now calls for the submission of eligibility documents for the ***Procurement of Geodetic Surveying Services for PNOC Bataan Properties***. Eligibility documents of interested consultants must be duly received by the BAC Secretariat on or before ***August 26, 2025(10:00AM)*** at ***PNOC Bldg. 6, Energy Center, Rizal Drive, Bonifacio Global City, Taguig City***. Applications for eligibility will be evaluated based on a non-discretionary “pass/fail” criterion.
3. Interested bidders may obtain further information from the ***PNOC Procurement Management Division*** and inspect the Bidding Documents at the address given below during ***working days from 8:00 AM to 5:00 PM***.
4. The Bidding Documents (Part 1) may be acquired on ***August 19, 2025*** by interested Consultants from the address below. Short Listed Consultants may only be allowed to acquire the Bidding Documents (Part 2) and drop their Technical and Financial Proposals upon payment of the applicable bidding documents fee, pursuant to the latest Guidelines issued by the GPPB, in the amount of ***Four Thousand Six Hundred Pesos (PhP4,600.00)***.

Bidding Documents 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, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

5. Opening of Eligibility Documents shall be ***immediately after the deadline of submission*** at the given address below and/or via ***Google Meet***. Eligibility Documents shall be opened in the presence of the bidders’ representatives who choose to attend the activity. Late submissions shall not be accepted
6. 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 short list shall consist of *top three (3)* prospective bidders with at least 50 percent out of 100 percent who will be entitled to submit bids. The criteria and rating system for short listing are:

<i>a. Years of Experience</i>	:	<i>30 %</i>
<i>b. Qualification of Geodetic Engineer/Personnel Assigned to the Project</i>	:	<i>50 %</i>
<i>c. Current Work load Relative to Capacity</i>	:	<i>20 %</i>
7. 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 open to all interested bidders, whether local or foreign, subject to the conditions for eligibility provided in the IRR of RA 9184.

8. The Procuring Entity shall evaluate bids using the ***Quality - Cost Based Evaluation/Selection (QCBE/QCBS)*** procedure. The weights to be allocated for the Technical Proposal is ***Seventy (70) Points*** and Financial Proposal is ***Thirty (30) Points***. The

criteria and rating system for the evaluation of bids shall be provided in the Instructions to Bidders.

9. The contract shall be completed within the following periods,

Item No.	Lot Area (sqm)	Project Description	Project Duration
I	978,412	Area 7: Relocation survey with Aerial survey using Airborne LiDAR System; and	- Sixty (60) calendar days from receipt of Notice to Proceed until submission of relocation plans, field notes/report to PNOC and draft subdivision plan for PNOC's conformity
		Subdivision survey (22 hectares)	- Additional twenty (20) calendar days – for the submission to PNOC of LRA approved subdivision plan
II	1,756,107	Area 8: Relocation and verification survey with aerial survey using Airborne LiDAR System on remaining portion of the property	- Sixty (60) calendar days (from receipt of Notice to Proceed until submission of relocation/subdivision plans and field notes/report to PNOC)
III	829,278	Area 2,3 & 4: Relocation survey (with as-built) and topographic survey	- Sixty (60) calendar days from receipt of Notice to Proceed until submission of relocation plan, as-built plan and topographic survey plan

10. The **PNOC** 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.

11. For further information, please refer to:

The Secretariat
Bids and Awards Committee
Philippine National Oil Company
G/F PNOC Bldg. 6, Energy Center, Rizal Drive,
Bonifacio Global City, Taguig City
Tel. Nos.: 8789 – 7757
Fax Nos.: 8812 – 6041 / 8840 – 1440
Email: cfcmele@pnoc.com.ph / procurement@pnoc.com.ph
Website: www.pnoc.com.ph / www.philgeps.gov.ph


MA. ROWENA C. RAYMUNDO
BAC Chairperson 

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:

- (a) the name of the prospective bidder;
- (b) whether there is a modification or substitution; and
- (c) 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

Eligibility Data Sheet

Eligibility Documents	
1.2	<p>Consultant shall undertake the following:</p> <ol style="list-style-type: none"> 1. Upon submission of bid – to submit work plan and/or methodology of the land survey to undertake with emphasis on the clarity, and comprehensiveness of the approach which may include among others: <ol style="list-style-type: none"> a. Work plan / methodology in undertaking until completion of the relocation survey, verification survey and subdivision survey. b. Work plan / methodology in undertaking the aerial survey using airborne LiDAR System. c. Preliminary site investigation and technical research. d. Control establishment covering the entire survey area in accordance with the standards of the Revised Manual for Land Surveys in the Philippines (MLSP); e. Establish Control Stations with the aid of Real-Time Kinematic (RTK) Global Positioning System (GPS) and reflect all necessary data in the corresponding traverse computations. f. Manner of installation of concrete monuments as prescribed in the Revised MLSP or any acceptable markings for all boundary corners. 2. Undertake research of reference documents and computations using the available technical records and other relevant documents/records of the lot with the DENR/LRA, Assessor's Office, Registry of Deeds Office, pertinent to the subject property to be surveyed, and those of adjoining properties that may be used for reference/validation purposes. 3. The contractor shall secure necessary survey permits or clearances from appropriate government agencies, e.g., LGU's, DENR, if necessary. 4. Coordinate and inform the local authorities / adjoining lot owner/s of the schedule of relocation survey and explain the land survey activities to be undertaken on-site. If assistance of Barangay personnel is necessary during the actual survey work, the Contractor undertake to directly coordinate with the said LGU. 5. The contractor should be complete with its land surveying equipment, aerial survey apparatus, manpower to undertake the land survey and service vehicle for the movement of its personnel on-site. In addition, the survey team should be equipped with basic tools for clearing grass along the pathways that will need to be traversed. This will ensure efficient progress and accessibility

