

BIDDING DOCUMENTS

FOR

SUPPLY, DELIVERY & INSTALLATION OF A CLOUD-BASED GEOGRAPHIC INFORMATION SYSTEM (GIS)

GMA WATER DISTRICT

October 2016

TABLE OF CONTENTS

SECTION I. INVITATION TO BID.....3

SECTION II. INSTRUCTIONS TO BIDDERS.....6

SECTION III. BID DATA SHEET31

SECTION IV. GENERAL CONDITIONS OF CONTRACT36

SECTION V. SPECIAL CONDITIONS OF CONTRACT.....52

SECTION VI. SCHEDULE OF REQUIREMENTS.....57

SECTION VII. TECHNICAL SPECIFICATIONS59

SECTION VIII. BIDDING FORMS83

Section I. Invitation to Bid

***Invitation to Apply for Eligibility and to Bid
For the Supply, Delivery & Installation of a Cloud-Based
Geographic Information System (GIS)***

1. The ***General Mariano Alvarez Water District (GMAWD)*** through the ***GMAWD General Fund***, intends to apply the sum of ***Five Million Pesos (Php 5,000,000.00)*** being the Approved Budget for the Contract (ABC) to payments under the contract for the Supply, Delivery & Installation of a Cloud-Based Geographic Information System (GIS) / Contract No. 04-2016. Bids received in excess of the ABC shall be automatically rejected at the opening of the financial proposals.
2. The ***GMA Water District*** now invites bids for the Supply, Delivery & Installation of a Cloud-Based Geographic Information System (GIS). Installation of the System is required within Ninety (90) calendar days upon receipt of the Notice to Proceed. Bidders should have completed, within the last Five (5) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183 and subject to Commonwealth Act 138.

4. Interested bidders may obtain further information from ***GMA Water District*** and inspect the Bidding Documents at the address given below from 8:00 am to 4:00pm.
5. A complete set of Bidding Documents may be purchased by interested Bidders from the address below and upon payment of a nonrefundable fee for the Bidding Documents in the amount of ***Ten Thousand Pesos (Php 10,000.00)***.
6. GMAWD intends to limit the Pre-Bid Conference to Bidders who have purchased the Bidding Documents.

The ***GMA Water District*** will hold a Pre-Bid Conference on ***October 14, 2016 at 2:00 o'clock in the afternoon***, at the ***3rd Floor GMAWD Office Annex Building Block 4 Lot 1 Congressional Road, Brgy. Poblacion 2, GMA, Cavite***, which shall be open only to all interested parties who have purchased the Bidding Documents.

7. Bids must be delivered to the address below on or before **October 28, 2016, 1:00 pm 3rd Floor GMAWD Office Annex Building**. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 18.

Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

8. A **"TWO ENVELOPE"** system shall be adopted in the tendering. The *first bid envelope shall contain the qualification & eligibility documents and technical documents*. The *second envelope will contain the financial offer*.

9. **SCHEDULE OF BIDDING ACTIVITIES:**

a.	Posting at G-EPS	October 5, 2016
b.	Submission of Letter of Intent together with company profile	October 5-7, 2016
c.	Issuance and Availability of Eligibility and Bidding Documents	October 10-13, 2016
d.	Pre-Bid Conference	October 14, 2016, 2:00pm GMAWD Annex 3 rd Floor
e.	Deadline of Submission Eligibility & Bid Documents	October 28, 2016, 1:00pm GMAWD Annex 3 rd Floor
f.	Opening of Eligibility & Bids	October 28, 2016, 2:00pm GMAWD Annex 3 rd Floor

10. The **GMA Water District** reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidders of the grounds for the GMAWD's action.

11. For further information, please refer to:

Engr. Jovic A. Calvadores
BAC_Chairperson

Block 4 Lot 1, Congressional Road, Barangay Poblacion 2, GMA, Cavite
046-460-4645, 4117(municipality code)
gmawaterdistrict@yahoo.co.in
fax no. 046-4604645

Section II. Instruction to Bidders

General

1. Scope of Bid

- 1.1. The procuring entity named in the **BDS** (hereinafter referred to as the “Procuring Entity”) wishes to receive bids for supply and delivery of the goods as described in Section VII. Technical Specifications (hereinafter referred to as the “Goods”).
- 1.2. The name, identification, and number of lots specific to this bidding are provided in the **BDS**. The contracting strategy and basis of evaluation of lots is described in ITB Clause 28.

2. Source of Funds

The Procuring Entity has a budget or has applied for or received funds from the Funding Source named in the **BDS**, and in the amount indicated in the **BDS**. It intends to apply part of the funds received for the Project, as defined in the **BDS**, to cover eligible payments under the contract.

3. Corrupt, Fraudulent, Collusive, and Coercive Practices

- 3.1. Unless otherwise specified in the **BDS**, the Procuring Entity as well as the bidders and suppliers shall observe the highest standard of ethics during the procurement and execution of the contract. In pursuance of this policy, the Procuring Entity:
 - (a) defines, for purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the government, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in RA 3019.
 - (ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition.

- (iii) “collusive practices” means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Procuring Entity, designed to establish bid prices at artificial, non-competitive levels.
- (iv) “coercive practices” means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract;
- (v) “obstructive practice” is
 - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an administrative proceedings or investigation of the Procuring Entity or any foreign government/foreign or international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or
 - (bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.

(b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in any of the practices mentioned in this Clause for purposes of competing for the contract.

3.2. Further, the Procuring Entity will seek to impose the maximum civil, administrative, and/or criminal penalties available under applicable laws on individuals and organizations deemed to be involved in any of the practices mentioned in ITB Clause 3.1(a).

3.3. Furthermore, the Funding Source and the Procuring Entity reserve the right to inspect and audit records and accounts of a bidder or supplier in the bidding for and performance of a contract themselves or through independent auditors as reflected in the GCC Clause 3.

4. Conflict of Interest

4.1. All Bidders found to have conflicting interests shall be disqualified to participate in the procurement at hand, without prejudice to the imposition of appropriate administrative, civil, and criminal sanctions. A Bidder may be considered to have conflicting interests with another Bidder in any of the events described in paragraphs (a) through (c) below and a general conflict of

interest in any of the circumstances set out in paragraphs (d) through (f) below

- (a) A Bidder has controlling shareholders in common with another Bidder;
- (b) A Bidder receives or has received any direct or indirect subsidy from any other Bidder;
- (c) A Bidder has the same legal representative as that of another Bidder for purposes of this bid;
- (d) A Bidder has a relationship, directly or through third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder or influence the decisions of the Procuring Entity regarding this bidding process. This will include a firm or an organization who lends, or temporarily seconds, its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for or implementation of the project if the personnel would be involved in any capacity on the same project;
- (e) A Bidder submits more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid; or
- (f) A Bidder who participated as a consultant in the preparation of the design or technical specifications of the Goods and related services that are the subject of the bid.

4.2. In accordance with Section 47 of the IRR of RA 9184, all Bidding Documents shall be accompanied by a sworn affidavit of the Bidder that it is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), members of the Technical Working Group (TWG), members of the BAC Secretariat, the head of the Project Management Office (PMO) or the end-user unit, and the project consultants, by consanguinity or affinity up to the third civil degree. On the part of the Bidder, this Clause shall apply to the following persons:

- (a) If the Bidder is an individual or a sole proprietorship, to the Bidder himself;
- (b) If the Bidder is a partnership, to all its officers and members;
- (c) If the Bidder is a corporation, to all its officers, directors, and controlling stockholders; and
- (d) If the Bidder is a joint venture (JV), the provisions of items (a), (b), or
- (e) of this Clause shall correspondingly apply to each of the members of the said JV, as may be appropriate.

Relationship of the nature described above or failure to comply with this Clause will result in the automatic disqualification of a Bidder.

5. Eligible Bidders

- 5.1. Unless otherwise provided in the **BDS**, the following persons shall be eligible to participate in this bidding:
- (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, and of which at least sixty percent (60%) of the interest belongs to citizens of the Philippines; and
 - (e) Unless otherwise provided in the **BDS**, persons/entities forming themselves into a JV, *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 of the joint venture concerned shall be at least sixty percent (60%).
- 5.2. Foreign bidders may be eligible to participate when any of the following circumstances exist, as specified in the **BDS**:
- (a) When a Treaty or International or Executive Agreement as provided in Section 4 of the RA 9184 and its IRR allow foreign bidders to participate;
 - (b) Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - (c) When the Goods sought to be procured are not available from local suppliers; or
 - (d) When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Government corporate entities 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 dependent agencies of the GOP or the Procuring Entity.
- 5.4. Unless otherwise provided in the **BDS**, the Bidder must have completed at least one contract similar to the Project the value of which, adjusted to current

For this purpose, contracts similar to the Project shall be those described in the **BDS**, and completed within the relevant period stated in the Invitation to Bid

and **ITB** Clause 12.1(a)(iii).

- 5.5. The Bidder must submit a computation of its Net Financial Contracting Capacity (NFCC) or a commitment from a Universal or Commercial Bank to extend a credit line in its favor if awarded the contract for this Project (CLC).

The NFCC, computed using the following formula, must be at least equal to the ABC to be bid:

NFCC = [(Current assets minus current liabilities) (K)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract for this Project.

Where:

K = 10 for a contract duration of one year or less, 15 for a contract duration of more than one year up to two years, and 20 for a contract duration of more than two years.

The CLC must be at least equal to ten percent (10%) of the ABC for this Project. If issued by a foreign bank, it shall be confirmed or authenticated by a Universal or Commercial Bank. In the case of local government units (LGUs), the Bidder may also submit CLC from other banks certified by the *Bangko Sentral ng Pilipinas* (BSP) as authorized to issue such financial instrument.

6. Bidder's Responsibilities

- 6.1. The Bidder or its duly authorized representative shall submit a sworn statement in the form prescribed in Section VIII. Bidding Forms as required in **ITB** Clause 12.1(b)(iii).
- 6.2. The Bidder is responsible for the following:
- (a) Having taken steps to carefully examine all of the Bidding Documents;
 - (b) Having acknowledged all conditions, local or otherwise, affecting the implementation of the contract;
 - (c) Having made an estimate of the facilities available and needed for the contract to be bid, if any;
 - (d) Having complied with its responsibility to inquire or secure Supplemental/Bid Bulletin(s) as provided under **ITB** Clause 10.3.
 - (e) Ensuring that it 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 GPPB
 - (f) Authorizing the Head of the Procuring Entity or its duly authorized representative/s to verify all the documents submitted;

- (g) Ensuring that the signatory is the duly authorized representative of the Bidder, and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the Bidder in the bidding, with the duly notarized Secretary's Certificate attesting to such fact, if the Bidder is a corporation, partnership, cooperative, or joint venture
 - (h) Complying with existing labor laws and standards, in the case of procurement of services.
 - (i) Failure to observe any of the above responsibilities shall be at the risk of the Bidder concerned.
- 6.3. The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents.
- 6.4. It shall be the sole responsibility of the Bidder to determine and to satisfy itself by such means as it considers necessary or desirable as to all matters pertaining to the contract to be bid, including: (a) the location and the nature of this Project; (b) climatic conditions; (c) transportation facilities; and (d) other factors that may affect the cost, duration, and execution or implementation of this Project.
- 6.5. The Procuring Entity shall not assume any responsibility regarding erroneous interpretations or conclusions by the prospective or eligible bidder out of the data furnished by the procuring entity.
- 6.6. The Bidder shall bear all costs associated with the preparation and submission of his bid, and the Procuring Entity will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 6.7. Before submitting their bids, the Bidder is deemed to have become familiar with all existing laws, decrees, ordinances, acts and regulations of the Philippines which may affect this Project in any way.
- 6.8. The Bidder should note that the Procuring Entity will accept bids only from those that have paid the nonrefundable fee for the Bidding Documents at the office indicated in the Invitation to Bid.

7. Origin of Goods

Unless otherwise indicated in the **BDS**, there is no restriction on the origin of goods other than those prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, subject to **ITB** Clause 27.1.

8. Subcontracts

- 8.1. Unless otherwise specified in the **BDS**, the Bidder may subcontract portions of the Goods to an extent as may be approved by the Procuring Entity and stated in the **BDS**. However, subcontracting of any portion shall not relieve the Bidder from any liability or obligation that may arise from the contract for this Project.

- 8.2. Subcontractors must comply with the eligibility criteria and the documentary requirements specified in the **BDS**. In the event that any subcontractor is found by the Procuring Entity to be ineligible, the subcontracting of such portion of the Goods shall be disallowed.
- 8.3. The Bidder may identify the subcontractor to whom a portion of the Goods will be subcontracted at any stage of the bidding process or during contract implementation. If the Bidder opts to disclose the name of the subcontractor during bid submission, the Bidder shall include the required documents as part of the technical component of its bid.

B. Contents of Bidding Documents

9. Pre-Bid Conference

- 9.1. (a) If so specified in the **BDS**, a pre-bid conference shall be held at the venue and on the date indicated therein, to clarify and address the Bidders' questions on the technical and financial components of this Project.

*(b) The pre-bid conference shall be held at least twelve (12) calendar days before the deadline for the submission and receipt of bids. If the Procuring Entity determines that, by reason of the method, nature, or complexity of the contract to be bid, or when international participation will be more advantageous to the GOP, a longer period for the preparation of bids is necessary, the pre-bid conference shall be held at least thirty (30) calendar days before the deadline for the submission and receipt of bids, as specified in the **BDS**.*
- 9.2. Bidders are encouraged to attend the pre-bid conference to ensure that they fully understand the Procuring Entity's requirements. Non-attendance of the Bidder will in no way prejudice its bid; however, the Bidder is expected to know the changes and/or amendments to the Bidding Documents discussed during the pre-bid conference.
- 9.3. Any statement made at the pre-bid conference shall not modify the terms of the Bidding Documents unless such statement is specifically identified in writing as an amendment thereto and issued as a Supplemental/Bid Bulletin.

