

BIDDING DOCUMENTS

PROCUREMENT OF ONE (1)-YEAR COMPREHENSIVE MAINTENANCE AND SUPPORT SERVICES FOR THE DATA CENTER IT INFRASTRUCTURE AND AUXILIARY EQUIPMENT OF THE BUREAU OF THE TREASURY (BTr) – CENTRAL AND PANAY OFFICE

PUBLIC BIDDING NO.: 19-130-8

**Fifth Edition
August 2016**

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Section I. Invitation to Bid



Republic of the Philippines
Department of Budget and Management
PROCUREMENT SERVICE
BIDS AND AWARDS COMMITTEE



INVITATION TO BID
FOR THE

Procurement of One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the Bureau of the Treasury (BTr) – Central and Panay Office

PUBLIC BIDDING NO. 19-130-8

FUNDING SOURCE:

Government of the Philippines (GOP) through approved under
General Appropriations Act of CY 2017 of BTr

1. The **PROCUREMENT SERVICE (PS)** invites Philippine Government Electronic Procurement System (PhilGEPS)-registered suppliers to bid for the item:

| Lot No. | Quantity | Item/Description | Approved Budget for the Contract | Price of Bid Documents | Delivery Period |
|--------------|----------|--|----------------------------------|------------------------|--|
| 1 | 1 lot | 1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | ₱24,000,000.00 | ₱4,000.00 | Please refer to Section VI. Schedule of Requirements |
| | | 2 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i> | ₱8,173,076.92 | | |
| TOTAL | | | ₱32,173,076.92 | | |

Bidders should have completed, within *ten (10) years* from the date of submission and receipt of bids, a contract similar to the Project.

2. The summary of the bidding activities is as follows:

| | |
|---|--------------------------|
| Advertisement/Posting of Invitation to Bid | 16 April 2019 |
| Issuance and Availability of Bid Documents | 16 April 2019 |
| Pre-Bid Conference | 23 April 2019 (10:00 AM) |
| Last Day of Written Clarification | 27 April 2019 |
| Last Day of Issuance of Bid Bulletin | 30 April 2019 |
| Deadline for Submission and Opening of Bids | 07 May 2019 (10:00 AM) |

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”.
4. 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.
5. A complete set of Bidding Documents may be acquired by interested Bidders from the Bids and Awards Committee VIII (see address below) and upon payment of a nonrefundable fee for the Bidding Documents, in amounts pursuant to the Schedule.

The Bidding Documents may also be downloaded free of charge from the website of the PhilGEPS provided that Bidders shall pay the non-refundable price not later than the submission of their bids.

Interested bidders may inspect the Bidding Documents and obtain further information from the Bids and Awards Committee VIII at the address given below.

6. The PS will hold a Pre-Bid Conference on 23 April 2019 at 10:00 AM which shall be open to all interested parties.
7. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 18.

Bid opening shall be conducted on 07 May 2019 (10:00 AM) at the Procurement Service, PS Complex, R. R. Road, Cristobal St., Paco, Manila. Bids will be opened in the presence of the Bidders’ representatives who choose to attend the opening. **Late bids shall not be accepted.**

8. Bidders shall drop their duly accomplished eligibility requirements, technical and financial proposals in two separate sealed envelopes in the designated bid box located at the Bidding Room.
9. The PS 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.

10. For further information, please refer to:

Bids and Awards Committee VIII
Procurement Service
PS Complex, R. R. Road, Cristobal St., Paco, Manila
(02)354-1623 or (0917)537-8811
pd8@ps-philgeps.gov.ph


ENGR. JAIME M. NAVARRETE, JR.
Chairperson
Bids and Awards Committee VIII

Section II. Instructions to Bidders

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A. General

1. Scope of Bid

- 1.1. The Procuring Entity named in the **BDS** invites bids for the supply and delivery of the Goods as described in Section VII. Technical Specifications.
- 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 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 (g) 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;
- (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;
- (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; or
- (g) A Bidder 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.

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 (HoPE), 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;
- (d) If the Bidder is a cooperative, to all its officers, directors, and controlling shareholders or members; and

- (e) If the Bidder is a joint venture (JV), the provisions of items (a), (b), (c), or (d) 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
 - (e) Persons/entities forming themselves into a Joint Venture (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 JV 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 RA 9184 and its IRR allow foreign bidders to participate;
 - (b) Citizens, corporations, or associations of a country, 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 owned or –controlled corporations (GOCCs) may be eligible to participate only if they can establish that they (a) are legally and financially autonomous, (b) operate under commercial law, and (c) are not attached agencies of the Procuring Entity.

- 5.4. Unless otherwise provided in the **BDS**, the Bidder must have completed a Single Largest Completed Contract (SLCC) similar to the Project and the value of which, adjusted, if necessary, by the Bidder to current prices using the Philippine Statistics Authority (PSA) consumer price index, must be at least equivalent to a percentage of the ABC stated in the **BDS**.

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)(ii).

- 5.5. The Bidder must submit a computation of its Net Financial Contracting Capacity (NFCC), which must be at least equal to the ABC to be bid, calculated as follows:

NFCC = [(Current assets minus current liabilities) (15)] 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 to be bid.

The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR.

For purposes of computing the foreign bidders' NFCC, the value of the current assets and current liabilities shall be based on their audited financial statements prepared in accordance with international financial reporting standards.

If the prospective bidder opts to submit a committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC to be bid. If issued by a foreign universal or commercial bank, it shall be confirmed or authenticated by a local universal or commercial bank.

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 10.4.

- (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) Ensuring that 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;
- (g) Authorizing the HoPE or its duly authorized representative/s to verify all the documents submitted;
- (h) 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;
- (i) Complying with the disclosure provision under Section 47 of RA 9184 and its IRR in relation to other provisions of RA 3019;
- (j) Complying with existing labor laws and standards, in the case of procurement of services; Moreover, bidder undertakes to:
 - (i) Ensure the entitlement of workers to wages, hours of work, safety and health and other prevailing conditions of work as established by national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable.

In case there is a finding by the Procuring Entity or the DOLE of underpayment or non-payment of workers’ wage and wage-related benefits, bidder agrees that the performance security or portion of the contract amount shall be withheld in favor of the complaining workers pursuant to appropriate provisions of Republic Act No. 9184 without prejudice to the institution of appropriate actions under the Labor Code, as amended, and other social legislations.

- (ii) Comply with occupational safety and health standards and to correct deficiencies, if any.

In case of imminent danger, injury or death of the worker, bidder undertakes to suspend contract implementation pending clearance to proceed from the DOLE Regional Office and to comply with Work Stoppage Order; and

- (iii) Inform the workers of their conditions of work, labor clauses under the contract specifying wages, hours of work and other benefits under prevailing national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable, through posting in two (2) conspicuous places in the establishment's premises; and
- (k) Ensuring that it did not give or pay, directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

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. However, the Procuring Entity shall ensure that all information in the Bidding Documents, including bid/supplemental bid bulletin/s issued, are correct and consistent.
- 6.6. 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.
- 6.7. 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.
- 6.8. The Bidder should note that the Procuring Entity will accept bids only from those that have paid the applicable 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 submit the documentary requirements under **ITB** Clause 12 and comply with the eligibility criteria 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, but not earlier than seven (7) calendar days from the posting of the invitation to bid/bidding documents in the PhilGEPS website. 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 as recorded in the minutes of the pre-bid conference and the Supplemental/Bid Bulletin. The minutes of the pre-bid conference shall be recorded and prepared not later than five (5) calendar days after the pre-bid conference. The minutes shall be made available to prospective bidders not later than five (5) days upon written request.
- 9.3. Decisions of the BAC amending any provision of the bidding documents shall be issued in writing through a Supplemental/Bid Bulletin at least seven (7) calendar days before the deadline for the submission and receipt of bids.

10. Clarification and Amendment of Bidding Documents

- 10.1. Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. 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. The BAC shall respond to the said request by issuing a Supplemental/Bid Bulletin, to be made available to all those who have properly secured the Bidding Documents, at least seven (7) calendar days before the deadline for the submission and receipt of Bids.
- 10.3. Supplemental/Bid Bulletins may also 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.
- 10.4. Any Supplemental/Bid Bulletin issued by the BAC shall also be posted in the PhilGEPS and the website of the Procuring Entity concerned, if available, and at any conspicuous place in the premises of the Procuring Entity concerned. It shall be the responsibility of all Bidders who have properly secured 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 Bids

The eligibility requirements or statements, the bids, and all other documents to be submitted to the BAC must be in English. If the eligibility requirements or statements, the bids, and all other documents submitted to the BAC are in foreign language other than English, it must be accompanied by a translation of the documents in English. The documents shall be translated by the relevant foreign government agency, the foreign government agency authorized to translate documents, or a registered translator in the foreign bidder's country; and shall be authenticated by the appropriate Philippine foreign service establishment/post or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. The English translation shall govern, for purposes of interpretation of the bid.

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) PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or Post, which shall submit their eligibility documents under Section 23.1 of the IRR, provided, that the winning bidder shall register with the PhilGEPS in accordance with section 37.1.4 of the IRR.
- (ii) Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and

Statement of the Bidder's SLCC similar to the contract to be bid, in accordance with ITB Clause 5.4, within the relevant period as provided in the **BDS**.

The two statements required shall indicate for each contract the following:

- (ii.1) name of the contract;
 - (ii.2) date of the contract;
 - (ii.3) contract duration;
 - (ii.4) owner's name and address;
 - (ii.5) kinds of Goods;
 - (ii.6) For Statement of Ongoing Contracts - amount of contract and value of outstanding contracts;
 - (ii.7) For Statement of SLCC - amount of completed contracts, adjusted by the Bidder to current prices using PSA's consumer price index, if necessary for the purpose of meeting the SLCC requirement;
 - (ii.8) date of delivery; and
 - (ii.9) end user's acceptance or official receipt(s) or sales invoice issued for the contract, if completed, which shall be attached to the statements.
- (iii) NFCC computation in accordance with ITB Clause 5.5 or a committed Line of Credit from a universal or commercial bank.

Class "B" Document:

- (iv) If applicable, the Joint Venture Agreement (JVA) in case the joint venture is already in existence, or duly notarized statements from all the potential joint venture partners in accordance with Section 23.1(b) of the IRR.
- (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 of the Bidding Documents; and
 - (iii) Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section VIII. Bidding Forms.
 - (iv) For foreign bidders claiming eligibility by reason of their country's extension of reciprocal rights to Filipinos, a certification from the relevant government office of their country stating that Filipinos are allowed to participate in their government procurement activities for the same item or product.

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 applicable Price Schedules, in accordance with **ITB** Clauses 15.1 and 15.4;
 - (b) If the Bidder claims preference as a Domestic Bidder, a certification from the DTI 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 monitoring and evaluation system for contract implementation to provide a feedback on actual total costs of goods and works.

14. Alternative Bids

- 14.1 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.
- 14.2 Each Bidder shall submit only one Bid, either individually or as a partner in a JV. A Bidder who submits or participates in more than one bid (other than as a subcontractor if a subcontractor is permitted to participate in more than one bid) will cause all the proposals with the Bidder's participation to be disqualified. This shall be without prejudice to any applicable criminal, civil and administrative penalties that may be imposed upon the persons and entities concerned.

15. Bid Prices

- 15.1. The Bidder shall complete the appropriate Schedule of Prices 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 Schedule of Prices. Bids not addressing or providing all of the required items in the Bidding Documents including, where applicable, Schedule of Prices, 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 zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Government, except those required by law or regulations to be accomplished.
- 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);
 - (ii) The cost of all customs duties and sales and other taxes already paid or payable;
 - (iii) The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - (iv) 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**.

- (c) For Services, based on the form which may be prescribed by the Procuring Entity, in accordance with existing laws, rules and regulations

- 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 for the given scope of work in the contract as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances. Upon the recommendation of the Procuring Entity, price escalation may be allowed in extraordinary circumstances as may be determined by the National Economic and Development Authority in accordance with the Civil Code of the Philippines, and upon approval by the GPPB. 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 *Bangko Sentral ng Pilipinas* (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 Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount stated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the following schedule:

| Form of Bid Security | Amount of Bid Security (Not Less than the Percentage of the ABC) |
|--|---|
| <p>(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.</p> <p><i>For biddings conducted by LGUs, the Cashier's/Manager's Check may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p> | |
| <p>(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.</p> <p><i>For biddings conducted by LGUs, Bank Draft/Guarantee, or Irrevocable Letter of Credit may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p> | Two percent (2%) |
| <p>(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.</p> | Five percent (5%) |

The Bid Securing Declaration mentioned above is an undertaking which states, among others, that the Bidder shall enter into contract with the procuring entity and furnish the performance security required under ITB Clause 33.2, within ten (10) calendar days from receipt of the Notice of Award, and commits to pay the corresponding amount as 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 provided in the guidelines issued by the GPPB.

- 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 request for reconsideration and/or protest, or upon the lapse of the reglementary period to file a request for reconsideration or protest. Without prejudice on its forfeiture, bid securities shall be returned only after the Bidder with the Lowest Calculated Responsive Bid (LCRB) 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) has a finding against the veracity of any of the documents submitted 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 LCRB;
 - (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. This shall also be observed for each lot in the case of lot procurement.
- 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 addition, the Bidder shall submit copies of the first and second envelopes. In the event of any discrepancy between the original and the copies, the original shall prevail.
- 19.4. Each and every page of the Bid Form, including the Schedule of Prices, under Section VIII hereof, shall be signed by the duly authorized representative/s of the Bidder. Failure to do so shall be a ground for the rejection of the bid.

- 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.

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 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 **ITB** Clause 1.2; 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. Bid envelopes that are not properly sealed and marked, as required in the bidding documents, shall not be rejected, but the Bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC or the Procuring Entity shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening.

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. The BAC shall record in the minutes of bid submission and opening, the Bidder's name, its representative and the time the late bid was submitted.

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 and properly identified in accordance with **ITB** Clause 20, 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. The Letter of Withdrawal must be executed by the duly authorized representative of the Bidder identified in the Omnibus Sworn Statement, a copy of which should be attached to the letter.
- 23.3. Bids requested to be withdrawn in accordance with **ITB** Clause 23.1 shall be returned unopened to the Bidders. A Bidder, who has acquired the bidding documents, may also express its intention not to participate in the bidding through a letter which should reach and be stamped by the BAC before the deadline for submission and receipt of 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 bids in public, immediately after the deadline for the submission and receipt of bids, as specified in the **BDS**. In case the Bids cannot be opened as scheduled due to justifiable reasons, the BAC shall take custody of the Bids submitted and reschedule the opening of Bids on the next working day or at the soonest possible time through the issuance of a Notice of

Postponement to be posted in the PhilGEPS website and the website of the Procuring Entity concerned.

- 24.2. Unless otherwise specified in the **BDS**, the BAC shall open the first bid envelopes and determine each Bidder's compliance with the documents prescribed in **ITB** Clause 12, 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".
- 24.3. 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.
- 24.4. 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.
- 24.5. All members of the BAC who are present during bid opening shall initial every page of the original copies of all bids received and opened.
- 24.6. In the case of an eligible foreign bidder as described in **ITB** Clause 5, the following Class "A" Documents may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign Bidder concerned, which shall likewise be uploaded and maintained in the PhilGEPS in accordance with Section 8.5.2 of the IRR:
 - (a) Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives;
 - (b) Mayor's/Business permit issued by the local government where the principal place of business of the bidder is located; and
 - (c) Audited Financial Statements showing, among others, the prospective bidder's total and current assets and liabilities stamped "received" by the Bureau of Internal Revenue or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two years from the date of bid submission.
- 24.7. Each partner of a joint venture agreement shall likewise submit the requirements in **ITB** Clause 12.1(a)(i). Submission of documents required

under ITB Clauses 12.1(a)(ii) to 12.1(a)(iii) by any of the joint venture partners constitutes compliance.

- 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 (per lot, if applicable, and/or including discount, if any), bid security, findings of preliminary examination, and whether there is a withdrawal or modification; and (b) attendance sheet. The BAC members shall sign the abstract of bids as read.
- 24.8 The bidders or their duly authorized representatives may attend the opening of bids. The BAC shall ensure the integrity, security, and confidentiality of all submitted bids. The Abstract of Bids as read and the minutes of the bid opening shall be made available to the public upon written request and payment of a specified fee to recover cost of materials.
- 24.9 To ensure transparency and accurate representation of the bid submission, the BAC Secretariat shall notify in writing all bidders whose bids it has received through its PhilGEPS-registered physical address or official e-mail address. The notice shall be issued within seven (7) calendar days from the date of the bid opening.

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 the lowest Foreign Bid is lower than the lowest bid offered by a Domestic Bidder.
- (b) For evaluation purposes, the lowest Foreign Bid shall be increased by fifteen percent (15%).
- (c) In the event that the lowest bid offered by a Domestic Bidder does not exceed the lowest Foreign Bid as increased, then the Procuring Entity shall award the contract to the Domestic Bidder at the amount of the lowest Foreign Bid.
- (d) If the Domestic Bidder refuses to accept the award of contract at the amount of the Foreign Bid 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, 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 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. The BAC shall consider the following in the evaluation of bids:

- (a) Completeness of the bid. Unless the **BDS** allows partial bids, bids not addressing or providing all of the required items in the Schedule of Requirements including, where applicable, Schedule of Prices, 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 zero (0)

or a dash (-) for the said item would mean that it is being offered for free to the Procuring Entity, except those required by law or regulations to be provided for; and

(b) Arithmetical corrections. Consider computational errors and omissions to enable proper comparison of all eligible bids. It may also consider bid modifications. Any adjustment shall be calculated in monetary terms to determine the calculated prices.

- 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 be based on the bid price quoted in the Bid Form, which includes the Schedule of Prices.
- 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.
- 28.7. If so indicated pursuant to **ITB** Clause 1.2, Bids are being invited for individual lots or for any combination thereof, provided that all Bids and combinations of Bids shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid prices quoted shall correspond to all items specified for each lot and to all quantities specified for each item of a lot. Bid Security as required by **ITB** Clause 18 shall be submitted for each contract (lot) separately. The basis for evaluation of lots is specified in **BDS** Clause 28.3.

29. Post-Qualification

- 29.1. The BAC shall determine to its satisfaction whether the Bidder that is evaluated as having submitted the Lowest Calculated Bid 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 five (5) calendar days from receipt by the bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

Failure to submit any of the post-qualification requirements on time, or a finding against the veracity thereof, shall disqualify the bidder for award. Provided in the event that a finding against the veracity of any of the documents submitted is made, it shall cause the forfeiture of the bid security in accordance with Section 69 of the IRR of RA 9184.

- 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, which shall be completed within a period of twelve (12) calendar days.
- 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 LCRB, and recommend to the HoPE 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 with a fresh period 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 LCRB is determined for recommendation for contract award.
- 29.6. Within a period not exceeding fifteen (15) calendar days from the determination by the BAC of the LCRB and the recommendation to award the contract, the HoPE or his duly authorized representative shall approve or disapprove the said recommendation.
- 29.7. In the event of disapproval, which shall be based on valid, reasonable, and justifiable grounds as provided for under Section 41 of the IRR of RA 9184, the HoPE shall notify the BAC and the Bidder in writing of such decision and the grounds for it. When applicable, the BAC shall conduct a post-qualification of the Bidder with the next Lowest Calculated Bid. A request for reconsideration may be filed by the bidder with the HoPE in accordance with Section 37.1.3 of the IRR of RA 9184.

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 HoPE;
 - (ii) If the project is no longer necessary as determined by the HoPE; 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 LCRB refuses, without justifiable cause to accept the award of contract, and no award is made in accordance with Section 40 of the IRR of RA 9184.