	<p>during the survey. Members of the survey team should wear complete personal protective equipment (PPE) at all times, for safety and convenient during the actual activities.</p> <ol style="list-style-type: none"> 6. Undertake actual relocation/subdivision survey to determine metes and bounds of property boundaries using Real-Time Kinematic (RTK) GPS system. 7. Submit separate survey plan indicating the location and estimated area/s of any encroachments by DPWH / Government /Private entities projects such as transmission lines, road network and other government offices located within the property. 8. Additional scope of work (to be considered in the work plan): <p><u>For relocation survey with Aerial survey using Airborne LiDAR System and Subdivision survey (Area 7)</u></p> <ol style="list-style-type: none"> a. Relocate the boundaries of 978,412sqm lot described as Lot 2 Swo- 03-000027 covered by TCT No. 167629. b. Relocate the portion/areas covered by 12 titles (22 hectares) and segregate the same from the 978,412sqm area. Subdivision plan will be submitted to the Land Registration Authority for approval. c. Install concrete boundary monuments on all established corners and placed markers on the boundary line (southern boundary line only) every 50 meters for purposes of demarcation of the boundary line of the lot. d. Undertake Aerial survey using Airbone LiDAR System to collect high resolution elevation data for terrestrial environments, acquiring accurate topographic data of the area, generating digital elevation models (DEMs) and digital surface model (DSMs), and mapping terrain features for various applications such as environmental assessment and planning. e. Plot in the relocation plan the boundaries of Area 7, the exact location of the NGCP Transmission Line that traversed the area, and the overlap portion covered by private titles. Indicate the remaining lot area for PNOC. <p><u>For relocation and verification survey with Aerial survey using Airborne LiDAR System on portion of the lot (Area 8)</u></p> <ol style="list-style-type: none"> a. Relocate the boundaries of 1,756,107sqm lot described as Lot 2 Swo- 03-000028 covered by TCT No. 167629.
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	<p>b. Verification survey to determine the boundary line of Orica leased area (910,000sqm) and the overlap portion (36.99) hectares property covered by one (1) private title.</p> <p>c. Install concrete boundary monuments on all corners, and placed markers to the boundary line of the verified lots.</p> <p>d. Undertake Aerial survey using Airbone LiDAR System on the portion of lot (estimated at 85 hectares) to collect high resolution elevation data for terrestrial environments, acquiring accurate topographic data of the area, generating digital elevation models (DEMs) and digital surface model (DSMs), and mapping terrain features for various applications such as environmental assessment and planning.</p> <p>Notes: Aerial survey will be limited only on the remaining portion of PNOC lots taking into consideration the limitation of drone flights inside the vicinity of Orica and nearby vicinity of DND Arsenal.</p> <p>e. Plot in the relocation plan the boundaries of Area 8, the exact location of the NGCP Transmission Line that traversed the area, and the overlap portion covered by private title and the Orica leased area. Indicate the remaining lot area for PNOC.</p> <p><u>For relocation survey (with as-built) and topographic survey of Area 2A, 2B, 3 & 4)</u></p> <p>a. Relocation survey with as-built of TCT No. 180797 with 280,598sqm and TCT No. 208381 with 548,680sqm.</p> <p>b. Topographic survey to present a scaled and detailed information relating to ground heights, contours and surfaces, natural features.</p> <p>9. Contractor to coordinate with PNOC Asset Management Department for the conduct of on-site joint inspection/validation of completed survey works (after submission of survey plan/s, field survey report). Work shall only be completed after the conduct of joint validation with PNOC representatives.</p> <p>10. Should there be a need to resolve boundary conflicts and/or other related concerns relative to the survey of the property/ies, the Contractor will provide PNOC after service data and information as maybe relevant.</p> <p>11. Meet with PNOC Asset Management Department representative for further instructions and available document for reference prior to the research/commencement of the survey works.</p>
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1.3	No further instructions.								
2.1(a)(ii)	The statement of all ongoing and completed government and private contracts shall include all such contracts within five (5) years prior to the deadline for the submission and receipt of eligibility documents.								
2.1(a)(ii.7)	<i>Acceptable proof of satisfactory completion of completed contracts, either of the following:</i> a. Certificate of Completion / Acceptance b. Official Receipt								
4.2	Each prospective bidder shall submit one (1) original and two (2) copies of its eligibility documents.								
(c)	<i>Bids and Awards Committee of the Procuring Entity concerned with the Project.</i> MA. ROWENA C. RAYMUNDO Chairperson Bids and Awards Committee Philippine National Oil Company G/F PNOC Bldg. 6, Energy Center, Rizal Drive, Bonifacio Global City, Taguig City								
4.3 (d)	<i>Procurement of Geodetic Surveying Services for PNOC Bataan Properties</i> Request for Expression of Interest No. 2025-06-144								
5	The address for submission of eligibility documents is <i>PNOC Bldg. 6, Energy Center, Rizal Drive, Bonifacio Global City, Taguig City</i> The deadline for submission of eligibility documents is <i>August 26, 2025 (10:00 AM)</i>								
8.1	The place of opening of eligibility documents is <i>PNOC Bldg. 6, Energy Center, Rizal Drive, Bonifacio Global City, Taguig City</i> The date and time of opening of eligibility documents shall be immediately after the deadline of submission.								
9.1	Similar contracts shall refer to refers to completed projects on particular land surveying services as required by PNOC.								
9.2	<i>Detailed set of criteria and rating system to be used for the short listing of consultants.</i> Criteria for Short Listing of Prospective Bidders <table><tr><td></td><td>Criteria</td><td colspan="2">Percentage</td></tr><tr><td>I.</td><td>Years of experience</td><td></td><td></td></tr></table>		Criteria	Percentage		I.	Years of experience		
	Criteria	Percentage							
I.	Years of experience								

