

REPUBLIC OF THE PHILIPPINES DEPARTMENT OF BUDGET AND MANAGEMENT GENERAL SOLAND STREET, SAN MIGUEL, MANILA

BIDDING DOCUMENTS FOR THE

SUPPLY, DELIVERY,
INSTALLATION, TESTING, AND
COMMISSIONING OF STRUCTURED
CABLING WITH WIRED AND
WIRELESS NETWORK SOLUTION,
PUBLIC ADDRESS SYSTEM AND IPCCTV FOR THE DBM ARCACHE
BUILDING

PROJECT ID No.: DBM-2019-39

CHECKLIST OF ELIGIBILITY AND TECHNICAL DOCUMENTS FOR SUBMISSION

Class "A" Documents

(1, Department)	(1)	Legal	Documents
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PhilGEPS Registration Certificate (Platinum Membership with Annex A)

Note: If PhilGEPS Platinum Certificate of Registration is not available or the Annex A is not updated, the following shall be submitted, together with the PhilGEPS Certificate of Registration:

- a) SEC/DTI Registration Certificate
- b) Valid and Current Mayor's Pennit
- c) Tax Clearance Certificate
- Latest Audited Financial Statements stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year
- * In case the PhiloEPS Platinum Certificate of Registration is not available during bid submission, it shall be submitted as a post-qualification requirement, in accordance with Section 34.2 of the 2016 Revised IRR of R.A. No. 9184.

(2) Technical Documents

П		tement of all Ongoing Private and Government Contracts, Including attracts Awarded but not yet Started, if any		
L	nati	Statement of Single Largest: Completed Contract, which is similar in nature, within five (5) years from the date of submission and receipt of bids.		
		Photocopy of Single Largest Completed Contract or Purchase Order (at least 50% of the ABC)		
	Π	Certificate of Completion or Acceptance from the Bidder's client or Official Receipt		
	Biđ	Security in any of the following forms:		

- Cash or cashier's/manager's cheek, bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank (2% of the ABC); or
- Surety bond (5% of the ABC) with a Certificate from the Insurance Commission; or
- Bid Securing Declaration

	Compliance with Section VI. Schedule of Requirements		
	Compliance with Section VII. Technical Specifications		
Π	Omnibus Sworn Statement		
	Authority of the Signatory		
(3) Financial Documents			
	Net Financial Contracting Capacity (NFCC) computation or Committed Line of Credit		
Class "B" Docum	<u>tents</u>		
	JVA or the Duly Notarized Statement in accordance with Section 23.1(b) of the 2016 Revised IRR, if applicable		
	ncy between the requirements stated in the Checklist and the cified in the Bidding Documents, the latter shall prevail.		

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Section I. Invitation to Bid



REPUBLIC OF THE PHILIPPINES DEPARTMENT OF BUDGET AND MANAGEMENT

GENERAL SOLANO STREET, SAN MIGUEL, MANILA

INVITATION TO BID

SUPPLY, DELIVERY, INSTALLATION, TESTING, AND COMMISSIONING OF STRUCTURED CABLING WITH WIRED AND WIRELESS NETWORK SOLUTION, PUBLIC ADDRESS SYSTEM AND IP-CCTV FOR THE DBM ARCACHE BUILDING

- 1. The Department of Budget and Management (DBM), through the authorized appropriations under the FY 2019 General Appropriations Act, intends to apply the sum of Twenty Six Million Five Hundred Thousand Pesos (P26,500,000.00) being the Approved Budget for the Contract (ABC) to payments under the contract for the Project, "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building." Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. In view of the failure of the second bidding, the DBM now invites bids for the Project, "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Areache Building." Delivery of the Goods shall be in accordance with the Delivery Schedule under Section VI. Schedule of Requirements. Bidders should have completed, within five (5) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
- 3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, otherwise known as the "Government Procurement Reform Act."
 - Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.
- Interested bidders may obtain further information from the DBM-Bids and Awards Committee (BAC) Secretariat and inspect the Bidding Documents at the address given below during office hours from 9:00 a.m. to 4:00 p.m.

- 5. A complete set of Bidding Documents may be acquired by interested Bidders on September 24, 2019 from the address below and upon payment of a fee in the amount of Twenty Five Thousand Pesos (P25,000.00).
 - It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.
- 6. The DBM will hold a Pre-bid Conference on October 1, 2019, 10:30 a.m., at the BAC Conference Room, Ground Floor, DBM Building III, General Solano St., San Miguel, Manila, which shall be open to all interested parties.
- 7. Bids must be duly received by the BAC Secretariat at the address below on or before October 15, 2019, 9:00 a.m. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in the ITB Clause 18.
 - Bid opening shall be on October 15, 2019, 9:00 a.m., at the BAC Conference Room, Ground Floor, DBM Building III, General Solano St., San Miguel, Manila. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.
- 8. The DBM 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.
- 9. For further information, please refer to:

DBM-BAC Secretariat
BAC Conference Room
Department of Budget and Management
Ground Floor, DBM Building III, General Solano St., San Miguel, Manila
Telefax No. 657-3300 local 3115

Email address: procurement@dbm.gov.ph

ACHILLES GERARD C. BRAVO

Chairperson, DBM-BAC

Section II. Instructions to Bidders

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General

Scope of Bid

- 1.1. The Procuring Entity named in the <u>BDS</u> 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 <u>BDS</u>. 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 <u>BDS</u>, and in the amount indicated in the <u>BDS</u>. It intends to apply part of the funds received for the Project, as defined in the <u>BDS</u>, to cover eligible payments under the contract.

3. Corrupt, Fraudulent, Collusive, and Coercive Practices

- 3.1. Unless otherwise specified in the <u>BDS</u>, 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, noncompetitive 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
 - falsifying, deliberately destroying, altering 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 administrative proceedings relevant to the 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;
- 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;
- (c) 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 <u>BDS</u>, 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 <u>BDS</u>, 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 <u>BDS</u>.

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.

- (c) 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 <u>BDS</u>, 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 <u>BDS</u>, the Bidder may subcontract portions of the Goods to an extent as may be approved by the Procuring Entity and stated in the <u>BDS</u>. 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 <u>BDS</u>. 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.

Contents of Bidding Documents

9. Pre-Bid Conference

- 9.1. (a) If so specified in the <u>BDS</u>, 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 <u>BDS</u> 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.

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 <u>BDS</u>, 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 <u>BDS</u>.

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) Swom 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 <u>BDS</u>, 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 DTl 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 <u>BDS</u>, all bids that exceed the ABC shall not be accepted.
 - (b) Unless otherwise indicated in the <u>BDS</u>, 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:

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- (i) Unless otherwise stated in the <u>BDS</u>, the price of the Goods shall be quoted DDP with the place of destination in the Philippines as specified in the <u>BDS</u>. 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(ics) stated in the <u>BDS</u>. 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 <u>BDS</u>, payment of the contract price shall be made in Philippine Pesos.

17. Bid Validity

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- 17.1. Bids shall remain valid for the period specified in the <u>BDS</u> 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 <u>BDS</u>, 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)
(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	
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.	
(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,	Two percent (2%)
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.	
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%)

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 line, 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 <u>BDS</u>. 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 postqualification 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 scaled 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 <u>BDS</u> 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 scaled 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.

Submission and Opening of Bids

21. Deadline for Submission of Bids

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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 scaled 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 <u>BDS</u>. 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 <u>BDS</u>, 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 <u>BDS</u>, 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
 - (e) 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.

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

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27.1. Unless otherwise stated in the <u>BDS</u>, 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) <u>Completeness of the bid.</u> Unless the <u>BDS</u> 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

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- 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 <u>BDS</u>.

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 postqualification; 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.

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 Error! Reference source not found.

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)
(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	
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.	Five percent (5%)

(b) Bank draft/guarantec irrevocable. letter of issued by Universal a Commercial Bank: Provided. however. that it shall confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank. For biddings conducted by the LGUs. the BankDraft/ Guarantee or Irrevocable Letter of Credit may be issued by other banks certified by the BSP as authorized toissue financial instrument. (c) Surety bond callable upon demand issued by a surety or insurance company Thirty percent (30%) certified by the Insurance Commission as authorized to issue such security.

33.3. Failure of the successful Bidder to comply with the above-mentioned requirement shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security, in which event the Procuring Entity shall 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 the Department of Budget and Management.		
1.2	This bidding shall only have one (1) lot, as follows:		
	"Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Arcache Building."		
2	The Funding Source is:		
	The Government of the Philippines (GOP) through the authorized appropriations under the FY 2019 General Appropriations Act in the amount of Twenty Six Million Five Hundred Thousand Pesos (P26,500,000.00).		
	The name of the Project is "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address System and IP-CCTV for the DBM Areache Building."		
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	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.		
	Bidders shall include in their bids:		
	a photocopy of Single Largest Completed Contract or Purchase Order; and		
	the corresponding proof of completion, which could either be:		
	(i) Certificate of Final Acceptance/Completion from the bidder's client; or		
	(ii) Official Receipt of the bidder covering the full amount of the contract.		
	Failure to submit a copy of the Single Largest Completed Contract with proof of completion is a valid ground for disqualification of the bidder.		
	Similar contract shall refer to Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution.		
7	No further instructions.		