F. Award of Contract

31. Contract Award

- 31.1. Subject to **ITB** Clause 29, the HoPE or its duly authorized representative 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 duly received by the Bidder or its representative 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 following documents within ten (10) calendar days from receipt of the Notice of Award:
 - (i) Valid JVA, if applicable; or
 - (ii) In the case of procurement by a Philippine Foreign Service Office or Post, the PhilGEPS Registration Number of the winning foreign Bidder;
 - (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, as provided in Section 37.3 of the IRR of RA 9184.
- 31.4. At the time of contract award, the Procuring Entity shall not increase or decrease the quantity of goods originally specified in 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, 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 (e.g., bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
- (d) Performance Security;
- (e) Notice of Award of Contract; and
- (f) 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 not less than the percentage of the total contract price in accordance with the following schedule:

| Form of Performance Security | Amount of Performance Security (Not less than the Percentage of the Total Contract Price) |
|--|---|
| <p>(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.</p> <p><i>For biddings conducted by the LGUs, the Cashier's/Manager's Check may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p> | <p>Five percent (5%)</p> |

| Form of Performance Security | Amount of Performance Security (Not less than the Percentage of the Total Contract Price) |
|---|---|
| <p>(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.</p> <p><i>For biddings conducted by the LGUs, the Bank Draft/Guarantee or Irrevocable Letter of Credit may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p> | <p>Five percent (5%)</p> |
| <p>(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.</p> | <p>Thirty percent (30%)</p> |

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 have a fresh period to 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 recommendation of 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, if necessary.

34. Notice to Proceed

Within seven (7) calendar days from the date of approval of the contract by the appropriate government approving authority, the Procuring Entity shall issue the Notice to Proceed (NTP) together with a copy or copies of the approved contract to the successful Bidder. All notices called for by the terms of the contract shall be effective only at the time of receipt thereof by the successful Bidder.

35. Protest Mechanism

Decisions of the procuring entity at any stage of the procurement process may be questioned in accordance with Section 55 of the IRR of RA 9184.

Section III. Bid Data Sheet

Bid Data Sheet

| ITB Clause | | | | | | | | | | | | | | | | | | |
|-------------------|---|------------------|---|----------------------------------|--|---------|----------|------------------|------------------|----------------------------------|---|--|-------|---|----------------|---|--|--|
| 1.1 | The Procuring Entity is Procurement Service. | | | | | | | | | | | | | | | | | |
| 1.2 | The lot and reference are: | | | | | | | | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Lot No.</th> <th style="width: 15%;">Quantity</th> <th colspan="3">Item/Description</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center;">1</td> <td rowspan="2" style="text-align: center;">1 lot</td> <td style="text-align: center;">1</td> <td colspan="2">One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i></td> </tr> <tr> <td style="text-align: center;">2</td> <td colspan="2">One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i></td> </tr> </tbody> </table> | | | | | Lot No. | Quantity | Item/Description | | | 1 | 1 lot | 1 | One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | | 2 | One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i> | |
| Lot No. | Quantity | Item/Description | | | | | | | | | | | | | | | | |
| 1 | 1 lot | 1 | One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | | | | | | | | | | | | | | | |
| | | 2 | One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i> | | | | | | | | | | | | | | | |
| 2 | The Funding Source is: | | | | | | | | | | | | | | | | | |
| | The GOP through approved budget under GAA of CY 2017 of BTr in the amount of: | | | | | | | | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 8%;">Lot No.</th> <th style="width: 18%;">Agency</th> <th style="width: 10%;">Quantity</th> <th style="width: 30%;">Item/Description</th> <th style="width: 34%;">Approved Budget for the Contract</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">BTr APR# 18- 00111S 19- 0003S</td> <td style="text-align: center;">1 lot</td> <td style="text-align: center;">1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i></td> <td style="text-align: center;">₱24,000,000.00</td> </tr> </tbody> </table> | | | | | Lot No. | Agency | Quantity | Item/Description | Approved Budget for the Contract | 1 | BTr APR# 18- 00111S 19- 0003S | 1 lot | 1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | ₱24,000,000.00 | | | |
| Lot No. | Agency | Quantity | Item/Description | Approved Budget for the Contract | | | | | | | | | | | | | | |
| 1 | BTr APR# 18- 00111S 19- 0003S | 1 lot | 1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | ₱24,000,000.00 | | | | | | | | | | | | | | |

| | | | | | | |
|---|---|--|--|---|--|-----------------------|
| | | | | 2 | One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i> | ₱8,173,076.92 |
| | | | | | TOTAL | ₱32,173,076.92 |
| <p>The name of the Project is: Procurement of One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the Bureau of the Treasury (BTr) – Central and Panay Office.</p> | | | | | | |
| 3.1 | No further instructions. | | | | | |
| 5.1 | No further instructions. | | | | | |
| 5.2 | Foreign bidders, except those falling under ITB Clause 5.2(b), may not participate in this Project. | | | | | |
| 5.4 | <p>The Bidder must have completed, within the period specified in the Invitation to Bid and ITB Clause 12.1(a)(ii), a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.</p> <p>For this purpose, similar contracts shall refer to any contract involving Data Center and Facilities Maintenance which includes all components: Electrical System, Fire Suppression, Air-conditioning Unit, Uninterruptible Powers Supply (UPS), Structured Cabling System, Security Access Control and CCTV.</p> <p>The PS-BAC shall consider the submissions of the bidder under ITB Clause 12.1a (ii.9) in relation to BDS Clause 12.1(a)(ii) in the determination of the bidder's completed largest single contract.</p> <p>The bidder with the lowest calculated bid (LCB) shall submit, within five (5) calendar days from receipt of Notice from the PS BAC, proof of statement of single largest contract, which shall be copy of any verifiable document(s) such as but not limited to the following: (a) Contract/s or Purchase Order/s; (b) corresponding Sales Invoice/s; (c) Official Receipt/Cash Receipt/Collection Receipt; and (d) Certificate of Satisfactory Completion.</p> | | | | | |
| 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 23 April 2019 (10:00 AM) at the Procurement Service, PS Complex, R. R. Road, Cristobal St., Paco, Manila. |
| 10.1 | The Procuring Entity's address is: <i>PROCUREMENT SERVICE PS COMPLEX, R. R. ROAD, CRISTOBAL ST., PACO, MANILA 1007 (02)354-1623 or (0917)537-8811</i> |
| 12.1(a) | Deferment on the implementation of the mandatory submission of PhilGEPS Certificate of Registration and Membership (GPPB Circular 07-2017 dated 31 July 2017). "4.1.1 For all procurement projects advertised and/or posted after the effectivity of this Circular, bidders may still submit their Class "A" Eligibility Documents required to be uploaded and maintained current and updated in the PhilGEPS pursuant to Section 8.5.2 of the same IRR, or if already registered in the PhilGEPS under Platinum category, their Certificate of Registration and Membership in lieu of their uploaded file of Class "A" Documents, or a combination thereof. In case the bidder opted to submit their Class "A" Documents, the Certificate of PhilGEPS Registration (Platinum Membership) shall remain as a post-qualification requirement to be submitted in accordance with Section 34.2 of the 2016 Revised IRR of RA 9184;" |
| 12.1(a)(ii) | The bidder's SLCC similar to the contract to be bid should have been completed within <u>10 years</u> prior to the deadline for the submission and receipt of bids. The statement of all ongoing contracts and awarded but not yet started contracts which may or may not be similar to the project as of the day before the deadline of submission of bids. Bidders shall submit separate statements for: (1) single largest similar completed contract/s; similar to the contract to be bid and (2) all on-going contracts and awarded but not yet started contracts. Attached as Annexes "C" and "C-1" in Section VIII. Bidding Forms are the standard forms for this requirement including the instructions and guidelines in the accomplishment of said forms. |
| 13.1 | No additional requirements. |
| 13.1(b) | No further instructions. |

| 13.1(c) | No additional requirements. | | | | | | | | | | | | | | |
|--------------|---|--|----------------------------------|------------------|----------------------------------|---|-------|--|----------------|--|---------------|--------------|--|--|-----------------------|
| 13.2 | <p>The ABC are as follows:</p> <table border="1"> <thead> <tr> <th>Lot No.</th> <th>Quantity</th> <th>Item/Description</th> <th>Approved Budget for the Contract</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1</td> <td rowspan="2">1 lot</td> <td>1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i></td> <td>₱24,000,000.00</td> </tr> <tr> <td>2 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i></td> <td>₱8,173,076.92</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td>₱32,173,076.92</td> </tr> </tbody> </table> <p>Any bid with a financial component exceeding this amount shall not be accepted.</p> | Lot No. | Quantity | Item/Description | Approved Budget for the Contract | 1 | 1 lot | 1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | ₱24,000,000.00 | 2 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i> | ₱8,173,076.92 | TOTAL | | | ₱32,173,076.92 |
| Lot No. | Quantity | Item/Description | Approved Budget for the Contract | | | | | | | | | | | | |
| 1 | 1 lot | 1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | ₱24,000,000.00 | | | | | | | | | | | | |
| | | 2 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i> | ₱8,173,076.92 | | | | | | | | | | | | |
| TOTAL | | | ₱32,173,076.92 | | | | | | | | | | | | |
| 15.4(a)(iv) | No incidental services are required. | | | | | | | | | | | | | | |
| 15.4(b) | No incidental services are required. | | | | | | | | | | | | | | |
| 16.1(b) | The Bid prices for Goods supplied from outside of the Philippines shall be quoted in Philippine Pesos. | | | | | | | | | | | | | | |
| 16.3 | Not applicable. | | | | | | | | | | | | | | |
| 17.1 | Bids will be valid for one hundred twenty (120) calendar days from opening of bids. | | | | | | | | | | | | | | |
| 18.1 | The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: | | | | | | | | | | | | | | |

| Lot No. | Item /Description | Amount Cash, Cashier's / Manager's Check, Bank Draft / Guarantee or Irrevocable Letter of Credit (2%) | Surety Bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission (5%) | Bid Securing Declaration (Pursuant to GPPB Resolution No. 03-2012 |
|--|--|--|---|--|
| 1 | 1. One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | ₱643,461.54 | ₱1,608,653.85 | Please see Section VIII attached as Annex "H" |
| | 2. One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i> | | | |
| The bid security in the form of cashier's/manager's check shall be payable to PROCUREMENT SERVICE . | | | | |
| 18.2 | The bid security shall be valid for one hundred twenty (120) calendar days from opening of bids. | | | |
| 20.3 | Each Bidder shall submit one (1) original and one (1) copy of the first and second components of its bid. The duplicate – <i>i.e. copy 1</i> , must include the same documents as that of the original set of documents. In case, however, a bidder opts to submit cash as bid security, copy 1 need not contain photocopies of the same. | | | |
| 21 | The address for submission of bids is: <i>Procurement Service</i> | | | |

| | <p><i>Procurement Division VIII PS Complex, R. R. Road, Cristobal St., Paco, Manila</i></p> <p>The deadline for submission of bids is on 07 May 2019 (10:00 AM).</p> | | | | | | | | |
|----------|---|--|----------------------------------|------------------|----------------------------------|---|-------|--|----------------|
| 24.1 | <p>The place of bid opening is:</p> <p><i>Procurement Service, PS Complex, R. R. Road, Cristobal St., Paco, Manila</i></p> <p>The bid opening will be held immediately after the deadline of submission of bids.</p> <p>During the opening of bids only the authorized representative shall be allowed to assist in the opening of bids. In case the authorized representative is not present, any representative of the authorized representative may be allowed to assist in the opening of bids provided that a separate written authorization from the authorized representative shall be presented for the purpose. Provided that the authorized representative is duly authorized to issue such further authority and the same is reflected in the Board Resolution and/or Secretary's Certificate.</p> | | | | | | | | |
| 24.2 | No further instructions. | | | | | | | | |
| 24.3 | No further instructions. | | | | | | | | |
| 27.1 | No further instructions. | | | | | | | | |
| 28.3 (a) | <p>Grouping and Evaluation of Lots –</p> <p>Partial bids are allowed. All Goods are grouped in lots listed below:</p> <table border="1"> <thead> <tr> <th>Lot No.</th> <th>Quantity</th> <th>Item/Description</th> <th>Approved Budget for the Contract</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1 lot</td> <td> 1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> </td> <td>₱24,000,000.00</td> </tr> </tbody> </table> | Lot No. | Quantity | Item/Description | Approved Budget for the Contract | 1 | 1 lot | 1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | ₱24,000,000.00 |
| Lot No. | Quantity | Item/Description | Approved Budget for the Contract | | | | | | |
| 1 | 1 lot | 1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | ₱24,000,000.00 | | | | | | |

| | | | | | |
|---|--|--|--|---|-----------------------|
| | | | | <p>2 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office</p> <p><i>See Terms of Reference of ITEM 2</i></p> | <p>₱8,173,076.92</p> |
| TOTAL | | | | | ₱32,173,076.92 |
| <p>Bidders shall have the option of submitting a proposal on any or all lots and evaluation and contract award will be undertaken on a per lot basis. Lots shall not be divided further into sub-lots for the purpose of bidding, evaluation, and contract award.</p> | | | | | |
| 28.4 | No further instructions. | | | | |
| 29.2 | <p>Licenses or permits required:</p> <ol style="list-style-type: none"> 1. Medium A Department of Trade and Industry – Philippine Contractors Accreditation Board (DTI-PCAB) License with all classifications in the following: <ol style="list-style-type: none"> a. Electrical Works b. Communication Facilities c. Air-Condition and Refrigeration Works d. Fire Protection Works e. Mechanical Works 2. Medium A DTI-PCAB License for the Sustaining Technical Employee (STE) registered with under the name of the Contractor for the following: <ol style="list-style-type: none"> a. Electrical Engineer b. Mechanical Engineer <p>For purposes of Post-qualification the following document(s) shall be submitted within five (5) calendar days from receipt of notice from the BAC</p> <ol style="list-style-type: none"> 1. Latest Income Tax Returns for year 2018 (BIR Form 1701 or 1702); and | | | | |
| | <ol style="list-style-type: none"> 2. Latest Value Added Tax Returns (Forms 2550M and 2550Q) or Percentage Tax Returns (Form 2551M) covering the last six (6) months reckoned from the Opening of Bids. | | | | |

The income tax and business tax returns stated above should have been filed through the Electronic Filing and Payment System (eFPS).

3. Proof of completion of the single largest contract as identified in the Statement of Single Largest Contract, which shall be a copy of any verifiable document(s) such as but not limited to the following: (a) Contract/s or Purchase Order/s; (b) corresponding Sales Invoice/s; (c) Official Receipt/Cash Receipt/Collection Receipt; and (d) Certificate of Satisfactory Completion.
4. Submission of pieces of evidence¹ as proof of compliance with the bidder's actual offer.
5. Certificate of Dealership or Authority to Sell and Commitment to Supply directly or indirectly and with access to spare parts issued by the Manufacturer for the following:
 - a. Eaton for Uninterruptable Power Supply
 - b. Montair for Precision Air-Conditioning Unit
 - c. Airedale for Precision Air-Conditioning Unit
 - d. Hewlett Packard for LAN Switches
 - e. Toshiba for Variable Refrigerant Flow Unit
 - f. Cummins for Generator Set
6. Installation, Maintenance, and other related manuals of the listed equipment from the Manufacturer.
7. Key Personnel to be assigned to the Project with duly Accomplished Curriculum Vitae accompanied by verifiable proof such as employment certificate, license, accreditation, and other similar documents.
8. ISO Certification for the provision of providing IT related products and services for any of the following:
 - a. Renovation/maintenance, or build of Datacenter
 - b. System integration
 - c. Build/renovation of data, voice and video Communication

N.B. Documents submitted during post-qualification as part of post-

¹ In the column "Bidder's Compliance", the bidder must state "comply" against each of the individual parameters of each specification corresponding to performance parameter of equipment offered. Statement of "comply" must be supported by evidence in a bidders bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's or distributor's un-amended sales literature, unconditional statements or specification and compliance issued by the manufacturer or distributor, samples, independent test data etc., as appropriate.

| | |
|---------|--|
| | <i>qualification documents must be certified by the authorized representative to be true copy/ies from the original.</i> |
| 32.4(f) | <i>No additional requirement.</i> |

Section IV. General Conditions of Contract

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29. CONTRACT AMENDMENT 64
30. APPLICATION 64



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 signing the contract, however the Supplier shall commence performance of its obligations only upon receipt of the Notice to Proceed and copy of the approved contract.

- (n) "Verified Report" refers to the report submitted by the Implementing Unit to the HoPE 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 the

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 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. If subcontracting is allowed, the Supplier may identify its subcontractor during contract implementation. Subcontractors disclosed and identified during the bidding may be changed during the implementation of this Contract. In either case, subcontractors must submit the documentary requirements under **ITB** Clause 12 and comply with the eligibility criteria 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. 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 its 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 HoPE 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. Payments shall be in accordance with the schedule stated in the **SCC**.
- 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.
- 10.5. Unless otherwise provided in the **SCC**, payments using Letter of Credit (LC), in accordance with the Guidelines issued by the GPPB, is allowed. For this purpose, the amount of provisional sum is indicated in the **SCC**. All charges for the opening of the LC and/or incidental expenses thereto shall be for the account of the Supplier.

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. All progress payments shall first be charged against the advance payment until the latter has been fully exhausted.
- 11.3. For Goods supplied from abroad, unless otherwise indicated in the **SCC**, the terms of payment shall be as follows:

- (a) On Contract Signature: Fifteen Percent (15%) 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: Sixty-five percent (65%) 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.

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 one percent (1%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) of the total 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 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 may rescind or terminate 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 Supplier 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 Supplier. 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 contact 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.

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 HoPE 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 HoPE 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 HoPE 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 HoPE 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 HoPE 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 HoPE 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 HoPE; 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 Procurement Service. |
| 1.1(i) | The Supplier is _____. |
| 1.1(j) | The Funding Source is The GOP through approved budget under GAA of CY 2017 of BTr. |
| 1.1(k) | The Project Site is: <i>Item 1: Bureau of the Treasury – Central Office Cabildo St. cor. A. Soriano Ave., Intramuros, Manila</i> <i>Item 2: Bureau of the Treasury – Panay Office BTr Regional Office, Pueblo de Panay, Roxas City</i> Contact Person: <i>John Mark G. Dalisay Information Technology Officer I (02)663-2266 jmgdalisay@treasury.gov.ph</i> |
| 2.1 | No further instructions. |
| 5.1 | The Procuring Entity’s address for Notices is: OFFICE OF THE EXECUTIVE DIRECTOR Procurement Service Ground Floor, PS Complex, R. R. Road, Cristobal St., Paco, Manila The Supplier’s address for Notices is: _____ _____ _____ |
| 6.2 | Delivery and Documents – 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: |



For Goods Supplied from Abroad, The delivery terms applicable to the Contract are DDP delivered to the above project site. In accordance with INCOTERMS.

For Goods Supplied from Within the Philippines, The delivery terms applicable to this Contract are delivered to the above project site. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”

Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are as follows:

For Goods supplied from within the Philippines:

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:

- (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.

For Goods supplied from abroad:

Upon shipment, the Supplier shall notify the Procuring Entity and the insurance company by cable the full details of the shipment, including Contract Number, description of the Goods, quantity, vessel, bill of lading number and date, port of loading, date of shipment, port of discharge etc. Upon delivery to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents as applicable with the documentary

requirements of any letter of credit issued taking precedence:

- (i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) Original and four copies of the negotiable, clean shipped on board bill of lading marked "freight pre-paid" and five copies of the non-negotiable bill of lading;
- (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 Procuring Entity's representative at the Project Site;
- (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.

For purposes of this Clause the Procuring Entity's Representative at the Project Site is _____.

Incidental Services –

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

Select appropriate requirements and delete the rest.

- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied

Goods.

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.

Spare Parts –

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

Select appropriate requirements and delete the rest.

- (a) such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- (b) in the event of termination of production of the spare parts:
 - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
 - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts required are listed in Schedule of Requirements and the cost thereof are included in the Contract Price

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods for a period of 5 years.

Other spare parts and components shall be supplied as promptly as possible, but in any case within one (1) month of placing the order.

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.