		<i>(Minimum of five (5) years in land surveying)</i>	20%	30%
		a. Firm experience in land surveying b. Client Satisfaction Survey	10%	
	II.	Qualification of Geodetic Engineer /personnel to be assigned to the Project A. Geodetic licensure and highest education attainment B. Geodetic professional training and other specialized trainings/seminar C. Previous land surveying projects (similar/related projects)	10% 15% 25%	50%
	III.	Current workload relative to Capacity A. Resource availability (<i>surveying instrument - RTK GPS, and other survey instrument; drone with aerial airborne LiDAR System; software; PPE; Service vehicle for survey team</i>) B. Team Availability (<i>availability of key personnel such as Geodetic Engineer to lead on site, instrument man, survey aide, drone pilot, auto CAD operator</i>)	5% 15%	20%
		Total		100%
Note: Please see detailed criteria in the attached Terms of Reference.				

Section IV. Eligibility Submission Forms

Eligibility Documents Submission Form – ANNEX “A”	21
Statement of the Consultant's Nationality - ANNEX “B”	25
Format of Curriculum Vitaé of Proposed Professional Staff - ANNEX "C"	24
Statement of Completed Contracts - ANNEX "D"	26
Statement of Ongoing Contracts and Awarded But Not yet Started Contract - ANNEX "E"	27

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]* under *[Reference No.]*, *[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, or LGUs, including foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, and that each of the documents submit; 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.

Yours sincerely,

Signature

Name and Title of Authorized Signatory

Name of Consultant

Address

Email Address

STATEMENT OF THE CONSULTANT’S NATIONALITY

[Name and address of the Procuring Entity]

Ladies/Gentlemen:

In compliance with the requirements of the **Philippine National Oil Company**, for the **[Project Title]** under **[Reference No.]**, I/We hereby declare the following:

1. [Select one and delete the rest]

[If domestic entity bidder] That (Name of Bidder) is a domestic *sole proprietorship/partnership/corporation/joint venture* organized or formed under the laws of the Philippines;

[If foreign entity bidder] That (Name of Bidder) is a foreign *sole proprietorship/partnership/corporation/joint venture* organized or formed under the laws of the (Name of Country);

[If foreign entity bidder] That (Name of Bidder) is registered with the Securities and Exchange Commission and/or any agency authorized by the laws of the Philippines;

2. That the following are/is the proposed Consultants:

Name of Proposed Consultant	Proposed Position	Nationality	Proof of Identification
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			

3. That attached herewith are the Curriculum Vitae of the abovementioned personnel (*Annex/es* _____); and

Very truly yours,

Signature: _____

Name and Title of Authorized Signatory: _____

Name of Consultant/Company: _____

Address: _____

Email Address: _____

Contact Nos: _____

ANNEX “C”

FORMAT OF CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF

Proposed Position						
Personal Information						
Name of Staff						
Address				Contact No.		Email Address
Date of Birth		Citizenship			Civil Status	
Project Experience (start from the current employment, add rows if necessary) Similar and Related to the Project						
EMPLOYER (AGENCY / COMPANY NAME) (Write in Full)	CLIENT (COMPANY NAME) (Write in Full)	PROJECT TITLE With Brief Project Description (Write in Full)	PROJECT DURATION (MM/DD/YYYY)		POSITION TITLE (Write in Full)	DETAILED JOB DESCRIPTIO N
			START	END		
Relevant Training (start from the most recent, add rows if necessary)						
Course Title	Inclusive Dates		Location	No. of Hours	Conducted / Sponsored by	
	From	To				
Education (start from the most recent, add rows if necessary)						
School	Inclusive Dates		Degree Course (Indicate if Completed)	Scholarships / Academic Honors Received		
	From	To				
Technical Expertise						

Database		
Operating Systems		
Application Software		
Professional Licenses, Certificates, Other Credentials		
Title		Date Received