October 1, 2019, 10:30 a.m., at the BAC Conference Room, Ground Floor, DBM Building III, General Solano St., San Miguel, Manila. The Procuring Entity's address is: Department of Budget and Management DBM Bldg. III, General Solano St. San Miguel, Manila 12.1(a) No further instructions. For corporations/partnerships, the following may also be submitted: latest articles of incorporation/partnerships, by-laws, or amendments thereto, duly approved by the Securities and Exchange Commission. If the bidder is not a PhilGEPS Platinum Member, the following shall be submitted: a) SEC/DTI Registration Certificate b) Valid Mayor's Permit c) Tax Clearance Certificate d) Audited Financial Statements stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year In case of recently expired Mayor's/Business permit, it shall be accepted together with its official receipt as proof that the bidder has applied for renewal within the period prescribed by the concerned local government unit, provided that the renewed permit shall be submitted as a post qualification requirement in accordance with Section 34.2 of the IRR of R.A. No. 9184. 12.1(a)(ii) The bidder's SLCC similar to the contract to be bid should have been completed within five (5) years prior to the deadline for the submission and receipt of bids. 12.1(b)(iii) Notarization of this document shall comply with the 2004 Rules on Notarial Practice which limits competent evidence of identity to the following: (i) identification documents issued by an official agency bearing the photograph and signature of the individual (i.e., passport, driver's license, SSS ID, GSIS e-card, etc.); and (ii) the oath of affirmation of one credible witness not privy to the instrument, document or transaction who is personally known to	8.1	Subcontracting is not allowed.			
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13.1 No additional requirements.		instrument, document or transaction who is personally known to the notary public and who personally knows the individual and			
	13.1	No additional requirements.			

13.2	The ABC is Twenty Six Million Five Hundred Thousand Pesos (P26,500,000.00). Any bid with a financial component exceeding this amount shall not be accepted.
15.1	The bidder shall fill in the necessary information and round off rates and prices to the nearest two decimal points.
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 Peso.
16.3	Not applicable.
17.1	Bids will be valid until February 12, 2020.
18.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:
	1. The amount of not less than P530,000.00 [2% of ABC], if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
	2. The amount of not less than P1,325,000.00 [5% of ABC] if bid security is in Surety Bond.
18.2	The bid security shall be valid until February 12, 2020.
20.3	Each Bidder shall submit one (1) original and two (2) duplicate copies of the first and second components of its bid.
21	The address for submission of bids is at the BAC Conference Room, Ground Floor, DBM Building III, General Solano St., San Miguel, Manila.
	The deadline for submission of bids is October 15, 2019, 9:00 a.m.
	Late bids shall not be accepted.
24,1	The place of bid opening is at the BAC Conference Room, Ground Floor, DBM Building III, General Solano St., San Miguel, Manila.
	The date and time of bid opening is October 15, 2019, 9:00 a.m.
24.2	No further instructions.
24.3	No further instructions.
27.1	No further instructions.
28.3(a)	Partial bid is not allowed. The goods are grouped in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.
28.4	No further instructions.

29.2	The following shall be submitted in addition to those specified under Section 29.2 of the GCC:
	Latest Income and Business Tax Returns, filed and paid through the Electronic Filing and Payments System (EFPS), consisting of the following:
	 2018 Income Tax Return with proof of payment; and VAT Returns (Form 2550M and 2550Q) or Percentage Tax Returns (2551M) with proof of payment covering the months from March 2019 to August 2019.
	* In case the PhilGEPS Platinum Certificate of Registration is not available during bid submission, it shall be submitted as a post-qualification requirement, in accordance with Section 34.2 of the 2016 Revised IRR of R.A. No. 9184.
32.4(f)	No additional requirement.
32.4(1)	140 appropriate requirements

Section IV. General Conditions of Contract

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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 <u>SCC</u>.
 - (k) "The Project Site," where applicable, means the place or places named in the SCC.
 - (I) "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 <u>SCC</u>, 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 <u>SCC</u> for GCC Clause 5.1.

6. Scope of Contract

- 6.1. The Goods and Related Services to be provided shall be as specified in Error!

 Reference source not found..
- 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 <u>SCC</u>.

7. Subcontracting

- 7.1. Subcontracting of any portion of the Goods, if allowed in the BDS, does not relieve the Supplier of any hability 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 <u>BDS</u>. 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 <u>SCC</u>, 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 <u>SCC</u>, 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 <u>SCC</u>. 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 <u>SCC</u>, 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.
- 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 <u>SCC</u>.

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 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 <u>SCC</u> 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 <u>SCC</u> 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 Error! Reference source not found..
- 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 resend 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
 - (e) 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) catendar 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 the Department of Budget and Management (DBM).
1.1(i)	The Supplier is
1.1(j)	The Funding Source is:
	The Government of the Philippines (GOP) through the authorized appropriations under the FY 2019 General Appropriations Act in the amount of Twenty Six Million Five Hundred Thousand Pesos (P26,500,000.00).
1.1(k)	The Project Site is:
	Department of Budget and Management General Solano St. San Miguel, Manila.
2.1	No further instructions.
5.1	The Procuring Entity's address for Notices is:
	Department of Budget and Management Ground Floor, DBM Building III, General Solano St. San Miguel, Manila Tel No. (02)657-3300 loc. 3117
	Contact Person: Engr. Argee M. Sta. Barbara OIC-Chief Administrative Service-General Services Division (AS-GSD)
	The Supplier's address for Notices is:
6.2	The delivery schedule as indicated in Section VI. Schedule of Requirements may be modified at the option of the Procuring Entity, with prior due notice, written or verbal, to the Supplier.
10.4	Not applicable.
10.5	Payment using LC is not allowed.
11.3	Maintain the GCC Clause.
13.4(c)	No further instructions.
15	No further instructions.
16.1	The quantity of the Goods delivered to DBM shall be inspected by the AS-GSD. However, inspection and approval as to the acceptability of the Goods vis-à-vis its compliance with the technical specifications and its order and condition, will be done with prior notice, written or verbal, to the authorized representative of the Supplier. The inspection

	will push through as scheduled even in the absence of the Supplier's representative, if the latter was duly notified. In which case, the result of the inspection conducted by the Procuring Entity shall be final and binding upon the Supplier.
17.3	In order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awarded for a minimum period of one (1) year from the date of acceptance of work by the AS-GSD.
17.4	The period of correction of defects shall be made within seven (7) calendar days from either verbal or written notification.
21.1	No additional provision.

Section VI. Schedule of Requirements

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

Item	Description	Quantity	Contract Duration
	The Contractor shall provide the following materials, tools and equipment, manpower, and supervision needed for the project:		
1	Submission of shop drawings for approval of the DBM – Administrative Service		5 days from receipt of NTP
2	Supply, Delivery, Fabrication, and Installation of Structured Cabling with Wired and Wireless Network Solution		
3	Supply, Delivery, Fabrication, and Installation of IP Closed Circuit Television (CCTV) System	1 lot	December 15, 2019
4	Supply, Delivery, Fabrication, and Installation of Public Address System		
5	Rough-in and Restoration Works		November 30, 2019
	Testing and Commissioning		
6	Conduct of project turn-over training		November 15-30, 2019 December 2019
7	Warranty :		One (1) year from acceptance of the Project
	Response time for the repair and replacement of defective parts/unit		Within 4 hours from verbal or written notice from DBM

I hereby certify to comply and deliver all the above requirements.

Name of Company/Bidder	Signature over Printed Name of Representative	Date

Section VII. Technical Specifications

Bidders must state here either "Comply" or any equivalent term in the column "Bidder's Statement of Compliance" against each of the individual parameters of each "Specification."

Item	Specification MATERIALS/EQUIPMENT COMPLIANCE	Bidder's Statement of Compliance
	MAYERIADE CONTLIANCE	
	General Requirements	
	 Expected project/contract output/outcome: Fully functional Network system, CCTV system, and Public Address system completed within industry standard practices (End to End Solution, including licensed software/application). Hence, the contractor shall provide all the necessary materials, equipment, tools, labor, and supervision to complete the project as intended/expected; 	
	The Contractor shall verify all the quantities of materials and equipment needed to complete the project as intended.	
	The Contractor shall be responsible for the accuracy and completeness of all items of work, materials, equipment, tools, and labor which shall be covered in his bid;	
	 In case of missing materials or equipment inadvertently not included in the Schedule of Requirement and Technical Specification, the additional materials/equipment shall be supplied, delivered, installed, fabricated, tested and commissioned by the contractor without additional/extra cost to the DBM; 	
	All materials and equipment shall be compatible with DBM existing Network Solution (integration, manageability and routing);	
	 The Structured Cabling/Network Solution, CCTV and Public Address system shall be stand-alone/separate from each other. Hence, there are no connectivity between the Structured Cabling, Network Solution/Equipment, CCTV system, and Public Address System; 	
	The Contractor shall visit the jobsite to familiarize himself with the existing condition prior to submission of bid;	

- Cabling works shall be tested using certification tool with print out;
- Use only one brand for cabling works;
- The Contractor shall be accredited installer/supplier of the cable brand. A certificate of authorized dealer/installer shall be submitted to the DBM-AS during contract implementation;
- The cost of rough-in, demolition, and restoration works shall be on the account of the contractor;
- All rough-in and demolition works shall be supervised by the General Contractor - Dynamic Builders and Construction Co. (Phils), Inc. (DBCCI) - considering that the Arcache Building is still under their warranty;
- All restoration works shall only be done by DBCCI. Hence, the cabling contractor shall coordinate and pay DBCCI for the supervision and restoration works of all affected areas.
- The contractor must have the following Certified Professionals: (certificates must be submitted in the submission of bid documents and subject for post qualification)
 - a. Manufacturer-Certified IP-CCTV Surveillance Administrator and/or Professional;
 - b. Manufacturer-Certified Network Professional;
 - c. Manufacturer-Certified Network Associate.
- The same IDF/Rack will be used for Data, Voice and IP-CCTV.
- The contractor shall provide training based on the schedule below:

Technical Training	Schedule	No. of Participants	Duration	
Project Turn- over Training	Three (3) Consecutive Days	At least five (5) participants per conduct	One (1) Batch per day	

 The contractor shall issue individual training certificates and training materials for each of the participants. A certificate of acceptance shall be issued by the Director of the Administrative Service. <u>Supply, Delivery, Fabrication, Installation, Testing and Commissioning of Structured Cabling with Wired and Wireless Network Solution</u>

REFERENCE DRAWINGS:

DRAWING NO	TITLE
AUX 01-B OF	VOICE & DATA RISER DIAGRAM
AUX 03-A OF	VOICE & DATA SYSTEM LAYOUT- GROUND FLR
AUX 03-B OF 11	VOICE & DATA SYSTEM LAYOUT- MEZZANINE
AUX 04-A OF 11	VOICE & DATA SYSTEM LAYOUT- SECOND FLOOR
AUX 04-B OF 11	VOICE & DATA SYSTEM LAYOUT – THIRD FLOOR
AUX 03-M ÖF	MISCELLANEOUS DETAILS

- a) Supply and install three (3) empty 63 mm diameter SCH 40, PVC conduits for PLDT, Globe Telecom and Converge from the exterior wall of the Building to the pull boxes and Cabinets allocated for each provider as shown on Drawings AUX 01-B, AUX 03-B and AUX 04-A.
- b) Supply and installation of FO entrance cables from building exterior wall to the Pull Boxes and related Cabinets shall be responsibility of the respective TELCO Service Providers.
- c) Supply and install two (2) multimode FO backbone cables from the Service Provider cabinets thru the Main Distribution Frame at the Mezzanine to the Intermediate Distribution Frame, IDF-G, at the Ground Floor. Perform end to end termination and testing of the FO cables.
- d) Supply and install two (2) 63 mm diameter PVC conduit from IDF-G to the Main Distribution Frame (MDF) located at the Mezzanine Floor Server Room.
- e) Supply and install two (2) multimode FO cables from IDF-G to the Main Distribution Frame. Perform end to end termination and testing of the FO cables.
- Supply and install three (3) 63 mm diameter PVC conduits from the MDF thru two (2) PB-7 boxes located at Mezzanine and Second Floor to Intermediate Distribution Frame 2 (IDF-2). Two (2) of the conduits shall be spare.

- g) Supply and install FO backbone cables from the MDF to IDF-G and from MDF to IDF-2. Perform end to end termination of the cable, including the required testing.
- h) Construct two (2) 300 mm square x 300 deep Hand hole along Nepomuceno corner Solano Street (Grid lines A and 6-8) as shown on Drawing AUX 03-A OF 11. Cut concrete slab, excavate trench and install three (3) 63 mm diameter PVC conduits, including Risers to the Second Floor and down to the MDF at the Mezzanine Floor. Restore surface to match the existing slab and finish after completion of conduit roughing in. Installation of FO cables will be done by DBM at a later date. Contractor shall provide 30 mm diameter nylon pulling rope in each conduit.
- Supply and install two (2) CAT6 plenum UTP cables, 4-pairs 23 AWG from the Server rooms and the respected voice and data outlets beginning Mezzanine to the Third Floor.
- j) Supply, install and terminate 376 duplex voice and data RJ45 modular jack female outlets and associated cover at the rooms from Mezzanine to the Third floor.
- k) Provide and install all the required conduits, boxes and supports (wall and coiling), as required, to complete the raceways system of the structural cabling.
- Perform end to end termination of FO cables including all the required testing, from MDF to IDFs.
- m) Perform all the required testing for the structured cabling.
- n) Submit Shop Drawings for the approval of the Project Manager/Consultant,
- c) Contractor to provide services to obtain the required documentation for the application and approval for the final connection of the communication systems to the respected Telephone Company
- p) Technical specifications of materials are as follows (quantity shall be based on the intention of the plans):

Description	Specification		
Voice and Data Port/outlet, Jack, Modular	Jack, Female, RJ45, Modular, Ethernet 10/100 Base, Cat6, Voice and data		
Plug, modular	UTP Plug, modular, RJ45, CAT6		
Plate, wali	Cat6 two port wall cover plate, mounted on furniture raceway on wall as shown on plans.		
UTP Cables	UTP cable, Cat6, plenum, gray, 23AWG, 4 Pair, Solid Bare Copper, 550MHz, ETL Listed, Unshielded Twisted Pair (UTP),		

	Ethernet Cable	
UTP Patch Cord, 6- feet length	UTP Patch Cord, Cat 6 Ethernet Cable, Snagless Patch, 6 Feet - Snagless, RJ45 Computer LAN Network Cord, Blue	
UTP Patch Cord, 3- feet length	UTP Patch Cord, Cat 6 Ethernet Cable, Snagless Patch, 3 Feet – Snagless, RJ45 Computer LAN Network Cord, Blue	
Power Distribution Unit	1U Rackmount managed Power Strip, network grade.	
	12 outlets (6 front/6 rear), right angle, IEC 320 C13, 15A, 2-pole 3-wire, grounding type receptacles	
	Designed for standard 19-inch wide racks	
	15 ft. cord, IEC 320 C19 Plug; with 20A, 5KA, 230V circuit breaker	
Fiber Optic Cable	8 Fiber Indoor/Outdoor Fiber Optic Cable, Multimode, OM3, 62.5/125, Black, OFNR, 4100 MHz @ 850 nm, including end to end termination from MDF to IDFs.	
Fiber Optic Patch Cord	LC TO LC Fiber Optic Patch Cord, 40 Gb Multimode OM3, MPO to 8xLC Fiber Optic Cable, 50/125 um, 2-meter LG,	
Clean Agent Fire Extinguisher	HCFC 123 with 99.6 - 100% purity, applicable for all classes of fire (ABC) ceiling mounted with steel hangers & brackets.	
Grounding wires	(a) 22 mm ² green insulated conductor, TW, GREEN	
	(b) 25mmØ PVC conduit with hangers	
Ground Rod Copper Clad	16mmØ x 2400mm (L) with ground clamp connector, exothermic process, resistance reading equivalent or less than 25 ohms	
Grounding Terminal Bus @	Ground Bus 25mm x 400mm x 10mm (T) copper with isolated insulator with 20pcs. 8mmØ hole in metal box Ga.16 size	

Scrver Room	200mm (II) x 600mm (I.) x 150mm (D) and removal front cover made of clear plastic 1/4" thick size 550mm (L) x 175mm (H).
Main Distribution Frame @ server room mezzanine	Distribution Rack, slidable, multiples of IU frame, 48 LC Fibers, Sliding Tray, Telescopic Rail
lev e l	Distribution Rack, Steel, adjustable depth, black 28" to 36"x 74" High, 40 RU Complete with horizontal (closed design cover) and Vertical Cable Managers with grounding terminal 6 pcs for #8 wires with surge protected device (SPD).
 Intermediate Distribution Frame	Rack, Open frame, Free Standing, fixed, 32" depth, 74" high 19" wide panels for 1U incremental thickness panels, complete with fixing screws depth, black Complete horizontal (closed design cover) and with Vertical Cable Managers with grounding terminal 6 pcs for #8 wires with surge protected device (SPD).
Patch Panel, fiber optic (Main distribution Frame)	12 ports, Rack mounted, 19" Preloaded Fiber Enclosure, 1U, (12) Duplex LC Pair
Raceway, Rectangular	100mm x 50mm x 2438mm (2"x4"x8") Ga. 22 metal racaway with anti-rust coat and final coat of grey.
Pull boxes, Junction Boxes, & Utility Boxes	Sizes as required, Ga 16 min thickness with anti- rust coat and final coat of grey
24-Port 1U Rack- Mount Cat6/Cat5 Patch Panel	19-inch rackmount ready, Solid 16 Gauge Steel with black paint, 24 Flush Mounted RJ45 ports, 110 type punch down termination (color coded), TIA/EIA 568A and 568B Compliant
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q) Technical specifications of network equipment are as follows (minimum quantity):

Description	Specification	Qıy
Branded and brand riew 12	 Rack-mountable and Stackable Layer 3 switch. 12 x 10 Gigabit Small Form-Factor 	2

ports 10G SFP+ Switch	 Pluggable Plus (SFP+) Two (2) units of long range transceiver SFP-10G-LR per switch Ten (10) units of short range transceiver SFP-10G-SR per switch One (1) unit of Stacking Module per switch Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) Standard 802.1d Spanning Tree support One (1) unit of Stake wise and stack power cables Redundant Hot-swappable Power Supply 	units
Branded and brand new Network Switch	 10/100/1000 48 Ethernet Ports Uplink: 2x10G SFP+ Ports (with SPF+ optic transceiver module SR) Support both IEEE 802.3af Power over Ethernet (PoE) and IEEE 802.3at PoE+ (up to 30W per port) Support maximum 24 ports up to 30W (802.3at PoE!) Support maximum 48 ports up to 15.4W (802.3af PoE) Total available PoE power 740W LAN Base feature set Support FlexStack+ for stacking of up to 8 switches with 80 Gbps of stack throughput 	10 units
Branded and brand new WLAN Controller	 Digital Network Architecture (DNA) Software Defined Access (SD-Access) Wireless a) Enables network access in minutes for any user or device to any application without compromising on security. b) Enables policy-based automation for wired and wireless, automated provisioning of wired and wireless networks, group-based policy for users and connected devices. • DNA Analytics and Assurance a) Enables comprehensive network visibility. Capable to collect data from users, devices, and applications to proactively identify problems. Network analytics and automation to increase availability and deliver a better user experience. Optimized to enable 802.11ac Wave 2 	2 units
	next-generation networks, supporting: a) 20-Gbps throughput b) 1500 access points c) 20,000 clients	