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,

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| | <p>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.</p> <p>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 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> |
| 10.4 | Not applicable. |
| 10.5 | Payment using LC is not allowed. |
| 11.3 | Maintain the GCC Clause. |
| 13.4(c) | No further instructions. |
| 16.1 | The inspections and tests that will be conducted shall be in accordance with Section VII. Technical Specifications. |
| 17.3 | One (1) year after acceptance of the completed Services. |
| 17.4 | The period for correction of defects in the warranty period is <u>within 30 days</u> . |
| 21.1 | If applicable, all partners to the joint venture shall be jointly and severally liable to the <i>procuring entity</i>. |

Section VI. Schedule of Requirements

Schedule of Requirements

| Lot No. | Quantity | Item/Description | Delivery period |
|---------|----------|--|--|
| 1 | 1 lot | 1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | Within One (1) Year from the effective date indicated in the Notice to Proceed |
| | | 2 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i> | |

I hereby commit to comply and deliver all the above requirements in accordance with the above stated schedule.

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| Name of Company | Signature over Printed Name of Authorized Representative | Date |
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Section VII. Technical Specifications

TECHNICAL SPECIFICATIONS

LOT NO. 1

ITEM 1 : Procurement of One (1) - year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the Bureau of the Treasury – Central Office.

ITEM 2 : Procurement of One (1) - year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the Bureau of the Treasury – Panay Office

QUANTITY : 1 lot

APPROVED BUDGET FOR THE CONTRACT : ₱32,173,076.92

| AGENCY SPECIFICATIONS | BIDDER'S STATEMENT OF COMPLIANCE | REFERENCE DOCUMENT/ BROCHURE |
|---|----------------------------------|------------------------------|
| <p>Procurement of One (1) - year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the Bureau of the Treasury – Central Office and Panay Office which consist and comply with the following minimum requirements unless specified:</p> | | |
| <p>1. SCOPE OF WORK Perform Preventive Maintenance Service on the following systems inside the Data Center</p> | | |
| <p>1.1. Electrical System (ITEM 1) Electrical system maintenance works shall cover the Data Center and IDF locations at Basement, Ground Floor, Second Floor, and Third Floor. Maintenance services for the electrical system shall include the following as needed:</p> | | |
| <p style="text-align: center;">Electrical System (ITEM 2) Electrical system maintenance works shall cover the Data Center (Cold Aisle area, NOC, and Auxiliary), EE room, TelCo room, Gen set and Condenser unit area, and IDF room.</p> | | |



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| Maintenance services for the electrical system shall include the following as needed: | | |
| 1.1.1. Checking of circuit breakers and switches. | | |
| 1.1.2. Perform load balancing as needed to prevent power overload and other power issues; Study the system load during the actual operation, Determine the unbalance phase load; Transfer/reconfigure load to balance the phase load, Monitor the balanced current load; Project the additional load per phase and re-balance load as the change arise. | | |
| 1.1.3. Provide and readjust electrical load requirement as necessary for the equipment installed in every rack cabinet within the existing overall load capacity of the UPS. Add and install additional PDU and electrical cabling as necessary. | | |
| 1.1.4. Calibration of protective relays. Perform megger testing. Identification of potential electrical problems. | | |
| 1.1.5. Survey and identify of high temperature incursions. | | |
| 1.1.6. Switchgear cleaning and inspection. | | |
| 1.1.7. Cleaning and tightening of all electrical connections and equipment enclosures. | | |
| <p>1.2. Uninterruptible Power Supply (ITEM 1) Maintenance services shall cover the three (3) operational units of 40KVA-capacity UPS installed at the Auxiliary Area of the Data Center, as well as the 3KVA-capacity rack mounted UPS units deployed to protect active equipment per IDF rack.</p> <p>Uninterruptible Power Supply (ITEM 2) Maintenance services shall cover the two (2) operational units of 80KVA-capacity UPS installed at the Auxiliary Area of the Data Center:</p> <p>In the event of Maintenance procedure, the Data Center shall not experience any power interruption that will cause unexpected shut off of any equipment of the Data Center. Maintenance services for the UPS shall include the following as needed (ITEM 1 and 2):</p> | | |
| 1.2.1. Monthly periodic maintenance services for the UPS unit and battery system to be performed on a mutually agreed schedule. | | |
| 1.2.2. All the necessary spare parts or | | |

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| | consumable items to maintain the UPS will be allotted from stock Inventory or immediate replacement of defective components. | | |
| 1.2.3. | Conduct on-site inspection of the equipment and check the integrity of any electrified hinges or similar power-transfer devices. | | |
| 1.2.4. | Replace batteries and fine-tune each opening. | | |
| 1.2.5. | Check current UPS installation condition. Installation should be in accordance with the manufacturer's guideline and wiring regulations. | | |
| 1.2.6. | Provide necessary recommendation to expand the life of the equipment. User and operations training refresher for client's technical personnel. | | |
| 1.2.7. | Perform appropriate preventive measures to keep the UPS in good and running condition as follows: | | |
| 1.2.7.1. | Ensure adequate clearance around the UPS for ventilation and maintenance access. Check the surrounding of the UPS. | | |
| 1.2.7.2. | Do not allow smoke or naked lights in the vicinity of the UPS or its battery. Keep the room in which the UPS is situated dry, clean and dust free. | | |
| 1.2.7.3. | Do not store or use corrosive materials in the vicinity of the UPS. Do not allow building or electrical work to be carried out near the UPS unless the machine has first been de-energized and covered. Thoroughly clean the room before re-energizing the machine. | | |
| 1.2.7.4. | To ensure optimum performance and life out of the UPS the ambient temperature in the battery cabinet / compartment should be maintained between 20 to 25 degrees centigrade. | | |
| 1.2.7.5. | Ensure the ventilation air conditioning is sufficient to cope with the heat dissipated and is capable of maintaining the Data Center | | |

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| | within recommended ambient temperature and humidity recommendations. | | |
| 1.2.8. | Record UPS display parameters. Measure actual UPS parameters. Measure and record input and output filter current. 1.2.8.1. | | |
| 1.2.9. | Check for present alarm/s and note findings. Download alarm history and event alarms. Check and record environmental condition. | | |
| 1.2.10. | Perform ocular inspection and check capacitors for signs of leakage; coils, wire/cables, PCB components for signs of burns; blowers for correct operation. | | |
| 1.2.11. | Perform thermal scanning of all UPS electrical connections and power components using infrared scanner and note findings. | | |
| 1.2.12. | If a discrepancy from original calibration was identified, transfer the UPS to bypass mode if permitted by the Authorized person of Systems Administration Division and perform control supply only calibration procedure, otherwise, gathering of parameters are to be done thru its display and accessible parts are to be checked. | | |
| 1.2.13. | If the unit needed corrective measures, through cleaning of internal components, and other activities that could endanger the safety of the personnel, perform orderly shutdown of the unit and do as necessary. | | |
| 1.2.14. | Clean battery tops and terminals for corrosion if present. Perform battery test procedure and record parameters. Clean UPS and battery cabinet panels. | | |
| 1.2.15. | Normalize UPS and double-check all display parameters. Reset alarm history and event alarms buffer. | | |
| 1.2.16. | Shutdown the UPS following the recommended operating procedures: | | |
| | 1.2.16.1. Isolate the UPS input Mains supply externally and isolate the battery. Ensure that the UPS is totally powered down. UPS power components and sub-assemblies. | | |
| | 1.2.16.2. Open the internal hinged safety panel to gain access to the interior of | | |

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| | <p>the UPS. Check electrolytic capacitors for signs of leakage, bucking, so forth; check magnetic components for signs of overheating, security of fixture and de-lamination; check cables and connections for chaffing, fraying, and signs of overheating; check printed circuit boards for cleanliness and integrity; replace bonds that show signs of deterioration; verify that all board connections are tight and secure; thoroughly clean inside the equipment enclosure using a vacuum cleaner and low-pressure air to remove foreign debris; reconnect the UPS input mains power; start the UPS and transfer the load to the inverter.</p> | | |
| <p>1.2.16.3.</p> | <p>Complete a battery check as needed. Ensure that the available battery autonomy time meets the installation specifications.</p> | | |
| <p>1.3. Precision Air-conditioning System (PACS) (ITEM 1)</p> <p>The Data Center is primarily cooled with three (3) Units Indoor 10TR Montair PACU and six (6) Outdoor condensing units which is alternately operated. All these PACUs that help control the environment of the area require regular monitoring and maintenance to keep its efficient operation. The IDF is cooled with one (1) unit indoor 5TR Airedale PACU and one (1) outdoor condensing unit.</p> <p>Maintenance services for the PACS shall include the following as needed:</p> | | | |
| | <p>PACS (ITEM 2)</p> <p>The Data Center is primarily cooled with four (4) Units Indoor 10TR PACU and eight (8) Outdoor condensing units which is alternately operated. All these PACUs that help control the environment of the area require regular monitoring and maintenance to keep its efficient operation.</p> <p>Maintenance services for the PACS shall include the</p> | | |



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| following as needed (ITEM 1 and 2): | | |
| 1.3.1. Visual inspection of all internal sub-assemblies and major components. | | |
| 1.3.2. Recording of indicator readings on temperature and humidity. | | |
| 1.3.3. Cleaning of any foreign material and dust from internal components. | | |
| 1.3.4. Check thermostat settings to ensure the cooling system of the area is kept comfortable. Check status alarm circuits. | | |
| 1.3.5. Clean and pressure wash condenser coils. Dirty coils reduce the system's ability to cool and cause the system to run longer, increasing energy costs and reducing the life of the equipment. | | |
| 1.3.6. Tighten all electrical connections and measure voltage and current on motors. Check for possible defective or worn out electrical components, replace if necessary. Faulty electrical connections can cause unsafe operation of the system and reduce the life of major components. Check for possible defective or worn out electrical components, replace if necessary. | | |
| 1.3.7. Lubricate all moving parts. Parts that lack lubrication cause friction in motors and increase the amount of electricity used. | | |
| 1.3.8. Check and inspect the condensate drain in the central air conditioner, furnace and/or heat pump. Check controls of the system to ensure proper and safe operation. Check the starting cycle of the equipment to assure the system starts, operates, and shuts off properly. | | |
| 1.3.9. Inspect evaporator (indoor blower) and condenser (outdoor unit) air conditioning coils. | | |
| 1.3.10. Check central air conditioners refrigerant level and adjust if necessary. Too much or too little refrigerant will make the system less efficient increasing energy costs and reducing the life of the equipment. | | |
| 1.3.11. Clean and adjust blower components to provide proper system airflow for greater comfort levels. Airflow problems can reduce the system's efficiency. | | |
| 1.3.12. Inspect and adjust fan belts tension, replace if necessary. Inspect, clean, and | | |

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| | change air filters as necessary. A dirty filter can increase energy costs and damage the equipment, leading to early failure. | | |
| | 1.3.13. All the necessary spare parts or consumable items such as filters, charging of Freon, and the likes to maintain the PACU will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor. | | |
| 1.4. | Variable Refrigerant Flow (VRF): Maintenance of One (1) Outdoor condensing units with Six (6) indoor AC units (ITEM 1) VRF: Maintenance of One (1) Outdoor condensing units with five (5) indoor AC units (ITEM 2) Maintenance services for the VRF shall include the following as needed (ITEM 1 and 2) : | | |
| | 1.4.1. Check thermostat settings to ensure that cooling system of the area is kept comfortable. | | |
| | 1.4.2. Tighten all electrical connection and measure voltage and current on motors. | | |
| | 1.4.3. Check and inspect the condensate drain in the air conditioner. A clogged drain can cause water damage and affect indoor humidity levels. | | |
| | 1.4.4. Check controls of the system to ensure proper and safe operation. Check the starting cycle of the equipment to assure the system starts, operates and shuts off properly. | | |
| | 1.4.5. Inspect evaporator (indoor blower) and condenser (outdoor unit) air conditioning coils. | | |
| | 1.4.6. Check central air conditioners refrigerant level and adjust if necessary. | | |
| | 1.4.7. Clean and adjust blower components to provide proper system airflow for greater comfort levels. | | |
| | 1.4.8. Inspect, clean, or change air filters in air conditioning units as applicable. | | |
| | 1.4.9. Perform monthly cleaning of indoor and outdoor units using pressurized washer motor. | | |
| | 1.4.10. Checking of drain pipe to prevent clogged drain of units. | | |
| | 1.4.11. Necessary spare parts or consumable items to maintain the VRF ACU | | |

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| <p>operation shall be allotted from inventory for immediate replacement of components as needed at the expense of the contractor.</p> | | |
| <p>1.5. Fire Suppression System (ITEM 1 and 2): To prevent the vast amount of investment of BTr from fire hazards and the occurrence of fire, an automatic and intelligent fire suppression system was installed.</p> <p>In this regard, inspection and check-up of FM-200 field devices such as smoke detectors, manual pull station, abort station, alarm bell, horn and other mechanical parts and components are the vital activities to assure functionality and efficiency of the fire suppression system.</p> <p>Maintenance services for the fire suppression system shall include the following as needed:</p> | | |
| <p>1.5.1. Inspection of Devices 1.5.1.1. Hazard Enclosure</p> <p>Check original installation for any changes and equipment have not been replaced, modified, or relocated; verify if the hazard volume is still the same and no walls or partition has been added; verify protected rooms are effectively sealed any significant air leaks that could result to agent leakage and a failure of the enclosure to hold the specified agent concentration level for the specified holding period.</p> | | |
| <p>1.5.1.2. Agent Cylinder</p> <p>Verify containers and brackets are securely fastened; check mounting position of horizontally mounted containers; verify the status of agent in each cylinder; check all containers pressure gauges; check solenoid valve/gas</p> | | |

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| | cartridge actuator leads and wiring to agent release modules for corrosion and loosen or broken wires. | | |
| 1.5.1.3. | <p>Piping and Nozzles</p> <p>Verify discharge nozzles and pipe size; verify piping joints & discharge nozzles securely fastened; verify piping distribution system internally to detect the possibility of any oil or particulate matter soiling the hazard area or affecting the agent distribution due to a reduction in the effective nozzle orifice area; verify the nozzle reflectors are positioned to obtain maximum benefits; verify if discharge nozzle, pipe and fittings.</p> | | |
| 1.5.1.4. | <p>Pipe Supports and Braces</p> <p>Inspect pipe supports hangers and braces for loose, corrosion, and physical damage.</p> | | |
| 1.5.1.5. | <p>Fire Detection, Alarm, Releasing Devices and Peripherals</p> <p>Verify all wiring systems are properly installed in compliance with local codes and the system drawings; Verify the control panels; check if all end-of-line resistors are intact for backflow loop; verify alternating current (ac) and direct current (dc) wiring; verify all field circuits; check the control panel power supplied to the control unit from a separate dedicated source that will not be shut down on system operation; verify availability of adequate and reliable primary and 24-hour minimum standby</p> | | |

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| | sources of energy are used to provide for operation of the detection, signaling, control, and actuation requirements of the system; verify all auxiliary functions for proper operation in accordance with system requirements; verify detection devices in proper type and location; verify condition of detectors; verify manual pull stations are properly installed, readily accessible, accurately identified, and properly protected to prevent damage; verify all manual stations used to release agents require two separate and distinct actions for operation and properly identified; verify the main/reserve switches are properly installed, readily accessible, and clearly identified. | | |
| 1.5.2. Testing | | | |
| 1.5.2.1. | Disable each agent storage container release mechanism so that activation of the release circuit will not release agent. | | |
| 1.5.2.2. | Verify the control panel is connected to a dedicated circuit and labelled properly. Verify control panel is readily accessible, yet restricted from unauthorized personnel. | | |
| 1.5.2.3. | Using smoke tester, check each detector for proper response. Verify all alarm functions occur according to design specification. | | |
| 1.5.2.4. | Operate the necessary circuit to initiate a second alarm circuit if present. Check each detector for proper response. Verify that all second alarm functions occur according to design specifications. | | |
| 1.5.2.5. | Operate manual release. Verify manual release functions occur according to | | |

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| | design specifications. | | |
| 1.5.2.6. | Operate abort switch circuit if supplied. | | |
| 1.5.2.7. | Verify abort functions according to design specifications. | | |
| 1.5.2.8. | Test all supervised circuits for proper trouble response. | | |
| 1.5.2.9. | Operate one of each type of input device while on standby power. Verify that an alarm signal is received at remote panel after device is operated. Reconnect primary power supply. | | |
| 1.5.2.10. | Operate each type of alarm condition on each signal circuit and verify receipt of trouble condition at the remote station. | | |
| 1.5.2.11. | The system shall be returned to its fully operational design condition. | | |
| 1.5.3. | Replacement of defective FM-200 components. | | |
| 1.5.4. | One-time refill of FM-200 agent if used during the maintenance period or due to accidental discharge. | | |
| 1.5.5. | Provision of hand-held, stand-alone fire suppression cylinder as service unit during the refill process and until the actual FM-200 cylinder has been re-installed. | | |
| 1.5.6. | Re-testing of the entire fire suppression system upon installation of any replaced device or component. | | |
| 1.6. | Very Early Smoke Detection Aspirating (VESDA) System (ITEM 1 and 2): In any organization such as BTr, continuity of operations is imperative, while environmental monitoring is challenging, and time is required to ensure safe and orderly evacuation during unexpectedly circumstance. The VESDA system' very early warning and aspirating smoke detection solution with continuous air sampling provides the earliest possible warning of an impending fire hazard. | | |
| | VESDA buys the critical time needed to investigate an alarm and initiate an appropriate response to prevent injury, property damage or business | | |

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| <p>disruption.</p> <p>VESDA detectors have multi-level warnings and a wide range of sensitivity that does not degrade or change over time, so even minute levels of smoke can be detected before a fire has time to escalate. To assure its systems operations, the following preventive maintenance works shall be performed as needed:</p> | | |
| 1.6.1. Inspection and measure values for the primary and back-up power supply as made available for the VESDA system. | | |
| 1.6.2. Checking of electrical wiring, dedicated branch circuits, terminations, disconnect switch, and polarity to be maintained as relevant to the VESDA device. | | |
| 1.6.3. Inspection of perimeter and surroundings where the controller and components are installed including ease of accessibility. | | |
| 1.6.4. Checking for any presence or sources of vibration, moisture, and electromagnetic interference, which may interfere with the successful operation of the system. | | |
| 1.6.5. Per length or segment checking of mechanical pipes for breaks, including pipe joints, end caps. | | |
| <p>1.6.5.1. Verification of sampling system piping or tube condition including labels.</p> <p>1.6.6. Verification condition of sampling points location relative to airflow and presence of air supply diffusers.</p> | | |
| 1.6.7. Systems check of controller at normal state, alarm, or trouble indications. | | |
| 1.6.8. Verification of auxiliary functions such as alarm sounding or display of devices, remote test, annunciators, air handling, and power shutdown in accordance with system requirement. | | |
| 1.6.9. System test methodology including simulation of sample smoke, to determine: | | |
| 1.6.9.1. Transport Time | | |

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| 1.6.9.2. Initial Response | | |
| 1.6.9.3. Alert Response | | |
| 1.6.9.4. Action/Pre-Alarm | | |
| 1.6.9.5. Fire 1/Fire Response | | |
| 1.6.9.6. Fire 2 Response | | |
| 1.6.9.7. Peak Smoke Response | | |
| 1.6.10. Restoration of system to normal operation. | | |
| 1.6.11. Compilation of test results and related documentation. | | |
| 1.6.12. All the necessary spare parts or consumable items to maintain the VESDA system will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor. | | |
| 1.7. Security Access Control System (ITEM 1 and 2) Maintenance services for the access control system shall include the following as needed: | | |
| 1.7.1. Visual inspection of all internal sub-assemblies and major components. | | |
| 1.7.2. Hardware troubleshooting and problem isolation. | | |
| 1.7.3. Replacement of defective parts. | | |
| 1.7.4. A set of equivalent access control unit shall be provided on site as back-up unit. | | |
| 1.7.5. Regular monitoring and generation of report as needed from the access control management software. | | |
| 1.7.6. Maintenance and version updates of security management software. | | |
| 1.7.7. Checking of primary and backup power supply. | | |
| 1.7.8. Cleaning and maintenance inspection of the access control unit including its peripherals such as the electromagnetic lock mechanism, as necessary. | | |