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

_____ Date: _____
[Printed Name and Signature of staff member] *MM/DD/YYYY*

CERTIFIED CORRECT:

_____ Date: _____
[Printed Name and Signature of authorized representative of the firm] *MM/DD/YYYY*

STATEMENT OF COMPLETED CONTRACTS

This is to certify that _____ (consultant) _____ has the following completed contracts:

PROJECT NAME (including NAME, ADDRESS OF CLIENT, CONTACT NO.)	DATE OF CONTRACT (MM/DD/YYYY)	TYPE OF CONTRACT (BRIEF PROJECT DESCRIPTION)	START DATE (MM/DD/YYYY)	COMPLETION DATE (MM/DD/YYYY)	AMOUNT OF CONTRACT	CONSULTANT’S ROLE (DESCRIPTION OF ACTUAL SERVICES PROVIDED)

Name and Signature of Authorized Representative

Date

ANNEX “E”

STATEMENT OF ONGOING CONTRACTS AND AWARDED BUT NOT YET STARTED CONTRACTS

This is to certify that _____ (consultant) _____ has the following ongoing and awarded but not yet started contracts:

DATE OF CONTRACT	CONTRACTING PARTY	NAME OF CONTRACT	TYPE OF CONTRACT	BRIEF DESCRIPTION OF CONSULTING SERVICE	AMOUNT OF CONTRACT	VALUE OF OUTSTANDING CONTRACT	CONSULTANT IS: a. main consultant b. subcontractor c. partner in a JV

Note: If the bidder does not have any on-going project, please state “None” in the form above and include the form in the submission of eligibility requirements.

Name and Signature of Authorized Representative

Date



PHILIPPINE NATIONAL OIL COMPANY
 Asset Management Department
 PNOC Building 6, Energy Compound, Rizal Drive, BGC, Taguig City

TERMS OF REFERENCE

Project: **PROCUREMENT OF GEODETIC SURVEYING SERVICES FOR PNOC BATAAN PROPERTIES**

Location: Barangay Lamao, Limay Bataan and Barangay Batangas Dos, Mariveles, Bataan

Justification: The Philippine National Oil Company (PNOC), administrator of PNOC Alternative Fuels Corporation (PNOC AFC) properties, shall engage services of an independent licensed Geodetic Engineer or land surveying company with licensed geodetic engineer/s, to undertake land survey services for purposes of precise identification of the established boundaries of the lot; placing of permanent markings/concrete monuments on the established corners; segregation of the areas covered by private titles within PNOC's title; obtaining topographic data and mapping of terrain features via aerial survey using airborne LiDAR System, establishing the exact location of the existing structures/facilities; determine the existing conditions and in general to keep update of records of the properties.

Project Cost: Php4,616,600.00 divided into three (3) items, as follows:

Item No.	Lot Area (sqm)	Project Description	Project Cost
I	978,412	Area 7: Relocation survey with Aerial survey using Airborne LiDAR System; and	1,200,000.00
		Subdivision survey (22 hectares)	600,000.00
		Total	1,800,000.00
II	1,756,107	Area 8: Relocation and verification survey with aerial survey using Airborne LiDAR System on remaining portion of the property	1,750,000.00
III	829,278	Area 2,3 & 4: Relocation survey (with as-built) and topographic survey	1,066,600.00
		TOTAL PROJECT COST	4,616,600.00

A. **Project Description:** The project for land survey are classified into three (3) items as follows:

Item I: Relocation survey with Aerial survey using Airborne LiDAR System and Subdivision survey.

Property Description¹: 978,412sqm lot area described as Lot No. 2 Swo-03-000027 in TCT No. 167629. Twenty two (22) hectares of the said lots are subject for segregation/subdivision. The property is described as PNOC's Area 7 in PIP 2.

Objectives: Relocation survey to determine the exact location of the property and its boundary line. To establish boundary monuments on corners and markers for every 50 meters to marked the property line.

This relocation involves aerial survey using airborne LiDAR system to collect high resolution elevation data for terrestrial environments, acquiring accurate topographic data of the area, generating digital elevation models (DEMs) and digital surface model (DSMs), and mapping terrain features for various applications such as environmental assessment and planning.

The project also involves subdivision survey of the portion to segregate the 22 hectares land area/portion covered by 12 private titles that overlaps PNOC's title. Boundary markers will be established between the segregated portion to monument PNOC's Area 7 property line.

Item II: Relocation and verification survey with aerial survey using Airborne LiDAR System on portion of the property.

Property Description: 1,756,107sqm lot area described as Lot No. 2 Swo-03-000028 in TCT No. 167629. The property is described as PNOC's Area 8 in PIP 2.

Objectives: Relocation survey to determine the exact location of the property and its boundary line. To establish boundary monuments on corners of the property line. The projects also involves verification survey to determine the boundary line of Orica leased area (910,000sqm) and the 36.99 hectares property covered by one (1) private title that overlap PNOC's title.

This relocation involves aerial survey using airborne LiDAR system over a portion of lots (estimated at 85 hectares) to collect high resolution elevation data for terrestrial environments, acquiring accurate topographic data of the area, generating digital elevation models (DEMs) and digital surface model (DSMs), and mapping terrain features for various applications such as environmental assessment and planning.