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d)	4096 VLANs	:			
Radio	Frequency (RF) management		٠.		
				į	
-					
b)				‡	
- /	historical information about RF				
	interference affecting network				
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Multin	mode with indoor, outdoor mesh				
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	(adio a) b) b) c) d) e)	interference affecting network performance across controllers, through system wide integration with Cisco Clean Air technology. Multimode with indoor, outdoor mesh access points a) Versatile controller with support for centralized, distributed, and mesh deployments to be used at different places in the network, offering maximum flexibility for medium-sized campus, enterprise, and branch networks. b) Centralized control, management, and client troubleshooting. c) Seamless client access in the event of a WAN link failure (local data switching). d) Highly secure guest access. e) Efficient access point upgrade that optimizes the WAN link utilization. f) Supports corporate wireless service for mobile and remote workers with secure wired tunnels to indoor Cisco Aironet access points supporting Office Extend mode. Comprehensive end-to-end security a) Offers Control and Provisioning of Wireless Access Points (CAPWAP)-compliant Datagram Transport Layer Security (DTLS) encryption on the control plane between access points and controllers across remote WAN links. b) Management frame protection detects malicious users and alerts	a) Proactively identifies and mitigates signal interference for better performance. b) Provides both real-time and historical information about RF interference affecting network performance across controllers, through system wide integration with Cisco Clean Air technology. Multimode with indoor, outdoor mesh increase points a) Versatile controller with support for centralized, distributed, and mush deployments to be used at different places in the network, offering maximum flexibility for medium-sized campus, enterprise, and branch networks. b) Centralized control, management, and client troubleshooting. c) Seamless client access in the event of a WAN link failure (local data switching). d) Highly secure guest access. e) Efficient access point upgrade that optimizes the WAN link utilization. f) Supports corporate wireless service for mobile and remote workers with secure wired tunnels to indoor Cisco Aironet access points supporting Office Extend mode. Comprehensive end-to-end security a) Offers Control and Provisioning of Wireless Access Points (CAPWAP)-compliant Datagram Transport Layer Security (DTLS) encryption on the control plane between access points and controllers across remote WAN links. b) Management frame protection detects malicious users and alerts	a) Proactively identifies and miligates signal interference for better performance. b) Provides both real-time and historical information about RF interference affecting network performance across controllers, through system wide integration with Cisco Clean Air technology. Multimode with indoor, outdoor mesh access points a) Versatile controller with support for centralized, distributed, and mesh deployments to be used at different places in the network, offering maximum flexibility for medium-sized campus, enterprise, and branch networks. b) Centralized control, management, and client troubleshooting. c) Scamless client access in the event of a WAN link failure (local data switching). d) Highly secure guest access. e) Efficient access point upgrade that optimizes the WAN link utilization. f) Supports corporate wireless service for mobile and remote workers with secure wired tunnels to indoor Cisco Aironet access points supporting Office Extend mode. Comprehensive end-to-end security a) Offers Control and Provisioning of Wireless Access Points (CAPWAP)-compliant Datagram Transport Layer Security (DTLS) encryption on the control plane between access points and controllers across remote WAN links. b) Management frame protection detects malicious users and alerts	Radio Frequency (RF) management a) Proactively identifies and mitigates signal interference for better performance. b) Provides both real-time and historical information about RF interference affecting network performance across controllers, through system wide integration with Cisco Clean Air technology. Multimode with indoor, outdoor mesh tocess points a) Versatile controller with support for centralized, distributed, and mesh deployments to be used at different places in the network, offering maximum flexibility for medium-sized campus, cnterprise, and branch networks. b) Centralized control, management, and client troubleshooting. c) Seamless elient access in the event of a WAN link failure (local data switching). d) Highly secure guest access. e) Efficient access point upgrade that optimizes the WAN link utilization. f) Supports corporate wireless service for mobile and remote workers with secure wired tunnels to indoor Cisco Aironet access points supporting Office Extend mode. Comprehensive end-to-end security a) Offers Control and Provisioning of Wireless Access Points (CAPWAP)-compliant Datagram Transport Layer Security (DTLS) encryption on the control plane between access points and controllers across remote WAN links. b) Management frame protection

attacks.

network administrators.
c) Rogue detection for Payment
Card Industry (PCI) compliance.
d) Rogue access/point detection and
detection of denial-of-service

· Fault tolerance and high availability Subsecond access point and client failover for uninterrupted application availability. b) Redundant I Gigabit Ethernet/10 Gigabit Ethernet connectivity. Solid-state device-based storage no moving parts. d) Redundant, hot-swappable power supply. Enhanced system uptime with fast system restarts. Enterprise Wireless Mesh that allows access points to dynamically establish wireless connections without the need for a physical connection to the wired network. WLAN express setup that simplified GUI wizard for quick setup and intuitive dashboards for monitoring and troubleshooting. High-performance video stream technology that optimizes the delivery of video applications across the WLAN. · Mobility, security, and management for IPv6 and dual-stack clients a) Highly secure, reliable wireless connectivity and consistent enduser experience. b) Increased network availability through proactive blocking of known threats. c) Equips administrators for IPv6 planning, troubleshooting, and client traceability. Wired/Switching/Routing a) IEEE 802.3 10BASE-T, JEEE 802.3u 100BASE-TX specification, 1000BASE-T. 1000BASE-SX, 1000-BASE-LH, IEEE 802.1Q VLAN tagging, and IEEE 802.1AX Link Aggregation. Wireless Specifications a) IEEE 802.11a, 802.11b, 802.11g, 802.11d, WMM/802.11c, 802.11h, 802.11n, 802,11k, 802.11r, 802.11a, 802:11w, 802.11ac Wavel and Wave2 Data Request For Comments (RFC) a) RFC 768 UDP b) RFC 791 IP RFC 2460 IPv6 c) d) RFC 792 ICMP RFC 793 TCP e) RFC 826 ARP

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	g) RFC 1122 Requirements for	
1 1 1	Internet Hosts	,
	h) RFC 1519 CIDR RFC 1542	
	воотр	
	i) RFC 2131 DHCP	
	j) RFC 5415 CAPWAP Protocol	-
	Specification	Ì
	k) RFC 5416 CAPWAP Binding for 802.11	
	Security Standards	
	a) IEEE 802.11i (WPA2, RSN)	
	b) RFC 1321 MD5 Message-Digest	
	Algorithm	
	71150.11.111	
	c) RFC 1851 ESP Triple DES	
	Transform	
	d) RFC 2104 HMAC: Keyed	
	Hashing for Message	
	Authentication	
 1	c) RFC 2246 TLS Protocol Version	
	1.0	
	f) RFC 2401 Security Architecture	
	for the Internet Protocol	
	g) RFC 2403 HMAC-MD5-96	
	within ESP and AH	
	h) RFC 2404 HMAC-SHA-1-96	
 	within ESP and AH i) RFC 2405 ESP DES-CBC	
	Cipher Algorithm with Explicit	
	IV	
	j) RFC 2407 Interpretation for	
	ISAKMP	
	k) RFC 2408 ISAKMP	
	i) RFC 2409 IKE	
	m) RFC 2451 ESP CBC-Mode	-
	Cipher Algorithms	
	n) RFC 3280 Internet X.509 PKI	
	Certificate and CRL Profile	
	o) RFC 4347 Datagram Transport	į
	Layer Security	
	p) RFC 5246 TLS Protocol Version	
	1.2 Encryption	}
	a) Wired Equivalent Privacy	
	(WEP) and Temporal Key	}
·	Integrity Protocol-Message	
	Integrity Cheek (TKIP-MIC):	
]]]	RC4 40, 104 and 128 bits (both	
	static and shared keys)	
	b) Advanced Encryption Standard	
	(AES): Cipher Block Chaining	
]	(CBC), Counter with CBC-MAC	
	(CCM), Counter with Cipher	
	Block Chaining Message	
-	Authentication Code Protocol	
]	(CCMP)	

	<u> </u>
	c) Message Authentication Code Protocol (CCMP)
	d) Secure Sockets Layer (SSL) and
† 	Transport Layer Security (TLS):
	RC4 128-bit and RSA 1024-bit
	and 2048-bit
	e) DTLS: AES-CBC
	f) IPsec: DES-CBC, 3DES, AES- CBC
[g) 802.IAE MACsec encryption
	Authentication, Authorization, and
	Accounting (AAA)
	a) REEE 802.1X
	b) RFC 2548 Microsoft Vendor-
	Specific RADIUS Attributes
	c) RFC 2716 PPP EAP-TLS
	d) RFC 2865 RADIUS
<u> </u>	Authentication
	e) RFC 2866 RADIUS Accounting
	f) RFC 2867 RADJUS Tunnel
	Accounting
	g) RFC 2869 RADIUS Extensions
	h) RFC 3576 Dynamic
	Authorization Extensions to RADIUS
	i) RFC 5176 Dynamic
	Authorization Extensions to
! !	RADIUS
	j) RFC 3579 RADIUS Support for EAP
	k) RFC 3580 IÉHE 802.1X
	RADIUS Guidelines
	I) RFC 3748 Extensible
	Authentication Protocol (EAP)
	m) Web-based authentication
	n) TACACS support for
	management users
	Management
	a) Simple Network Management Protocol (SNMP) v1, v2c, v3
	b) RFC 1155 Management
	Information for TCP/IP-Based
	Internets
	c) RFC 1156 MIB
	d) RFC 1157 SNMP
] !	e) RFC 1213 SNMP MTB II
	f) RFC 1350 TFTP
	g) RFC 1643 Ethernet MIB
	h) RFC 2030 SNTP
 	i) RFC 2616 HTTP
]]	j) RFC 2665 Etheraet-Like Interface Types MIB
	k) RFC 2674 Definitions of
	Managed Objects for Bridges
	with Traffic Classes, Multicast
	Filtering, and Virtual Extensions