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| <p>1.8. Security Video Surveillance System (ITEM 1 and 2): Maintenance of the Security Video Surveillance system to ensure the effectiveness of security camera system shall include the following as needed:</p> | | |
| <p>1.8.1. Check cameras in accordance with the specification and any amendment. Check indicator lamps condition. Check the picture quality of each camera and correct monitor selection.</p> | | |
| <p>1.8.2. Clean camera housings and lenses.</p> | | |
| <p>1.8.3. Check all cables and conduit are properly supported, undamaged and showing no signs of wear.</p> | | |
| <p>1.8.4. Check camera functions and movement and fields of view are free from obstruction.</p> | | |
| <p>1.8.5. Check overall performance of the system.</p> | | |
| <p>1.8.6. Check all power connections to ensure AC plugs are not loose or cable power frayed.</p> | | |
| <p>1.8.7. Check all control equipment running condition.</p> | | |
| <p>1.8.8. Clean monitor screen, control panel and keyboard with diluted cleaning solution.</p> | | |
| <p>1.8.9. Check monitor for proper brightness and contrast.</p> | | |
| <p>1.8.10. Check Hard Disk Drive (HDD) Health and Network Video Recorder (NVR) Recording. Monitor its compression capability and storage capacity level.</p> | | |
| <p>1.8.11. Conduct regular backup of all camera connected to NVR.</p> | | |
| <p>1.9. Water Leak Detection System (ITEM 1 and 2):</p> | | |

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| Water leak detection system installed under the raised flooring that contains sensing cables which were laid out in the Data Center perimeter connected to the control panel with alarm system will be maintained and shall include the following as needed: | | |
| 1.9.1. Routine checking and cleaning of all water leak detection components. | | |
| 1.9.2. Inspection of all sensing cable laid out in the Data Center perimeter. | | |
| 1.9.3. Testing of the control panel and alarm system. | | |
| 1.9.4. All the necessary spare parts or consumable items to maintain the Water Leak Detection System will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor. | | |
| 1.10. Access Raised Flooring System (ITEM 1 and 2): Periodic monthly maintenance service for the acoustic ceiling shall include the following as needed: | | |
| 1.10.1. Panel rotation for even wear and Under structure adjustments. | | |
| 1.10.2. Replacement broken edge trim and warped panels. | | |
| 1.10.3. Refurbish delaminated panels and filter vacuuming. | | |
| 1.10.4. Sealant applied to sub flooring and Spot cleaning to remove stains. | | |
| 1.10.5. Professional surface cleaning and detail cleaning of entry points. | | |
| 1.11. Acoustic Ceiling System (ITEM 1 and 2): Periodic monthly maintenance service for the acoustic ceiling shall include the following as needed: | | |
| 1.11.1. Spot cleaning to remove stains. | | |
| 1.11.2. Re-painting or re-capping of grid system. | | |
| 1.11.3. Re-surfacing acoustic panels to restore original appearance. | | |

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| 1.11.4. Re-alignment of t-runners and support. | | |
| 1.11.5. Replacement warped or broken acoustic panels at the expense of the Contractor. | | |
| 1.12. Tempered Glass Partition (ITEM 1 and 2): Periodic monthly maintenance service for the Tempered Glass Partition System shall include the following as needed: | | |
| 1.12.1. Spot cleaning to remove stains. | | |
| 1.12.2. Cleaning of the entire glass panels by squeegee strokes. | | |
| 1.12.3. Removing excess dirt at the bottom of the glass panels using sponge or dry cloth. | | |
| 1.12.4. Cleaning of the bottom frame. | | |
| 1.12.5. Buffing of glass using soft dry cloth. | | |
| 1.12.6. Replacement of broken glass panels at the expense of the Contractor. | | |
| 1.13. Cold Aisle Containment (ITEM 2): | | |
| 1.13.1. Maintenance of the entire Cold aisle containment structure which includes the following components | | |
| 1.13.1.1. Tempered Glass | | |
| 1.13.1.2. Door Mechanism | | |
| 1.13.1.3. Lighting | | |
| 1.14. Structured Cabling System (ITEM 1 and 2): The following shall include all the labor, tools of trade, and expertise necessary in the performance of the services as needed: | | |
| 1.14.1. Regular monthly routine check of structured cabling installation per cabinet. | | |
| 1.14.2. Checking and re-testing of equipment patch cables. | | |
| 1.14.3. Perform troubleshooting and provide problem resolution. | | |
| 1.14.4. Regular check, test and perform | | |

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| maintenance services to keep the system in good operating condition. | | |
| 1.14.5. Perform necessary re-termination of cables at Information Outlet and patch panels. | | |
| 1.14.6. Termination of patch cords and pigtailed. | | |
| 1.14.7. Termination of cables on wiring blocks and patch panels. | | |
| 1.14.8. End to end cable testing, labelling and tagging. | | |
| 1.14.9. Update network layout and as built documentation using own electronic utilities. | | |
| 1.14.10. Maintenance of all server and network racks including IDF racks distributed per floor location. | | |
| 1.14.11. Assist in the survey, planning and design, implementation, and documentation of new cabling requirements. | | |
| 1.14.12. All the necessary spare parts or consumable items to maintain the physical cabling system will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor. | | |
| 1.15. Network Switches (ITEM 1 and 2): Maintenance and support works for the active Network Switches setup as deployed in strategic locations per IDF rack on each floor of the BTr building shall include the following as needed: | | |
| 1.15.1. Inspection of Network Rack or IDF Rack to make sure that airflow is unobstructed around the device and into the air intake vents. | | |
| 1.15.2. Surface cleaning of unit with solution to remove dirt on the chassis. | | |
| 1.15.3. Apply pressurized air on the LAN ports and chassis to remove dust and dirt that can cause malfunction of the equipment. | | |
| 1.15.4. Cleaning of equipment ventilation for accumulated dirt and dust. | | |
| 1.15.5. Check the status of the device. | | |
| 1.15.6. Check gigabit transceiver if all are working properly and accepted power | | |

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| to transmit light. | | |
| 1.15.7. Monitoring and verification of software upgrades. Application of upgrades and updates on equipment with the latest software and firmware provided by the manufacturer as necessary. | | |
| 1.15.8. Provision for standby hardware replacement of the defective unit. | | |
| 1.15.9. All the necessary spare parts or consumable items to maintain the Network Switches will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor. | | |
| 1.16. Data Center Infrastructure Management (ITEM 1): Supply of Data Center Infrastructure Management software with service agreement one (1) year with the following features and specification: | | |
| 1.16.1. Data Center Management | | |
| 1.16.2. Application Dependency Mapping/Impact Chart | | |
| 1.16.3. Password Management | | |
| 1.16.4. IP Address management (IPAM) | | |
| 1.16.5. ITAM (IT Inventory and Asset Management) | | |
| 1.16.6. Agentless Discovery (Auto Discovery) | | |
| 1.17. Two (2) sets of silent type 165 KVA Generator Set – Cummins (ITEM 2): | | |
| 1.17.1. Lubricating System | | |
| 1.17.1.1. Check for leaks. | | |
| 1.17.1.2. Check engine oil level. | | |
| 1.17.1.3. Check hydraulic governor oil level. | | |
| 1.17.1.4. Change full flow filter; bypass filter | | |
| 1.17.1.5. Change engine oil of two (2) generator sets twice a year or every six (6) months. | | |
| 1.17.2. Cooling System | | |
| 1.17.2.1. Check for leaks. | | |

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| 1.17.2.2. | Check for radiator air restriction. | | |
| 1.17.2.3. | Check the hose & connections. | | |
| 1.17.2.4. | Check coolant level | | |
| 1.17.2.5. | Check belt condition & tension. | | |
| 1.17.2.6. | Check fan hub, drive pulley, & water pump. | | |
| 1.17.2.7. | Change DCA water filter. | | |
| 1.17.2.8. | Clean cooling system. | | |
| 1.17.3. Air Intake System | | | |
| 1.17.3.1. | Check for leaks. | | |
| 1.17.3.2. | Check air cleaner restriction. | | |
| 1.17.3.3. | Check piping & connections. | | |
| 1.17.3.4. | Clean crankcase breather or change air cleaner element. | | |
| 1.17.4. Fuel System | | | |
| 1.17.4.1. | Check for leaks. | | |
| 1.17.4.2. | Check governor linkage. | | |
| 1.17.4.3. | Check fuel lines & connections. | | |
| 1.17.4.4. | Change fuel filters. | | |
| 1.17.4.5. | Clean or change float tank breather. | | |
| 1.17.5. Exhaust System | | | |
| 1.17.5.1. | Check for leaks. | | |
| 1.17.5.2. | Check for exhaust restriction. | | |
| 1.17.5.3. | Drain condensate trap. | | |
| 1.17.6. Engine Related | | | |
| 1.17.6.1. | Check for unusual vibration | | |
| 1.17.6.2. | Tighten mounting hardware | | |
| 1.17.6.3. | Clean the engine | | |
| 1.17.7. Battery | | | |



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| 1.17.7.1. | Check battery water level and refill distilled water if necessary. | | |
| 1.17.7.2. | Check Battery DC output voltage and charging rate. | | |
| 1.17.7.3. | Replace four (4) pieces 3SM battery 12 Volts if needed. | | |
| 1.17.8. Automatic Transfer Switch (ATS) | | | |
| 1.17.8.1. | Check ATS indicator lamps and breaker. | | |
| 1.17.8.2. | Checking of Temperature on busbar and terminal connection using Thermal Scanner. | | |
| 1.17.9. The CONTRACTOR'S Engineer must assist the BTr during refueling. | | | |
| 1.18. Vulnerability Assessment (ITEM 1 and 2): | | | |
| 1.18.1. External Testing: Network mapping and Vulnerability Scanning | | | |
| 1.18.2. Internal Vulnerability Assessment Automated vulnerability scanning, manual security review and recommendation | | | |
| 2. SCOPE OF SERVICES (ITEM 1 and 2) Effective support of in-scope services is a result of maintaining consistent service levels. The following sections provide relevant details on service scope and service availability. | | | |
| 2.1. Service Scope | | | |
| 2.1.1. Network Technical Support Personnel with the following functions: | | | |
| 2.1.1.1. | Oversee the day-to-day operation of computer networks. | | |
| 2.1.1.2. | Maintain efficient computer environment by identifying network failure, recommend upgrades and updates as necessary | | |

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| 2.1.1.3. | Maintaining Local Area Network connectivity. | | |
| 2.1.1.4. | Monitoring Top bandwidth user | | |
| 2.1.1.5. | Provide assistance to BTR Management in reviewing network policies. | | |
| 2.1.1.6. | Provide assistance to BTR Management in configuration of network switches and network related devices/equipment. | | |
| 2.1.1.7. | Assist in BTR Management in maintaining user account, profiles, file sharing, access privileges and security in Active directory | | |
| 2.1.1.8. | Assist BTR Management in implementation of network policies and operational procedure. | | |
| 2.2. | <p>Provide at least six (6) on-site technical support personnel for a period of Twelve (12) months and perform other task required for continuous Data Center Operation 24 x 7 for continuous Data Center operation with the following qualifications (ITEM 1):</p> <p>Provide at least five (5) on-site technical support personnel for a period of Twelve (12) months and perform other task required for continuous Data Center Operation 24 x 7 for continuous Data Center operation with the following qualifications (ITEM 2):</p> | | |
| 2.2.1. | At least one (1) personnel must be trained and certified in the existing major Data Center components, submit certification as proof (ITEM 1 | | |



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| | and 2): | | |
| | 2.2.1.1. Air Conditioning Units (PACU) | | |
| | 2.2.1.2. VRF (ACU) | | |
| | 2.2.1.3. Uninterruptible Power Supply | | |
| | 2.2.1.4. Fire Suppression | | |
| | 2.2.2. At least one (1) personnel with electrical and/ or structured cabling system experience (ITEM 1 and 2) . | | |
| 2.3. | Provide 24 x 7 Phone and Email Support and Onsite Technical Support (ITEM 1 and 2) . | | |
| 2.4. | Person-to-person (P2P) response time of on-site personnel to user requests shall be made within two (2) hours from receipt of call (ITEM 1 and 2) . | | |
| 2.5. | Inspection Frequency, reports, documentation and training (ITEM 1 and 2) : | | |
| | 2.5.1. Conduct weekly system monitoring: | | |
| | 2.5.1.1. Data Center Equipment | | |
| | 2.5.1.1.1. Precision Air-conditioning System (PACS) | | |
| | 2.5.1.1.2. Access Raised Flooring System | | |
| | 2.5.1.1.3. Acoustic Ceiling System | | |
| | 2.5.1.1.4. Tempered Glass Partition | | |
| | 2.5.1.1.5. Cold Aisle Containment (ITEM 2) | | |
| | 2.5.1.1.6. Structured Cabling System | | |
| | 2.5.1.1.7. Network Switches | | |
| | 2.5.1.2. Auxiliary Equipment | | |
| | 2.5.1.2.1. Electrical System | | |
| | 2.5.1.2.2. Uninterruptible Power Supply | | |
| | 2.5.1.2.3. Variable Refrigerant Flow (VRF) | | |



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| 2.5.1.2.4. | Fire Suppression System | | |
| 2.5.1.2.5. | Very Early Smoke Detection Aspirating (VESDA) System (ITEM 1) | | |
| 2.5.1.2.6. | Security Access Control System | | |
| 2.5.1.2.7. | Security Video Surveillance System | | |
| 2.5.1.2.8. | Water Leak Detection System | | |
| 2.5.1.2.9. | Generator Set (ITEM 2) | | |
| 2.5.2. | Conduct monthly system testing: | | |
| 2.5.2.1. | Data Center Equipment | | |
| 2.5.2.1.1. | Precision Air-conditioning System (PACS) | | |
| 2.5.2.1.2. | Access Raised Flooring System | | |
| 2.5.2.1.3. | Acoustic Ceiling System | | |
| 2.5.2.1.4. | Tempered Glass Partition | | |
| 2.5.2.1.5. | Cold Aisle Containment (ITEM 2) | | |
| 2.5.2.1.6. | Structured Cabling System | | |
| 2.5.2.1.7. | Network Switches | | |
| 2.5.2.2. | Auxiliary Equipment | | |
| 2.5.2.2.1. | Electrical System | | |
| 2.5.2.2.2. | Uninterruptible Power Supply | | |
| 2.5.2.2.3. | Variable Refrigerant Flow (VRF) | | |
| 2.5.2.2.4. | Fire Suppression System | | |
| 2.5.2.2.5. | Very Early Smoke Detection Aspirating (VESDA) System (ITEM 1) | | |
| 2.5.2.2.6. | Security Access Control System | | |

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| 2.5.2.2.7. | Security Video Surveillance System | | |
| 2.5.2.2.8. | Water Leak Detection System | | |
| 2.5.2.2.9. | Generator Set (ITEM 2) | | |
| 2.5.3. | Submit monthly activity report with photo attachment (ITEM 1 and 2) . | | |
| 2.5.4. | Submit incident report (if any) with attached photo before and after the action taken (ITEM 1 and 2) . | | |
| 2.5.5. | Submit monthly site inspection report and attach photo of inspection (ITEM 1 and 2) . | | |
| 2.5.6. | Must conduct actual maintenance training to five (5) BTr personnel during the first quarter of the maintenance schedule and must submit actual maintenance procedure documentation (ITEM 1) . | | |
| 2.6. | Designate a head office-based personnel who will be responsible in managing and providing administrative support for the services as follows (ITEM 1 and 2) : | | |
| 2.6.1. | One (1) Project Manager or Equivalent: | | |
| 2.6.1.1. | Must be a regular employee for at least five years. | | |
| 2.6.1.2. | Must have project management training | | |
| 2.6.1.3. | Must be trained in premises cabling system design, and installation by an Original Equipment Manufacturer (OEM). | | |
| 2.6.1.4. | Must be trained in Total Building Integration Cabling and Project Management | | |
| 2.6.1.5. | Must be trained in Wireless LAN | | |
| 2.6.1.6. | Trained in Fire Systems Design, Configuration, Installation | | |
| 2.6.1.7. | Trained in Precision Air-Conditioning System | | |
| 2.6.1.8. | Trained in Uninterruptible Power Supply | | |
| 2.6.1.9. | Must submit certification | | |

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| | for all trainings attained for validation | | |
| 2.6.1.10. | Must submit all the Certificate referring to: 2.6.1.2, 2.6.1.3, 2.6.1.4, 2.6.1.5, 4.6.1.6, 2.6.1.7 and 2.6.1.8 for validation. | | |
| 2.6.1.11. | Must also submit Curriculum Vitae (CV) | | |
| 2.6.2. | Back Office support – provide administrative support service including processing relevant documents pertinent to the administration of the services herein required. | | |
| 2.6.3. | The said personnel must be accompanied by a Management Information System Service (MISS) personnel for validation of the proposed works (ITEM 1 & 2) | | |
| 2.6.4. | One (1) safety Officer (ITEM 1 and 2) : | | |
| 2.6.4.1. | Must be a licensed engineer | | |
| 2.6.4.2. | Must have a professional certificate in facilities management. | | |
| 2.6.4.3. | Must have completed the prescribed course in Occupational Safety and Health by DOLE. | | |
| 2.6.4.4. | Must have completed the prescribed course in Basic Occupational Safety and Health (BOSH) by DOLE. | | |
| 2.7. | Phone and email support: 24 x 7 Monday – Sunday including regular holidays, special holidays and government announced holidays (ITEM 1 and 2) . | | |
| 2.8. | On-call personnel: 24 x 7 Monday – Sunday including regular holidays, special holidays and government announced holidays. On call support is provided in situations that require the presence of Technical Personnel at BTr site as urgently needed to perform critical activities. Response time is within 4 hours from receipt of call (ITEM 1 and 2) . | | |
| 2.9. | The CONTRACTOR must coordinate with Facilities Maintenance Division (FMD) of the BTr for scope of electrical concerns (ITEM 1 | | |

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| and 2). | | |
| 2.10. Mode of Payment: Quarterly Payment; The following requirements are needed as deliverables prior to the payment (ITEM 1 and 2): | | |
| 2.10.1. First Quarter | | |
| 2.10.1.1. Quarterly report. | | |
| 2.10.1.2. Training Completion Certificate which refer to Part I. Section 2.5.6 of this Terms of Reference (ITEM 1) | | |
| 2.10.2. Second Quarter | | |
| 2.10.2.1. Quarterly report. | | |
| 2.10.3. Third Quarter | | |
| 2.10.3.1. Quarterly report. | | |
| 2.10.4. Fourth Quarter | | |
| 2.10.4.1. Quarterly report. | | |

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

Name of Company

Signature Over Printed Name of
Authorized Representative

Date

**TERMS OF
REFERENCE
(ITEM 1)**

TERMS OF REFERENCE

1. PROJECT TITLE

Procurement of One (1) - year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the Bureau of the Treasury – Central Office.

2. BACKGROUND

The Bureau of the Treasury (BTr) has invested valuable time, money, and resources to build and operate a state-of-the-art IT Infrastructure and Data Center Facility that supports its executive mandate.

The most important and priceless item inside the Data Center is the wealth of information and data that it processes and archives. This facility in itself is an ecosystem - an environment for blade servers, switches, routers, data-voice-video equipment and many other hardware and software needed to process information. Just like any ecosystem - sustainable and efficient - it has to be maintained, cleaned, monitored and made operational daily.

In order to keep the essential components in good operating condition, BTr requires technical support to manage and maintain. The need is for the reason of availability of skilled manpower in each Data Center component, accessibility of original spare parts, and over-all presence of expert facility maintenance management. Acquiring a comprehensive facility maintenance service will enable BTr to focus to its vision, mission, and core competency.