¹ Annex A

It also involves plotting of the remaining lot area after considering the leased area of Orica, overlap area, and areas traversed by DND Arsenal Road/NGCP transmission line and the portion occupied by Informal settlers.

Item III: Relocation survey (with as-built) and topographic survey

Property Description: TCT No. 180797 = 280, 598sqm &
TCT No. 208381 = 548,680sqm
Described as Area 2, 3 & 4 within the PIP

Objectives: Relocation survey to determine the boundary line of the two (2) properties and with as-built to determine the structures/facilities located within the lots. It includes topographic survey for the determination of the terrain features, ground heights, contour and surface for various application.

B. Project Duration: Contract period varies for each items as described below.

Item I: Relocation survey with aerial survey using airborne LiDAR System and subdivision survey.

- Sixty (60) calendar days from receipt of Notice to Proceed until submission of relocation plans, field notes/report to PNOC and draft subdivision plan for PNOC's conformity.
- Additional twenty (20) calendar days – for the submission to PNOC of LRA approved subdivision plan.

Item II: Relocation and verification survey with aerial survey using airborne LiDAR System

- Sixty (60) calendar days (from receipt of Notice to Proceed until submission of relocation plans and field notes/report to PNOC).

Item III: Relocation survey (with as-built) and topographic survey

- Sixty (60) calendar days from receipt of Notice to Proceed until submission of relocation plan, as-built plan and topographic survey plan.

Notes: The following instances shall not be set against the duration of Completion.

1. Causes not attributable to the parties such as resistance from illegal occupants;
2. Compliance with LGU requirements for permitting/clearance if required;
3. LRA processing of approval of the subdivision plan; and
4. Period after submission to PNOC of the survey plan/report until conduct of on-site joint inspection/validation of survey work made.

C. Scope of Work:

1. Upon submission of bid – to submit work plan and/or methodology of the land survey to undertake with emphasis on the clarity, and comprehensiveness of the approach which may include among others:
 - g. Work plan / methodology in undertaking until completion of the relocation survey, verification survey and subdivision survey.
 - h. Work plan / methodology in undertaking the aerial survey using airborne LiDAR System.
 - i. Preliminary site investigation and technical research.
 - j. Control establishment covering the entire survey area in accordance with the standards of the Revised Manual for Land Surveys in the Philippines (MLSP);
 - k. Establish Control Stations with the aid of Real-Time Kinematic (RTK) Global Positioning System (GPS) and reflect all necessary data in the corresponding traverse computations.
 - l. Manner of installation of concrete monuments as prescribed in the Revised MLSP or any acceptable markings for all boundary corners.
2. Undertake research of reference documents and computations using the available technical records and other relevant documents/records of the lot with the DENR/LRA, Assessor's Office, Registry of Deeds Office, pertinent to the subject property to be surveyed, and those of adjoining properties that may be used for reference/validation purposes.
3. The contractor shall secure necessary survey permits or clearances from appropriate government agencies, e.g., LGU's, DENR, if necessary.
4. Coordinate and inform the local authorities / adjoining lot owner/s of the schedule of relocation survey and explain the land survey activities to be undertaken on-site. If assistance of Barangay personnel is necessary during the actual survey work, the Contractor undertake to directly coordinate with the said LGU.
5. The contractor should be complete with its land surveying equipment, aerial survey apparatus, manpower to undertake the land survey and service vehicle for the movement of its personnel on-site. In addition, the survey team should be equipped with basic tools for clearing grass along the pathways that will need to be traversed. This will ensure efficient progress and accessibility during the survey. Members of the survey team should wear complete personal protective equipment (PPE) at all times, for safety and convenient during the actual activities.
6. Undertake actual relocation/subdivision survey to determine metes and bounds of property boundaries using Real-Time Kinematic (RTK) GPS system.
7. Submit separate survey plan indicating the location and estimated area/s of any encroachments by DPWH / Government /Private entities projects such as transmission lines, road network and other government offices located within the property.
8. Detailed scope of work (to be considered in the work plan):

For relocation survey with Aerial survey using Airborne LiDAR System and Subdivision survey (Area 7)

- a. Relocate the boundaries of 978,412sqm lot described as Lot 2 Swo- 03-000027 covered by TCT No. 167629.
- b. Relocate the portion/areas covered by 12 titles (22 hectares) and segregate the same from the 978,412sqm area. Subdivision plan will be submitted to the Land Registration Authority for approval.
- c. Install concrete boundary monuments on all established corners and placed markers on the boundary line (southern boundary line only) every 50 meters for purposes of demarcation of the boundary line of the lot.
- d. Undertake Aerial survey using Airbone LiDAR System to collect high resolution elevation data for terrestrial environments, acquiring accurate topographic data of the area, generating digital elevation models (DEMs) and digital surface model (DSMs), and mapping terrain features for various applications such as environmental assessment and planning.
- e. Plot in the relocation plan the boundaries of Area 7, the exact location of the NGCP Transmission Line that traversed the area, and the overlap portion covered by private titles. Indicate the remaining lot area for PNOC.