10. Clarification and Amendment of Bidding Documents

- 10.1. Bidders who have purchased the Bidding Documents may request for clarification on any part of the Bidding Documents for an interpretation. Such request must be in writing and submitted to the Procuring Entity at the address indicated in the **BDS** at least ten (10) calendar days before the deadline set for the submission and receipt of bids.
- 10.2. Supplemental/Bid Bulletins may be issued upon the Procuring Entity's initiative for purposes of clarifying or modifying any provision of the Bidding Documents not later than seven (7) calendar days before the deadline for the submission and receipt of bids. Any modification to the Bidding Documents shall be identified as an amendment.

- 10.3. Any Supplemental/Bid Bulletin issued by the BAC shall also be posted on the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity concerned, if available. It shall be the responsibility of all Bidders who secure the Bidding Documents to inquire and secure Supplemental/Bid Bulletins that may be issued by the BAC. However, Bidders who have submitted bids before the issuance of the Supplemental/Bid Bulletin must be informed and allowed to modify or withdraw their bids in accordance with **ITB** Clause 23.

C. Preparation of Bids

11. Language of Bid

The bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring Entity, shall be written in English. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation in English certified by the appropriate embassy or consulate in the Philippines, in which case the English translation shall govern for purposes of interpretation of the bid.

12. Documents Comprising the Bid: Eligibility and Technical Components

- 12.1. Unless otherwise indicated in the **BDS**, the first envelope shall contain the following eligibility and technical documents:

- (a) Eligibility Documents –

Class “A” Documents:

- (i) Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives, or any proof of such registration as stated in the **BDS**;
- (ii) Mayor’s permit issued by the city or municipality where the principal place of business of the prospective bidder is located;
- (iii) Statement of all its ongoing and completed government and private contracts within the period stated in the **BDS**, including contracts awarded but not yet started, if any. The statement shall include, for each contract, the following:
 - (iii.1) name of the contract;
 - (iii.2) date of the contract;
 - (iii.3) kinds of Goods;
 - (iii.4) amount of contract and value of outstanding contracts;
 - (iii.5) date of delivery; and
 - (iii.6) end user’s acceptance or official receipt(s) issued for the contract, if completed.
- (iv) Audited financial statements, stamped “received” by the Bureau of Internal Revenue (BIR) or its duly accredited and

authorized institutions, for the preceding calendar year, which should not be earlier than two (2) years from bid submission;

- (v) NFCC computation or CLC in accordance with **ITB** Clause 5.5; and

Class “B” Document:

- (vi) If applicable, the JVA in case the joint venture is already 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.

(b) Technical Documents –

- (i) Bid security in accordance with **ITB** Clause 18. If the Bidder opts to submit the bid security in the form of:
 - (i.1) a bank draft/guarantee or an irrevocable letter of credit issued by a foreign bank, it shall be accompanied by a confirmation from a Universal or Commercial Bank; or
 - (i.2) a surety bond, it shall be accompanied by a certification by the Insurance Commission that the surety or insurance company is authorized to issue such instruments;
- (ii) Conformity with technical specifications, as enumerated and specified in Sections VI and VII; and Special Requirements of the Bidding Documents; and
- (iii) Sworn statement in accordance with Section 25.2(a) (iv) of the IRR of RA 9184 and using the form prescribed in Section VIII. Bidding Forms

13. Documents Comprising the Bid: Financial Component

13.1. Unless otherwise stated in the **BDS**, the financial component of the bid shall contain the following:

- (a) Financial Bid Form, which includes bid prices and the bill of quantities and the applicable Price Schedules, in accordance with **ITB** Clauses 15.1 and 15.4;
- (b) If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification from the DTI, SEC, or CDA issued in accordance with **ITB** Clause 27, unless otherwise provided in the **BDS**; and
- (c) Any other document related to the financial component of the bid as stated in the **BDS**.

13.2. (a) Unless otherwise stated in the **BDS**, all bids that exceed the ABC shall not be accepted.

- (b) Unless otherwise indicated in the **BDS**, for foreign-funded procurement, a ceiling may be applied to bid prices provided the following conditions are met:
- (i) Bidding Documents are obtainable free of charge on a freely accessible website. If payment of Bidding Documents is required by the procuring entity, payment could be made upon the submission of bids.
 - (ii) The procuring entity has procedures in place to ensure that the ABC is based on recent estimates made by the responsible unit of the procuring entity and that the estimates reflect the quality, supervision and risk and inflationary factors, as well as prevailing market prices, associated with the types of works or goods to be procured.
 - (iii) The procuring entity has trained cost estimators on estimating prices and analyzing bid variances.
 - (iv) The procuring entity has established a system to monitor and report bid prices relative to ABC and engineer's/procuring entity's estimate.
 - (v) The procuring entity has established a system to monitor and report bid prices relative to ABC and procuring entity's estimate. The procuring entity has established a monitoring and evaluation system for contract implementation to provide a feedback on actual total costs of goods and works.

14. Alternative Bids

Alternative Bids shall be rejected. For this purpose, alternative bid is an offer made by a Bidder in addition or as a substitute to its original bid which may be included as part of its original bid or submitted separately therewith for purposes of bidding. A bid with options is considered an alternative bid regardless of whether said bid proposal is contained in a single envelope or submitted in two (2) or more separate bid envelopes.

15. Bid Prices

- 15.1. The Bidder shall complete the appropriate Price Schedules included herein, stating the unit prices, total price per item, the total amount and the expected countries of origin of the Goods to be supplied under this Project.
- 15.2. The Bidder shall fill in rates and prices for all items of the Goods described in the Bill of Quantities. Bids not addressing or providing all of the required items in the Bidding Documents including, where applicable, Bill of Quantities, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a "0" (zero) for the said item would mean that it is being offered for free to the Government.

- 15.3. The terms Ex Works (EXW), Cost, Insurance and Freight (CIF), Cost and Insurance Paid to (CIP), Delivered Duty Paid (DDP), and other trade terms used to describe the obligations of the parties, shall be governed by the rules prescribed in the current edition of the International Commercial Terms (INCOTERMS) published by the International Chamber of Commerce, Paris.
- 15.4. Prices indicated on the Price Schedule shall be entered separately in the following manner:
- (a) For Goods offered from within the Procuring Entity's country:
 - (i) The price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable:
 - (i.1) on the components and raw material used in the manufacture or assembly of Goods quoted ex works or ex factory; or
 - (i.2) on the previously imported Goods of foreign origin quoted ex warehouse, ex showroom, or off-the-shelf and any Procuring Entity country sales and other taxes which will be payable on the Goods if the contract is awarded.
 - (ii) The price for inland transportation, insurance, and other local costs incidental to delivery of the Goods to their final destination.
 - (iii) The price of other (incidental) services, if any, listed in the **BDS**.
 - (b) For Goods offered from abroad:
 - (i) Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted DDP with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
 - (ii) The price of other (incidental) services, if any, listed in the **BDS**.
- 15.5. Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation or price escalation on any account. A bid submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected, pursuant to **ITB** Clause 24.

All bid prices shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances. Extraordinary circumstances refer to events that may be determined by the National Economic and Development Authority in

accordance with the Civil Code of the Philippines, and upon the recommendation of the Procuring Entity. Nevertheless, in cases where the cost of the awarded contract is affected by any applicable new laws, ordinances, regulations, or other acts of the GOP, promulgated after the date of bid opening, a contract price adjustment shall be made or appropriate relief shall be applied on a no loss-no gain basis.

16. Bid Currencies

16.1. Prices shall be quoted in the following currencies:

- (a) For Goods that the Bidder will supply from within the Philippines, the prices shall be quoted in Philippine Pesos.
- (b) For Goods that the Bidder will supply from outside the Philippines, the prices may be quoted in the currency(ies) stated in the **BDS**. However, for purposes of bid evaluation, bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

16.2. If so allowed in accordance with **ITB** Clause 16.1, the Procuring Entity for purposes of bid evaluation and comparing the bid prices will convert the amounts in various currencies in which the bid price is expressed to Philippine Pesos at the foregoing exchange rates.

16.3. Unless otherwise specified in the BDS, payment of the contract price shall be made in Philippine Pesos.

17. Bid Validity

17.1. Bids shall remain valid for the period specified in the **BDS** which shall not exceed one hundred twenty (120) calendar days from the date of the opening of bids.

17.2. In exceptional circumstances, prior to the expiration of the Bid validity period, the Procuring Entity may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. The bid security described in **ITB** Clause 18 should also be extended corresponding to the extension of the bid validity period at the least. A Bidder may refuse the request without forfeiting its bid security, but his bid shall no longer be considered for further evaluation and award. A Bidder granting the request shall not be required or permitted to modify its bid.

18. Bid Security

18.1. The bid security in the amount stated in the **BDS** shall be equal to the percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security (Equal to Percentage of the ABC)
(a) Cash or cashier's/manager's check issued by a Universal or a Commercial Bank.	Two percent (2%)
(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or a Commercial Bank: Provided, however, that it shall be confirmed or authenticated by Universal or a Commercial Bank, if issued by a foreign bank.	
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%)
(d) Any combination of the foregoing.	Proportionate to share of form with respect to total amount of security.

For biddings conducted by LGUs, the Bidder may also submit bid securities in the form of cashier's/manager's check, bank draft/guarantee, or irrevocable

- 18.2. The bid security should be valid for the period specified in the **BDS**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.
- 18.3. No bid securities shall be returned to bidders after the opening of bids and before contract signing, except to those that failed or declared as post-disqualified, upon submission of a written waiver of their right to file a motion for reconsideration and/or protest. Without prejudice on its forfeiture, bid securities shall be returned only after the bidder with the Lowest Calculated and Responsive Bid has signed the contract and furnished the performance security, but in no case later than the expiration of the bid security validity period indicated in **ITB** Clause 18.2.
- 18.4. Upon signing and execution of the contract pursuant to **ITB** Clause 32, and the posting of the performance security pursuant to **ITB** Clause 33, the successful Bidder's bid security will be discharged, but in no case later than the bid security validity period as indicated in the **ITB** Clause 18.2.
- 18.5. The bid security may be forfeited:
- (a) if a Bidder:
 - (i) withdraws its bid during the period of bid validity specified in **ITB** Clause 17;

- (ii) does not accept the correction of errors pursuant to **ITB** Clause 28.3(b);
 - (iii) fails to submit the requirements within the prescribed period or a finding against their veracity as stated in **ITB** Clause 29.2;
 - (iv) submission of eligibility requirements containing false information or falsified documents;
 - (v) submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding;
 - (vi) allowing the use of one's name, or using the name of another for purposes of public bidding;
 - (vii) withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the Lowest Calculated and Responsive Bid;
 - (viii) refusal or failure to post the required performance security within the prescribed time;
 - (ix) refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification;
 - (x) any documented attempt by a bidder to unduly influence the outcome of the bidding in his favor;
 - (xi) failure of the potential joint venture partners to enter into the joint venture after the bid is declared successful; or
 - (xii) all other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.
- (b) if the successful Bidder:
- (i) fails to sign the contract in accordance with **ITB** Clause 32; or
 - (ii) fails to furnish performance security in accordance with **ITB** Clause 33.

19. Format and Signing of Bids

- 19.1. Bidders shall submit their bids through their duly authorized representative using the appropriate forms provided in Section VIII. Bidding Forms on or before the deadline specified in the **ITB** Clauses 21 in two (2) separate sealed bid envelopes, and which shall be submitted simultaneously. The first shall contain the technical component of the bid, including the eligibility

requirements under **ITB** Clause 12.1, and the second shall contain the financial component of the bid.

- 19.2. Forms as mentioned in **ITB** Clause 19.1 must be completed without any alterations to their format, and no substitute form shall be accepted. All blank spaces shall be filled in with the information requested.
- 19.3. The Bidder shall prepare and submit an original of the first and second envelopes as described in **ITB** Clauses 12 and 13. In the event of any discrepancy between the original and the copies, the original shall prevail.
- 19.4. The bid, except for un-amended printed literature, shall be signed, and each and every page thereof shall be initialed, by the duly authorized representative/s of the Bidder.
- 19.5. Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s of the Bidder.
- 19.6. The bid, except for un-amended printed literature, shall be signed, and each and every page thereof shall be initialed, by the duly authorized representative/s of the Bidder.
- 19.7. Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s of the Bidder.

20. Sealing and Marking of Bids

- 20.1. Bidders shall enclose their original eligibility and technical documents described in **ITB** Clause 12 in one sealed envelope marked “ORIGINAL - TECHNICAL COMPONENT”, and the original of their financial component in another sealed envelope marked “ORIGINAL - FINANCIAL COMPONENT”, sealing them all in an outer envelope marked “ORIGINAL BID”.
- 20.2. Each copy of the first and second envelopes shall be similarly sealed duly marking the inner envelopes as “COPY NO. ____ - TECHNICAL COMPONENT” and “COPY NO. ____ - FINANCIAL COMPONENT” and the outer envelope as “COPY NO. ____”, respectively. These envelopes containing the original and the copies shall then be enclosed in one single envelope.
- 20.3. The original and the number of copies of the Bid as indicated in the **BDS** shall be typed or written in indelible ink and shall be signed by the bidder or its duly authorized representative/s.
- 20.4. All envelopes shall:
 - (a) contain the name of the contract to be bid in capital letters;
 - (b) bear the name and address of the Bidder in capital letters;
 - (c) be addressed to the Procuring Entity’s BAC in accordance with **ITB** Clause 1.1;

- (d) bear the specific identification of this bidding process indicated in the **Instruction to Bid**; and
 - (e) bear a warning “DO NOT OPEN BEFORE...” the date and time for the opening of bids, in accordance with **ITB** Clause 21.
- 20.5. If bids are not sealed and marked as required, the Procuring Entity will assume no responsibility for the misplacement or premature opening of the bid.

D. Submission and Opening of Bids

21. Deadline for Submission of Bids

Bids must be received by the Procuring Entity’s BAC at the address and on or before the date and time indicated in the **BDS**.