3. OBJECTIVES

- 3.1. To maximize the use of investment on facilities and equipment to its optimum performance
- 3.2. To reduce business interruption, minimize electrical utility cost, reduce repair costs and to extend equipment life;
- 3.3. To minimize power quality risks and minimize life/ property/ safety risks costs;
- 3.4. To increase the effectiveness of systems for the data center;
- 3.5. To increase the productivity of end-users.

4. CONTRACT DURATION:

The winning CONTRACTOR shall provide a minimum of one (1) year Maintenance Service to the Bureau of the Treasury.



| PART I. SCOPE OF WORKS AND METHODOLOGY | |
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| | BIDDER'S STATEMENT |
| <p>1. Perform Preventive Maintenance Service on the following systems inside the Data Center</p> <p>1.1. Electrical System Electrical system maintenance works shall cover the Data Center and IDF locations at Basement, Ground Floor, Second Floor, and Third Floor.</p> <p>Maintenance services for the electrical system shall include the following as needed:</p> <ul style="list-style-type: none"> 1.1.1. Checking of circuit breakers and switches. 1.1.2. Perform load balancing as needed to prevent power overload and other power issues; Study the system load during the actual operation, Determine the unbalance phase load; Transfer/reconfigure load to balance the phase load, Monitor the balanced current load; Project the additional load per phase and re-balance load as the change arise. 1.1.3. Provide and readjust electrical load requirement as necessary for the equipment installed in every rack cabinet within the existing overall load capacity of the UPS. Add and install additional PDU and electrical cabling as necessary. 1.1.4. Calibration of protective relays. Perform megger testing. Identification of potential electrical problems. 1.1.5. Survey and identify of high temperature incursions. 1.1.6. Switchgear cleaning and inspection. 1.1.7. Cleaning and tightening of all electrical connections and equipment enclosures. <p>1.2. Uninterruptible Power Supply Maintenance services shall cover the three (3) operational units of 40KVA-capacity UPS installed at the Auxiliary Area of the Data Center, as well as the 3KVA-capacity rack mounted UPS units deployed to protect active equipment per IDF rack. In the event of Maintenance procedure, the Data Center shall not experience any power interruption that will cause unexpected shut off of any equipment of the Data Center. Maintenance services for the UPS shall include the following as needed:</p> <ul style="list-style-type: none"> 1.2.1. Monthly periodic maintenance services for the UPS unit and battery system to be performed on a mutually agreed schedule. 1.2.2. All the necessary spare parts or consumable items to maintain the UPS will be allotted from stock Inventory or immediate replacement of defective components. 1.2.3. Conduct on-site inspection of the equipment and check the integrity of any electrified hinges or similar power-transfer devices. 1.2.4. Replace batteries and fine-tune each opening. | |

- 1.2.5. Check current UPS installation condition. Installation should be in accordance with the manufacturer's guideline and wiring regulations.
- 1.2.6. Provide necessary recommendation to expand the life of the equipment. User and operations training refresher for client's technical personnel.
- 1.2.7. Perform appropriate preventive measures to keep the UPS in good and running condition as follows:
 - 1.2.7.1. Ensure adequate clearance around the UPS for ventilation and maintenance access. Check the surrounding of the UPS.
 - 1.2.7.2. Do not allow smoke or naked lights in the vicinity of the UPS or its battery. Keep the room in which the UPS is situated dry, clean and dust free.
 - 1.2.7.3. Do not store or use corrosive materials in the vicinity of the UPS. Do not allow building or electrical work to be carried out near the UPS unless the machine has first been de-energized and covered. Thoroughly clean the room before re-energizing the machine.
 - 1.2.7.4. To ensure optimum performance and life out of the UPS the ambient temperature in the battery cabinet / compartment should be maintained between 20 to 25 degrees centigrade.
 - 1.2.7.5. Ensure the ventilation air conditioning is sufficient to cope with the heat dissipated and is capable of maintaining the Data Center within recommended ambient temperature and humidity recommendations.
- 1.2.8. Record UPS display parameters. Measure actual UPS parameters. Measure and record input and output filter current.
- 1.2.9. Check for present alarm/s and note findings. Download alarm history and event alarms. Check and record environmental condition.
- 1.2.10. Perform ocular inspection and check capacitors for signs of leakage; coils, wire/cables, PCB components for signs of burns; blowers for correct operation.
- 1.2.11. Perform thermal scanning of all UPS electrical connections and power components using infrared scanner and note findings.
- 1.2.12. If a discrepancy from original calibration was identified, transfer the UPS to bypass mode if permitted by the Authorized person of Systems Administration Division and perform control supply only calibration procedure, otherwise, gathering of parameters are to be done thru its display and accessible parts are to be checked.
- 1.2.13. If the unit needed corrective measures, through cleaning of internal components, and other activities that could endanger the safety of the personnel, perform orderly shutdown of the unit and do as necessary.
- 1.2.14. Clean battery tops and terminals for corrosion if present. Perform battery test procedure and record parameters. Clean UPS and battery cabinet panels.

- 1.2.15. Normalize UPS and double-check all display parameters. Reset alarm history and event alarms buffer.
- 1.2.16. Shutdown the UPS following the recommended operating procedures:
 - 1.2.16.1. Isolate the UPS input Mains supply externally and isolate the battery. Ensure that the UPS is totally powered down. UPS power components and sub-assemblies.
 - 1.2.16.2. Open the internal hinged safety panel to gain access to the interior of the UPS. Check electrolytic capacitors for signs of leakage, bucking, so forth; check magnetic components for signs of overheating, security of fixture and de-lamination; check cables and connections for chaffing, fraying, and signs of overheating; check printed circuit boards for cleanliness and integrity; replace bonds that show signs of deterioration; verify that all board connections are tight and secure; thoroughly clean inside the equipment enclosure using a vacuum cleaner and low-pressure air to remove foreign debris; reconnect the UPS input mains power; start the UPS and transfer the load to the inverter.
 - 1.2.16.3. Complete a battery check as needed. Ensure that the available battery autonomy time meets the installation specifications.

1.3. Precision Air-conditioning System (PACS)

The Data Center is primarily cooled with three (3) Units Indoor 10TR Montair PACU and six (6) Outdoor condensing units which is alternately operated. All these PACUs that help control the environment of the area require regular monitoring and maintenance to keep its efficient operation.

The IDF is cooled with one (1) unit indoor 5TR Airedale PACU and one (1) outdoor condensing unit.

Maintenance services for the PACS shall include the following as needed:

- 1.3.1. Visual inspection of all internal sub-assemblies and major components.
- 1.3.2. Recording of indicator readings on temperature and humidity.
- 1.3.3. Cleaning of any foreign material and dust from internal components.
- 1.3.4. Check thermostat settings to ensure the cooling system of the area is kept comfortable. Check status alarm circuits.
- 1.3.5. Clean and pressure wash condenser coils. Dirty coils reduce the system's ability to cool and cause the system to run longer, increasing energy costs and reducing the life of the equipment.
- 1.3.6. Tighten all electrical connections and measure voltage and current on motors. Check for possible defective or worn out electrical components, replace if necessary. Faulty electrical connections can cause unsafe operation of the system and reduce the life of major components. Check for possible

defective or worn out electrical components, replace if necessary.

- 1.3.7. Lubricate all moving parts. Parts that lack lubrication cause friction in motors and increase the amount of electricity used.
- 1.3.8. Check and inspect the condensate drain in the central air conditioner, furnace and/or heat pump. Check controls of the system to ensure proper and safe operation. Check the starting cycle of the equipment to assure the system starts, operates, and shuts off properly.
- 1.3.9. Inspect evaporator (indoor blower) and condenser (outdoor unit) air conditioning coils.
- 1.3.10. Check central air conditioners refrigerant level and adjust if necessary. Too much or too little refrigerant will make the system less efficient increasing energy costs and reducing the life of the equipment.
- 1.3.11. Clean and adjust blower components to provide proper system airflow for greater comfort levels. Airflow problems can reduce the system's efficiency.
- 1.3.12. Inspect and adjust fan belts tension, replace if necessary. Inspect, clean, and change air filters as necessary. A dirty filter can increase energy costs and damage the equipment, leading to early failure.
- 1.3.13. All the necessary spare parts or consumable items such as filters, charging of Freon, and the likes to maintain the PACU will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor.

1.4. Variable Refrigerant Flow (VRF)

Maintenance of One (1) Outdoor condensing units with Six (6) indoor AC units

- 1.4.1. Check thermostat settings to ensure that cooling system of the area is kept comfortable.
- 1.4.2. Tighten all electrical connection and measure voltage and current on motors.
- 1.4.3. Check and inspect the condensate drain in the air conditioner. A clogged drain can cause water damage and affect indoor humidity levels.
- 1.4.4. Check controls of the system to ensure proper and safe operation. Check the starting cycle of the equipment to assure the system starts, operates and shuts off properly.
- 1.4.5. Inspect evaporator (indoor blower) and condenser (outdoor unit) air conditioning coils.
- 1.4.6. Check central air conditioners refrigerant level and adjust if necessary.
- 1.4.7. Clean and adjust blower components to provide proper system airflow for greater comfort levels.
- 1.4.8. Inspect, clean, or change air filters in air conditioning units as applicable.
- 1.4.9. Perform monthly cleaning of indoor and outdoor units using pressurized washer motor.
- 1.4.10. Checking of drain pipe to prevent clogged drain of units.
- 1.4.11. Necessary spare parts or consumable items to maintain the VRF ACU operation shall be allotted from inventory for

immediate replacement of components as needed at the expense of the contractor.

1.5. Fire Suppression System

To prevent the vast amount of investment of BTr from fire hazards and the occurrence of fire, an automatic and intelligent fire suppression system was installed.

In this regard, inspection and check-up of FM-200 field devices such as smoke detectors, manual pull station, abort station, alarm bell, horn and other mechanical parts and components are the vital activities to assure functionality and efficiency of the fire suppression system.

Maintenance services for the fire suppression system shall include the following as needed:

1.5.1. Inspection of Devices

1.5.1.1. Hazard Enclosure

Check original installation for any changes and equipment have not been replaced, modified, or relocated; verify if the hazard volume is still the same and no walls or partition has been added; verify protected rooms are effectively sealed any significant air leaks that could result to agent leakage and a failure of the enclosure to hold the specified agent concentration level for the specified holding period.

1.5.1.2. Agent Cylinder

Verify containers and brackets are securely fastened; check mounting position of horizontally mounted containers; verify the status of agent in each cylinder; check all containers pressure gauges; check solenoid valve/gas cartridge actuator leads and wiring to agent release modules for corrosion and loosen or broken wires.

1.5.1.3. Piping and Nozzles

Verify discharge nozzles and pipe size; verify piping joints & discharge nozzles securely fastened; verify piping distribution system internally to detect the possibility of any oil or particulate matter soiling the hazard area or affecting the agent distribution due to a reduction in the effective nozzle orifice area; verify the nozzle reflectors are positioned to

obtain maximum benefits; verify if discharge nozzle, pipe and fittings.

1.5.1.4. Pipe Supports and Braces Inspect pipe supports hangers and braces for loose, corrosion, and physical damage.

1.5.1.5. Fire Detection, Alarm, Releasing Devices and Peripherals

Verify all wiring systems are properly installed in compliance with local codes and the system drawings; Verify the control panels; check if all end-of-line resistors are intact for backflow loop; verify alternating current (ac) and direct current (dc) wiring; verify all field circuits; check the control panel power supplied to the control unit from a separate dedicated source that will not be shut down on system operation; verify availability of adequate and reliable primary and 24-hour minimum standby sources of energy are used to provide for operation of the detection, signalling, control, and actuation requirements of the system; verify all auxiliary functions for proper operation in accordance with system requirements; verify detection devices in proper type and location; verify condition of detectors; verify manual pull stations are properly installed, readily accessible, accurately identified, and properly protected to prevent damage; verify all manual stations used to release agents require two separate and distinct actions for operation and properly identified; verify the main/reserve switches are properly installed, readily accessible, and clearly identified.

1.5.2. Testing

1.5.2.1. Disable each agent storage container release mechanism so that activation of the release circuit will not release agent.

1.5.2.2. Verify the control panel is connected to a dedicated circuit and labelled properly. Verify control panel is readily accessible, yet restricted from unauthorized personnel.

1.5.2.3. Using smoke tester, check each detector for proper response. Verify all alarm functions occur according to design specification.

1.5.2.4. Operate the necessary circuit to initiate a second alarm circuit if present. Check each detector for



- proper response. Verify that all second alarm functions occur according to design specifications.
- 1.5.2.5. Operate manual release. Verify manual release functions occur according to design specifications.
- 1.5.2.6. Operate abort switch circuit if supplied.
- 1.5.2.7. Verify abort functions according to design specifications.
- 1.5.2.8. Test all supervised circuits for proper trouble response.
- 1.5.2.9. Operate one of each type of input device while on standby power. Verify that an alarm signal is received at remote panel after device is operated. Reconnect primary power supply.
- 1.5.2.10. Operate each type of alarm condition on each signal circuit and verify receipt of trouble condition at the remote station.
- 1.5.2.11. The system shall be returned to its fully operational design condition.
- 1.5.3. Replacement of defective FM-200 components.
- 1.5.4. One-time refill of FM-200 agent if used during the maintenance period or due to accidental discharge.
- 1.5.5. Provision of hand-held, stand-alone fire suppression cylinder as service unit during the refill process and until the actual FM-200 cylinder has been re-installed.
- 1.5.6. Re-testing of the entire fire suppression system upon installation of any replaced device or component.

1.6. Very Early Smoke Detection Aspirating (VESDA) System

In any organization such as BTr, continuity of operations is imperative, while environmental monitoring is challenging, and time is required to ensure safe and orderly evacuation during unexpectedly circumstance.

The VESDA system' very early warning and aspirating smoke detection solution with continuous air sampling provides the earliest possible warning of an impending fire hazard.

VESDA buys the critical time needed to investigate an alarm and initiate an appropriate response to prevent injury, property damage or business disruption.

VESDA detectors have multi-level warnings and a wide range of sensitivity that does not degrade or change over time, so even minute levels of smoke can be detected before a fire has time to escalate.

To assure its systems operations, the following preventive maintenance works shall be performed as needed:

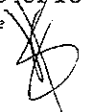
- 1.6.1. Inspection and measure values for the primary and back-up power supply as made available for the VESDA system.

- 1.6.2. Checking of electrical wiring, dedicated branch circuits, terminations, disconnect switch, and polarity to be maintained as relevant to the VESDA device.
- 1.6.3. Inspection of perimeter and surroundings where the controller and components are installed including ease of accessibility.
- 1.6.4. Checking for any presence or sources of vibration, moisture, and electromagnetic interference, which may interfere with the successful operation of the system.
- 1.6.5. Per length or segment checking of mechanical pipes for breaks, including pipe joints, end caps.
 - 1.6.5.1. Verification of sampling system piping or tube condition including labels.
- 1.6.6. Verification condition of sampling points location relative to airflow and presence of air supply diffusers.
- 1.6.7. Systems check of controller at normal state, alarm, or trouble indications.
- 1.6.8. Verification of auxiliary functions such as alarm sounding or display of devices, remote test, annunciators, air handling, and power shutdown in accordance with system requirement.
- 1.6.9. System test methodology including simulation of sample smoke, to determine:
 - 1.6.9.1. Transport Time
 - 1.6.9.2. Initial Response
 - 1.6.9.3. Alert Response
 - 1.6.9.4. Action/Pre-Alarm
 - 1.6.9.5. Fire 1/Fire Response
 - 1.6.9.6. Fire 2 Response
 - 1.6.9.7. Peak Smoke Response
- 1.6.10. Restoration of system to normal operation.
- 1.6.11. Compilation of test results and related documentation.
- 1.6.12. All the necessary spare parts or consumable items to maintain the VESDA system will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor.

1.7. Security Access Control System

Maintenance services for the access control system shall include the following as needed:

- 1.7.1. Visual inspection of all internal sub-assemblies and major components.
- 1.7.2. Hardware troubleshooting and problem isolation.
- 1.7.3. Replacement of defective parts.
- 1.7.4. A set of equivalent access control unit shall be provided on site as back-up unit.
- 1.7.5. Regular monitoring and generation of report as needed from the access control management software.




- 1.7.6. Maintenance and version updates of security management software.
- 1.7.7. Checking of primary and backup power supply.
- 1.7.8. Cleaning and maintenance inspection of the access control unit including its peripherals such as the electromagnetic lock mechanism, as necessary.

1.8. Security Video Surveillance System

Maintenance of the *Security Video Surveillance system* to ensure the effectiveness of security camera system shall include the following as needed:

- 1.8.1. Check cameras in accordance with the specification and any amendment. Check indicator lamps condition. Check the picture quality of each camera and correct monitor selection.
- 1.8.2. Clean camera housings and lenses.
- 1.8.3. Check all cables and conduit are properly supported, undamaged and showing no signs of wear.
- 1.8.4. Check camera functions and movement and fields of view are free from obstruction.
- 1.8.5. Check overall performance of the system.
- 1.8.6. Check all power connections to ensure AC plugs are not loose or cable power frayed.
- 1.8.7. Check all control equipment running condition.
- 1.8.8. Clean monitor screen, control panel and keyboard with diluted cleaning solution.
- 1.8.9. Check monitor for proper brightness and contrast.
- 1.8.10. Check Hard Disk Drive (HDD) Health and Network Video Recorder (NVR) Recording. Monitor its compression capability and storage capacity level.
- 1.8.11. Conduct regular backup of all camera connected to NVR.

1.9. Water Leak Detection System

Water leak detection system installed under the raised flooring that contains sensing cables which were laid out in the Data Center perimeter connected to the control panel with alarm system will be maintained and shall include the following as needed:

- 1.9.1. Routine checking and cleaning of all water leak detection components.
- 1.9.2. Inspection of all sensing cable laid out in the Data Center perimeter.
- 1.9.3. Testing of the control panel and alarm system.
- 1.9.4. All the necessary spare parts or consumable items to maintain the Water Leak Detection System will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor.

1.10. Access Raised Flooring System

This comprehensive maintenance requires cleaning not only the surface of raised flooring system but also under it. It shall include the following as needed:



- 1.10.1. Panel rotation for even wear and Under structure adjustments.
- 1.10.2. Replacement broken edge trim and warped panels.
- 1.10.3. Refurbish delaminated panels and filter vacuuming.
- 1.10.4. Sealant applied to sub flooring and Spot cleaning to remove stains.
- 1.10.5. Professional surface cleaning and detail cleaning of entry points.

1.11. Acoustic Ceiling System

Periodic monthly maintenance service for the acoustic ceiling shall include the following as needed:

- 1.11.1. Spot cleaning to remove stains.
- 1.11.2. Re-painting or re-capping of grid system.
- 1.11.3. Re-surfacing acoustic panels to restore original appearance.
- 1.11.4. Re-alignment of t-runners and support.
- 1.11.5. Replacement warped or broken acoustic panels at the expense of the Contractor.

1.12. Tempered Glass Partition

Periodic monthly maintenance service for the Tempered Glass Partition System shall include the following as needed:

- 1.12.1. Spot cleaning to remove stains.
- 1.12.2. Cleaning of the entire glass panels by squeegee strokes.
- 1.12.3. Removing excess dirt at the bottom of the glass panels using sponge or dry cloth.
- 1.12.4. Cleaning of the bottom frame.
- 1.12.5. Buffing of glass using soft dry cloth.
- 1.12.6. Replacement of broken glass panels at the expense of the Contractor.

1.13. Structured Cabling System

The following shall include all the labor, tools of trade, and expertise necessary in the performance of the services as needed:

- 1.13.1. Regular monthly routine check of structured cabling installation per cabinet.
- 1.13.2. Checking and re-testing of equipment patch cables.
- 1.13.3. Perform troubleshooting and provide problem resolution.
- 1.13.4. Regular check, test and perform maintenance services to keep the system in good operating condition.
- 1.13.5. Perform necessary re-termination of cables at Information Outlet and patch panels.
- 1.13.6. Termination of patch cords and pigtailed.
- 1.13.7. Termination of cables on wiring blocks and patch panels.
- 1.13.8. End to end cable testing, labelling and tagging.
- 1.13.9. Update network layout and as built documentation using own electronic utilities.
- 1.13.10. Maintenance of all server and network racks including IDF racks distributed per floor location.