For relocation and verification survey with Aerial survey using Airborne LiDAR System on portion of the lot (Area 8)

- a. Relocate the boundaries of 1,756,107sqm lot described as Lot 2 Swo- 03-000028 covered by TCT No. 167629.
- b. Verification survey to determine the boundary line of Orica leased area (910,000sqm) and the overlap portion (36.99) hectares property covered by one (1) private title.
- c. Install concrete boundary monuments on all corners, and placed markers to the boundary line of the verified lots.
- d. Undertake Aerial survey using Airbone LiDAR System on the portion of lot (estimated at 85 hectares) to collect high resolution elevation data for terrestrial environments, acquiring accurate topographic data of the area, generating digital elevation models (DEMs) and digital surface model (DSMs), and mapping terrain features for various applications such as environmental assessment and planning.

Notes: Aerial survey will be limited only on the remaining portion of PNOC lots taking into consideration the limitation of drone flights inside the vicinity of Orica and nearby vicinity of DND Arsenal.

- e. Plot in the relocation plan the boundaries of Area 8, the exact location of the NGCP Transmission Line that traversed the area, and the overlap portion covered by private title and the Orica leased area. Indicate the remaining lot area for PNOC.

For relocation survey (with as-built) and topographic survey of Area 2A, 2B, 3 & 4)

- a. Relocation survey with as-built of TCT No. 180797 with 280,598sqm and TCT No. 208381 with 548,680sqm.
 - b. Topographic survey to present a scaled and detailed information relating to ground heights, contours and surfaces, natural features.
9. Contractor to coordinate with PNOC Asset Management Department for the conduct of on-site joint inspection/validation of completed survey works (after submission of survey plan/s, field survey report). Work shall only be completed after the conduct of joint validation with PNOC representatives.
 10. Should there be a need to resolve boundary conflicts and/or other related concerns relative to the survey of the property/ies, the Contractor will provide PNOC after service data and information as maybe relevant.
 11. Meet with PNOC Asset Management Department representative for further instructions and available document for reference prior to the research/commencement of the survey works.

D. Other terms and conditions:

1. Expenses for research, representation, processing approval of subdivision plan, transportation, lodging and personnel costs shall be for the account of the contractor/surveyor.
2. Bidders should submit their bid per item and the bid amount must be inclusive of all applicable taxes.

E. Deliverables:

Item I

1. Relocation plan – (two copies original and two copies blue print).
2. Relocation plan with plotted areas of private lots verified, occupied by government projects, traversed by NGCP transmission line (two copies original and two copies blue print).
3. Aerial survey plan – indicating the boundaries of the lot and the private lots that overlap the property (two copies original and two copies blue print).
4. Approved subdivision plan (original and two blue prints copies)
5. Approved technical description and verified survey returns
6. Topographic survey plan (two copies original and two blue prints)
7. Digital copy of the report, survey plan, pictures & videos and KMZ files
8. Two (2) copies each of all the plans reduced in A3, A4 sizes.
9. Field notes, lot data computations, and narrative report (field survey report) of the survey undertaken with descriptions of the boundary monuments of the property and the control points used in the survey.
10. Photographs of the location of corners/installed monuments, pictures of the facilities/structures within the lot.

Item II

1. Relocation plan – (two copies original and two copies blue print).
2. Relocation plan with plotted areas of private lots verified, occupied by government projects, traversed by NGCP transmission line (two copies original and two copies blue print).
3. Aerial survey plan – indicating the boundaries of the lot and the private lots that overlap the property (two copies original and two copies blue print).
4. Topographic plan (two copies original and two blue prints)
5. Digital copy of the report, survey plan, pictures & videos and KMZ files
6. Aerial survey picture/video
7. Two (2) copies each of all the plans reduced in A3, A4 sizes.
8. Field notes, lot data computations, and narrative report (field survey report) of the survey undertaken with descriptions of the boundary monuments of the property and the control points used in the survey.
9. Photographs of the location of corners/installed monuments, pictures of the facilities/structures within the lot.

Item III

- i. Relocation plan of the lot– (two copies original and two copies blue print).
- ii. Relocation plan (with as-built) - (two copies original and two copies blue print).
- iii. Topographic survey plan - (two copies original and two blue prints)
- iv. Digital copy of the report, subdivision plan, pictures/videos and KMZ files.
- v. Two (2) copies each of all the plans reduced in A3, A4 sizes.
- vi. Field notes, lot data computations, and narrative report (field survey report) of the survey undertaken with descriptions of the boundary monuments of the property and the control points used in the survey.
- vii. Photographs of the location of corners/installed monuments, pictures of the facilities/structures within the lot.

F. Terms of Payment of Services Rendered for each Items:

Item I, II & III

1. Fifty (50%) percent upon completion of actual land survey and initial submission of draft plans for validation and fifty (50%) percent after validation by PNOC of survey works and submission of plans (final) and complete deliverables.

Item I – Subdivision Survey

2. Fifty (50%) percent after submission to PNOC of the draft subdivision plan and 50% percent after submission to PNOC of the LRA approved subdivision plan.
3. Full payment shall be made only upon submission to PNOC of all required deliverables and issuance by PNOC of the Certificate of Services Completed and/or Final Completion.