22. Late Bids

Any bid submitted after the deadline for submission and receipt of bids prescribed by the Procuring Entity, pursuant to **ITB** Clause 21, shall be declared “Late” and shall not be accepted by the Procuring Entity.

23. Modification and Withdrawal of Bids

- 23.1. The Bidder may modify its bid after it has been submitted; provided that the modification is received by the Procuring Entity prior to the deadline prescribed for submission and receipt of bids. The Bidder shall not be allowed to retrieve its original bid, but shall be allowed to submit another bid equally sealed, properly identified, linked to its original bid marked as “TECHNICAL MODIFICATION” or “FINANCIAL MODIFICATION” and stamped “received” by the BAC. Bid modifications received after the applicable deadline shall not be considered and shall be returned to the Bidder unopened.
- 23.2. A Bidder may, through a Letter of Withdrawal, withdraw its bid 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 bids.
- 23.3. Bids requested to be withdrawn in accordance with **ITB** Clause 23.1 shall be returned unopened to the Bidders. A Bidder 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 bids. A Bidder that withdraws its bid shall not be permitted to submit another bid, directly or indirectly, for the same contract.
- 23.4. No bid may be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Financial Bid Form. Withdrawal of a bid during this interval shall result in the forfeiture of the Bidder’s bid security, pursuant to **ITB** Clause 18.5, and the imposition of administrative, civil and criminal sanctions as prescribed by RA 9184 and its IRR.

24. Opening and Preliminary Examination of Bids

- 24.1. The BAC shall open the first bid envelopes of Bidders in public as specified in the **BDS** to determine each Bidder's compliance with the documents prescribed in **ITB** Clause 12. For this purpose, the BAC shall check the submitted documents of each bidder against a checklist of required documents to ascertain if they are all present, using a non-discretionary "pass/fail" criterion. If a bidder submits the required document, it shall be rated "passed" for that particular requirement. In this regard, bids that fail to include any requirement or are incomplete or patently insufficient shall be considered as "failed". Otherwise, the BAC shall rate the said first bid envelope as "passed".
- 24.2. Unless otherwise specified in the BDS, immediately after determining compliance with the requirements in the first envelope, the BAC shall forthwith open the second bid envelope of each remaining eligible bidder whose first bid envelope was rated "passed". The second envelope of each complying bidder shall be opened within the same day. In case one or more of the requirements in the second envelope of a particular bid is missing, incomplete or patently insufficient, and/or if the submitted total bid price exceeds the ABC unless otherwise provided in **ITB** Clause 13.2, the BAC shall rate the bid concerned as "failed". Only bids that are determined to contain all the bid requirements for both components shall be rated "passed" and shall immediately be considered for evaluation and comparison.
- 24.3. Letters of withdrawal shall be read out and recorded during bid opening, and the envelope containing the corresponding withdrawn bid shall be returned to the Bidder unopened. If the withdrawing Bidder's representative is in attendance, the original bid and all copies thereof shall be returned to the representative during the bid opening. If the representative is not in attendance, the bid shall be returned unopened by registered mail. The Bidder may withdraw its bid prior to the deadline for the submission and receipt of bids, provided that the corresponding Letter of Withdrawal contains a valid authorization requesting for such withdrawal, subject to appropriate administrative sanctions.
- 24.4. If a Bidder has previously secured a certification from the Procuring Entity to the effect that it has previously submitted the above-enumerated Class "A" Documents, the said certification may be submitted in lieu of the requirements enumerated in **ITB** Clause 12.1(a), items (i) to (v).
- 24.5. In the case of an eligible foreign Bidder as described in **ITB** Clause 5, the Class "A" Documents described in **ITB** Clause 12.1(a) may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign Bidder concerned.
- 24.6. Each partner of a joint venture agreement shall likewise submit the requirements in **ITB** Clauses 12.1(a)(i) and 12.1(a)(ii). Submission of documents required under **ITB** Clauses 12.1(a)(iii) to 12.1(a)(v) by any of the joint venture partners constitutes compliance.
- 24.7. A Bidder determined as "failed" has three (3) calendar days upon written notice or, if present at the time of bid opening, upon verbal notification, within which to file a request or motion for reconsideration with the BAC: Provided,

however, that the motion for reconsideration shall not be granted if it is established that the finding of failure is due to the fault of the Bidder concerned: Provided, further, that the BAC shall decide on the request for reconsideration within seven (7) calendar days from receipt thereof. If a failed Bidder signifies his intent to file a motion for reconsideration, the BAC shall keep the bid envelopes of the said failed Bidder unopened and/or duly sealed until such time that the motion for reconsideration or protest has been resolved.

- 24.8. The Procuring Entity shall prepare the minutes of the proceedings of the bid opening that shall include, as a minimum:(a) names of Bidders, their bid price, bid security, findings of preliminary examination; and (b) attendance sheet. The BAC members shall sign the abstract of bids as read.

E. Evaluation and Comparison of Bids

25. Process to be Confidential

- 25.1. Members of the BAC, including its staff and personnel, as well as its Secretariat and TWG, are prohibited from making or accepting any kind of communication with any bidder regarding the evaluation of their bids until the issuance of the Notice of Award, unless otherwise allowed in the case of **ITB** Clause 26.
- 25.2. Any effort by a bidder to influence the Procuring Entity in the Procuring Entity's decision in respect of bid evaluation, bid comparison or contract award will result in the rejection of the Bidder's bid.

26. Clarification of Bids

To assist in the evaluation, comparison, and post-qualification of the bids, the Procuring Entity may ask in writing any Bidder for a clarification of its bid. All responses to requests for clarification shall be in writing. Any clarification submitted by a Bidder in respect to its bid and that is not in response to a request by the Procuring Entity shall not be considered.

27. Domestic Preference

- 27.1. Unless otherwise stated in the **BDS**, the Procuring Entity will grant a margin of preference for the purpose of comparison of bids in accordance with the following:
- (a) The preference shall be applied when (i) the lowest Foreign Bid is lower than the lowest bid offered by a Domestic Bidder, or (ii) the lowest bid offered by a non-Philippine national is lower than the lowest bid offered by a Domestic Entity.
 - (b) For evaluation purposes, the lowest Foreign Bid or the bid offered by a non-Philippine national shall be increased by fifteen percent (15%).
 - (c) In the event that (i) the lowest bid offered by a Domestic Entity does not exceed the lowest Foreign Bid as increased, or (ii) the lowest bid offered by a non-Philippine national as increased, then the Procuring

Entity shall award the contract to the Domestic Bidder/Entity at the amount of the lowest Foreign Bid or the bid offered by a non-Philippine national, as the case may be.

- (d) If the Domestic Entity/Bidder refuses to accept the award of contract at the amount of the Foreign Bid or bid offered by a non-Philippine national within two (2) calendar days from receipt of written advice from the BAC, the Procuring Entity shall award to the bidder offering the Foreign Bid or the non-Philippine national, as the case may be, subject to post-qualification and submission of all the documentary requirements under these Bidding Documents.
- 27.2. A Bidder may be granted preference as a Domestic Entity subject to the certification from the DTI (in case of sole proprietorships), SEC (in case of partnerships and corporations), or CDA (in case of cooperatives) that the (a) sole proprietor is a citizen of the Philippines or the partnership, corporation, cooperative, or association is duly organized under the laws of the Philippines with at least seventy five percent (75%) of its interest or outstanding capital stock belonging to citizens of the Philippines, (b) habitually established in business and habitually engaged in the manufacture or sale of the merchandise covered by his bid, and (c) the business has been in existence for at least five (5) consecutive years prior to the advertisement and/or posting of the Invitation to Bid for this Project.
- 27.3. A Bidder may be granted preference as a Domestic Bidder subject to the certification from the DTI that the Bidder is offering unmanufactured articles, materials or supplies of the growth or production of the Philippines, or manufactured articles, materials, or supplies manufactured or to be manufactured in the Philippines substantially from articles, materials, or supplies of the growth, production, or manufacture, as the case may be, of the Philippines.

28. Detailed Evaluation and Comparison of Bids

- 28.1. The Procuring Entity will undertake the detailed evaluation and comparison of bids which have passed the opening and preliminary examination of bids, pursuant to **ITB** Clause 24, in order to determine the Lowest Calculated Bid.
- 28.2. The Lowest Calculated Bid shall be determined in two steps:
- (a) The detailed evaluation of the financial component of the bids, to establish the correct calculated prices of the bids; and
 - (b) The ranking of the total bid prices as so calculated from the lowest to the highest. The bid with the lowest price shall be identified as the Lowest Calculated Bid.
- 28.3. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all bids rated "passed," using non-discretionary pass/fail criteria. Unless otherwise specified in the **BDS**, the BAC shall consider the following in the evaluation of bids:
- (a) Completeness of the bid. Unless the ITB specifically allows partial bids, bids not addressing or providing all of the required items in the

Schedule of Requirements including, where applicable, bill of quantities, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a "0" (zero) for the said item would mean that it is being offered for free to the Procuring Entity; and

- 28.4. Based on the detailed evaluation of bids, those that comply with the above-mentioned requirements shall be ranked in the ascending order of their total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, to identify the Lowest Calculated Bid. Total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, which exceed the ABC shall not be considered, unless otherwise indicated in the **BDS**.
- 28.5. The Procuring Entity's evaluation of bids shall only be based on the bid price quoted in the Financial Bid Form.
- 28.6. Bids shall be evaluated on an equal footing to ensure fair competition. For this purpose, all bidders shall be required to include in their bids the cost of all taxes, such as, but not limited to, value added tax (VAT), income tax, local taxes, and other fiscal levies and duties which shall be itemized in the bid form and reflected in the detailed estimates. Such bids, including said taxes, shall be the basis for bid evaluation and comparison.

29. Post-Qualification

- 29.1. The Procuring Entity shall determine to its satisfaction whether the Bidder that is evaluated as having submitted the Lowest Calculated Bid (LCB) complies with and is responsive to all the requirements and conditions specified in **ITB** Clauses 5, 12, and 13.
- 29.2. Within a non-extendible period of three (3) calendar days from receipt by the bidder of the notice from the BAC that it submitted the LCB, the Bidder shall submit the following documentary requirements:
 - (a) Tax clearance per Executive Order 398, Series of 2005;
 - (b) Latest income and business tax returns in the form specified in the **BDS**;
 - (c) Certificate of PhilGEPS Registration; and
 - (d) Other appropriate licenses and permits required by law and stated in the **BDS**.

Failure of the Bidder declared as Lowest Calculated Bid to duly submit the requirements under this Clause or a finding against the veracity of such shall be ground for forfeiture of the bid security and disqualification of the Bidder for award.

- 29.3. The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted pursuant to **ITB** Clauses 12

and 13, as well as other information as the Procuring Entity deems necessary and appropriate, using a non-discretionary “pass/fail” criterion.

- 29.4. If the BAC determines that the Bidder with the Lowest Calculated Bid passes all the criteria for post-qualification, it shall declare the said bid as the Lowest Calculated Responsive Bid, and recommend to the Head of the Procuring Entity the award of contract to the said Bidder at its submitted price or its calculated bid price, whichever is lower.
- 29.5. A negative determination shall result in rejection of the Bidder’s Bid, in which event the Procuring Entity shall proceed to the next Lowest Calculated Bid to make a similar determination of that Bidder’s capabilities to perform satisfactorily. If the second Bidder, however, fails the post qualification, the procedure for post qualification shall be repeated for the Bidder with the next Lowest Calculated Bid, and so on until the Lowest Calculated Responsive Bid is determined for contract award.
- 29.6. Within a period not exceeding seven (7) calendar days from the date of receipt of the recommendation of the BAC, the Head of the Procuring Entity shall approve or disapprove the said recommendation. In the case of GOCCs and GFIs, the period provided herein shall be fifteen (15) calendar days.

30. Reservation Clause

- 30.1. Notwithstanding the eligibility or post-qualification of a Bidder, the Procuring Entity concerned reserves the right to review its qualifications at any stage of the procurement process if it has reasonable grounds to believe that a misrepresentation has been made by the said Bidder, or that there has been a change in the Bidder’s capability to undertake the project from the time it submitted its eligibility requirements. Should such review uncover any misrepresentation made in the eligibility and bidding requirements, statements or documents, or any changes in the situation of the Bidder which will affect its capability to undertake the project so that it fails the preset eligibility or bid evaluation criteria, the Procuring Entity shall consider the said Bidder as ineligible and shall disqualify it from submitting a bid or from obtaining an award or contract.
- 30.2. Based on the following grounds, the Procuring Entity reserves the right to reject any and all bids, declare a failure of bidding at any time prior to the contract award, or not to award the contract, without thereby incurring any liability, and make no assurance that a contract shall be entered into as a result of the bidding:
 - (a) If there is *prima facie* evidence of collusion between appropriate public officers or employees of the Procuring Entity, or between the BAC and any of the Bidders, or if the collusion is between or among the bidders themselves, or between a Bidder and a third party, including any act which restricts, suppresses or nullifies or tends to restrict, suppress or nullify competition;
 - (b) If the Procuring Entity’s BAC is found to have failed in following the prescribed bidding procedures; or

- (c) For any justifiable and reasonable ground where the award of the contract will not redound to the benefit of the GOP as follows:
 - (i) If the physical and economic conditions have significantly changed so as to render the project no longer economically, financially or technically feasible as determined by the head of the procuring entity;
 - (ii) If the project is no longer necessary as determined by the head of the procuring entity; and
 - (iii) If the source of funds for the project has been withheld or reduced through no fault of the Procuring Entity.
- 30.3. In addition, the Procuring Entity may likewise declare a failure of bidding when:
- (a) No bids are received;
 - (b) All prospective Bidders are declared ineligible;
 - (c) All bids fail to comply with all the bid requirements or fail post-qualification; or
 - (d) The Bidder with the Lowest Calculated Responsive Bid (LCRB) refuses, without justifiable cause to accept the award of contract, and no award is made.