			1)	RFC 2819 RMON MIB			_	
				RFC 2863 Interfaces Group MIB			•	
				RFC 3164 Syslog				
			n)	RFC 3414 User-Based Security				
				Model (USM) for SNMPv3				
				RFC 3418 MTB for SNMP				
			q)	RFC 3636 Definitions of				
			ļ	Managed Objects for IEEE				
			[802.3 MAUs				
			(1)	Cisco private MIBs				
]			gement Interfaces				
			a)	Web-based: HTTP/HTTPS		1		
			b)	Command-line interface: Secure				
			į.	Shell (SSH) Protocol, serial port				
			• Interfa	ices and Indicators				
			1	2 x 10 Gigabit Ethernet		I		
				interfaces		l		
			hì	Small Form-Factor Pluggable				
			.,,	(SFP)/Small Form-Factor		l		
				Pluggable Plus (SFP+) options		j		
				(only Cisco SFP/SFP+s		!		
				supported), including S-Class				
				Optics.				
				I x service port: 1 Gigabit		[
			c)	Ethernet port (RJ-45)				
			an	1 x redundancy port: 1 Gigabit				
	[u)	Ethernet port (RJ-45)		[
	[- 2	1 x Cisco Integrated	1			
	[e)			}		
				Management Controller port: 10/100/1000 Ethernet]		
						}		
			f)	1 x console port: Serial port (RJ-		1		
] [45)				
	1		g)	LED indicators: Network Link,	}			
				Diagnostics :				
	Branded	and		le radio assignment that allows	As per			
	brand	new		cess points to intelligently	plan			
	Wireless	Access		ine the operating mode of		 		
•	Point			g radios based on the RF				
			1	nment. The access points can				
				e in the following modes:				
			a)	2.4-GHz and 5-GHz mode: One				
	!			radio will serve clients in 2.4-		i		
				GHz mode, while the other				
			-	serves clients in 5-GHz mode.				
			ь)	Dual 5-GHz mode: Both radios				
				inside the access point operate		[
				on the 5-GHz band, maximizing				
				the benefits of 802.11ac Wave 2				
		:		and increasing client device				
			1	capacity.				
			c)	Security Monitoring and 5-GHz				
				mode, One radio will serve 5-				
	1		I	GHz clients, while the other is				
l								
				scanning the full spectrum for				
			-	-				

- Dual 5-GHz radio support that enables both radios to operate in 5-GHz client serving mode, allowing an industryleading 5.2 Gbps (2 x 2.6 Gbps) overthe-air speeds while increasing client capacity.
- Smart antenna connector that provides advanced network design flexibility for high-density and large open-area environments such as auditoriums, libraries, cafeterias, and conference room, allowing two sets of antennas to be connected and active on a single access point.
- Supporting channels up to 160 MHz wide, Dynamic Bandwidth Selection allows the access point to dynamically switch between 20-, 40-, 80-, and 160-MHz channels, depending on the RF channel conditions, providing the industry's best-performing wireless network
- Optimized access point roaming to ensure that client devices associate with the access point in their coverage range that offers the fastest data rate available.
- Zero impact application visibility and control that uses dedicated hardware acceleration to improve the performance of line-speed applications such as Application Visibility and Control.
- Auto link aggregation (LAG) allowing both Gigabit Ethernet interfaces to automatically LAG, increasing overall throughput to the access point.
- Client Link 4.0 technology to improve downlink performance to all mobile devices, including one-, two-, and threespatial-stream devices on 802.11a/b/g/n/ac while improving battery life on mobile devices such as smart phones and tablets.
- Multipole-Input and Multiple-Output (MIMO) equalization capabilities, which optimize uplink performance and reliability by reducing the impact of signal fade. 802.11n version 2.0, 802.11ac Wavel/Wave2 capabilities:
 - a) 4x4 MIMO with three spatial streams
 - b) Maximal Ratio Combining (MRC)
 - c) -802.11n/802.11ag/802.11ac beamforming
 - d) 20-740-780-7160-MHz channels

	A 1013/ day 112	· , , , , , , , , , , , , , , , , , , ,	
	e) PHY data rates up to 450 Mbps (40 MHz with 5 GHz)/1.3 Gbps	·	
	(80 MHz in 5GHz/ 5.2 Ghps.		
	f) Packet aggregation: A-MPDU	!	
	(Tx/Rx), A-MSDU (Tx/Rx)		
	g) 802.11 Dynamic Frequency		
	Selection (DFS)		
	h) Cyclic Shift Diversity (CSD)		
	support		
	• 1.4.10 Integrated antenna, flexible radio		
	(either 2.4 GHz or 5 GHz)		
	a) 2.4 GHz, gain 4 dBi, internal		
	antenna, omnidirectional in	1 1	
	azimuth.		
	b) 5 GHz, gain 6 dBi, internal		
	directional antenna, elevation		
	plane beamwidth 90°.		
	c) Dedicated 5 GHz radio, gain 5		
	dBi, internal antenna,		
	omnidirectional in azimuth.	i I	
	System memory	i I	
	a) 1024 MB DRAM		
	b) 256 MB flash		
	Interfaces and Indicators		
	a) 2x100/1000BASE-T autosensing		
	(RJ-45)		
	b) Management console port (RJ-		
	45) c) USB 2.0 (enabled via future		
	software)		
	d) Status LED indicates boot loader]	
	status, association status,	1 1	
	operating status, boot loader	}	
	warnings, boot loader errors.		
Branded and	+ 2100 Watts/ 3000VA, Input / Output		
Brand new	220V, 2U rack mountable UPS		
Uninterruptable			
Power Supply	LCD status Display that will provide:		
Tower suppry	kcy UPS status at glance		
	Automatic voltage regulation the gives		
	higher application availability by		
	correcting low and high voltage		
	conditions without using the battery		
	Power conditioning that will protect		
	connected loads from surges, spikes,		
	lightning, and other power disturbance		
]	
	Audible alarms to know if the unit is on]	
	battery, if the battery is low or in there		
•	is an overload condition.		
	Resettable circuit breakers that enables a i		
	quick recovery from overload events.		
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- Battery failure notification that will provide early-warning fault on batteries enabling timely preventive maintenance.
 Hot-swappable batteries to ensure
- Hot-swappable batteries to ensure uninterrupted power to protect equipment while batteries are being replaced.
- q) Scope of work for door access control system are as follows (minimum quantity):
 - a. Supply and install conduits, boxes and related supports for the Door Access Control System from the Server Room DACS panel at the Mezzanine Floor to each respected location of door access of Ground thru Third Floors, as shown on the above listed reference drawings.
 - b. At the Ground Floor, DACS conduits and wires shall be homerun to the DACS Panel located at that floor and connected to the IDF at the Server Room, also at the Ground Floor.
 - c. At the Mezzanine, Second and Third Floors, DACS conduits and wires shall be homerun to the DACS Panels located at the Mezzanine and Second Floors and connected to the IDF at the DBM Server Room located at the Mezzanine.
- r) Technical specification for door access control system are as follows (minimum quantity):

Description	Specification	Qty
DACS PANEL /CONTROLLE R	 Unlimited Door Time Zones (20 zones per time zone) 256 User Time Zones 32 One-Time Special Event Door Time Zones (single zone) 50 Door/User Holiday Groups Users; Holds 5,000 cardholders minimum 	19 sets