G. Qualification of the land surveyor/surveying companies:

1. **For Land Surveyor (Single proprietor) –**

- a. Must be a licensed Geodetic Engineer (either male or female) with valid license issued by Philippine Regulations Commission (PRC);
 - b. Firm must be duly registered with the Department of Trade and Industry (DTI).
 - c. Said land surveyor will lead in the actual survey works and signatory of all deliverables.
2. **For Land Surveying Companies (Corporation/Partnership) –**
- a. Should be owned/formed by a licensed Geodetic Engineers (either male or female) with valid licenses issued by the Philippine Regulations Commission (PRC).
 - b. Should be in the main business of Land Surveying Services.
 - c. Must be duly registered with the Securities and Exchange Commission (SEC).
 - d. Said Geodetic Engineers will lead and/or supervise the actual survey work.
3. Land surveyor (single proprietor/company/partnership) should have at least five (5) year minimum experience in land surveying services including their Geodetic Engineer/s to be assigned to undertake the actual land survey.
4. Have the necessary survey equipment (using RTK GPS); apparatus to be used in the aerial survey using airborne LiDAR System; tools and other personal protective equipment for their personnel; and service vehicle to transport its own personnel to carry the project and during their project execution.
5. Have the capacity to supply experienced key personnel (*Geodetic, survey aide, instrument man, CAD personnel, drone pilot*) to assist in the actual survey work.
6. Have the financial capacity to shoulder in advance the necessary expenses for: research, mobilization, transportations and lodging etc.
7. Must have various land surveying services fully completed for the last five (5) years. Listing should be submitted with details of amount of contract, duration and certification/proof of completion and contact person; b.) list of on-going contract/s (government & private, if any); and c.) awarded contract/s but not yet started.
8. Curriculum vitae of the geodetic engineers and all personnel assigned for the projects are required to be submitted for validation. Educational background, number of training and works experience are among the criteria considered by PNOC in choosing the winning contractor.

H. Definition of Similar Experience/Projects

Similar project – refers to completed projects on particular land surveying services as required by PNOC.

Related project – refers to completed projects on any other various land surveying services.

I. Criteria for short listing of bidders²:

	Criteria	Percentage	
I.	Years of experience <i>(Minimum of five (5) years in land surveying)</i> a. Firm experience in land surveying b. Client Satisfaction Survey	20% 10%	30%
II.	Qualification of Geodetic Engineer /personnel to be assigned to the Project D. Geodetic licensure and highest education attainment E. Geodetic professional training and other specialized trainings/seminar F. Previous land surveying projects (similar/related projects)	10% 15% 25%	50%
III	Current workload relative to Capacity C. Resource availability (<i>surveying instrument - RTK GPS, and other survey instrument; drone with aerial airborne LiDAR System; software; PPE; Service vehicle for survey team</i>) D. Team Availability (<i>availability of key personnel such as Geodetic Engineer to lead on site, instrument man, survey aide, drone pilot, auto CAD operator</i>)	5% 15%	20%
Total			100%

1. Criteria for Evaluation of Technical and Financial Bids of Short Listed Bidders³
(Quality – Cost Based Evaluation Procedure)

	Criteria	Percentage
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² Annex G – Detailed Criteria

³ Annex H – Detailed Criteria

I.	Technical Proposal		
	A. Plan of approach / work plan and timeframe	25%	
	B. Experience and capability of the surveying company/firm to complete the project	25%	
	C. Quality of personnel assigned to the project	20%	70%
II.	Financial Proposal		30%
	Bid amount	30%	
Total			100%

ANNEX “G”

Criteria for Short Listing of Prospective Bidders

(Land Surveying Consultancy)

<i>Criteria</i>	<i>Weight</i>		<i>Units of Measure</i>	1	2	3	4	5
I. Applicable Years of Experience and Track Record in Land Surveying Services of the Firm/Corp		30%						
a. Firm experience in land surveying (minimum of 5 years)	20%		# of years	x	x	5	6 - 9	10 & above
b. Client satisfaction survey	10%		Rating/ feedback	x	x	Satisfactory feedback	Very satisfactory rating / feedback	Outstanding rating/ feedback
II. Qualification of Geodetic Engineer/s to be assigned to the Project		50%						
a. Geodetic Licensure and Highest Educational attainment	10%		Career education	x	x	Geodetic Engineer – licensed with valid PRC ID	Geodetic Engineer – licensed with valid PRC ID and with MBA (other business courses)	Geodetic Engineer – licensed with valid PRC ID and with MBA (Engineering courses) appraiser and technical courses)
b. Geodetic professional training and other specialized trainings / seminar	15%		# of trainings	1 - 3	4 - 5	6 – 7	8 - 9	10 & above