F. Award of Contract

31. Contract Award

- 31.1. Subject to **ITB** Clause 29, the Procuring Entity shall award the contract to the Bidder whose bid has been determined to be the LCRB.
- 31.2. Prior to the expiration of the period of bid validity, the Procuring Entity shall notify the successful Bidder in writing that its bid has been accepted, through a Notice of Award received personally or sent by registered mail or electronically, receipt of which must be confirmed in writing within two (2) days by the Bidder with the LCRB and submitted personally or sent by registered mail or electronically to the Procuring Entity.
- 31.3. Notwithstanding the issuance of the Notice of Award, award of contract shall be subject to the following conditions:
 - (a) Submission of the valid JVA, if applicable, within ten (10) calendar days from receipt by the Bidder of the notice from the BAC that the Bidder has the LCRB;
 - (b) Posting of the performance security in accordance with **ITB** Clause 33;
 - (c) Signing of the contract as provided in **ITB** Clause 32; and
 - (d) Approval by higher authority, if required.

- 31.4. At the time of contract award, the Procuring Entity shall not increase or decrease the quantity of goods originally specified in Section VI. Schedule of Requirements.

32. Signing of the Contract

- 32.1. At the same time as the Procuring Entity notifies the successful Bidder that its bid has been accepted, the Procuring Entity shall send the Contract Form to the Bidder, which contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.
- 32.2. Within ten (10) calendar days from receipt of the Notice of Award, the successful Bidder shall post the required performance security and sign and date the contract and return it to the Procuring Entity.
- 32.3. The Procuring Entity shall enter into contract with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.
- 32.4. The following documents shall form part of the contract:
- (a) Contract Agreement;
 - (b) Bidding Documents;
 - (c) Winning bidder's bid, including the Technical and Financial Proposals, and all other documents/statements submitted;
 - (d) Performance Security;
 - (e) Credit line in accordance with **ITB** Clause 5.5, if applicable;
 - (f) Notice of Award of Contract; and
 - (g) Other contract documents that may be required by existing laws and/or specified in the **BDS**.

33. Performance Security

- 33.1. To guarantee the faithful performance by the winning Bidder of its obligations under the contract, it shall post a performance security within a maximum period of ten (10) calendar days from the receipt of the Notice of Award from the Procuring Entity and in no case later than the signing of the contract.

- 33.2. The performance security shall be denominated in Philippine Pesos and posted in favor of the Procuring Entity in an amount equal to the percentage of the total contract price in accordance with the following schedule:

Form of Performance Security	Amount of Performance Security (Equal to Percentage of the Total Contract Price)
(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Five percent (5%)
(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security; and/or	Thirty percent (30%)
(d) Any combination of the foregoing.	Proportionate to share of form with respect to total amount of security

- 33.3. Failure of the successful Bidder to comply with the above-mentioned requirement shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security, in which event the Procuring Entity shall initiate and complete the post qualification of the second Lowest Calculated Bid. The procedure shall be repeated until the LCRB is identified and selected for contract award. However, if no Bidder passed post-qualification, the BAC shall declare the bidding a failure and conduct a re-bidding with re-advertisement.

34. Notice to Proceed

- 34.1. Within three (3) calendar days from the date of approval of the contract by the appropriate government approving authority, the Procuring Entity shall issue its Notice to Proceed to the Bidder.
- 34.2. The contract effectivity date shall be provided in the Notice to Proceed by the Procuring Entity, which date shall not be later than seven (7) calendar days from the issuance of the Notice to Proceed.

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
1.1	The Procuring Entity is <i>GMA Water District</i>
1.2	The lot(s) and reference is/are: <i>Supply, Delivery & Installation of a Cloud-Based Geographic Information System (GIS)</i>
2	The Funding Source is: <i>The GMAWD General Fund in the amount of Five Million Pesos (Php 5,000,000.00)</i> The name of the Project is: <i>Supply, Delivery & Installation of a Cloud-Based Geographic Information System (GIS)</i>
3.1	No further instructions.
5.1	No further instructions.
5.2	None of the circumstances mentioned in the ITB Clause exists in this Project. Foreign bidders, except those falling under ITB Clause 5.2(b), may not participate in this Project.
5.4	The Bidder must have completed, within the period specified in the Invitation to Bid and ITB Clause 12.1(a)(iii), a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC. For this purpose, similar contracts shall refer to supply of cloud-based Geographic Information Systems (GIS) for Water Utilities.
7	No further instructions.
8.1	Subcontracting is not allowed.
8.2	Not applicable
9.1	The Procuring Entity will hold a pre-bid conference for this Project on October 14, 2016 at 2:00 o'clock in the afternoon , at the <i>3rd Floor GMAWD Office Annex Building Block 4 Lot 1 Congressional Road, Brgy. Poblacion 2, GMA, Cavite</i>
10.1	The Procuring Entity's address is: <i>Block 4 Lot 1 Congressional Road, Brgy. Poblacion 2, GMA, Cavite</i> <i>BAC Secretariat:</i> <i>Leonilo L. Laborte and Dawn F. Suarez</i> <i>(046) 460 4645</i> <i>gmawaterdistric@yahoo.co.in</i>

12.1a	The first envelope shall contain the eligibility (Additional requirements) 1. Taxpayer Identification Number 2. Tax Clearance 3. ISO 9001:2008 Certification
12.1(a)(i)	No other acceptable proof of registration is recognized.
12.1(a)(iii)	The statement of all similar ongoing and completed government and private contracts shall include all such contracts within <i>5 years</i> prior to the deadline for the submission and receipt of bids. For this purpose, similar contracts shall refer to supply, delivery and installation of cloud-based Geographic Information System (GIS).
12.1.b (ii)	The schedule of requirements is discussed in Section VI while technical specifications are in Section VII
13.1	No additional requirements.
13.1(b)	No further instructions.
13.2	The ABC is <i>Five Million Pesos only (Php 5,000,000.00)</i> . Any bid with a financial component exceeding this amount shall not be accepted.
15.4(a)(iii)	No incidental services are required.
15.4(b)	No additional requirements.
16.1(b)	The Bid prices for Goods supplied from outside of the Philippines shall be quoted in Philippine Pesos.
16.3	Payment shall be made in Philippine Pesos.
17.1	Bids will be valid for one hundred twenty (120) calendar days from the date of bid opening.
18.1	The bid security shall be in the following amount: 1. The amount of Php 100,000.00 [<i>2% of ABC</i>], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; 2. The amount of Php 250,000.00 [<i>5% of ABC</i>], if bid security is in Surety Bond; or

	<p>3. Any combination of the foregoing proportionate to the share of form with respect to total amount of security.</p> <p>In lieu of a bid security above, the bidder may submit a Bid Securing Declaration that is an undertaking which states, among others, that the bidder shall enter into contract with the procuring entity and furnish the required performance security within ten (10) calendar days, or less, as indicated in the Bidding Documents, from receipt of the Notice of Award, and committing to pay the corresponding fine and be suspended for a period of time from being qualified to participate in any government procurement activity in the event it violates any of the conditions stated therein as required in the guidelines issued by the GPPB Resolution No. 03-2012.</p> <p>In no case shall bid security or Bid Securing Declaration be returned later than the expiration of the bid validity period indicated in the Bidding Documents, unless it has been extended in ITB 14.1</p>
18.2	<p>The bid security or the Bid Securing Declaration shall be valid for one hundred twenty (120) calendar days from receipt of bids.</p> <p>The Bid Securing Declaration shall automatically expire in the following instances:</p> <ul style="list-style-type: none"> - Upon expiration of the bid validity period, or any extension thereof; - When all bidders are declared ineligible or post-disqualified and upon receipt of the notice therefor, either failed to timely file a request for reconsideration or filed a waiver to avail of said right; and - When the bidder declared as the Highest Rated and Responsive Bidder, has furnished the performance security and signed the contract.
20.3	Each Bidder shall submit One (1) original and one (1) copy each of the first and second components of its bid.
21	<p>The address for submission of bids is <i>GMA Water District, Block 4 Lot 1 Congressional Road, Brgy. Poblacion 2, GMA, Cavite</i></p> <p>The deadline for submission of bids is <i>on or before 1:00 o'clock in the afternoon of October 28, 2016</i></p>
24.1	<p>The place of bid opening is <i>GMA Water District, Block 4 Lot 1, Congressional Road, Brgy. Poblacion 2, GMA, Cavite</i></p> <p>The date and time of bid opening is <i>2:00 o'clock in the afternoon of October 28, 2016</i></p>
24.2	No further instructions.

27.1	No further instructions.
28.3	The goods are grouped in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.
28.3(b)	<i>Bid modifications are not allowed.</i>
28.4	No further instructions.
29.2(a)	No further instructions.
29.2(b)	<i>Bidders have the option to submit manually filed tax returns or tax returns filed through the Electronic Filing and Payments System (EFPS).</i> <i>NOTE: The latest income and business tax returns are those within the last six months preceding the date of bid submission.</i>
29.2(d)	No further requirement.
32.4(g)	No further instruction.

Section IV. General Conditions of Contract

TABLE OF CONTENTS

1. DEFINITIONS.....	38
2. CORRUPT, FRAUDULENT, COLLUSIVE, AND COERCIVE PRACTICES.....	39
3. INSPECTION AND AUDIT BY THE FUNDING SOURCE	40
4. GOVERNING LAW AND LANGUAGE	40
5. NOTICES	40
6. SCOPE OF CONTRACT.....	41
7. SUBCONTRACTING.....	41
8. PROCURING ENTITY’S RESPONSIBILITIES	41
9. PRICES	41
10. PAYMENT	42
11. ADVANCE PAYMENT AND TERMS OF PAYMENT	42
12. TAXES AND DUTIES	43
13. PERFORMANCE SECURITY	43
14. USE OF CONTRACT DOCUMENTS AND INFORMATION.....	44
15. STANDARDS	44
16. INSPECTION AND TESTS	44
17. WARRANTY	45
18. DELAYS IN THE SUPPLIER’S PERFORMANCE.....	46
19. LIQUIDATED DAMAGES	46
20. SETTLEMENT OF DISPUTES.....	46
21. LIABILITY OF THE SUPPLIER.....	47
22. FORCE MAJEURE.....	47
23. TERMINATION FOR DEFAULT.....	48
24. TERMINATION FOR INSOLVENCY.....	49
25. TERMINATION FOR CONVENIENCE.....	49
26. TERMINATION FOR UNLAWFUL ACTS.....	49
27. PROCEDURES FOR TERMINATION OF CONTRACTS.....	50
28. ASSIGNMENT OF RIGHTSP.....	51
29. CONTRACT AMENDMENT.....	51
30. APPLICATION.....	51

1. Definitions

1.1. In this Contract, the following terms shall be interpreted as indicated:

- (a) “The Contract” means the agreement entered into between the Procuring Entity and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) “The Goods” means all of the supplies, equipment, machinery, spare parts, other materials and/or general support services which the Supplier is required to provide to the Procuring Entity under the Contract.
- (d) “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.
- (e) “GCC” means the General Conditions of Contract contained in this Section.
- (f) “SCC” means the Special Conditions of Contract.
- (g) “The Procuring Entity” means the organization purchasing the Goods, as named in the SCC.
- (h) “The Procuring Entity’s country” is the Philippines.
- (i) “The Supplier” means the individual contractor, manufacturer distributor, or firm supplying/manufacturing the Goods and Services under this Contract and named in the SCC.
- (j) The “Funding Source” means the organization named in the SCC.
- (k) “The Project Site,” where applicable, means the place or places named in the SCC.
- (l) “Day” means calendar day.
- (m) The “Effective Date” of the contract will be the date of receipt by the Supplier of the Notice to Proceed or the date provided in the Notice to Proceed. Performance of all obligations shall be reckoned from the Effective Date of the Contract.

- (n) “Verified Report” refers to the report submitted by the Implementing Unit to the Head of the Procuring Entity setting forth its findings as to the existence of grounds or causes for termination and explicitly stating its recommendation for the issuance of a Notice to Terminate.

2. Corrupt, Fraudulent, Collusive, and Coercive Practices

2.1. Unless otherwise provided in the SCC, the Procuring Entity as well as the bidders, contractors, or suppliers shall observe the highest standard of ethics during the procurement and execution of this Contract. In pursuance of this policy, the Procuring Entity:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the Government, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in Republic Act 3019.
 - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition.
 - (iii) “collusive practices” means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Procuring Entity, designed to establish bid prices at artificial, non-competitive levels.
 - (iv) “coercive practices” means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract;
 - (v) “obstructive practice” is
 - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an administrative proceedings or investigation of the Procuring Entity or any foreign government/foreign or

international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or

(bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.

(b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in any of the practices mentioned in this Clause for purposes of competing for the contract.

2.2. Further the Funding Source, Borrower or Procuring Entity, as appropriate, will seek to impose the maximum civil, administrative and/or criminal penalties available under the applicable law on individuals and organizations deemed to be involved with any of the practices mentioned in GCC Clause 2.1(a).

3. Inspection and Audit by the Funding Source

The Supplier shall permit the Funding Source to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Funding Source, if so required by the Funding Source.

4. Governing Law and Language

4.1. This Contract shall be interpreted in accordance with the laws of the Republic of the Philippines.

4.2. This Contract has been executed in the English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract. All correspondence and other documents pertaining to this Contract exchanged by the parties shall be written in English.

5. Notices

5.1. Any notice, request, or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request, or consent shall be deemed to have been given or made when received by the concerned party, either in person or through an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram, or facsimile to such Party at the address specified in SCC, which shall be effective when delivered and duly received or on the notice's effective date, whichever is later.

- 5.2. A Party may change its address for notice hereunder by giving the other Party notice of such change pursuant to the provisions listed in the SCC for **GCC** Clause 5.1.

6. Scope of Contract

- 6.1. The GOODS and Related Services to be provided shall be as specified in Section VI. Schedule of Requirements.
- 6.2. This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. Any additional requirements for the completion of this Contract shall be provided in the SCC.