- 1.13.11. Assist in the survey, planning and design, implementation, and documentation of new cabling requirements.
- 1.13.12. All the necessary spare parts or consumable items to maintain the physical cabling system will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor.

1.14. Network Switches

Maintenance and support works for the active Network Switches setup as deployed in strategic locations per IDF rack on each floor of the BTr building shall include the following as needed:

- 1.14.1. Inspection of Network Rack or IDF Rack to make sure that airflow is unobstructed around the device and into the air intake vents.
- 1.14.2. Surface cleaning of unit with solution to remove dirt on the chassis.
- 1.14.3. Apply pressurized air on the LAN ports and chassis to remove dust and dirt that can cause malfunction of the equipment.
- 1.14.4. Cleaning of equipment ventilation for accumulated dirt and dust.
- 1.14.5. Check the status of the device.
- 1.14.6. Check gigabit transceiver if all are working properly and accepted power to transmit light.
- 1.14.7. Monitoring and verification of software upgrades. Application of upgrades and updates on equipment with the latest software and firmware provided by the manufacturer as necessary.
- 1.14.8. Provision for standby hardware replacement of the defective unit.
- 1.14.9. All the necessary spare parts or consumable items to maintain the Network Switches will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor.

1.15. Data Center Infrastructure Management

Supply of Data Center Infrastructure Management software with service agreement one (1) year with the following features and specification:

- 1.15.1. Data Center Management
- 1.15.2. Application Dependency Mapping/Impact Chart
- 1.15.3. Password Management
- 1.15.4. IP Address management (IPAM)
- 1.15.5. ITAM (IT Inventory and Asset Management)
- 1.15.6. Agentless Discovery (Auto Discovery)

1.16. One (1) Vulnerability Assessment



1.16.1. External Testing : Network mapping and Vulnerability Scanning

1.16.2. Internal Vulnerability Assessment Automated vulnerability scanning, manual security review and recommendation

2. SCOPE OF SERVICES / SERVICE LEVEL AGREEMENT

Effective support of in-scope services is a result of maintaining consistent service levels. The following sections provide relevant details on service scope and service availability.

2.1. Service Scope

2.1.1. Network Technical Support Personnel with the following functions:

2.1.1.1. Oversee the day-to-day operation of computer networks.

2.1.1.2. Maintain efficient computer environment by identifying network failure, recommend upgrades and updates as necessary

2.1.1.3. Maintaining Local Area Network connectivity.

2.1.1.4. Monitoring Top bandwidth user

2.1.1.5. Provide assistance to BTR Management in reviewing network policies.

2.1.1.6. Provide assistance to BTR Management in configuration of network switches and network related devices/equipment.

2.1.1.7. Assist in BTR Management in maintaining user account, profiles, file sharing, access privileges and security in Active directory

2.1.1.8. Assist BTR Management in implementation of network policies and operational procedure.

2.2. Provide at least six (6) on-site technical support personnel for a period of Twelve (12) months and perform other task required for continuous Data Center Operation 24 x 7 for continuous Data Center operation with the following qualifications:



2.2.1. At least one (1) personnel must be trained and certified in the existing major Data Center components, submit certification as proof:

- 2.2.1.1. Precision Air Conditioning Units (PACU)
- 2.2.1.2. VRF (ACU)
- 2.2.1.3. Uninterruptible Power Supply
- 2.2.1.4. Fire Suppression

2.2.2. At least one (1) personnel with electrical and/ or structured cabling system experience

2.3. Provide 24 x 7 Phone and Email Support and Onsite Technical Support.

2.4. Person-to-person (P2P) response time of on-site personnel to user requests shall be made within two (2) hours from receipt of call.

2.5. Inspection Frequency, reports, documentation and training:

2.5.1. Conduct weekly system monitoring:

2.5.1.1. Data Center Equipment

- 2.5.1.1.1. Precision Air-conditioning System (PACS)
- 2.5.1.1.2. Access Raised Flooring System
- 2.5.1.1.3. Acoustic Ceiling System
- 2.5.1.1.4. Tempered Glass Partition
- 2.5.1.1.5. Structured Cabling System
- 2.5.1.1.6. Network Switches

2.5.1.2. Auxiliary Equipment

- 2.5.1.2.1. Electrical System
- 2.5.1.2.2. Uninterruptible Power Supply
- 2.5.1.2.3. Variable Refrigerant Flow (VRF)
- 2.5.1.2.4. Fire Suppression System
- 2.5.1.2.5. Very Early Smoke Detection Aspirating (VESDA) System
- 2.5.1.2.6. Security Access Control System
- 2.5.1.2.7. Security Video Surveillance System
- 2.5.1.2.8. Water Leak Detection System

2.5.2. Conduct monthly system testing:

2.5.2.1. Data Center Equipment

- 2.5.2.1.1. Precision Air-conditioning System (PACS)
- 2.5.2.1.2. Access Raised Flooring System
- 2.5.2.1.3. Acoustic Ceiling System
- 2.5.2.1.4. Tempered Glass Partition
- 2.5.2.1.5. Structured Cabling System
- 2.5.2.1.6. Network Switches

2.5.2.2. Auxiliary Equipment

- 2.5.2.2.1. Electrical System

- 2.5.2.2.2. Uninterruptible Power Supply
 - 2.5.2.2.3. Variable Refrigerant Flow (VRF)
 - 2.5.2.2.4. Fire Suppression System
 - 2.5.2.2.5. Very Early Smoke Detection Aspirating (VESDA) System
 - 2.5.2.2.6. Security Access Control System
 - 2.5.2.2.7. Security Video Surveillance System
 - 2.5.2.2.8. Water Leak Detection System
 - 2.5.3. Submit monthly activity report with photo attachment
 - 2.5.4. Submit incident report (if any) with attached photo before and after the action taken.
 - 2.5.5. Submit monthly site inspection report and attach photo of inspection,
 - 2.5.6. Must conduct actual maintenance training to five (5) BTr personnel during the first quarter of the maintenance schedule and must submit actual maintenance procedure documentation.
- 2.6. Designate a head office-based personnel who will be responsible in managing and providing administrative support for the services as follows:
- 2.6.1. One (1) Primary Contact Service Manager – responsible for monitoring and managing operations of the service at BTr
 - 2.6.2. Back Office support – provide administrative support service including processing relevant documents pertinent to the administration of the services herein required.
 - 2.6.3. The said personnel must be accompanied by a Management Information System Service (MISS) personnel for validation of the proposed works.
- 2.7. Phone and email support: 24 x 7 Monday – Sunday including regular holidays, special holidays and government announced holidays.
- 2.8. On-call personnel: 24 x 7 Monday – Sunday including regular holidays, special holidays and government announced holidays. On call support is provided in situations that require the presence of Technical Personnel at BTr site as urgently needed to perform critical activities. Response time is within 4 hours from receipt of call.
- 2.9. The CONTRACTOR must coordinate with Facilities Maintenance Division (FMD) of the BTr for scope of electrical concerns.

3. CONFIDENTIALITY OF DATA

- 3.1. The CONTRACTOR and all project staff of the CONTRACTOR assigned to BTr shall be required to sign a **Non-Disclosure Agreement**.
- 3.2. The BTr system, its components, parts and all products, product samples and specifications, data, ideas, technology, and technical

and non-technical materials, all or any of which may be derived from any of the foregoing (all of which, individually and collectively, referred to as "Proprietary Information") are confidential and proprietary to the Bureau of the Treasury.

- 3.3. The CONTRACTOR agrees to hold the Proprietary Information in strict confidence. CONTRACTOR furthermore agrees not to reproduce, transcribe, or disclose the Proprietary Information to third parties without prior written approval of the Bureau of the Treasury
- 3.4. To ensure the confidentiality of all information that will come to the knowledge of the CONTRACTOR and its employees assigned to BTr, the CONTRACTOR and its employees assigned therein, shall uphold strict confidentiality of any information that has concern to the BTr, including but not be limited to IT infrastructure design/configuration, work flow/process, building layout and designs.

4. CONTRACTORS REQUIREMENT & QUALIFICATION

- 4.1. The CONTRACTOR must be capable of implementing the project consistent with the primary purpose as it appears in its SEC Articles of Incorporation that it provides any and all acts and things that are associated with or required in information and communication technology including but not limited to renovation, maintenance or build of data center; renovation, maintenance or build of building management system; renovation, maintenance or build of local- and wide-area, wired or wireless data, voice and video network communication.
- 4.2. The CONTRACTOR must have a valid Philippine Contractors Accreditation Board (PCAB) license classification in all of the following:
 - 4.2.1. Electrical Works
 - 4.2.2. Communication Facilities
 - 4.2.3. Air-Condition and Refrigeration Works
 - 4.2.4. Fire Protection Works
 - 4.2.5. Mechanical Works
- 4.3. Must be an ISO certified for the provision of providing IT related products and services for any of the following:
 - 4.3.1. Renovation/maintenance, or build of Datacenter
 - 4.3.2. System integration
 - 4.3.3. Build/renovation of data, voice and video Communication
- 4.4. The CONTRACTOR must be an authorized partner/reseller/distributor and with access to spare parts of the existing and currently installed systems in the Bureau of the Treasury:



- 4.4.1. Eaton – for Uninterrupted Power Supply
- 4.4.2. Montair – for Precision Air-Conditioning Unit
- 4.4.3. Airedale - for Precision Air-Conditioning Unit
- 4.4.4. Hewlett Packard – for LAN Switches

4.5. The CONTRACTOR, at the time of the contract award, must have completed a project with a value at least 50% of the approved budget involving Data Center and Facilities Maintenance which includes the following components:

- 4.5.1. Electrical System
- 4.5.2. Fire Suppression
- 4.5.3. Air-conditioning Unit
- 4.5.4. Uninterruptible Powers Supply (UPS)
- 4.5.5. Structured Cabling System
- 4.5.6. Security Access Control
- 4.5.7. CCTV

4.6. The CONTRACTOR must have the following personnel qualifications:

4.6.1. One (1) Project Manager or Equivalent


- 4.6.1.1. Must be a regular employee for at least five years.
- 4.6.1.2. Must have project management training
- 4.6.1.3. Must be trained in premises cabling system design, and installation by an Original Equipment Manufacturer (OEM).
- 4.6.1.4. Must be trained in Total Building Integration Cabling and Project Management
- 4.6.1.5. Must be trained in Wireless LAN
- 4.6.1.6. Trained in Fire Systems Design, Configuration, Installation
- 4.6.1.7. Trained in Precision Air-Conditioning System
- 4.6.1.8. Trained in Uninterruptible Power Supply
- 4.6.1.9. Must submit certification for all trainings attained for validation
- 4.6.1.10. Must submit all the Certificate referring to: 4.6.1.2, 4.6.1.3, 4.6.1.4, 4.6.1.5, 4.6.1.6, 4.6.1.7 and 4.6.1.8 for validation.
- 4.6.1.11. Must also submit Curriculum Vitae (CV)

4.6.2. One (1) safety Officer

- 4.6.2.1. Must be a licensed engineer
- 4.6.2.2. Must have a professional certificate in facilities management.
- 4.6.2.3. Must have completed the prescribed course in Occupational Safety and Health by DOLE.
- 4.6.2.4. Must have completed the prescribed course in Basic Occupational Safety and Health (BOSH) by DOLE.

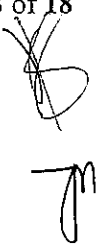
| | |
|--|--|
| <p>4.7. The CONTRACTOR must have a Sustaining Technical Employee (STE) registered with DTI-PCAB under the name of the CONTRACTOR:</p> <p>4.7.1. Electrical Engineer</p> <p>4.7.2. Mechanical Engineer</p> <p>4.7.3. Electronics Engineer</p> | |
| <p>5. MODE OF PAYMENT</p> <p>5.1. Quarterly Payment; The following requirements are needed as deliverables prior to the payment:</p> <p>5.1.1. First Quarter</p> <p>5.1.1.1. Quarterly report.</p> <p>5.1.1.2. Training Completion Certificate which refer to Part I. Section 2.5.6 of this Terms of Reference.</p> <p>5.1.2. Second Quarter</p> <p>5.1.2.1. Quarterly report.</p> <p>5.1.3. Third Quarter</p> <p>5.1.3.1. Quarterly report.</p> <p>5.1.4. Fourth Quarter</p> <p>5.1.4.1. Quarterly report.</p> | |

Prepared by:


WILFREDO L. YATCO
 OIC-Director Management Information System Service

Approved by:


ATTY. ERWIN D. STA ANA
 Deputy Treasurer of the Philippines



**TERMS OF
REFERENCE
(ITEM 2)**

TERMS OF REFERENCE

1. PROJECT TITLE

Procurement of One (1) - year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the Bureau of the Treasury – Panay Office.

2. BACKGROUND

The Bureau of the Treasury (BTr) has invested valuable time, money, and resources to build and operate a state-of-the-art IT Infrastructure and Data Center Facility that supports its executive mandate.

The most important and priceless item inside the Data Center is the wealth of information and data that it processes and archives. This facility in itself is an ecosystem - an environment for servers, switches, routers, data-voice-video equipment and many other hardware and software needed to process information. Just like any ecosystem - sustainable and efficient - it has to be maintained, cleaned, monitored and made operational daily.

In order to keep the essential components in good operating condition, BTr requires technical support to manage and maintain. The need is for the reason of availability of skilled manpower in each Data Center component, accessibility of original spare parts, and over-all presence of expert facility maintenance management. Acquiring a comprehensive facility maintenance service will enable BTr to focus to its vision, mission, and core competency.

3. OBJECTIVES

- 3.1. To maximize the use of investment on facilities and equipment to its optimum performance;
- 3.2. To reduce business interruption, minimize electrical utility cost, reduce repair costs and to extend equipment life;
- 3.3. To minimize power quality risks and minimize life/ property/ safety risks costs;
- 3.4. To increase the effectiveness of systems for the data center;
- 3.5. To increase the productivity of end-users.

4. CONTRACT DURATION:

The winning CONTRACTOR shall provide a minimum of one (1) year Maintenance Service to the Bureau of the Treasury.



| PART I. SCOPE OF WORKS AND METHODOLOGY | |
|--|--------------------|
| | BIDDER'S STATEMENT |
| <p>1. Perform Preventive Maintenance Service on the following systems inside the Data Center</p> <p>1.1. Electrical System Electrical system maintenance works shall cover the Data Center (Cold Aisle area, NOC, and Auxiliary), EE room, TelCo room, Gen set and Condenser unit area, and IDF room.</p> <p>Maintenance services for the electrical system shall include the following as needed:</p> <ul style="list-style-type: none"> 1.1.1. Checking of circuit breakers and switches. 1.1.2. Perform load balancing as needed to prevent power overload and other power issues; Study the system load during the actual operation, Determine the unbalance phase load; Transfer/reconfigure load to balance the phase load, Monitor the balanced current load; Project the additional load per phase and re-balance load as the change arise. 1.1.3. Provide and readjust electrical load requirement as necessary for the equipment installed in every rack cabinet within the existing overall load capacity of the UPS. Add and install additional PDU and electrical cabling as necessary. 1.1.4. Calibration of protective relays. Perform megger testing. Identification of potential electrical problems. 1.1.5. Survey and identify of high temperature incursions. 1.1.6. Switchgear cleaning and inspection. 1.1.7. Cleaning and tightening of all electrical connections and equipment enclosures. <p>1.2. Uninterruptible Power Supply Maintenance services shall cover the two (2) operational units of 80KVA-capacity UPS installed at the Auxiliary Area of the Data Center. In the event of Maintenance procedure, the Data Center shall not experience any power interruption that will cause unexpected shut off of any equipment of the Data Center. Maintenance services for the UPS shall include the following as needed:</p> <ul style="list-style-type: none"> 1.2.1. Monthly periodic maintenance services for the UPS unit and battery system to be performed on a mutually agreed schedule. 1.2.2. All the necessary spare parts or consumable items to maintain the UPS will be allotted from stock Inventory or immediate replacement of defective components. 1.2.3. Conduct on-site inspection of the equipment and check the integrity of any electrified hinges or similar power-transfer devices. 1.2.4. Replace batteries and fine-tune each opening. 1.2.5. Check current UPS installation condition. Installation should be in accordance with the manufacturer's guideline and wiring regulations. | |

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- 1.2.6. Provide necessary recommendation to expand the life of the equipment. User and operations training refresher for client's technical personnel.
- 1.2.7. Perform appropriate preventive measures to keep the UPS in good and running condition as follows:
 - 1.2.7.1. Ensure adequate clearance around the UPS for ventilation and maintenance access. Check the surrounding of the UPS.
 - 1.2.7.2. Do not allow smoke or naked lights in the vicinity of the UPS or its battery. Keep the room in which the UPS is situated dry, clean and dust free.
 - 1.2.7.3. Do not store or use corrosive materials in the vicinity of the UPS. Do not allow building or electrical work to be carried out near the UPS unless the machine has first been de-energized and covered. Thoroughly clean the room before re-energizing the machine.
 - 1.2.7.4. To ensure optimum performance and life out of the UPS the ambient temperature in the battery cabinet / compartment should be maintained between 20 to 25 degrees centigrade.
 - 1.2.7.5. Ensure the ventilation air conditioning is sufficient to cope with the heat dissipated and is capable of maintaining the Data Center within recommended ambient temperature and humidity recommendations.
- 1.2.8. Record UPS display parameters. Measure actual UPS parameters. Measure and record input and output filter current.
- 1.2.9. Check for present alarm/s and note findings. Download alarm history and event alarms. Check and record environmental condition.
- 1.2.10. Perform ocular inspection and check capacitors for signs of leakage; coils, wire/cables, PCB components for signs of burns; blowers for correct operation.
- 1.2.11. Perform thermal scanning of all UPS electrical connections and power components using infrared scanner and note findings.
- 1.2.12. If a discrepancy from original calibration was identified, transfer the UPS to bypass mode if permitted by the Authorized person of Systems Administration Division and perform control supply only calibration procedure, otherwise, gathering of parameters are to be done thru its display and accessible parts are to be checked.
- 1.2.13. If the unit needed corrective measures, through cleaning of internal components, and other activities that could endanger the safety of the personnel, perform orderly shutdown of the unit and do as necessary.
- 1.2.14. Clean battery tops and terminals for corrosion if present. Perform battery test procedure and record parameters. Clean UPS and battery cabinet panels.
- 1.2.15. Normalize UPS and double-check all display parameters. Reset alarm history and event alarms buffer.

1.2.16. Shutdown the UPS following the recommended operating procedures:

- 1.2.16.1. Isolate the UPS input Mains supply externally and isolate the battery. Ensure that the UPS is totally powered down. UPS power components and sub-assemblies.
- 1.2.16.2. Open the internal hinged safety panel to gain access to the interior of the UPS. Check electrolytic capacitors for signs of leakage, bucking, so forth; check magnetic components for signs of overheating, security of fixture and de-lamination; check cables and connections for chaffing, fraying, and signs of overheating; check printed circuit boards for cleanliness and integrity; replace bonds that show signs of deterioration; verify that all board connections are tight and secure; thoroughly clean inside the equipment enclosure using a vacuum cleaner and low-pressure air to remove foreign debris; reconnect the UPS input mains power; start the UPS and transfer the load to the inverter.
- 1.2.16.3. Complete a battery check as needed. Ensure that the available battery autonomy time meets the installation specifications.

1.3. Precision Air-conditioning System (PACS)

The Data Center is primarily cooled with four (4) Units Indoor 10TR PACU and eight (8) Outdoor condensing units which is alternately operated. All these PACUs that help control the environment of the area require regular monitoring and maintenance to keep its efficient operation.