Events: 5,000 events Minimum Display: - 2 line x 16 character LCD Display - 1 heurtbeat LED - 1 on/offline indication 1.3D - 2 power LEDs - 3 relay output indication LEDs - 3 relay output indication LEDs - 2 reader LEDs - 2 network LEDs Time: - Maintains up to 1 month without power connection - Automatic DST switch Communication: - Between cush controller and Access Centrol Management web server Litherner 10/100 Mbps Power Input: - 1 x RMS Power Over Etherner (PoE) Port - BEE 802.3a*Poot standard (15.4 w) - COMPUTER SERVER, MONTTOR & PRINTER - 16 GB DDR4 2133/2400MHZ memory - 3) 2 Terabyte Solid State Hybrid Drive - 4) PCIe Quad Monitor Video Card 6GB gddr5 - 5) Digital Video Disc Drive DVD-RW 24X SATA - 6) 17" LED Monitor	f · · ——	1			П	
2 line x 16 character LCD Display 1 heartbeat LED 1 on/offline indication 1.JiD 2 power LEDs 3 relay output indication LEDs 2 reader LEDs 2 reader LEDs 2 retwork LEDs Time: Maintains up to 1 month without power connection Automatic DST switch Communication: Between each controller and Access Control Management web server: Ethernet 10/100 Mbps Power Input: 1 x R145 Power Over Ethernet (76E) Port – IEFE 802,3af Poë standard (15.4 W) COMPUTER SERVER, MONITOR & PRINTER 1) 8th generation Intel Core i7 – 3.2 GHZ Processor 2) 16GB DDR4 2133/2400MHZ memory 3) 2 Terabyte Solid State Hybrid Drive 4) PCIe Quad Monitor Video Card 6GB gddr5 5) Digital Video Disc Drive DVD-RW 24X SATA				Events: 5,000 events Minimum		
2 line x 16 character LCD Display 1 heartbeat LED 1 on/offline indication 1.JiD 2 power LEDs 3 relay output indication LEDs 2 reader LEDs 2 reader LEDs 2 retwork LEDs Time: Maintains up to 1 month without power connection Automatic DST switch Communication: Between each controller and Access Control Management web server: Ethernet 10/100 Mbps Power Input: 1 x R145 Power Over Ethernet (76E) Port – IEFE 802,3af Poë standard (15.4 W) COMPUTER SERVER, MONITOR & PRINTER 1) 8th generation Intel Core i7 – 3.2 GHZ Processor 2) 16GB DDR4 2133/2400MHZ memory 3) 2 Terabyte Solid State Hybrid Drive 4) PCIe Quad Monitor Video Card 6GB gddr5 5) Digital Video Disc Drive DVD-RW 24X SATA	+			Display:		
LCD Display I heuribeat LED I on/offline indication 1.BD 2 power LEDs 3 relay output indication LEDs 2 reader LEDs 1 retwork LEDs Time: Maintains up to 1 month without power connection Automatic DST switch Communication: Between each controller and Access Control Management web server: Ethernet 10/100 Mbps Power Input: I x RI45 Power Over Ethernet (PoF) Port – 1EFE 302.34 Pos standard (15.4 W) COMPUTER SERVER, MONITOR & PRINTER 1) 8th generation Intel Core i7 – 3.2 GHZ Processor 2) 16GB DDR4 2133/2400MHZ memory 3) 2 Terabyte Solid State Hybrid Drive 4) PCle Quad Monitor Video Card 6GB gddr5 5) Digital Video Disc Drive DVD-RW 24X SATA	1			:		
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4) PCle Quad Monitor Video Card 6GB gddr5 5) Digital Video Disc Drive DVD-RW 24X SATA						
Card 6GB gddr5 5) Digital Video Disc Drive DVD-RW 24X SATA				1170110 01110		
DVD-RW 24X SATA						
6) 17" LED Monitor						
				6) 17" LED Monitor		

7) USB Keyboard and Mouse 8) 10/100/1000 Gigabit Ethernet 9) Windows 10 Professional 10) Video Management 11) Colored printer DOOR ACCESS BIOMETRIC READER DEVICE 1 Fingerprint: 4000 Face: 2,000 Card: 10,000 Display: 2.8 Inch TFT-LCD Touch Screen Communication: 1 Ethernet, RS 232, RS485, Input and Output, USB Tiost Power 12V DC, 3A power adapter (Can also be powered using PoL splitter) Environment: 1 Operating Temperature: 14° F to 122° F (10° Cto 50° C) Operating Ilumidity: 20% to 80% Dimensions Supported Card Formats ID Card 125 KHz DOOR MAGNETIC SWITCH 1 Energy: 490mA Auto- Sensing 12-24VDC (Base unit, max at 12VDC) Strength: Up to 1,200lbf Holding Force Mode: Fail-Safe Fire-Rated: CANVILC S104 UL 10C 1-1/2-Hour Monitoring: Local & Remote Relay Outputs PDU 1 U Rackmount managedent Sets Sets 8 outlets, IEC 320 C13, 15A, 2- pole: 3-wire, grounding type receptacles						
9) Windows 10 Professional 10) Video Management 11) Colored printer DOOR ACCESS BIOMETRIC READER DEVICE • Fingerprint: 4000 • Face: 2,000 • Card: 10,000 Display: • 2.8 Inch TFT-LCD Touch Screen Communication: • Ethernet, RS 232, R\$485, Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using PoE splitter) Environment: • Operating Itemperature: 14° F to 122° F (-10° C to 50° C) Operating Itempidity: 20% to 80% Dimensions Supported Card Formats ID Card 125 KHz DOOR MAGNETIC SWITCH • Encrgy: 490mA Auto- Sensing 12-24VDC (Base unit, max at 12VDC) • Strength: Up to 1,2001bf Holding Force • Mode: Fail-Safe • Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour • Monitoring: Local & Remote Relay Outputs PDU IU Rackmount managed Power Strip, network grade. 8 outlets, IEC 320 C13, 15A, 2- pole: 3-wire, grounding type	.			7) USB Keyboard and Mouse		
DOOR ACCESS BIOMETRIC READER DEVICE DEVICE Display: - 2.8 Inch TFT-LCD Touch Screen Communication: - Ethernet, RS 232, RS485, Input and Output, USB Host Prower 12V DC, 34 power adapter (Can also be powered using Poli splitter) Environment: - Operating Itumidity: 20% to 80% Dimensions Supported Card Formats ID Card 125 KHz DOOR MAGNETIC SWITCH - Energy: 490mA Auto- Sensing 12-24VDC (Base unit, max at 12VDC) - Strength: Up to 1,200lbf Holding Force - Mode: Fail-Safe - Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour - Monitoring: Local & Remote Relay Outputs PDU 1U Rackmount managed Power Strip, network grade. 8 outlets, IEC 320 C13, 15A, 2- pole 3-wire, grounding type				8) 10/100/1000 Gigabit Ethernet		
DOOR ACCESS BIOMETRIC READER DEVICE - Fingerpriot: 4000 - Face: 2,000 - Card: 10,000 Display: - 2.8 Inch TFF-LCD Touch Screen Communication: - Ethernet, RS 232, RS485, Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using Pol: splitter) Environment: - Operating Temperature: 14° F to 122° F (-10° C to 50° C) Operating Humidity: 20% to 80% Dimensions Supported Card Formats ID Card 125 KHz - Energy: 490mA Auto- Sensing 12-24VDC (Base unit, max at 12VDC) - Strength: Up to 1,200lbf Holding Force - Mode: Fail-Safe - Fire-Rated: CAN/ULC S104 UL 10°C 1-1/2-Hour - Monitoring: Local & Remote Relay Outputs PDU 1U Rackmount managed Power Strip, network grade. 8 outlets, IEC 320 C13, 15A, 2- pole 3-wire, grounding type		,		9) Windows 10 Professional		
DOOR ACCESS BIOMETRIC READER DEVICE * Face: 2,000 - Card: 10,000 Display: * 2.8 Inch TFT-LCD Touch Screen Communication: * Ethernet, RS 232, RS485, Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using PoL: splitter) Environmient: * Operating Temperature: 14° F to 122° F (-10° C to 50° C) Operating Junidity: 20% to 80% Dimensions Supported Card Formats ID Card 125: KHz DOOR MAGNETIC SWITCH DOOR MAGNETIC SWITCH * Energy: 490mA Auto- Sensing 12-24VDC (Base unit, max at 12VDC) * Strength: Up to 1,200lbf Holding Force * Mode: Fail-Safe * Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour * Monitoring: Local & Remote Relay Outputs PDU 1U Rackmount managed Power Strip, network grade. * 8 outlets, IEC 320 C13, 15A, 2- pole 3-wire, grounding type				10) Video Management		
ACCESS BIOMETRIC READER DBVICE • Face: 2,000 • Card: 10,000 Display: • 2.8 Inch TFT-LCD Touch Screen Communication: • Ethernet, RS 232, RS485, Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using Pol: splitter) Environment: • Operating Temperature: 14° F to 122° F (-10° C to 50° C) Operating Ilumidity: 20% to 80% Dimensions Supported Card Formats ID Card 125 KHz DOOR MAGNETIC SWITCH • Energy: 490mA Auto- Sensing 12-24VDC (Base unit, max at 12VDC) • Strength: Up to 1,200lbf Holding Force • Mode: Fail-Safe • Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour • Monitoring: Local & Remote Relay Outputs PDU IU Rackmount managed Power Strip, network grade. 8 outlets, IEC 320 C13, 15A, 2- pole 3-wire, grounding type				11) Colored printer		
BIOMETRIC READER DEVICE • Face: 2,000 • Card: 10,000 Display: • 2.8 Inch TFT-LCD Touch Screen Communication: • Ethernet, RS 232, RS485, Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using Pol: splitter) Environment: • Operating Temperature: 14° F to 122° F (-10° C to 50° C) Operating Ilumidity: 20% to 80% Dimensions Supported Card Formats ID Card 125' KHz DOOR MAGNETIC SWITCH • Energy: 490mA Auto- Sensing 12-24VDC (Base unit, max at 12VDC) • Strength: Up to 1,200lbf Holding Force • Mode: Fail-Safe • Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour • Monitoring: Local & Remote Relay Outputs PDU IU Rackmount managed Power Strip, network grade. 8 outlets, IEC 320 C13, 15A, 2- pole 3-wire, grounding type				Capacity		
2.8 Inch TFT-LCD Touch Screen Communication: Ethernet, RS 232, RS485, Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using Poli splitter) Environment: Operating Temperature: 14° F to 122° F (-10° C to 50° C) Operating Ilumidity: 20% to 80% Dimensions Supported Card Formats ID Card 125′KHz DOOR MAGNETIC Sensing 12-24VDC (Base unit, max at 12VDC) Strength: Up to 1,200lbf Holding Force Mode: Fail-Safe Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour Monitoring: Local & Remote Relay Outputs PDU IU Rackmount managed Power Strip, network grade. 8 outlets, IEC 320 C13, 15A, 2-pole 3-wire, grounding type			BIOMETRIC READER	• Face: 2,000 • Card: 10,000	sets	
Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using PoE splitter) Environment: Operating Temperature: 14° F to 12° F (-10° C to 50° C) Operating Humidity: 20% to 80% Dimensions Supported Card Formats ID Card 125 KHz DOOR Energy: 490mA Auto- Sensing 12-24VDC (Base unit, max at 12VDC) Strength: Up to 1,200lbf Holding Force Mode: Fail-Safe Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour Monitoring: Local & Remote Relay Outputs PDU IU Rackmount managed Power Strip, network grade. 8 outlets, IEC 320 C13, 15A, 2- pole 3-wire, grounding type				2.8 Inch TFT-LCD Touch Screen		
DOOR MAGNETIC Sensing 12-24VDC (Base unit, max at 12VDC) Strength: Up to 1,200lbf Holding Force Mode: Fail-Safe Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour Monitoring: Local & Remote Relay Outputs PDU IU Rackmount managed Power Strip, network grade. 8 outlets, IEC 320 C13, 15A, 2-pole 3-wire, grounding type				Input and Output, USB Host Power 12V DC, 3A power adapter (Can also be powered using PoE splitter) Environment: Operating Temperature: 14° F to 122° F (-10° C to 50° C) Operating Humidity: 20% to		
SWITCH unit, max at 12VDC) Strength: Up to 1,200lbf Holding Force Mode: Fail-Safe Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour Monitoring: Local & Remote Relay Outputs PDU 1U Rackmount managed Power Strip, network grade. 8 outlets, IEC 320 C13, 15A, 2- pole 3-wire, grounding type				• Energy: 490mA Auto-		
PDU 1U Rackmount managed Power 3 Strip, network grade. sets 8 outlets, IEC 320 C13, 15A, 2- pole 3-wire, grounding type				unit, max at 12VDC) Strength: Up to 1,200lbf Holding Force Mode: Fail-Safe Fire-Rated: CAN/ULC S104 UL 10C 1-1/2-Hour Monitoring: Local &	sets	
8 outlets, IEC 320 C13, 15A, 2-pole 3-wire, grounding type			PDU	1U Rackmount managed Power		
				8 outlets, IEC 320 C13, 15A, 2-pole 3-wire, grounding type	3013	