7. Subcontracting

- 7.1. Subcontracting of any portion of the Goods, if allowed in the **BDS**, does not relieve the Supplier of any liability or obligation under this Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants or workmen.
- 7.2. Subcontractors disclosed and identified during the bidding may be changed during the implementation of this Contract, subject to compliance with the required qualifications and the approval of the Procuring Entity.

8. Procuring Entity's Responsibilities

- 8.1. Whenever the performance of the obligations in this Contract requires that the Supplier obtain permits, approvals, import, and other licenses from local public authorities, the Procuring Entity shall, if so needed by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner.
- 8.2. The Procuring Entity shall pay all costs involved in the performance of its responsibilities in accordance with **GCC** Clause 6.

9. Prices

- 9.1. For the given scope of work in this Contract as awarded, all bid prices are considered fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances and upon prior approval of the GPPB in accordance with Section 61 of R.A. 9184 and its IRR or except as provided in this Clause.
- 9.2. Prices charged by the Supplier for Goods delivered and/or services performed under this Contract shall not vary from the prices quoted by the Supplier in it

bid, with the exception of any change in price resulting from a Change Order issued in accordance with GCC Clause 29.

10. Payment

- 10.1. Payments shall be made only upon a certification by the Head of the Procuring Entity to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. Except with the prior approval of the President no payment shall be made for services not yet rendered or for supplies and materials not yet delivered under this Contract. Ten percent (10%) of the amount of each payment shall be retained by the Procuring Entity to cover the Supplier's warranty obligations under this Contract as described in GCC Clause 17.
- 10.2. The Supplier's request(s) for payment shall be made to the Procuring Entity in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and/or Services performed, and by documents submitted pursuant to the SCC provision for GCC Clause 6.2, and upon fulfillment of other obligations stipulated in this Contract.
- 10.3. Pursuant to GCC Clause 10.2, payments shall be made promptly by the Procuring Entity, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier.
- 10.4. Unless otherwise provided in the SCC, the currency in which payment is made to the Supplier under this Contract shall be in Philippine Pesos.

11. Advance Payment and Terms of Payment

- 11.1. Advance payment shall be made only after prior approval of the President, and shall not exceed fifteen percent (15%) of the Contract amount, unless otherwise directed by the President or in cases allowed under Annex "D" of RA 9184.
- 11.2. For Goods supplied from abroad, the terms of payment shall be as follows:
 - (a) On Contract Signature: Ten percent (10%) of the Contract Price shall be paid within sixty (60) days from signing of the Contract and upon submission of a claim and a bank guarantee for the equivalent amount valid until the Goods are delivered and in the form provided in Section VIII. Bidding Forms.
 - (b) On Delivery: Seventy percent (70%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the SCC provision on Delivery and Documents.
 - (c) On Acceptance: The remaining twenty percent (20%) of the Contract Price shall be paid to the Supplier within sixty (60)

days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no inspection or acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days of the date shown on the delivery receipt the Supplier shall have the right to claim payment of the remaining twenty percent (20%) subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the SCC provision on Delivery and Documents.

- 11.3. All progress payments shall first be charged against the advance payment until the latter has been fully exhausted.

12. Taxes and Duties

The Supplier, whether local or foreign, shall be entirely responsible for all the necessary taxes, stamp duties, license fees, and other such levies imposed for the completion of this Contract.

13. Performance Security

- 13.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any the forms prescribed in the **ITB** Clause 33.2.
- 13.2. The performance security posted in favor of the Procuring Entity shall be forfeited in the event it is established that the winning bidder is in default in any of its obligations under the contract.
- 13.3. The performance security shall remain valid until issuance by the Procuring Entity of the Certificate of Final Acceptance.
- 13.4. The performance security may be released by the Procuring Entity and returned to the Supplier after the issuance of the Certificate of Final Acceptance subject to the following conditions:
- (a) There are no pending claims against the Supplier or the surety company filed by the Procuring Entity;
 - (b) The Supplier has no pending claims for labor and materials filed against it; and
 - (c) Other terms specified in the SCC.
- 13.5. In case of a reduction of the contract value, the Procuring Entity shall allow a proportional reduction in the original performance security, provided that any such reduction is more than ten percent (10%) and that the aggregate of such reductions is not more than fifty percent (50%) of the original performance security.

14 Use of Contract Documents and Information

- 14.1. The Supplier shall not, except for purposes of performing the obligations in this Contract, without the Procuring Entity's prior written consent, disclose this Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Entity. Any such disclosure shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 14.2. Any document, other than this Contract itself, enumerated in GCC Clause 14.1 shall remain the property of the Procuring Entity and shall be returned (all copies) to the Procuring Entity on completion of the Supplier's performance under this Contract if so required by the Procuring Entity.

15. Standards

The Goods provided under this Contract shall conform to the standards mentioned in the Section VII. Technical Specifications; and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the institution concerned.

16. Inspection and Tests

- 16.1. The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Entity. The SCC and Section VII. Technical Specifications shall specify what inspections and/or tests the Procuring Entity requires and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 16.2. If applicable, the inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Entity. The Supplier shall provide the Procuring Entity with results of such inspections and tests.
- 16.3. The Procuring Entity or its designated representative shall be entitled to attend the tests and/or inspections referred to in this Clause provided that the Procuring Entity shall bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
- 16.4. The Procuring Entity may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected

Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Procuring Entity, and shall repeat the test and/or inspection, at no cost to the Procuring Entity, upon giving a notice pursuant to **GCC** Clause 5.

- 16.5. The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Procuring Entity or its representative, shall release the Supplier from any warranties or other obligations under this Contract.

17. Warranty

- 17.1. The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials, except when the technical specifications required by the Procuring Entity provides otherwise.
- 17.2. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- 17.3. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier for a minimum period specified in the **SCC**. The obligation for the warranty shall be covered by, at the Supplier's option, either retention money in an amount equivalent to at least ten percent (10%) of the final payment, or a special bank guarantee equivalent to at least ten percent (10%) of the Contract Price or other such amount if so specified in the **SCC**. The said amounts shall only be released after the lapse of the warranty period specified in the **SCC**; provided, however, that the Supplies delivered are free from patent and latent defects and all the conditions imposed under this Contract have been fully met.
- 17.4. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, within the period specified in the **SCC** and with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Procuring Entity.
- 17.5. If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in **GCC** Clause 17.4, the Procuring Entity may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Entity may have against the Supplier under the Contract and under the applicable law.

18. Delays in the Supplier's Performance

- 18.1. Delivery of the Goods and/or performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Entity in Section VI. Schedule of Requirements.
- 18.2. If at any time during the performance of this Contract, the Supplier or its Subcontractor(s) should encounter conditions impeding timely delivery of the Goods and/or performance of Services, the Supplier shall promptly notify the Procuring Entity in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, and upon causes provided for under GCC Clause 22, the Procuring Entity shall evaluate the situation and may extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of Contract.
- 18.3. Except as provided under GCC Clause 22, a delay by the Supplier in the performance of its obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 19, unless an extension of time is agreed upon pursuant to GCC Clause 29 without the application of liquidated damages.

19. Liquidated Damages

Subject to GCC Clauses 18 and 22, if the Supplier fails to satisfactorily deliver any or all of the Goods and/or to perform the Services within the period(s) specified in this Contract inclusive of duly granted time extensions if any, the Procuring Entity shall, without prejudice to its other remedies under this Contract and under the applicable law, deduct from the Contract Price, as liquidated damages, the applicable rate of one tenth (1/10) of one (1) percent of the cost of the unperformed portion for every day of delay until actual delivery or performance. The maximum deduction shall be ten percent (10%) of the amount of contract. Once the maximum is reached, the Procuring Entity shall rescind the Contract pursuant to GCC Clause 23, without prejudice to other courses of action and remedies open to it.

20. Settlement of Disputes

- 20.1. If any dispute or difference of any kind whatsoever shall arise between the Procuring Entity and the Supplier in connection with or arising out of this Contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 20.2. If after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Procuring Entity or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

- 20.3. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under this Contract.
- 20.4. In the case of a dispute between the Procuring Entity and the Supplier, the dispute shall be resolved in accordance with Republic Act 9285 (“R.A. 9285”), otherwise known as the “Alternative Dispute Resolution Act of 2004.”
- 20.5. Notwithstanding any reference to arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and the Procuring Entity shall pay the Supplier any monies due the Supplier.

21. Liability of the Supplier

- 21.1. The Supplier’s liability under this Contract shall be as provided by the laws of the Republic of the Philippines, subject to additional provisions, if any, set forth in the SCC.
- 21.2. Except in cases of criminal negligence or willful misconduct, and in the case of infringement of patent rights, if applicable, the aggregate liability of the Supplier to the Procuring Entity shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

22. Force Majeure

- 22.1. The Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that the Supplier’s delay in performance or other failure to perform its obligations under the Contract is the result of a *force majeure*.
- 22.2. For purposes of this Contract the terms “*force majeure*” and “fortuitous event” may be used interchangeably. In this regard, a fortuitous event or *force majeure* shall be interpreted to mean an event which the Contractor could not have foreseen, or which though foreseen, was inevitable. It shall not include ordinary unfavorable weather conditions; and any other cause the effects of which could have been avoided with the exercise of reasonable diligence by the Contractor. Such events may include, but not limited to, acts of the Procuring Entity in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 22.3. If a *force majeure* situation arises, the Supplier shall promptly notify the Procuring Entity in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the *force majeure*.

23. Termination for Default

- 23.1. The Procuring Entity shall terminate this Contract for default when any of the following conditions attends its implementation:
- (a) Outside of *force majeure*, the Supplier fails to deliver or perform any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Procuring Entity pursuant to a request made by the Supplier prior to the delay, and such failure amounts to at least ten percent (10%) of the contract price;
 - (b) As a result of *force majeure*, the Supplier is unable to deliver or perform any or all of the Goods, amounting to at least ten percent (10%) of the contract price, for a period of not less than sixty (60) calendar days after receipt of the notice from the Procuring Entity stating that the circumstance of force majeure is deemed to have ceased; or
 - (c) The Supplier fails to perform any other obligation under the Contract.
- 23.2. In the event the Procuring Entity terminates this Contract in whole or in part, for any of the reasons provided under GCC Clauses 23 to 26, the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Entity for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of this Contract to the extent not terminated
- 23.3. In case the delay in the delivery of the Goods and/or performance of the Services exceeds a time duration equivalent to ten percent (10%) of the specified contract time plus any time extension duly granted to the Supplier, the Procuring Entity may terminate this Contract, forfeit the Supplier's performance security and award the same to a qualified Supplier.
- (d) As a result of *force majeure*, the Supplier is unable to deliver or perform any or all of the Goods, amounting to at least ten percent (10%) of the contract price, for a period of not less than sixty (60) calendar days after receipt of the notice from the Procuring Entity stating that the circumstance of force majeure is deemed to have ceased; or
 - (e) The Supplier fails to perform any other obligation under the Contract.
- 23.4. In the event the Procuring Entity terminates this Contract in whole or in part, for any of the reasons provided under GCC Clauses 23 to 26, the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Entity for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of this Contract to the extent not terminated.

- 23.5. In case the delay in the delivery of the Goods and/or performance of the Services exceeds a time duration equivalent to ten percent (10%) of the specified contract time plus any time extension duly granted to the Supplier, the Procuring Entity may terminate this Contract, forfeit the Supplier's performance security and award the same to a qualified Supplier.

24. Termination for Insolvency

The Procuring Entity shall terminate this Contract if the Supplier is declared bankrupt or insolvent as determined with finality by a court of competent jurisdiction. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Entity and/or the Supplier.

25. Termination for Convenience

- 25.1. The Procuring Entity may terminate this Contract, in whole or in part, at any time for its convenience. The Head of the Procuring Entity may terminate a contract for the convenience of the Government if he has determined the existence of conditions that make Project Implementation economically, financially or technically impractical and/or unnecessary, such as, but not limited to, fortuitous event(s) or changes in law and national government policies.
- 25.2. The Goods that have been delivered and/or performed or are ready for delivery or performance within thirty (30) calendar days after the Supplier's receipt of Notice to Terminate shall be accepted by the Procuring Entity at the contract terms and prices. For Goods not yet performed and/or ready for delivery, the Procuring Entity may elect:
- (a) to have any portion delivered and/or performed and paid at the contract terms and prices; and/or
 - (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed and/or performed goods and for materials and parts previously procured by the Supplier.
- 25.3. If the Supplier suffers loss in its initial performance of the terminated contract, such as purchase of raw materials for goods specially manufactured for the Procuring Entity which cannot be sold in open market, it shall be allowed to recover partially from this Contract, on a *quantum meruit* basis. Before recovery may be made, the fact of loss must be established under oath by the Supplier to the satisfaction of the Procuring Entity before recovery may be made.

26. Termination for Unlawful Acts

- 26.1. The Procuring Entity may terminate this Contract in case it is determined *prima facie* that the Supplier has engaged, before or during the implementation of this Contract, in unlawful deeds and behaviors relative to contract acquisition and implementation. Unlawful acts include, but are not limited to, the following:

- (a) Corrupt, fraudulent, and coercive practices as defined in ITB Clause 3.1(a);
- (b) Drawing up or using forged documents;
- (c) Using adulterated materials, means or methods, or engaging in production contrary to rules of science or the trade; and
- (d) Any other act analogous to the foregoing.