Maintenance services for the PACS shall include the following as needed:

- 1.3.1. Visual inspection of all internal sub-assemblies and major components.
- 1.3.2. Recording of indicator readings on temperature and humidity.
- 1.3.3. Cleaning of any foreign material and dust from internal components.
- 1.3.4. Check thermostat settings to ensure the cooling system of the area is kept comfortable. Check status alarm circuits.
- 1.3.5. Clean and pressure wash condenser coils. Dirty coils reduce the system's ability to cool and cause the system to run longer, increasing energy costs and reducing the life of the equipment.
- 1.3.6. Tighten all electrical connections and measure voltage and current on motors. Check for possible defective or worn out electrical components, replace if necessary. Faulty electrical connections can cause unsafe operation of the system and reduce the life of major components. Check for possible defective or worn out electrical components, replace if necessary.
- 1.3.7. Lubricate all moving parts. Parts that lack lubrication cause friction in motors and increase the amount of electricity used.



- 1.3.8. Check and inspect the condensate drain in the central air conditioner, furnace and/or heat pump. Check controls of the system to ensure proper and safe operation. Check the starting cycle of the equipment to assure the system starts, operates, and shuts off properly.
- 1.3.9. Inspect evaporator (indoor blower) and condenser (outdoor unit) air conditioning coils.
- 1.3.10. Check central air conditioners refrigerant level and adjust if necessary. Too much or too little refrigerant will make the system less efficient increasing energy costs and reducing the life of the equipment.
- 1.3.11. Clean and adjust blower components to provide proper system airflow for greater comfort levels. Airflow problems can reduce the system's efficiency.
- 1.3.12. Inspect and adjust fan belts tension, replace if necessary. Inspect, clean, and change air filters as necessary. A dirty filter can increase energy costs and damage the equipment, leading to early failure.
- 1.3.13. All the necessary spare parts or consumable items such as filters, charging of Freon, and the likes to maintain the PACU will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor.

1.4. Variable Refrigerant Flow (VRF) Maintenance of One (1) Outdoor condensing units with five (5) indoor AC units

- 1.4.1. Check thermostat settings to ensure that cooling system of the area is kept comfortable.
- 1.4.2. Tighten all electrical connection and measure voltage and current on motors.
- 1.4.3. Check and inspect the condensate drain in the air conditioner. A clogged drain can cause water damage and affect indoor humidity levels.
- 1.4.4. Check controls of the system to ensure proper and safe operation. Check the starting cycle of the equipment to assure the system starts, operates and shuts off properly.
- 1.4.5. Inspect evaporator (indoor blower) and condenser (outdoor unit) air conditioning coils.
- 1.4.6. Check central air conditioners refrigerant level and adjust if necessary.
- 1.4.7. Clean and adjust blower components to provide proper system airflow for greater comfort levels.
- 1.4.8. Inspect, clean, or change air filters in air conditioning units as applicable.
- 1.4.9. Perform monthly cleaning of indoor and outdoor units using pressurized washer motor.
- 1.4.10. Checking of drain pipe to prevent clogged drain of units.
- 1.4.11. Necessary spare parts or consumable items to maintain the VRF ACU operation shall be allotted from inventory for immediate replacement of components as needed at the expense of the Contractor.

1.5. Access Raised Flooring System

This comprehensive maintenance requires cleaning not only the surface of raised flooring system but also under it. It shall include the following as needed:

- 1.5.1. Panel rotation for even wear.
- 1.5.2. Under structure adjustments.
- 1.5.3. Replacement broken edge trim.
- 1.5.4. Replacement warped panels.
- 1.5.5. Refurbish delaminated panels.
- 1.5.6. Filter vacuuming.
- 1.5.7. Sealant applied to sub flooring.
- 1.5.8. Spot cleaning to remove stains.
- 1.5.9. Professional surface cleaning.
- 1.5.10. Detail cleaning of entry points.
- 1.5.11. Detailed cleaning of perforated panels.

1.6. Acoustic Ceiling System

Periodic monthly maintenance service for the acoustic ceiling shall include the following as needed:

- 1.6.1. Spot cleaning to remove stains.
- 1.6.2. Re-painting or re-capping of grid system.
- 1.6.3. Re-surfacing acoustic panels to restore original appearance.
- 1.6.4. Re-alignment of t-runners and support.
- 1.6.5. Replacement warped or broken acoustic panels.

1.7. Tempered Glass Partition

Periodic monthly maintenance service for the Tempered Glass Partition System shall include the following as needed:

- 1.7.1. Spot cleaning to remove stains.
- 1.7.2. Cleaning of the entire glass panels by squeegee strokes.
- 1.7.3. Removing excess dirt at the bottom of the glass panels using sponge or dry cloth.
- 1.7.4. Cleaning of the bottom frame.
- 1.7.5. Buffing of glass using soft dry cloth.
- 1.7.6. Replacement of broken glass panels at the expense of the Contractor.

1.8. Cold Aisle Containment

1.8.1. Maintenance of the entire Cold aisle containment structure which includes the following components:

- 1.8.1.1. Tempered Glass
- 1.8.1.2. Door Mechanism
- 1.8.1.3. Lighting

1.9. Fire Suppression System

To prevent the vast amount of investment of BTr from fire hazards and the occurrence of fire, an automatic and intelligent fire suppression system was installed.

In this regard, inspection and check-up of FM-200 field devices such as smoke detectors, manual pull station, abort station, alarm bell, horn and other mechanical parts and components are the vital activities to assure functionality and efficiency of the fire suppression system.

Maintenance services for the fire suppression system shall include the following as needed:

1.9.1. Inspection of Devices

1.9.1.1. Hazard Enclosure

Check original installation for any changes and equipment have not been replaced, modified, or relocated; verify if the hazard volume is still the same and no walls or partition has been added; verify protected rooms are effectively sealed any significant air leaks that could result to agent leakage and a failure of the enclosure to hold the specified agent concentration level for the specified holding period.

1.9.1.2. Agent Cylinder

Verify containers and brackets are securely fastened; check mounting position of horizontally mounted containers; verify the status of agent in each cylinder; check all containers pressure gauges; check solenoid valve/gas cartridge actuator leads and wiring to agent release modules for corrosion and loosen or broken wires.

1.9.1.3. Piping and Nozzles

Verify discharge nozzles and pipe size; verify piping joints & discharge nozzles securely fastened; verify piping distribution system internally to detect the possibility of any oil or particulate matter soiling the hazard area or affecting the agent distribution due to a reduction in the effective nozzle orifice area; verify the nozzle reflectors are positioned to obtain maximum benefits; verify if discharge nozzle, pipe and fittings.

1.9.1.4. Pipe Supports and Braces Inspect pipe supports hangers and braces for loose, corrosion, and physical damage.

1.9.1.5. Fire Detection, Alarm, Releasing Devices and Peripherals

Verify all wiring systems are properly installed in compliance with local codes and the system drawings; Verify the control panels; check if all end-of-line resistors are intact for backflow loop; verify alternating current (ac) and direct current (dc) wiring; verify all field circuits; check the control panel power supplied to the control unit from a separate dedicated source that will not be shut down on system operation; verify availability of adequate and reliable primary and 24-hour minimum standby sources of energy are used to provide for operation of the detection, signalling, control, and actuation requirements of the system; verify all auxiliary functions for proper operation in accordance with system requirements; verify detection devices in proper type and location; verify condition of detectors; verify manual pull stations are properly installed, readily accessible, accurately identified, and properly protected to prevent damage; verify all manual stations used to release agents require two separate and distinct actions for operation and properly identified; verify the main/reserve switches are properly installed, readily accessible, and clearly identified.

1.9.2. Testing

1.9.2.1. Disable each agent storage container release mechanism so that activation of the release circuit will not release agent.

1.9.2.2. Verify the control panel is connected to a dedicated circuit and labelled properly. Verify control panel is readily accessible, yet restricted from unauthorized personnel.

1.9.2.3. Using smoke tester, check each detector for proper response. Verify all alarm functions occur according to design specification.

1.9.2.4. Operate the necessary circuit to initiate a second alarm circuit if present. Check each detector for proper response. Verify that all second alarm functions occur according to design specifications.



- 1.9.2.5. Operate manual release. Verify manual release functions occur according to design specifications.
- 1.9.2.6. Operate abort switch circuit if supplied.
- 1.9.2.7. Verify abort functions according to design specifications.
- 1.9.2.8. Test all supervised circuits for proper trouble response.
- 1.9.2.9. Operate one of each type of input device while on standby power. Verify that an alarm signal is received at remote panel after device is operated. Reconnect primary power supply.
- 1.9.2.10. Operate each type of alarm condition on each signal circuit and verify receipt of trouble condition at the remote station.
- 1.9.2.11. The system shall be returned to its fully operational design condition.
- 1.9.3. Replacement of defective FM-200 components.
- 1.9.4. One-time refill of FM-200 agent if used during the maintenance period or due to accidental discharge.
- 1.9.5. Provision of hand-held, stand-alone fire suppression cylinder as service unit during the refill process and until the actual FM-200 cylinder has been re-installed.
- 1.9.6. Re-testing of the entire fire suppression system upon installation of any replaced device or component.

1.10. Security Access Control System

Maintenance services for the access control system shall include the following as needed:

- 1.10.1. Visual inspection of all internal sub-assemblies and major components.
- 1.10.2. Hardware troubleshooting and problem isolation.
- 1.10.3. Replacement of defective parts.
- 1.10.4. A set of equivalent access control unit shall be provided on site as back-up unit.
- 1.10.5. Regular monitoring and generation of report as needed from the access control management software.
- 1.10.6. Maintenance and version updates of security management software.
- 1.10.7. Checking of primary and backup power supply.
- 1.10.8. Cleaning and maintenance inspection of the access control unit including its peripherals such as the electromagnetic lock mechanism, as necessary.

1.11. Security Video Surveillance System

Coverage: All Cameras Installed in the Network Video Recorder (NVR).

Maintenance of the *Security Video Surveillance system* to ensure the effectiveness of security camera system shall include the following as needed:

- 1.11.1. Check cameras in accordance with the specification and any amendment. Check indicator lamps condition. Check the picture quality of each camera and correct monitor selection.
- 1.11.2. Clean camera housings and lenses.
- 1.11.3. Check all cables and conduit are properly supported, undamaged and showing no signs of wear.
- 1.11.4. Check camera functions and movement and fields of view are free from obstruction.
- 1.11.5. Check overall performance of the system.
- 1.11.6. Check all power connections to ensure AC plugs are not loose or cable power frayed.
- 1.11.7. Check all control equipment running condition.
- 1.11.8. Clean monitor screen, control panel and keyboard with diluted cleaning solution.
- 1.11.9. Check monitor for proper brightness and contrast.
- 1.11.10. Check Hard Disk Drive (HDD) Health and Network Video Recorder (NVR) Recording. Monitor its compression capability and storage capacity level.
- 1.11.11. Conduct regular backup of all camera connected to NVR.
- 1.11.12. **Repair and Maintenance of all cameras and NVR.**

1.12. **Water Leak Detection System**

Water leak detection system installed under the raised flooring that contains sensing cables which were laid out in the Data Center perimeter connected to the control panel with alarm system will be maintained and shall include the following as needed:

- 1.12.1. Routine checking and cleaning of all water leak detection components.
- 1.12.2. Inspection of all sensing cable laid out in the Data Center perimeter.
- 1.12.3. Testing of the control panel and alarm system.
- 1.12.4. All the necessary spare parts or consumable items to maintain the Water Leak Detection System will be allotted from inventory for immediate replacement of defective components.

1.13. **Structured Cabling System**

The following shall include all the labor, tools of trade, and expertise necessary in the performance of the services as needed:

- 1.13.1. Regular monthly routine check of structured cabling installation per cabinet.
- 1.13.2. Checking and re-testing of equipment patch cables.
- 1.13.3. Perform troubleshooting and provide problem resolution.
- 1.13.4. Regular check, test and perform maintenance services to keep the system in good operating condition.

- 1.13.5. Perform necessary re-termination of cables at Information Outlet and patch panels.
- 1.13.6. Termination of patch cords and pigtails.
- 1.13.7. Termination of cables on wiring blocks and patch panels.
- 1.13.8. End to end cable testing, labelling and tagging.
- 1.13.9. Update network layout and as built documentation using own electronic utilities.
- 1.13.10. Maintenance of all server and network racks including IDF racks distributed per floor location.
- 1.13.11. Assist in the survey, planning and design, implementation, and documentation of new cabling requirements.
- 1.13.12. All the necessary spare parts or consumable items to maintain the physical cabling system will be allotted from inventory for immediate replacement of defective components at the expense of the Contractor.

1.14. Network Switches

Maintenance and support works for the active Network Switches setup as deployed in strategic locations per IDF rack on each floor of the BTr building shall include the following as needed:

- 1.14.1. Inspection of Network Rack or IDF Rack to make sure that airflow is unobstructed around the device and into the air intake vents.
- 1.14.2. Surface cleaning of unit with solution to remove dirt on the chassis.
- 1.14.3. Apply pressurized air on the LAN ports and chassis to remove dust and dirt that can cause malfunction of the equipment.
- 1.14.4. Cleaning of equipment ventilation for accumulated dirt and dust.
- 1.14.5. Check the status of the device.
- 1.14.6. Check gigabit transceiver if all are working properly and accepted power to transmit light.
- 1.14.7. Monitoring and verification of software upgrades. Application of upgrades and updates on equipment with the latest software and firmware provided by the manufacturer as necessary.
- 1.14.8. Provision for standby hardware replacement of the defective unit.
- 1.14.9. All the necessary spare parts or consumable items to maintain the Network Switches will be allotted from inventory for immediate replacement of defective components.

1.15. Two (2) sets of silent type 165 KVA Generator Set - Cummins:

- 1.15.1. Lubricating System
 - 1.15.1.1. Check for leaks.
 - 1.15.1.2. Check engine oil level.
 - 1.15.1.3. Check hydraulic governor oil level.
 - 1.15.1.4. Change full flow filter; by-pass filter

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1.15.1.5. Change engine oil of two (2) generator sets twice a year or every six (6) months.

1.15.2. Cooling System

1.15.2.1. Check for leaks.

1.15.2.2. Check for radiator air restriction.

1.15.2.3. Check the hose & connections.

1.15.2.4. Check coolant level

1.15.2.5. Check belt condition & tension.

1.15.2.6. Check fan hub, drive pulley, & water pump.

1.15.2.7. Change DCA water filter.

1.15.2.8. Clean cooling system.

1.15.3. Air Intake System

1.15.3.1. Check for leaks.

1.15.3.2. Check air cleaner restriction.

1.15.3.3. Check piping & connections.

1.15.3.4. Clean crankcase breather or change air cleaner element.

1.15.4. Fuel System

1.15.4.1. Check for leaks.

1.15.4.2. Check governor linkage.

1.15.4.3. Check fuel lines & connections.

1.15.4.4. Change fuel filters.

1.15.4.5. Clean or change float tank breather.

1.15.5. Exhaust System

1.15.5.1. Check for leaks.

1.15.5.2. Check for exhaust restriction.

1.15.5.3. Drain condensate trap.

1.15.6. Engine Related

1.15.6.1. Check for unusual vibration

1.15.6.2. Tighten mounting hardware

1.15.6.3. Clean the engine

1.15.7. Battery

1.15.7.1. Check battery water level and refill distilled water if necessary.

1.15.7.2. Check Battery DC output voltage and charging rate.

1.15.7.3. Replace four (4) pieces 3SM battery 12 Volts if needed.

1.15.8. Automatic Transfer Switch (ATS)

1.15.8.1. Check ATS indicator lamps and breaker.

1.15.8.2. Checking of Temperature on busbar and terminal connection using Thermal Scanner.

1.15.9. The CONTRACTOR'S Engineer must assist the BTr during refueling.

1.16. **One (1) Vulnerability Assessment**

1.16.1. External Testing : Network mapping and Vulnerability Scanning

1.16.2. Internal Vulnerability Assessment Automated vulnerability scanning, manual security review and recommendation

2. SCOPE OF SERVICES / SERVICE LEVEL AGREEMENT

Effective support of in-scope services is a result of maintaining consistent service levels. The following sections provide relevant details on service scope and service availability.

2.1. **Service Scope**

2.1.1. Network Technical Support Personnel with the following functions:

2.1.1.1. Oversee the day-to-day operation of computer networks.

2.1.1.2. Maintain efficient computer environment by identifying network failure, recommend upgrades and updates as necessary

2.1.1.3. Maintaining Local Area Network connectivity.

2.1.1.4. Monitoring Top bandwidth user

2.1.1.5. Provide assistance to BTR Management in reviewing network policies.

2.1.1.6. Provide assistance to BTR Management in configuration of network switches and network related devices/equipment.

2.1.1.7. Assist in BTR Management in maintaining user account, profiles, file sharing, access privileges and security in Active directory

2.1.1.8. Assist BTR Management in implementation of network policies and operational procedure.

2.2. Provide at least **five (5)** on-site technical support personnel for a period of Twelve (12) months and perform other task required for continuous Data Center Operation 24 x 7 for continuous Data Center operation with the following qualifications:

2.2.1. At least one (1) personnel must be trained and certified in the existing major Data Center components, submit certification as proof:

2.2.1.1. Precision Air Conditioning Units (PACU)

2.2.1.2. VRF (ACU)

2.2.1.3. Uninterruptible Power Supply

2.2.1.4. Fire Suppression

2.2.2. At least one (1) personnel with electrical and/ or structured cabling system experience

2.3. Provide 24 x 7 Phone and Email Support and Onsite Technical Support.

2.4. Person-to-person (P2P) response time of on-site personnel to user requests shall be made within two (2) hours from receipt of call.

2.5. Inspection Frequency, reports, documentation and training:

2.5.1. Conduct weekly system monitoring:

2.5.1.1. Data Center Equipment

2.5.1.1.1. Precision Air-conditioning System (PACS)

2.5.1.1.2. Access Raised Flooring System

2.5.1.1.3. Acoustic Ceiling System

2.5.1.1.4. Cold Aisle Containment

2.5.1.1.5. Tempered Glass Partition

2.5.1.1.6. Structured Cabling System

2.5.1.1.7. Network Switches

2.5.1.2. Auxiliary Equipment

2.5.1.2.1. Electrical System

2.5.1.2.2. Uninterruptible Power Supply

2.5.1.2.3. Variable Refrigerant Flow (VRF)

2.5.1.2.4. Fire Suppression System

2.5.1.2.5. Security Access Control System

2.5.1.2.6. Security Video Surveillance System

2.5.1.2.7. Water Leak Detection System

2.5.1.2.8. Generator Set

2.5.2. Conduct monthly system testing:

2.5.2.1. Data Center Equipment

2.5.2.1.1. Precision Air-conditioning System (PACS)

- 2.5.2.1.2. Access Raised Flooring System
- 2.5.2.1.3. Acoustic Ceiling System
- 2.5.2.1.4. Cold Aisle Containment
- 2.5.2.1.5. Tempered Glass Partition
- 2.5.2.1.6. Structured Cabling System
- 2.5.2.1.7. Network Switches
- 2.5.2.2. Auxiliary Equipment
 - 2.5.2.2.1. Electrical System
 - 2.5.2.2.2. Uninterruptible Power Supply
 - 2.5.2.2.3. Variable Refrigerant Flow (VRF)
 - 2.5.2.2.4. Fire Suppression System
 - 2.5.2.2.5. Security Access Control System
 - 2.5.2.2.6. Security Video Surveillance System
 - 2.5.2.2.7. Water Leak Detection System
 - 2.5.2.2.8. Generator Set
- 2.5.3. Submit monthly activity report with photo attachment
- 2.5.4. Submit incident report (if any) with attached photo before and after the action taken.
- 2.5.5. Submit monthly site inspection report and attach photo of inspection.

- 2.6. Designate a head office-based personnel who will be responsible in managing and providing administrative support for the services as follows:
 - 2.6.1. One (1) Primary Contact Service Manager – responsible for monitoring and managing operations of the service at BTr
 - 2.6.2. Back Office support – provide administrative support service including processing relevant documents pertinent to the administration of the services herein required.
 - 2.6.3. The said personnel must be accompanied by an Management Information System Service (MISS) personnel for validation of the proposed works.