	Designed for standard 19-inch wide racks 15 ft. cord, IEC 320 C19 Plug; with 20A, 5KA, 230V circuit breaker	
UPS	Uninterruptible Power Supply, 1-Kva minimum, Line-Interactive Sine Wave UPS, 2U Rack mounted, Network Card Options, 8 Outlets; IEC 320 C13, 2-pole, 3-wire; LCD Display; 230V, 60Hz input with NEMA 6-20P plug.	1 set

Supply, Delivery, Fabrication, Installation, Testing and Commissioning of IP CCTV System

REFERENCE DRAWINGS:

E BRITTINITES.	
DRAWING NO	TITLE
AUX 02-A OF 11	CCTV RISER DIAGRAM
AUX 06-B OF 11	CCTV, 3 RD FLOOR
AUX 06-A OF 11	CCTV, 2 ND FLOOR
AUX 05-B OF 11	CCTV, MEZZ. FLOOR
AUX 05-A OF 11	CCTV, GROUND FLOOR

- a) Installation of all necessary materials and equipment as per plan
- b) Technical specification for CCTV equipment are as follows (minimum quantity):

Descripti on	Specification	Qty.
Branded and brand new Network Video Recorder (NVR)	 Capable to start the recording in response to situation triggered by motion detection. Supports multiple Video Content Analytics (VCA) events. Must be Open Network Video Interface Forum (ONVIF) compliant (Profile S or G). 	4 units

-							
			Must have a capability to export video				
	•		to various formats (e.g. AVI, MP4,	ļ			
			МЉЕG).				
			Rack-mountable chassis.				
			Up to thirty two (32) units of IP	ļ			
			Camera per NVR can be connected.	l			
			Supports decoding format H.265, No. Company of the Compan	•			
			11.265+, 11.264, 11.264+ and MPEG4	ļ			
			Full channel recording at up to 12MP	!			
			resolution.	ł			
			Should have 2 Gigabit Ethernet	j			
			network interfaces. • Should have VGA and IIDMI video	1			
			interfaces.	l			
			Should have USB 2.0 and USB 3.0	l			
			interfaces.	l			
			Hard Disk Drive (HDD) hot swap	l			
			with RAID0, RAID1, RAID5, RAID6	l			
			and RAID10 storage scheme	ĺ			
			configurable.	l			
			Up to 8 Serial Advanced Technology	l			
			Attachment (SATA) interfaces and 1	l			
			eSATA for HDD connection.	l			
			• Eight (8) x 10 TB Enterprise Grade	l			
			Hard Disk Drive (HDD) for each	l			
			NVR, HDD must be designed to	l			
			ensure seamless video footage capture	l			
			in 24x7 surveillance workloads.	l			
			 AC Input Voltage: 100 - 240 V AC, 	l			
			50 to 60 Hz.				
		Branded	PTZ Camera:	As	per		
		and brand	a) 2MP HD camera that can	plan	-		
		new	provide sharp images even in	F			
		Network	low-light environment	l			
			b) Image Sensor of 1/2.8"	l			
		Outdoor	progressive scan CMOS	l			
		PTZ	e) 10 x optical zoom and 8 x	l			
		Camera	digital zoom	l			
		with 3	d) 1920X1088 (1080p) @ 30	l			
		channels	frames per second (fps)	l			
		panorami	e) 50 meterş IR Range	J			
		e camera	f) Digital Wide Dynamic Range	}			
			g) Support PTZ Linkage				
			Three (3) Channel Panoramic Camera:	l			
			a) 2MP HD camera that can	l			
			provide sharp images even in	l			
			low-light environment				
			b) 1080p Resolution @ 30 fps	i			
			c) Image Sensor of 1/2.8"				
			progressive scan CMOS				
			d) 20 meters IR Range				
			e) Digital Wide Dynamic Range	į			
			 Video Compression: H.265÷, H.265, 				
			11.264+, H.264, MJPEG				
			 Video Bitrate: 256 Kbps to 8192 Kbps 				
		1	3D Digital Noise Reduction	ı		1	

 	!		
Branded and brand new Dome Type IP Camera	 ONVIF compliant (Profile S or G) Weather proof with Ingress Protection (IP) rating 66 Impact Protection (IK) rating 10 12 VDC Power over Ethernet (POE) 802.3at) maximum of 27W 2MP HD camera that can provide sharp images even in low-light environment 1080p Resolution @ 30 fps Video Bitrate: 256 Kbps to 8192 Kbps 2.8 to 12 mm Vari-Focal Lens Video Compression: H.265+, H.265, H.264+, H.264, MJPEG 3D Digital Noise Reduction 30 meters IR Range 120 dB Wide Dynamic Range (WDR) ONVIF compliant (Profile S or G) Weather proof with Ingress Protection (IP) rating 66 Impact Protection (IK) rating 10 12 VDC and Power over Ethernet (PoE) (802.3af) Behavior Analysis: Intrusion detection, Unattended baggage/Object 	As per plan	
Branded and brand new 24 ports Power over Ethernet (POE) Network Switch	 removal detection Rack-mountable Layer 2 switch. 4 x 10 Gigabit Small Form-Factor Pluggable Plus (SFP+) uplinks with transceiver. Twenty-four (24) 10/100/1000 Ethernet Ports. Support both IEEE 802.3af Power over Ethernet (PoE) and IEEE 802.3at PoE+ (up to 30W per port). Perpetual PoE support with a power up to 740W. Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) Standard 802.1d Spanning Tree support 	4 units	
Branded and brand new 12 ports 10G SFP+ Switch	 Should be compatible with DBM existing Network Solution (integration, manageability and routing). Rack-mountable and Stackable Layer 3 switch. 12 x 10 Gigabit Small Form-Factor Pluggable Plus (SFP+) Two (2) units of long range transceiver SFP-10G-LR per switch Ten (10) units of short range transceiver SFP-10G-SR per switch 	2 units	

	 Two (2) units of Stacking Module per switch Support for IEEE 802.3ad Link Aggregation Control Protocol (LACP) Standard 802.1d Spanning Tree support Two (2) units of Stakewise and stackpower cables Redundant Hot-swappable Power Supply Should be compatible with DBM existing Network Solution (integration, manageability and reuting) 		
Branded and brand new 55 inch Digital Signage TV	 routing). Ultra HD Resolution (3840x2160) Brightness: 450cd/m2 Panel Technology: In-Plane Switching (IPS) Internal Memory: 8GB (System 4GB + Available 4GB) Connectivity Input: BDMI /BDCP2.2, DP /HDCP1.3, RGB/DVi HDTV Formats: 720p, 1080i, 1080p, 2160p Power Supply: 100-240V~, 50/60i1z Quick lock push Video Wall Mounting System 	3 units	
Branded and brand new Client Workstati on that are capable to operate 24/7	 8th generation Intel Core i7 - 3.2 GHZ Processor. 16GB DDR4 2133/2400MHz memory. 2 Terabyte Solid State Hybrid Drive. PCIe Quad Monitor Video Card 6GB GDDR5 Digital Video Disc Drive DVD-RW 24X SATA 24" LED Monitor USB Keyboard and Mouse 10/100/1000 Gigabit Ethernet Windows 10 Professional 64 bit Video Management Software 	4 sets	
Branded and brand new Keyboard , Video, Mouse (KVM) Console	 USB KVM cables Standard Keyboard Layout Form Factor: 1U 17" Rackmount J.ED Monitor Graphics display resolution of at least 1366 X 768 On Screen Display (OSD) menu Video – Standard VGA with resolution of at least 1280x1024 WXGA 	l unit	
Other required materials	 Four (4) units of 24 ports Cat6 Rackmountable Patch Panel including the patch cables Four (4) units of 12 ports Fiber Patch Panle with Multi-mode LC couplers 	As per plan	

- One (1) unit of 24 ports
 Rackmountable Fiber Patch Panel
 with LC couplers (Single-mode and Multi-Mode)
- Two (2) units of 2 screen monitor stand.
- Wires/cable and termination such as Fiber Optic Cable (OM3 Multi-Mode, 4-core), HDMI/VGA cables, UTP Cable Category 6, RJ 45, terminal box and keystone jack.
- Roughing-in materials such as cable trays, cable ties, moldings, EMT pipes, connectors, junction boxes, hangers and support.