27. Procedures for Termination of Contracts

27.1. The following provisions shall govern the procedures for termination of this Contract:

- (a) Upon receipt of a written report of acts or causes which may constitute ground(s) for termination as aforementioned, or upon its own initiative, the Implementing Unit shall, within a period of seven (7) calendar days, verify the existence of such ground(s) and cause the execution of a Verified Report, with all relevant evidence attached;
- (b) Upon recommendation by the Implementing Unit, the Head of the Procuring Entity shall terminate this Contract only by a written notice to the Supplier conveying the termination of this Contract. The notice shall state:
 - (i) that this Contract is being terminated for any of the ground(s) afore-mentioned, and a statement of the acts that constitute the ground(s) constituting the same;
 - (ii) the extent of termination, whether in whole or in part;
 - (iii) an instruction to the Supplier to show cause as to why this Contract should not be terminated; and
 - (iv) special instructions of the Procuring Entity, if any.
- (c) The Notice to Terminate shall be accompanied by a copy of the Verified Report;
- (d) Within a period of seven (7) calendar days from receipt of the Notice of Termination, the Supplier shall submit to the Head of the Procuring Entity a verified position paper stating why this Contract should not be terminated. If the Supplier fails to show cause after the lapse of the seven (7) day period, either by inaction or by default, the Head of the Procuring Entity shall issue an order terminating this Contract;
- (e) The Procuring Entity may, at any time before receipt of the Supplier's verified position paper described in item (d) above withdraw the Notice to Terminate if it is determined that certain items or works subject of the notice had been completed, delivered, or performed before the Supplier's receipt of the notice;
- (f) Within a non-extendible period of ten (10) calendar days from receipt of the verified position paper, the Head of the Procuring

Entity shall decide whether or not to terminate this Contract. It shall serve a written notice to the Supplier of its decision and, unless otherwise provided, this Contract is deemed terminated from receipt of the Supplier of the notice of decision. The termination shall only be based on the ground(s) stated in the Notice to Terminate;

- (g) The Head of the Procuring Entity may create a Contract Termination Review Committee (CTRC) to assist him in the discharge of this function. All decisions recommended by the CTRC shall be subject to the approval of the Head of the Procuring Entity; and
- (h) The Supplier must serve a written notice to the Procuring Entity of its intention to terminate the contract at least thirty (30) calendar days before its intended termination. The Contract is deemed terminated if it is not resumed in thirty (30) calendar days after the receipt of such notice by the Procuring Entity.

28. Assignment of Rights

The Supplier shall not assign his rights or obligations under this Contract, in whole or in part, except with the Procuring Entity's prior written consent.

29. Contract Amendment

Subject to applicable laws, no variation in or modification of the terms of this Contract shall be made except by written amendment signed by the parties.

30. Application

These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of this Contract.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1.1(g)	The Procuring Entity is GMA Water District.
1.1(i)	The Supplier is <i>[to be inserted at the time of contract award]</i>
1.1(j)	The Funding Source is The GMAWD General Fund in the amount of Five Million Pesos only (Php 5,000,000.00)
1.1(k)	The Project Site is at <i>GMA Water District Block 4 Lot 1 Congressional Road, Brgy. Poblacion 2, GMA, Cavite</i>
5.1	The Procuring Entity’s address for Notices is: <i>GMA Water District, Block 4 Lot 1 Congressional Road, Brgy. Poblacion 2, GMA, Cavite</i> The Supplier’s address for Notices is: <i>[Insert address including Name of contact person, fax and telephone number]</i>
6.2	<p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>For Goods Supplied from Within the Philippines, state “The delivery terms applicable to this Contract are to be delivered in GMA Water District Main Office, Block 4 Lot 1 Congressional Road, Brgy. Poblacion 2, GMA, Cavite</i></p> <p>Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI. Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are as follows:</p> <p><i>For Goods supplied from within the Philippines:</i></p> <p>Upon delivery of the Goods to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity:</p>

- (i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) Original and four copies delivery receipt/note, railway receipt, or truck receipt;
- (iii) Original Supplier's factory inspection report;
- (iv) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate;
- (v) Original and four copies of the certificate of origin (for imported Goods);
- (vi) Delivery receipt detailing number and description of items received signed by the authorized receiving personnel;
- (vii) Certificate of Acceptance/Inspection Report signed by the Procuring Entity's representative at the Project Site; and
- (viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity's representative at the Project Site.

Incidental Services –

The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

Packaging –

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the GOODS' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity

Name of the Supplier

Contract Description

Final Destination

Gross weight

Any special lifting instructions

Any special handling instructions

Any relevant HAZCHEM classifications

A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.

Insurance –

The Goods supplied under this Contract shall be fully insured by the Supplier in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery. The Goods remain at the risk and title of the Supplier until their final acceptance by the Procuring Entity.

Description

Transportation –

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment

	<p>the period of delay will be considered <i>force majeure</i> in accordance with GCC Clause 22.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP Deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Patent Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
10.2	Not Applicable
10.4	Not applicable
13.4(c)	No further instructions
17.3	The supplier must provide one (1) year warranty after acceptance by the Procuring Entity of the delivered Goods.
17.4	The period for correction of major defects in the warranty period is 30 days.
21.1	No additional provision.

Section VI. Schedule of Requirements

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

ITEM NO.	QUANTITY	PARTICULARS	DELIVERY TIME
1	1 lot	Supply, Delivery & Installation of a Cloud-Based Geographic Information System (GIS)	Ninety (90) calendar days

Section VII. Technical Specifications

Technical Specifications

1. Generic part

Definitions

Administration	General Mariano Alvarez Water District (GMAWD)
GIS	Geographic Information System for the management of spatial, attribute and topology information regarding the water and sewer infrastructure of GMAWD Spatial Data Infrastructure The foundation of the GIS, meaning the databases, software and applications that provide the facilities for operational GIS.

2. Purpose of the project

In parallel with the institutional Geographic Information System (GIS) vision of the Administration scope includes;

- (a) A correct, easy to use and up-to-date geographical database shall be formed by providing the correct and easiest way to have access to the data,
- (b) Complete integration of GIS functions to all required modules shall be provided and all of the advantages of GIS shall be utilized,
- (c) By developing an institutional GIS culture, improvements in the processes shall be realized by realizing the integration of GIS knowledge with the institutional processes,
- (d) Create a geographical database composed of up-to-date and correct data and minimizing the effort to be utilized to keep it up-to-date,
- (e) To be able to use the data coming from different sources required transformation procedures are going to be defined, and providing possibilities to store the geographical data at one single location and at the standard format instead of storing it at different formats and at different locations,
- (f) GIS functions shall be differentiated according to user authorization levels,
- (g) Required theoretical and practical trainings are going to be supplied for the users and GIS shall be completely utilized for the Administration's usage,
- (h) By purchasing necessary GIS software and hardware platforms, Administration shall be able to use the most suitable up-to-date technology,
- (i) Complete compliance and integration of GIS to Integrated Information Systems of the Administration shall be provided.

3. Geographical Area Covered by the Project

Below mentioned Barangays in the General Mariano Alvarez (Located in Province of Cavite) of about a total 11.40 km² area under the area of authority of the Administration is going to be covered by the Project.

GMA map is provided here.



The geographical area covers 27 Barangays as detailed below.

List of Barangays

✓ Aldiano Olaes	✓ Inocencio Salud
✓ Barangay 1 Poblacion	✓ Jacinto Lumbreras
✓ Barangay 2 Poblacion	✓ Kapitan Kua
✓ Barangay 3 Poblacion	✓ Koronel Jose P. Elises
✓ Barangay 4 Poblacion	✓ Macario Dacon
✓ Barangay 5 Poblacion	✓ Marcelino Memije
✓ Benjamin Tirona	✓ Nicolasa Virata
✓ Bernardo Pulido	✓ Pantaleon Granados
✓ Epifanio Malia	✓ Ramon Cruz
✓ Francisco De Castro	✓ San Gabriel
✓ Francisco Reyes	✓ San Jose
✓ Florello Calimag	✓ Severino De Las Alas
✓ Gavino Maderan	✓ Tiniente Tiago
✓ Gregoria De Jesus	

4. Establishment of Spatial Data Infrastructure

In this project spatial data infrastructure shall be established. For this purpose, Contractor shall fully understand vision of the Administration and requirements occurred as a result of this analysis and propose a solution which will help reaching the aimed target in a fastest and correct way.

Following points shall be taken into consideration while establishing spatial data infrastructure.

- (a) Administration aims to create a data infrastructure which could be used many times after once established. Essential objective is not to require any changes in the database infrastructure except updates and minor changes.
- (b) Data coming from more than one source shall be entered into the database without damaging Administration GIS structure. One data set could be obtained from more than one source and as well different attribution information belonging to the same data set could come from different sources.
- (c) Base maps including Google Streets, Google satellite Image and Opens Street Maps to be used as a base shall be made suitable in order to be used in Administration geographical information system by the contractor firm.

Spatial Data Infrastructure is a precondition for establishment of a healthy GIS. Therefore, this subject is very important within the scope of this project. Spatial Data Infrastructure shall be established according to international standards and a geographical database design in accordance with this shall be made. Spatial Data Infrastructure is an alive structure. In other words, it shall be designed and brought into usage in a scalable and easily changeable way according to Administration's operations and procedures and it shall be open to changes and shall be updated continuously.

5. Stage 1 – Data Standardization

- (a) Shall determine all data clusters and their sources required by the Administration.
- (b) Shall determine all attributes concerning each data cluster.
- (c) Shall make definitions such as; data clusters and relationships between them, pre-defined values and other attribute value ranges.
- (d) Shall be able to determine basic standards such as projection, datum and coordinate system in accordance with other national and international standards. While specifying these standards, studies

- regarding data content are also shall be carried out and standards concerning attribute standardization, used symbols and icons, topology rules etc.
- (e) Shall be able to convert/migrate existing data into GIS.
 - (f) Change requirements: Changes required to carry out the integration of the procured data with the geographical database of the system shall be specified. Especially how below mentioned situations are going to be handled, it is going to be specified:
 - (i) Data transformation between different data structures (TAB, SHP, DWG, DGN, etc.)
 - (ii) Different data logic, for example calling the same attribute with a different name
 - (iii) Not having the required attribute information
 - (iv) Lack of documentation regarding projection and other features
 - (v) Existing data with different scale and accuracy
 - (vi) Not up-to-date data
 - (vii) Not having information regarding the past / history of the data (especially metadata insufficiency)
 - (g) Determination of transformation or transfer mechanism: Contractor shall specify the mechanisms required for the data transformation in his offer. During the project, data transformation mechanism regarding each data source shall be specified separately and shall be applied to data.

6. Stage 2 – Quality Assurance and Quality Control

Quality Assurance and Quality Control procedures are as important as standardization of the data. Diversity of geographical data, geographical quality assurance and quality control procedures have to be defined privately for different disciplines. Below mentioned quality assurance and quality control procedures are going to be defined for geographical quality assurance and control. Contractor shall explain his Quality Assurance and Quality Control procedures for each area in his offer, and shall give examples.

After the definition of Quality Control Procedures, project personnel employed within the body of the Administration are going to be trained regarding these procedures and their more active participation to quality control activities is going to be realized. Contractor shall evaluate quality control training among training requirements.

7. Stage 3 – Geographical Database Design and Actualization

In accordance with findings in the Data Analysis Stage, Geographical Database Design is realized. Geographical Database Design is the fundamental condition for realization of GIS functions of the Administration.

- (a) Contractor shall take below mentioned criteria into consideration for Database Design:
 - (i) Data management
 - (ii) Data integrity and security
 - (iii) Avoiding data duplication
 - (iv) Simultaneous access and error recovery
 - (v) Integration possibilities to applications and their affects to application development period
 - (vi) Performance
 - (vii) Reliability
 - (viii) Availability
 - (ix) Expandability
 - (x) Complexity
 - (xi) Deliverability of authorization and control
 - (xii) Security
 - (xiii) Easiness of change and update
 - (xiv) Bandwidth requirements and bandwidth usage
 - (xv) Scalability
 - (xvi) Geographical reference systems
 - (xvii) Geographical storage abilities
- (b) By taking the daily operations of the Administration into consideration, same database structure is going to be used in field studies, then during data validation personnel have to have access to database. Data collection, verification and control of field personnel are going to continue after the commissioning of GIS (when it becomes operational). Thus, field personnel also have to have access to data and update the data. Database architecture have to be designed accordingly, a mechanism that is not hindering the routine works of the Administration has to be established. Contractor shall explain his solution proposals for these subjects in his offer. In these solution suggestions; questions such as how the overlapping is removed, version control, how the multi-user editing functions are carried out etc. are going to be answered in detail.
- (c) When the Spatial Database is designed, Data Dictionary belongs to this design is going to be prepared.
 - (i) Main purpose of Data Dictionary is to create

a common vocabulary in the studies within the scope of the project and try to understand the same thing from terms, and provide expressing all GIS assets in a standardized way. Fundamental difference in terms is originated from the multi-disciplinary approach of GIS. Thus, people coming from different educational background might understand the same term in a different way. With the help of Data Dictionary this difference is going to be removed and a common language and understanding would be established between all project contributors.

- (ii) Contractor is free to set examples from data dictionary studies realized before. Required standards for the data dictionary are going to be specified with the common study of Administration and Contractor.

Realization of Database: After the agreement of Administration and Contractor is achieved regarding the Spatial Data Structure, design of the Contractor is going to be actualized. Within this scope; all tables, relationships, pre-defined values etc. takes place in the database structure are going to be realized over the database. According to that;

- (a) Contractor shall carry out the database design on selected database management system.
- (b) Data having different characteristics chosen by the Administration are going to be transferred to this database. Data to be transferred to database are going to be selected by the Administration via sampling and with the minimum work requirement.

Backup and Recovery: Contractor shall explain his Backup and Recovery suggestions in detail.

- (a) Backup and Recovery mechanisms foreseen for GIS shall have high standards with Backup and Recovery mechanisms within the scope of the GIS project.
- (b) In case operational data of GIS and database which data coming from the field are kept are different, then Backup and Recovery mechanisms have to take these status into consideration.

8. Software Requirements

8.1 Requirements of GIS Platform

GIS Platform requirements are listed below. Contractor shall explain whether proposed GIS platform complies with below requirements or not by providing detailed justification for each requirement.

8.2 General Requirements

- (a) Data shall be available on-line for all personnel and subcontractors of Administration in the solution
- (b) GIS Platform shall have local representative and technical support located in the Philippines.
- (c) All systems to be installed within the scope of the project shall be able to operate during the day and night (24/7).
- (d) Solution shall be based on Web-browser technology where drawing, snapping, line following and other map operations shall work without the need to install any plugins, applets or flash
- (e) Solution shall allow unlimited number of user accounts to be created and administrated by Administration
- (f) Solution shall work over multiple transmission technologies, like WAN, LAN, Wifi, 3G Mobile data
- (g) Solution and the underlying geodatabase shall be OGC (Open Geospatial Consortium) compatible
- (h) Solution shall have all sessions secured through HTTPS encryption using AES 256 to enhance the protection of data transfer between servers and end user browser
- (i) Administration shall be able to run queries of freely defined area on the GIS map
- (j) Solution shall have full reporting capabilities where Administration can easily produce accurate Bill of Materials-report of freely defined area from the GIS map
- (k) Server, desktop, mobile and tablet devices and applications on GIS Solution shall be able to receive data from the same database without delay. In other words, data which users are working on shall have the same content and quality for all users.
- (l) Administration shall be able to query single objects and their parameters from the system
- (m) Administration shall be able to query multiple objects and their parameters from the system and generate reports out of the queries
- (n) Solution shall have full functionality in Desktop computers
- (o) Solution shall have full functionality in Laptop computers

- (p) Solution shall function in Pad type of devices, like iPad and Android based tablets, no platform dependency
- (q) Solution shall function in Smartphone devices independent to its platform, like Android, Apple or Windows Phone where no applications are needed
- (r) Solution shall have viewer functionality, where less data bandwidth shall be required
- (s) Solution shall have full address query functionality for local street addresses
- (t) Solution shall be platform independent, where no plug-ins nor special software implementation is required for Workstations, Laptop nor mobile devices during the initial set-up nor for the future updates of the solution
- (u) System should be installed in Cloud which is proven to be located within the Philippines
- (v) Solution shall provide functionality to define custom attributes to the existing models like adding new attribute to the Duct
- (w) Solution shall be able to utilize as a background data and export data of different formats (Shapefile, DGN, DWG etc.).
- (x) Solution shall have automated back-up routines and produce the stand-alone copies in formats such as AutoCAD DWG
- (y) Future system extension and development in an easy way shall be possible.

8.3 Server Side Software Requirements

Solution shall use Oracle SE or EE database as the database.

Solution shall be scalable so that the required number of simultaneous users can be supported by scaling the hardware properly. Minimum of 30 concurrent users must be supported.

9. Interface Requirements

- (a) Solution shall be able to consume data from WFS/WMS-services and produce data in WFS/WMS formats
- (b) Solution shall support water and sewage network CCTV-recording importing to the solution and the solution shall visualize the results using wincan
- (c) Solution shall be easy to integrate into other automation solutions via web-service interface
- (d) Integration to Administration existing databases like ERP and CRM shall be easily available via direct connection or web-service interface
- (e) Network modelling shall be supported in the solution

- for the most common modelling formats like EPANET (Water Distribution system Modelling)
- (f) Solution shall have flexible user rights management where users, geographical areas or organizations can have different access levels
- (g) Objects geometry in the Solution shall support 3-Dimensional modelling
- (h) Solution shall have street address information for all objects in the system
- (i) Solution shall support exporting directly to DWG (AutoCAD) format
- (j) Solution shall be able to report running time for water pumps in the Administration network
- (k) Solution shall have network data located on Oracle database where data is fetched for handling

10. Use Case Requirements

The following sections list use cases and operative functionalities that the GIS solution must fulfill. The listed functions represent typical use of the GIS solution at the Administration.

10.1 Documentation of water and sewer infrastructure

The GIS solution must provide features for

- (a) Documentation of the entire utility system: water, sewer and storm water network
 - (i) Maintaining the location information and property/attribute information of all elements in one place.
 - (ii) Includes all components of the actual installed base.
- (b) Presenting the network elements on the map in freely selectable scales.
 - (i) Highlighting one object
 - (ii) Highlighting a group of selected objects
- (c) Input of survey data from survey instruments.

10.2 Sharing and collaboration

The GIS solution must provide features for

- (a) Easy collaboration with external parties and contractors. For this the system must support the minimal information: internet address of NIS system, guest user name and guest password.
- (b) Quick printing to PDF with multiple paper sizes, resolution, scale and rotation

- (c) Series printing to PDF with each print series page being individually controllable (size, orientation, rotation).
- (d) Legend and index for PDF printouts
- (e) Exporting data in AutoCAD and MS Excel formats
- (f) Report generator

10.3 Analyzing

The GIS solution must provide features for

- (a) Analyzing and visualizing network objects. For example, theming by installation year or material
- (b) Network follower: following pipe to either one direction or both directions with option of passing over (or stopping) at valves.
- (c) Searching database with wildcards. For example, searching all objects made of concrete and built between 2011 and 2012
- (d) Grouping based on for example technical / expected lifetime of an object

10.4 Remote meter integration

The GIS solution must provide features for interfacing the remote water flow or pump measurement devices over web service interfaces to display dynamic measurement data on top of network topology.

10.5 Maintenance planning for water and sewer network

The GIS solution must provide features for

- (a) Selecting and filtering network objects based on maintenance needs and criteria, for example, status observations as CCTV recordings
- (b) Reporting of measurements and observations from the field.
- (c) Failure reports.
- (d) Managing entire maintenance programs
- (e) Visualizing status, conditions and observations (for example post-installation tasks)

10.6 Planning the renovation programs

The GIS solution must provide features for

- (a) Condition analysis of the entire network infrastructure. Usage of themes to visualize materials, owners, etc.
- (b) Inventory of materials needed for renovation

- (c) Statistical methods using properties of the elements such as how old is the pipe, how much does it leak
- (d) Combining objects to object sets to manage renovation and reporting.
- (e) Managing investments.

11. Licensing Requirements

The preferred licensing model should not limit the number of users accessing the system.

12. Services or Software to be developed for Integration with Other Systems or Modules

The solution must have a documented web service interface towards CRM, ERP and other existing solutions.

13. Hardware Requirements

13.1 Client side hardware requirements

- (a) The GIS solution must work on a normal basic laptop and desktop.
- (b) Especially the solution shall not require CAD-grade processing power from the client.

13.2 Server side hardware requirements

- (a) Standard server platforms shall be supported.
- (b) Especially the installation shall not require a specific operating system (like Windows Server). Also, the solution must be able to scale simply to gather more users without any license expansion.

14. Training and Information Transfer

- (a) The contractor shall deliver training to the authorized personnel to be determined by the Administration, on the issues of system administration and generic usage
- (b) Maximum number of the trainees to participate in the training and maximum number of the group members to compose a group shall be determined via discussions to be held between the Administration and the contractor company.
- (c) All training notes, including also necessary drawings and diagrams, shall be provided by the contractor company to the Administration. All personnel to participate in the training course shall have a copy of the training notes on electronic media.

Statement of Compliance

AGENCY SPECIFICATION		BIDDER'S STATEMENT OF COMPLIANCE		
No	Item	Yes	No	In case of "Yes" -> Explanation how requirement is met In case of "No" -> Explanation of alternative solution
1	SERVER REQUIREMENTS			
1.1	The single license of proposed solution shall support unlimited number of user accounts and at least 30 concurrent users. Concurrent use is defined as concurrent operations of read-write into the system.			
1.2	The proposed solution shall be installable on Ubuntu 14 64-bit Server platform.			
1.3	The proposed solution shall be remotely installable and configurable via secure connection.			
1.4	The system shall be scalable so that the number of full use concurrent users can be increased only by adding more server side processing power.			
2	CLIENT REQUIREMENTS			
2.1	The proposed solution shall provide easy to use web interface for managing whole network infrastructure.			
2.2	The web interface of the proposed solution shall cater both browsing/reading use as well as full editing use.			
2.3	The proposed solution shall be able to run purely in web browser context without any need to install 3rd party software on the client desktop or laptop.			
2.4	The proposed solution shall include a field capable mobile interface that shall run on any modern web browser-equipped mobile device.			

2.5	The proposed solution shall include contractor access via pure browser interface. The contractor access shall include same features as main access, but it should be possible to limit them in terms of permissions.			
3	GENERAL REQUIREMENTS			
3.1	The vendor shall confirm that the system provided is a mature and functional system that does not need any major changes after the installation is done; only minor updates and changes are accepted.			
3.2	The proposed solution shall have all sessions secured through HTTPS encryption using AES 256 to enhance the protection of data transfer between servers and end user web browser.			
3.3	Spatial data infrastructure shall be established according to international standards and a geographical database design.			
3.4	The proposed solution shall be able to consume data from WFS/WMS-services and produce data in WFS/WMS formats.			
3.5	The system shall do automatic backups on specific intervals of time.			
3.6	The system shall have full logging capabilities and shall be able to reflect any changes up to the last backup taken.			
3.7	The proposed solution shall have full logging and undo capabilities with following features: -The undo shall be possible after the session causing the data change has disconnected -The undo functionality shall be configurable so that a user with regular privileges can only see/undo his own actions and a master user can see/undo all actions.			
3.8	For each change in the database, the full usage log of the system shall have the following features: -The timestamp and user account causing the change shall be retrievable -The column names involved in the change shall be retrievable -The column values before and after the change shall be retrievable			

	-The geometry changes shall be equally recorded and retrieved			
3.9	The session logging shall record the following properties of each session usage -The account name of the user -The IP address of the client as seen from the server -The timestamp of the start of the session -The timestamp of the end of the session			
3.10	The system shall have different administrative privileges and all changes done on the system from different users shall be traceable and undoable by the admin user.			
3.11	The system shall have full reporting capabilities, in addition to customizable forms and output reports.			
3.12	The system shall be functional on desktops, laptops, tablets and smart phones and shall run on different operating systems (Windows, Linux, Android, iOS, etc....) without any other installation than a web browser.			
3.13	Server, desktop, mobile and tablet devices and applications shall be able to receive data from the same database. In other words, data which users are working on shall have the same content and quality for all users.			
4	NETWORK DOCUMENTATION REQUIREMENTS			
4.1	The proposed solution shall provide a spatial data infrastructure with underlying GIS maps with the below details, but not limited to: -Vector maps -Land base data -Base maps -Administrative boundaries. -Street center lines and right – of – way. -Landmarks. -Land boundaries			

4.2	The proposed solution shall provide tools to perform linear and areal measurements.			
4.3	The proposed solution shall be capable of displaying different views (Land base, building view, etc...) of the managed network showing the geographical location of the different network elements.			
4.4	The proposed solution shall provide different editing and browsing techniques (zooming, copying, moving, deleting, connectivity editing, etc....).			
4.5	The proposed solution shall enable user to run queries of freely defined area on the GIS map.			
4.6	The proposed solution shall provide printing and plotting options for different layers in different formats and sizes.			
4.7	The proposed solution shall provide ability to import / export data to the solution from different formats (at least AutoCAD, Bentley MS, ESRI Shapefile, Excel).			
4.8	The proposed solution shall be able to provide an inventory report of at least following objects: -Ducts -Valves -Branches -Pumping stations -Water meters -Hydrants -Water tanks			
4.9	The proposed solution shall have the capability to be integrated with other management systems such as CRM, provisioning system etc.... for editing and querying purposes. Such integration shall be web service based.			
4.10	The proposed solution shall be flexible enough to transform the data between different coordinates systems.			

4.11	The proposed solution shall be capable of generating work orders, bills of material, bills of quantities and activities created during the process of designing the network with dedicated tools implemented in the solution.			
4.12	The proposed solution shall have the capability to provide different users with different privileges and editing access, and the privileges can be applied based on the following criteria: -user group (role) -network plan (i.e. provide read/write access to some objects belonging to specific network plans) -geographical area (i.e. provide read/write access to some objects within specific areas)			
4.13	The proposed solution shall have different attributes of different status of objects (planned, implemented, damaged, removed, etc...), and shall be able to filter objects according to their status in addition to different parameters which shall be configurable by the user.			
4.15	The system shall provide intuitive, easy to use tools for viewing, editing and deleting objects. The system shall provide geometry editing functionality with a browser without 3rd party add-ons or plugins.			
4.16	The solution shall include the following functionalities: -The system shall provide easy to use methods for displaying and changing property values of network objects. -The user interface for editing features shall be easily accessible and display properties in an easily understandable way. The user interface shall provide choice lists for properties with a predefined set of values. -The set of property fields for a network object shall be extendable by the admin user without programming. -The system shall provide functionality for snapping to existing objects. If multiple objects exist within the snapping radius, the system shall provide easy means for visualizing the candidates to			

	<p>snap to and selecting the correct snap to object.</p> <ul style="list-style-type: none"> -Creating new object with property values. -Copying an object. -Changing a set of property fields for a set of objects. When the change is to operate on multiple objects the system shall warn the user of the number of objects involved and the property values to be changed. -When digitizing a new linear object, the system shall provide functionality for following existing linear object (with an offset set by the user) either completely or partially. 			
4.17	<p>The proposed solution shall offer at least following options for editing the geometry of the existing objects:</p> <ul style="list-style-type: none"> -Moving an object. -Moving a vertices of a line object. -Deleting a vertex point. -Extending an already created linear object. -Splitting a linear object into two pieces, with the option of adding a node in the point of splitting. -Moving (optionally partially) a linear geometry to match another linear geometry (optionally partially) location. 			
4.18	<p>The proposed solution shall provide at least following functionalities for external document management:</p> <ul style="list-style-type: none"> -Adding external documents (e.g. Word, Excel, pdf, any video or photo format) into the system with geolocation information. -Adding URLs to external services. -Accessing (opening) the external documents. -Attaching documents to network objects. It shall be possible to attach a document to many network objects and vice versa. -Adding new documents from a mobile device directly from the field. 			
4.19	<p>The proposed solution shall provide easy to use functionality for reading the as built locations of existing (planned) network objects and moving the planned objects to their as built locations.</p>			