- 2.7. Phone and email support: 24 x 7 Monday – Sunday including regular holidays, special holidays and government announced holidays.
- 2.8. On-call personnel: 24 x 7 Monday – Sunday including regular holidays, special holidays and government announced holidays. On call support is provided in situations that require the presence of Technical Personnel at BTr site as urgently needed to perform critical activities. Response time is within 4 hours from receipt of call.
- 2.9. The CONTRACTOR must coordinate with Facilities Maintenance Division (FMD) of the BTr for scope of electrical concerns.

- 3. CONFIDENTIALITY OF DATA**
 - 3.1. The CONTRACTOR and all project staff of the CONTRACTOR assigned to BTr shall be required to sign a **Non-Disclosure Agreement**.



- 3.2. The BTr system, its components, parts and all products, product samples and specifications, data, ideas, technology, and technical and non-technical materials, all or any of which may be derived from any of the foregoing (all of which, individually and collectively, referred to as "Proprietary Information") are confidential and proprietary to the Bureau of the Treasury.
- 3.3. The CONTRACTOR agrees to hold the Proprietary Information in strict confidence. CONTRACTOR furthermore agrees not to reproduce, transcribe, or disclose the Proprietary Information to third parties without prior written approval of the Bureau of the Treasury
- 3.4. To ensure the confidentiality of all information that will come to the knowledge of the CONTRACTOR and its employees assigned to BTr, the CONTRACTOR and its employees assigned therein, shall uphold strict confidentiality of any information that has concern to the BTr, including but not be limited to IT infrastructure design/configuration, work flow/process, building layout and designs.

4. CONTRACTORS REQUIREMENT & QUALIFICATION

- 4.1. The CONTRACTOR must be capable of implementing the project consistent with the primary purpose as it appears in its SEC Articles of Incorporation that it provides any and all acts and things that are associated with or required in information and communication technology including but not limited to renovation, maintenance or build of data center; renovation, maintenance or build of building management system; renovation, maintenance or build of local- and wide-area, wired or wireless data, voice and video network communication.
- 4.2. The CONTRACTOR must have a valid Philippine Contractors Accreditation Board (PCAB) license classification in all of the following:
 - 4.2.1. Electrical Works
 - 4.2.2. Communication Facilities
 - 4.2.3. Air-Condition and Refrigeration Works
 - 4.2.4. Fire Protection Works
 - 4.2.5. Mechanical Works
- 4.3. Must be an ISO certified for the provision of providing IT related products and services for any of the following:
 - 4.3.1. Renovation/maintenance, or build of Datacenter
 - 4.3.2. System integration
 - 4.3.3. Build/renovation of data, voice and video Communication



- 4.4. The CONTRACTOR must be an authorized partner/reseller/distributor and with access to spare parts of the existing and currently installed systems in the Bureau of the Treasury:
- 4.4.1. Eaton – for Uninterrupted Power Supply
 - 4.4.2. Montair – for Precision Air-Conditioning Unit
 - 4.4.3. Toshiba - for Variable Refrigerant Flow Unit
 - 4.4.4. Hewlett Packard – for LAN Switches
 - 4.4.5. Cummins – Generator Set
- 4.5. The CONTRACTOR, at the time of the contract award, must have completed a project with a value at least 50% of the approved budget involving Data Center and Facilities Maintenance which includes the following components:
- 4.5.1. Electrical System
 - 4.5.2. Fire Suppression
 - 4.5.3. Air-conditioning Unit
 - 4.5.4. Uninterruptible Powers Supply (UPS)
 - 4.5.5. Structured Cabling System
 - 4.5.6. Security Access Control
 - 4.5.7. CCTV
- 4.6. The CONTRACTOR must have the following personnel qualifications:
- 4.6.1. One (1) Project Manager or Equivalent
 - 4.6.1.1. Must be a regular employee for at least five years.
 - 4.6.1.2. Must have project management training
 - 4.6.1.3. Must be trained in premises cabling system design, and installation by an Original Equipment Manufacturer (OEM).
 - 4.6.1.4. Must be trained in Total Building Integration Cabling and Project Management
 - 4.6.1.5. Must be trained in Wireless LAN
 - 4.6.1.6. Trained in Fire Systems Design, Configuration, Installation
 - 4.6.1.7. Trained in Precision Air-Conditioning System
 - 4.6.1.8. Trained in Uninterruptible Power Supply
 - 4.6.1.9. Must submit certification for all trainings attained for validation
 - 4.6.1.10. Must submit all the Certificate referring to: 4.6.1.2, 4.6.1.3, 4.6.1.4, 4.6.1.5, 4.6.1.6, 4.6.1.7 and 4.6.1.8 for validation.
 - 4.6.1.11. Must also submit Curriculum Vitae (CV)
 - 4.6.2. One (1) safety Officer
 - 4.6.2.1. Must be a licensed engineer
 - 4.6.2.2. Must have a professional certificate in facilities management.
 - 4.6.2.3. Must have completed the prescribed course in Basic Occupational Safety and Health (BOSH) by DOLE.
- 4.7. The CONTRACTOR must have a Sustaining Technical Employee (STE) registered with **DTI-PCAB** under the name of the CONTRACTOR:

| | |
|---|--|
| <p>4.7.1. Electrical Engineer 4.7.2. Mechanical Engineer 4.7.3. Electronics Engineer</p> | |
| <p>5. MODE OF PAYMENT</p> <p>5.1. Quarterly Payment; The following requirements are needed as deliverables prior to the payment:</p> <p>5.1.1. First Quarter 5.1.1.1. Quarterly report.</p> <p>5.1.2. Second Quarter 5.1.2.1. Quarterly report.</p> <p>5.1.3. Third Quarter 5.1.3.1. Quarterly report.</p> <p>5.1.4. Fourth Quarter 5.1.4.1. Quarterly report.</p> | |

Prepared by:



WILFREDO L. YATCO

OIC-Director Management Information System Service

Approved by:



ATTY. ERWIN D. STA ANA
Deputy Treasurer of the Philippines

Section VIII. Bidding Forms

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Bid Form

Date: _____
 Invitation to Bid N^o: 19-130-8

To: *The Bids and Awards Committee VIII*
Procurement Service
PS Complex, R. R. Road
Cristobal St., Paco, Manila 1007

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 **Procurement of Restoration and Upgrading of Power Cables at Depot Stabling and Pureza Area for the LRTA**, in conformity with the said Bidding Documents.

| LOT NO. | QUANTITY | ITEM/DESCRIPTION | PRICE PER ITEM | TOTAL LOT PRICE* |
|---------|----------|--|----------------|------------------|
| 1 | 1 lot | 1 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Central Office <i>See Terms of Reference of ITEM 1</i> | | |
| | | 2 One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the BTr – Panay Office <i>See Terms of Reference of ITEM 2</i> | | |

** The Bidder shall also provide a Breakdown of Costs for Items 1 and 2. Any format will suffice for as long as the details are present to arrive at the Total Price.*

TOTAL PRICE IN WORDS:

Lot 1 _____

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.

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 Calculated Bid 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.

We likewise certify/confirm that the undersigned, *[for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of Name of Bidder, has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the Procurement of One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the Bureau of the Treasury (BTr) – Central and Panay Office.*

Or;

[for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the Name of Bidder, to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for Procurement of One (1)-Year Comprehensive Maintenance and Support Services for the Data Center IT Infrastructure and Auxiliary Equipment of the Bureau of the Treasury (BTr) – Central and Panay Office.

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

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____



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 or authorized representative 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, or authorized representative of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for *[Name of the Project]* of the *[Name of the Procuring Entity]*, as shown in the attached duly notarized *Special Power of Attorney*;

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 to participate, submit the bid, and to sign and execute the ensuing contract for *[Name of the Project]* of the *[Name of the Procuring Entity]*, as shown in the attached *[state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable);]*;

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;

6. **Select one, delete the rest:**

If a sole proprietorship: The owner or sole proprietor is 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]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. *[Name of Bidder]* hereby assigns the following contact number/s and e-mail address/es as the official telephone/fax number and contact reference of the company where the PS BAC and PS notices may be transmitted.

Telephone No/s.: _____
Mobile No/s.: _____
Fax No/s.: _____
E-mail Add/s.: _____

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

Bidder's Representative/Authorized Signatory

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. _____.

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 _____

STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO THE CONTRACT TO BE BID

This is to certify that _____ (company) _____ has the following completed contracts for the period CY 2009-2019.

| Date of the Contract | Contracting Party | Name of Contract | Kind of Goods Sold | Amount of Contract | Date of Delivery/ End-user's Acceptance | Date of Official Receipt | Bidder is A) Manufacturer B) Supplier C) Distributor |
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Name and Signature of Authorized Representative

Date

*Instructions:

- a) Cut-off date as of:
 - (i) Up to the day before the deadline of submission of bids.
- b) In the column under "Dates", indicate the dates of Delivery/ End-user's Acceptance and Official Receipt.
- c) "Name of Contract". Indicate here the Nature/ Scope of the Contract for the Procuring Entity to determine the relevance of the entry with the Procurement at hand. Example: "Supply and Delivery of Generator Set"



Statement of: (i) Ongoing Contracts and; (ii) Awarded But Not Yet Started Contracts

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

| Date of the Contract | Contracting Party | Name of Contract | Kind of Goods Sold | Amount of Contract | Value of Outstanding Contracts | Bidder is A) Manufacturer B) Supplier C) Distributor |
|----------------------|-------------------|------------------|--------------------|--------------------|--------------------------------|---|
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Name and Signature of
Authorized Representative

Date

***Instructions:**

- a) State all ongoing contracts including those awarded but not yet started (government and private contracts which may be similar or not similar to the project called for bidding) as of:
 - i. **The day before the deadline of submission of bids.**
- b) If there is no ongoing contract including awarded but not yet started as of the aforementioned period, state none or equivalent term.
- c) The total amount of the ongoing and awarded but not yet started contracts should be consistent with those used in the Net Financial Contracting Capacity (NFCC) in case an NFCC is submitted as an eligibility document.
- d) **"Name of Contract"**. Indicate here the Nature/ Scope of the Contract for easier tracking of the entries/ representations. Example: "Supply and Delivery of Generator Set"

Contract Agreement Form

THIS AGREEMENT made the ____ 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 Supplier’s Bid, including the Technical and Financial Proposals, and all other documents/statements submitted (e.g. bidder’s response to clarifications on the bid), including corrections to the bid resulting from the Procuring Entity’s bid evaluation;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract;
 - (f) the Performance Security; and
 - (g) the Entity’s Notice 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).



JOINT VENTURE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

This **JOINT VENTURE AGREEMENT** (hereinafter referred to as the "Agreement"), entered into this _____ day of _____ 20__ at _____ City, Philippines by and among:

_____, a domestic corporation duly organized, registered and existing under and by virtue of the laws of the Republic of the Philippines, with office address at _____, represented by its _____, _____, hereinafter referred to as "_____";

- and -

_____, a domestic corporation duly organized, registered and existing under and by virtue of the laws of the Republic of the Philippines, with office address at _____, represented by its _____, _____, hereinafter referred to as "_____";

- and -

_____ a foreign corporation organized and existing under and by virtue of the laws of _____, represented by its _____, _____, hereinafter referred to as "_____";

(Henceforth collectively referred to as the "Parties")

WITNESSETH: That

WHEREAS, the Procurement Service (PS) has recently published an Invitation to Apply for Eligibility and to Bid for the Supply and Delivery of _____ for the _____;

WHEREAS, the parties have agreed to pool their resources together to form the "_____ Joint Venture", hereinafter referred to as the Joint Venture, under the laws of the Philippines, for the purpose of participating in the abovementioned procurement of PS;

NOW, THEREFORE, for and in consideration of the foregoing premises and the covenants hereto set forth, the Parties have agreed as follows:

**ARTICLE I
ORGANIZATION OF THE JOINT VENTURE**

SECTION 1. Formation – The Parties do hereby agree and bind themselves to establish, form and organize a Joint Venture pursuant to the laws of the Republic of the Philippines, in order for the JV to carry on the purposes and objectives for which it is created;

SECTION 2. Name – The name and style under which the JV shall be conducted is "_____";

SECTION 3. Principal Place of Business – The JV shall maintain its principal place of business at _____;

SECTION 4. Preparation and Documentation – The Parties shall secure and/or execute such certifications, documents, deeds and instruments as may be required by the laws of the Republic of the Philippines for the realization of the JV and in compliance with the Project. Further, they shall do all other acts and things requisite for the continuation of the JV pursuant to applicable laws;

SECTION 5. The Joint Venture shall be represented by the _____ in all biddings, related procurement transactions and other official dealings that it shall enter into with the PS and third parties, such transactions to include, among others, the submission of eligibility documents, bids, registration documents obtaining bonds, performing the principal contract in the event that the contract is awarded in favor of the Joint Venture, receipt of payment for goods delivered, and similar and related activities.

SECTION 6. ~~The period of the Joint Venture shall begin upon execution of this Agreement and shall continue until the complete performance of its contractual obligations to PS, as described in Article II hereof, or upon its termination for material breach of any term or~~

condition of this Agreement, by service of a written statement in English on the other Party, not less than 90 days prior to the intended date termination.

**ARTICLE II
PURPOSE**

SECTION 1. The primary purpose of the Joint Venture is to participate in the public bidding to be conducted by the PS Bids and Awards Committee for the supply and delivery of _____ for the _____.

SECTION 2. If the above-described contract/s is/are awarded to the Joint Venture, the Joint Venture shall undertake the performance thereof to PS, and such other incidental activities necessary for the completion of its contractual obligations.

**ARTICLE III
SOLIDARY LIABILITY OF THE PARTIES**

SECTION 1. In the performance of the contract/s that may be awarded to the Joint Venture by the PS, and all other related activities/obligations, as described in Article II hereof, the Parties bind themselves jointly and solidarily, in the concept of solidarily debtors, subject to the right of reimbursement, as provided in the relevant provisions of the Civil Code of the Philippines.

**ARTICLE IV
CONTRIBUTION AND OTHER ARRANGEMENTS**

SECTION 1. Contribution – The Parties shall contribute the amount of _____ (Php) to support the financial requirements of the Joint Venture, in the following proportion:

| | | | |
|-------|---|----------|------------|
| A. | - | P | .00 |
| B. | - | <u>P</u> | <u>.00</u> |
| TOTAL | | P | .00 |

Additional contributions to the Joint Venture shall be made as may be required for contract implementation. In addition, _____ shall contribute any labor and contract management requirements.

SECTION 2. Profit Sharing – The share of the Parties to the JV from any profit derived or obtained from the implementation and execution of the Project shall be distributed pro rata to each, in accordance with the contribution and resources each has provided to the JV;

~~SECTION 3. Liquidation and Distributions – Any sum remaining after deducting from the total of all moneys or benefits received for the performance of the contract, all costs incurred by the JV after award of the contract for the Project pursuant to the accounting practices established for the JV, shall be distributed in accordance with the relative balances in the~~

accounts of each Party pursuant to Sec.1 of this Article upon completion, final accounting, termination and liquidation of the JV. In the event of liquidation and termination of JV, and after taking into account the shares of the Parties in all income, gain, deductions, expenses, and losses, should the account of a Party contain a negative balance, such Party shall contribute cash to the JV sufficient to restore the said balance to zero;

SECTION 4. Sharing of Burden of a Net Loss – In case a net loss is incurred, additional contributions shall be made by the Parties in accordance with their respective shares.

ARTICLE V
MISCELLANEOUS PROVISIONS

SECTION 1. The provisions of the Instructions to Bidders, Supplemental Bid Bulletin, and other bidding documents issued by the PS in relation to the contract described in Article II hereof, shall be deemed incorporated in this Agreement and made an integral part thereof.

SECTION 2. This Agreement shall be binding upon and inure to the benefit of the Parties and their respective successors and assigns.

SECTION 3. The Parties herein are duly represented by their authorized officers.

SECTION 4. Governing Law - This Agreement shall be governed by and construed according to the laws of the Republic of the Philippines. Venue of any court action arising from this Agreement shall be exclusively laid before the proper court of the _____, Philippines.

IN WITNESS WHEREOF, the parties have set their hands and affixed their signatures on the date and place first above-stated.

Signed in the Presence of:



ACKNOWLEDGMENT

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.
PROVINCE OF (in the case of Municipality)

BEFORE ME, a Notary Public for and in the City/Municipality of _____ (indicate also the Province in the case of Municipality), this _____ day of _____ (month & year) personally appeared the following:

Name ID Name, Number and Validity Date

Known to me and to me known to be the same persons who executed the foregoing instrument and they acknowledge to me that the same is their free and voluntary act and deed and that of the corporation(s) they represent.

This instrument refers to a Joint Venture Agreement consisting of _____ pages, including the page on which this Acknowledgement is written, and signed by the parties and their instrumental witnesses.

WITNESS MY HAND AND NOTARIAL SEAL on the place and on the date first above written.

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 _____

Note:

“Sec. 12. Competent Evidence of Identity – The phrase “competent evidence of identity” refers to the identification of an individual based on:

At least one current identification document issued by an official agency bearing the photograph and signature of the individual, such as but not limited to, passport, driver’s license, Professional Regulations Commission ID, National Bureau of Investigation clearance, police clearance, postal ID, voter’s ID, Barangay certification, Government Service and Insurance System (GSIS) e-card, Social Security System (SSS) card, PhilHealth card, senior-citizen card, Overseas Workers Welfare Administration (OWWA) ID, OFW ID, seaman’s book, alien certificate of registration/immigrant certificate of registration, government office ID, certification from the National Council for the Welfare of Disabled Persons (NCWDP), Department of Social Welfare and Development (DSWD) certification;



SUPPLIER'S LETTERHEAD

Date

**Chairperson
Procurement Service
Bids and Awards Committee VIII
PS Complex, R. R. Road, Cristobal St., Paco, Manila**

Dear Sir:

This has reference to Public Bidding No. _____ for _____ (Name of Project) _____.
_____ (Name of Company) _____ respectfully requests for the following:

- Withdraw of Bid Submissions
- Refund of Bid Security
(Attached is a photocopy of the Procurement Service Official Receipt)
- Cancellation of Credit Line Certificate

It is understood that _____ waives its right to file any motion for reconsideration and/or protest in connection with the above-cited Public Bidding Project.

Thank you.

Very truly yours,

Authorized Signatory for the Company



Form of Performance Security (Bank Guarantee)

To : Procurement Service
PS Complex, R. R. Road, Cristobal St.,
Paco, Manila

WHEREAS, (Name and Address of Supplier) (hereinafter called "the Supplier")
has undertaken, in pursuance of Purchase Order No. dated to execute
(Name of Contract and Brief Description) (hereinafter called "the Contract");

AND WHEREAS, it has been stipulated by you in the said Contract that the Supplier shall
furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for
compliance with his obligations in accordance with the Contract;

AND WHEREAS, we have agreed to give the Supplier such a Bank Guarantee;

NOW THEREFORE, we hereby affirm that we are the Guarantor and responsible to you, on
behalf of the Supplier, up to a total of [Amount of Guarantee] proportions of currencies in which the
Contract Price is payable, and we undertake to pay you, upon your first written demand and without
cavil or argument, any sum or sums within the limits of [Amount of Guarantee] as aforesaid without
your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Supplier before
presenting us with the demand.

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 you 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 be valid until the date of issue of the Defects of Liability Certificate.

SIGNATURE AND SEAL OF THE
GUARANTOR

NAME OF BANK

ADDRESS

DATE

Three horizontal lines for signature and seal area.

Handwritten mark or signature.

BID SECURING DECLARATION FORM

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

x-----x

BID SECURING DECLARATION Invitation to Bid: *Public Bidding No. 19-007-8*

To: *Procurement Service
PS Complex, R. R. Road, Cristobal St., Paco, Manila*

I/We², 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 Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.
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;

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

- (c) I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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. _____.

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 _____

Republic of the Philippines



Government Procurement Policy Board