<i>c. Previous land surveying projects (similar/related projects)</i>	25%		<i># of previous projects (similar / related)</i>	<i>1 - 3</i>	<i>4 - 6</i>	<i>7 - 10</i>	<i>11 - 15</i>	<i>16 & above</i>
III. Current workload relative to Capacity		20%						
a. Resource Availability (surveying instrument - RTK GPS, and other survey instrument; aerial surveying – drone, airborne LiDAR System); software; PPE of personnel; service vehicle of survey team; basic tools for clearing of areas to traverse	5%		<i>Resource availability</i>	<i>x</i>	<i>x</i>	<i>With ownership and availability of basic instrument, tools for land surveying and drone;</i> <i>Rental capability for specialized instrument such as airborne LiDAR</i>	<i>With ownership and availability of all land / aerial surveying instrument such as airborne LiDAR</i>	<i>With ownership and availability of all land/aerial surveying instrument such as airborne LiDAR</i> <i>With added highly technical instrument for effective and efficient actual survey work on site</i>
b. Team Availability <i>Key personnel such as:</i> <i>1. Geodetic Engineer – Site</i> <i>2. Instrument Man</i> <i>3. Drone Pilot</i> <i>4. Survey Aide</i> <i>5. AutoCAD Operator</i>	15%		<i>Number of key personnel assigned for the project</i>	<i>3 personnel</i> <i>(including the</i>	<i>4 – 5 personnel</i> <i>(including the Geodetic</i>	<i>Complete key personnel (6)</i>	<i>Complete Key personnel (6)</i> <i>plus added personnel</i>	<i>Complete key personnel (6)</i> <i>plus added</i>

6. Driver				Geode tic Engin eer – Site)	c Engine er – site)		(instrumen t man / survey aide on- site))	personnel Geodetic Engineer, instrument man/survey aide
		100%						

Notes:

1. Rating from 1 - 5, 5 being the highest

ANNEX “H”

Bid Evaluation of Short Listed Bidders for Land Survey Services

(Quality-Cost Based Evaluation Procedure)

<i>Criteria</i>	<i>Weight</i>		<i>Units of Measure</i>	1	2	3	4	5
I. Technical Proposal		70%						
<i>A. Plan of approach /Work Plan and Timeframe</i>								
<i>A.1 Comprehensiveness / innovativeness/ clarity of the plan</i>	15%		<i>Inclusion of all required activities prior to and after the conduct of actual survey as specified in the TOR ; use of modern technology</i>	<i>x</i>	<i>x</i>	<i>Compliant to the TOR</i>	<i>Compliant to the TOR with added plan / approach / innovativeness for effective & efficient survey work</i>	<i>Compliant to the TOR with added plan / approach / innovativeness for effective/efficient survey work</i> <i>With added use of highly technical equipment</i> <i>With added plan and capability to handle issue/s concerns raised by the illegal settlers to the survey team during the actual survey work.</i>

A.2 Timeframe for activity completion								
	10%		Completion within the project duration;	x	x	60 days	50-64 days	50 days below
B. Experience and capability of the surveying company /consultant to complete the project B.1. Experience of the company/consultant and key personnel								
	10%		# years of experience of the company and the Geodetic Engineer assigned to the project	x	x	5	6-9	10 & Above
	10%		# of years of experience of key staff (survey aide, instrument man, drone pilot)	1-2 yrs	3yrs	4yrs	5yrs	Above 5
B.2 Records of								

<i>previous engagement and quality of performance in similar & related projects</i>	5%		<i>Rating / feedback</i>	<i>x</i>	<i>Negative feedback</i>	<i>Mixed feedback (positive and negative)</i>	<i>Outstanding rating / feedback</i>	<i>Very satisfactory rating/ feedback</i>
C. Quality of personnel to be assigned								
<i>C.1 Geodetic Engineer</i>	10%		<i>General qualification including education and training</i>	<i>x</i>	<i>x</i>	<i>x</i>	<i>Degree holder, Licensed, w/ training</i>	<i>Licensed, w/ post grad & other license & 3 or more trainings</i>
<i>C.2 Survey Aide, Instrument Man, drone pilot, etc</i>	10%		<i>General qualification including education and training</i>	<i>x</i>	<i>x</i>	<i>Non degree holder / trained</i>	<i>Degree holder / trained</i>	<i>w/ post grad, licensed / trained</i>
I. Financial Proposal		30%						
<i>A. Amount of Bid (which should be below the ABC)</i>	30%		<p><i>The lowest Financial Proposal (FI) shall be given a Financial Score (Sf) of 100 points. The Sf of other Financial Proposals shall be computed based on the formula indicated below:</i></p> <p style="text-align: center;"><i>Sf= 100 x FI/F</i></p> <p><i>Where:</i></p> <p><i>Sf</i> is the financial score of the Financial Proposal under consideration;</p> <p><i>FI</i> is the lowest Financial Proposal; and</p> <p><i>F</i> is the Financial Proposal under consideration</p> <p style="text-align: center;"><u><i>Financial Ratings (Sf x 2).</i></u></p>					
TOTAL		100%						

Notes:

1. Rating from 1 -5, 5 being the highest

Project Location



- Item No. I = PNOC Area 7 (Brgy. Batangas Dos, Mariveles Bataan)
= Lot area 978,412sqm (22 hectares for segregation/subdivision survey covered by 12 TCTs)
- Item No. II = PNOC Area 8 (Brgy. Lamao, Limay, Bataan)
= Lot area 1,756,107sqm
- Item No. III = PNOC Area 2, 3 & 4 (inside PNOC Industrial Park)
= Lot area 829,278sqm