4.20	The proposed solution shall provide easy to use functionality for reading the as built locations of network objects and creating new network objects from the land survey.			
4.21	The proposed solution shall have a tool that allows to localize the user and center the map at his/her location.			
4.22	The proposed solution shall support multiscreen display.			
4.23	The proposed solution shall allow a custom color coding (depending for example on duct diameter or material) to be available as a default one.			
4.24	The proposed solution shall support topological connectivity in the way that ducts shall hold information about elevation of their end nodes and objects connected to them.			
4.25	The proposed solution shall support creation of manhole connectivity layout.			
4.26	The proposed solution shall offer tools of "undo/redo" type: -It shall be possible to track all changes performed on the object, who did those changes and when they were done. -It shall be possible to restore any previous version of existing object. -It shall be possible to restore deleted object.			
4.27	The proposed solution shall support managing water, sewage and rain water networks.			
4.28	The proposed solution shall support error reporting with at least the following detailed information: -Date and time -Reported by -Which network element the error report is linked -Type and severity -Possibility to attach a document to an error report			

5	CUSTOMER INFORMATION MANAGEMENT REQUIREMENTS			
5.1	The proposed solution shall include a customer information form including at least following information: -Name and ID -Address information -Contact information (phone number, e-mail address) -State (Active, Inactive) -Service information (Water, Sewage, Rain, Connected, Disconnected)			
5.2	The proposed solution shall support attaching documents (e.g. contracts) to customer form.			
5.3	The proposed solution shall include a form for customer water meter including at least following information: -Water meter ID, type and class -Install date -Reading and date			
5.4	The proposed solution shall be able to perform statistical analysis based on meter reading data.			
6	MOBILE FUNCTIONALITY REQUIREMENTS			
6.1	The proposed solution shall support redlining (adding field notes).			
6.2	The proposed solution shall provide tools to perform linear measurements.			
6.3	The proposed solution shall include tracking capability.			
6.4	The proposed solution shall support upload of georeferenced photos from the field.			
6.5	The proposed solution shall support address search.			
6.6	The proposed solution shall provide information about location and its accuracy.			

7	HYDRAULIC MODELLING REQUIREMENTS			
7.1	The proposed solution shall be capable of performing basic hydraulic modelling analyses.			
7.2	The proposed solution shall support exporting data to Epanet format.			
8	NETWORK PLANNING REQUIREMENTS			
8.1	The proposed solution shall cater features for recording the usage state of each network element and: -The list of usage states shall be configurable by the admin. -The map symbology of planned network objects shall clearly differ from objects with objects in use.			
8.2	The proposed solution shall allow to store at least following information about network plans: -Identifier -Status -Detailed description -Starting date			
8.3	The proposed solution shall allow linking network elements to network plan.			
8.4	The proposed solution shall support filtering objects seen on the map by their usage state or plan which they belong to.			
8.5	The proposed solution shall support visualizing the usage states on the map.			
8.6	Reporting bill of material of all objects belonging to a network plan. -The report shall be readable by a spreadsheet application for further calculations. -The report shall include real spreadsheet functions for calculating aggregate values (such as sums and averages) of the property values of elements in the report and the aggregated values shall change when the respective values in spreadsheet cell are changed.			

8.7	As the user changes the plan status the elements of the network Plan shall also change accordingly if the user so wishes (such as when the user changes the status of the plan from Preplanning to Planning, the respective network elements statuses become Planned).			
8.8	The system shall provide features for recording as-built (changes to the plan content).			
9	SHARING AND COLLABORATING REQUIREMENTS			
9.1	<p>The proposed solution shall support the following:</p> <ul style="list-style-type: none"> -Easy collaboration with external parties and contractors. For this the system shall support the minimal information: internet address of GIS system, guest user name and guest password. -Quick printing to PDF with multiple paper sizes, resolutions, scales and rotations available -Series printing to PDF with each print series page being individually controllable (size, orientation, rotation). -Legend and index for PDF printouts -Exporting data in AutoCAD (DWG/DXF), MicroStation (DGN), ESRI (SHP) and MS Excel formats (CSV, XLS) -Creating customer specific reports -Importing geographical data from AutoCAD (DWG/DXF), MicroStation (DGN), ESRI (SHP) files into background materials 			
10	DATA ANALYSIS REQUIREMENTS			
10.1	<p>The proposed solution shall support the following:</p> <ul style="list-style-type: none"> -Simple tool for finding all network objects within certain location and creating reports (in spreadsheet) or export of these objects to different file formats. -Analyzing and visualizing network objects. For example, theming network objects by location accuracy, install year or material. -Network following/tracing: following a water duct with an option of 			

	<p>passing over (or stopping) at valve.</p> <p>-Querying database with wildcards. For example, searching all objects with PVC as a material and built between 2011 and 2012. The system shall provide easy methods of combining searches by properties and geometry location.</p> <p>-Grouping based on for example object's properties.</p>			
11	DATA MIGRATION REQUIREMENTS			
11.1	The existing digital form documentation of the network of the Customer shall be migrated into the proposed solution. The Bidder shall be responsible for the whole data migration work. Data quality enhancement is not part of the project scope.			
12	ADMIN INTERFACE REQUIREMENTS			
12.1	The proposed solution shall provide an admin interface where it will be possible for client to manage user accounts, their passwords and privileges within the system.			
12.2	<p>The proposed solution shall allow to manage at least following settings of the system:</p> <ul style="list-style-type: none"> -choice lists of network object property values -background map layers -type lists of network objects -user account roles 			
12.3	The proposed solution shall allow accessing the system logs.			
12.4	The proposed solution shall have flexible user rights management where users, geographical areas or organizations can have different access levels.			
13	INSTALLATION AND TRAINING REQUIREMENTS			
13.1	The Bidder shall propose a comprehensive program of technical training for Customer. The Bidder shall deliver training to the authorized personnel to be determined by the Customer, on the issues of system Customer and generic usage.			

13.2	The Bidder shall propose both basic user training as well as admin level training.			
13.3	All related travel and accommodation expenses shall be included in all trainings offered.			
13.4	As part of proposal's submission, the Bidder shall provide a Plan of Work describing how all activities will be organized to meet the proposed Project's Completion Period.			
13.5	All training notes, including also necessary drawings and diagrams, shall be provided by the contractor company to the Customer. All personnel to participate in the training course shall have a copy of the training notes on electronic media.			
14	SERVICE PERIOD, WARRANTY, MAINTENANCE AND SUPPORT			
14.1	Service period for Cloud based GIS shall be covering a period of 3 (three) years			
14.2	Warranty period for all units/sub units of the proposed solution equipment and of the future ordered Equipment including spare units shall be one year from the acceptance of the system by Bidder.			
14.3	The Bidder shall provide details of technical support and back up procedures during the warranty period.			

Section VIII. Bidding Forms

TABLE OF CONTENTS

BID FORM85
OMNIBUS SWORN STATEMENT88
CONTRACT AGREEMENT FORM.....89
BANK GUARANTEE FORM FOR ADVANCE PAYMENT.....91
BID SECURING DECLARATION.....92
LIST OF ALL ONGOING GOV'T & PRIVATE CONTRACTS94
**STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO
THE CONTRACT BE BID.....95**

Bid Form

Date: _____

To: *GMA Water District*

Address: *Block 4 Lot.1, Congressional Road, Brgy. Poblacion 2, GMA , Cavite*

Gentlemen and/or Ladies:

Having examined the Bidding Documents including Bid Bulletin Numbers _____ the receipt of which is hereby duly acknowledged, we, the undersigned, offer to undertake the Supply, Delivery and Installation of a Cloud-Based Geographic Information System (GIS) in conformity with the said Bidding Documents for the sum of or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in BDS provision for ITB Clause 18.2 and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address Of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____

(if none, state "None")

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the lowest or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per ITB Clause 5 of the Bidding Documents.

Dated this ____ day of _____, 2016

[NAME OF AUTHORIZED REPRESENTATIVE] _____

[in the capacity of]

Duly authorized to sign Bid for and on behalf of [NAME OF BIDDER].

BID PRICES/BILL OF QUANTITIES

BID NO: 04-2016

[Month DD, YYYY]

ITEM NO.	QUANTITY	PARTICULARS	UNIT PRICE	TOTAL PRICE	APPROVED BUDGET
1	1 lot	Supply of a Cloud-Based Geographic Information System (GIS)			5,000,000.00
		TOTAL BID			
		TOTAL BUDGET			5,000,000.00

Signature of Representative _____

Name of Representative _____

Position _____

Company _____

Address _____

Telephone/Fax/E-mail _____

Omnibus Sworn Statement

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, *[Name of Affiant]*, of legal age, *[Civil Status]*, *[Nationality]*, and residing at *[Address of Affiant]*, after having been duly sworn in accordance with law, do hereby depose and state that:

1. **Select one, delete the other:**

If a sole proprietorship: I am the sole proprietor of *[Name of Bidder]* with office address at *[address of Bidder]*;

If a partnership, corporation, cooperative, or joint venture: I am the duly authorized and designated representative of *[Name of Bidder]* with office address at *[address of Bidder]*;

2. **Select one, delete the other:**

If a sole proprietorship: As the owner and sole proprietor of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for *[Name of the Project]* of the *[Name of the Procuring Entity]*;

If a partnership, corporation, cooperative, or joint venture: I am granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the *[Name of Bidder]* in the bidding as shown in the attached *[state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate issued by the corporation or the members of the joint venture)]*;

3. *[Name of Bidder]* is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board;
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. *[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

Contract Agreement Form

THIS AGREEMENT made this _____ day of _____ 20____ between [*name of PROCURING ENTITY*] of the Philippines (hereinafter called “the Entity”) of the one part and [*name of Supplier*] of [*city and country of Supplier*] (hereinafter called “the Supplier”) of the other part:

WHEREAS the Entity invited Bids for certain goods and ancillary services, viz., [*brief description of goods and services*] and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of [*contract price in words and figures*] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Bid Form and the Price Schedule submitted by the Bidder;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract; and
 - (f) the Entity’s Notification of Award.
3. In consideration of the payments to be made by the Entity to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Entity to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract
4. The Entity hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the time and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

Signed, sealed, delivered by _____ the _____ (for the Entity)

Signed, sealed, delivered by _____ the _____ (for the Supplier).

If a sole proprietorship: I am not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

If a partnership or cooperative: None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

If a corporation or joint venture: None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the following responsibilities as a Bidder:
 - a) Carefully examine all of the Bidding Documents;
 - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

IN WITNESS WHEREOF, I have hereunto set my hand this ___ day of ___, 20__ at _____, Philippines.

Bidder's Representative/Authorized Signatory

[JURAT]

Bank Guarantee Form for Advance Payment

To: *[name and address of PROCURING ENTITY]*
[name of Contract]

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 10 of the General Conditions of Contract to provide for advance payment, *[name and address of Supplier]* (hereinafter called the "Supplier") shall deposit with the PROCURING ENTITY a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of *[amount of guarantee in figures and words]*.

We, the *[bank or financial institution]*, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the PROCURING ENTITY on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding *[amount of guarantee in figures and words]*.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the PROCURING ENTITY and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[date]*.

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.
X-----X

BID-SECURING DECLARATION

Invitation to Bid for the Supply, Delivery and Installation of Cloud-Based Geographic Information System (GIS) for GMA Water District

To: GMA WATER DISTRICT
Gen. Mariano Alvarez, Cavite

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration³, if I/we have committed any of the following actions:
 - (i) Withdrawn my/our Bid during the period of bid validity required in the Bidding Documents; or
 - (ii) Fail or refuse to accept the award and enter into contract or perform any and all acts necessary to the execution of the Contract, in accordance with the Bidding Documents after having been notified of your acceptance of our Bid during the period of bid validity.
3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
 - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
 - (c) I am/we are declared as the bidder with the Lowest Calculated and Responsive Bid/Highest Rated and Responsive Bid⁴, and I/we have furnished the performance security and signed the Contract.

¹ Select one and delete the other.

² Select one and delete the other. Adopt same instruction for similar terms throughout the document. ³

Issued by the GPPB through GPPB Resolution 03-2012 on 27 January 2012.

⁴ Select one and delete the other.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of [month] [year] at [place of execution].

**[Insert NAME OF BIDDER'S
AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant**

SUBSCRIBED AND SWORN to before me this __ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. ____ and his/her Community Tax Certificate No. _____ issued on _____ at _____.

Witness my hand and seal this ____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. __, [date issued], [place issued]

IBP No. __, [date issued], [place issued]

Doc. No. ____
Page No. ____
Book No. ____
Series of ____

List of all Ongoing Government & Private Contracts Including contracts awarded but not yet started, whether similar or not similar in nature

Business Name : _____
 Business Address : _____

Name of Contract / Project Cost	Owner's Name a. Address b. Telephone Nos.	Nature of Work	Bidder's Role		Date Awarded a. Date Started b. Date of Completion	% of Accomplishment		Value of Outstanding Works / Undelivered Portion
			Description	%		Planned	Actual	
<u>Government</u>								
<u>Private</u>								
Total Cost								

Note: This statement shall be supported with:
 1 Notice of Award and/or Contract
 2 Notice to Proceed issued by the owner
 3 Certificate of Performance signed by the owner or authorized representative

Submitted by : _____
 (Printed Name & Signature)
 Designation : _____
 Date : _____

Statement of Single Largest Completed Contract Similar to the Contract be Bid

Business Name : _____
 Business Address : _____

Name of Contract / Project Cost	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidder's Role		a. Amount at Award b. Amount at Completion c. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed
			Description	%		
<u>Government</u>						
<u>Private</u>						

Note: This statement shall be supported with:

- 1 Contract
- 2 Certificate of Completion
- 3 Certificate of Acceptance

Submitted by : _____
 (Printed Name & Signature)

Designation : _____

Date : _____