Supply, Delivery, Fabrication, Installation, Testing and Commissioning of Public Address System

AUX 07-A OF 11	PUBLIC ADDRESS AND
	BACKGROUND GROUND
	FLOOR LAYOUT
AUX 07-B OF 11	PUBLIC ADDRESS AND
	BACKGROUND LAYOUT-
	MEZZANINE FLOOR
	<u> </u>
AUX 08-A OF 11	PUBLIC ADDRESS AND
	BACKGROUND LAYOUT- 2ND
	FLOOR
AUX 08-B OF 11	PUBLÍC ADDRESS AND
	BACKGROUND LAYOUT- 3RD
	FLOOR

- a) Supply and install conduits, boxes and related supports for the PA & BGM systems, from the Server Rooms to the location of each speaker, as shown on the above-listed referenced drawings.
- b) The above listed reference drawings are diagrammatic and do not show all the required conduit/raceway accessories. Contractor is responsible to supply and install all the required Pull and Junction boxes that are necessary to complete the raceway for the PA &BGM system.
- c) Supply and install shielded twisted pair # 16 AWG TF wires from Server Rooms PA & BGM Rack to the location of each speakers as shown on the above referenced corresponding drawings.
- d) Supply and install conduits and wires to interface PA&BGM with the Fire Alarm Control Panel.
- Technical specification for Public Address equipment are as follows (minimum quantity):

Description	Specification	Qıy.
Speaker	• Ceiling Speaker, 6-inch,6W white, Wide-Dispersion Coaxial driver, 140deg. Coverage, 16 Ohm Input, UT-2043	116 pcs
UPS	Smart UPS, 8000 VA, Rack Mounted, LCD, 230 V, 30 min /back-up time	1 set
Amplifier	 System Management amplifier, 360 W/ch, 230V, 60Hz, 	1 set
Extension Amplifier	 System Management extension amplifier, 360 W/ch, 230V, 60Hz, 	1 set
Stereo Player	USB/SD/MMC/CD/FM /Bluctooth Stereo media player	1 set
Monitor Panel	 Monitor Panel Aural/visual monitoring, Channel selector switch, Monitor volume control, Watt meter, Line voltage selector switch, 25 V (625 Ω), 50 V (2.5 kΩ), 70 V (5 kΩ), 100 V (10 kΩ) switchable, rack mounted, 230V, 60Hz 	I set
Volume Control , Paging Console	Microphone, Paging Desktop, with push-Talk/Lock Button	1 set
Remote Microphone	Remote Microphone	1 set

Notes: The ocular site visit is scheduled after the Pre-bid conference. Non-Disclosure Agreement will be provided to the prospective bidder during the Pre-bid conference.

I hereby certify to comply with all the above Technical Specifications.

	•	
Name of Company/Bidder	Signature over Printed Name of Representative	Date

Section VIII. Bidding Forms

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STATEMENT OF SINGLE LARGEST COMPLETED CONTRACTS WHICH IS SIMILAR IN NATURE	
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Bid Form

Date:	
Invitation to Bid No.:	DBM-2019-39

To: [name and address of Procuring Entity]

Gentlemen and/or Ladies:

Having examined the Bidding Documents including Bid Bulletin Numbers *[insert mumbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to the DBM, our services for the Project, "Supply, Delivery, Installation, Testing, and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address and IP-CCTV for the DBM Arcache Building" in conformity with the said Bidding Documents for the sum of *[total Bid amount in words and figures]*.

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 <u>BDS</u> 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 "Supply, Delivery, Installation, Testing and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address and IP-CCTV for the DBM Areache Building" of the Department of Budget and Management [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 the Supply, Delivery, Installation, Testing and Commissioning of Structured Cabling with Wired and Wireless Network Solution, Public Address and IP-CCTV for the DBM Areache Building of the Department of Budget and Management.

_	_	ch and every page of this Bid Form, including bund for the rejection of our bid.	the
Dated this	day of	20	
[Signature]		[In the capacity of]	
Duly authorized to sign	n Bid for and on be	half of	

For Goods Offered From Within the Philippines

Name of Bidder	. Invitation to Bid Number _	. Page of .

1	2	3	4	5	6	7	8	9	10
Rem	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and Insurance and all other : costs incidental to delivery, per .	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5÷6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
					item				

[signature]	[in the capacity of]
Duly authorized to sign Bid for and or	behalf of

Statement of Single Largest Completed Contract which is Similar in Nature

(indicate only one)

Business Name	:		:		
Business Addre	ess:		1		
			i !		
Name of Client/Contact Person/Contact Number/Contact Email Address	Date of the Contract	Kinds of Goods	Amount of Contract	Date of Delivery	End User's Acceptance or Official Receipt(s) Issued for the Contract
					·
			i :		
Submitted by :	(Printe	d Name and Si	gnature)		
Designation :			:		
Date :			:		
Y			•		
Instructions:			:		

- a. Cut-off date is October 15, 2019.
- b. Similar contract shall refer to the supply, delivery, installation, testing, and commissioning of Structured Cabling with Wired and Wireless Network Solution.

Statement of all Ongoing Government and Private Contracts Including Contracts Awarded but not yet Started

Business Name:		:		
Business Address:		•	<u> </u>	
Name of Client/Contact Person/Contact Number/Contact Email Address	Date of the Contract	Kinds of Goods	Value of Outstanding Contracts	Date of Delivery
Government		:		
		:		i
		<u> </u>		
Private				
				<u> </u>
Submitted by :	(Printed Name	and Signature)		
Date :		:		

Instructions:

- i. 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 being bidded) prior to October 15, 2019.
- If there is no ongoing contract including those awarded but not yet started as of the aforementioned period, state none or equivalent term.
- iii. 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).

Contract Agreement Form

THIS AGREEMENT made the	day of	20	_ between [name of
PROCURING ENTITY] of the Philippines	s (hereinafter cal	led "the Entity"]	of the one part and
[name of Supplier] of [city and country of	<i>f Supplier]</i> (here	inafter called "t	he 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 hereton accordance with the laws of the Republic of twritten.		
Signed, sealed, delivered by	_ the	(for the Entity)
Signed sealed delivered by	fhe	(for the Supplier)

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];

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 doly authorized representative(s) to verify all the documents submitted;

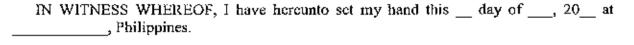
6. Select one, delete the rest:

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;
 - 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].
- [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.



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
!

^{*} This form will not apply for WB funded projects.

Bank Guarantee Form for Advance Payment

[name and address of PROCURING ENTITY] To: [name of Contract] Gentlemen and/or Ladies: In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 10 of the General Conditions of Contract to provide for advance payment, [name and address of Supplier] (hereinafter called the "Supplier") shall deposit with the PROCURING ENTITY a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of famount of guarantee in figures and words]. We, the [bank or financial institution], as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the PROCURING ENTITY on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding [amount of guarantee in figures and words]. We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the PROCURING ENTITY and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification. This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until [date]. Yours truly, Signature and seal of the Guarantors [name of bank or financial institution] [address] [date]

BID SECURING DECLARATION FORM

REPUBLIC OF THE PHILIPPINES)		
CITY OF		
Y		

BID SECURING DECLARATION Invitation to Bid: DBM-2019-39

Yo: [Insert name and address of the Procuring Entity]

I/We¹, 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.
- I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
 - (c) I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

 $^{^{1}}$ Select one and delete the other. Adopt the same instruction for similar terms throughout the document,

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
CHECODERN AND CWODN	to before me this day of [month] [year] at [place
of execution]. Philippines. Affiant/s is/ by me through competent evidence of Practice (A.M. No. 02-8-13-SC). Affian	fare personally known to me and was/were identified identity as defined in the 2004 Rules on Notariant/s exhibited to me his/her [insert type of government photograph and signature appearing thereon, with no
Witness my hand and seal this _	day of [month] [year].
	: : :
	NAME OF NOTARY PUBLIC
	Scrial No. of Commission Notary Public for until
	Rolf of Attorneys No
	PTR No [date issued], [place issued] IBP No [date issued], [place issued]
Doc. No	! :
Page No Book No	•
Series of	:

