

PHILIPPINE BIDDING DOCUMENTS

CONSTRUCTION OF CSIS OFFICE BUILDING AT SANGLEY AIRPORT

Government of the Republic of the Philippines

**Sixth Edition
July 2020**

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Infrastructure Projects (hereinafter referred to also as the “Works”) through Competitive Bidding have been prepared by the Government of the Philippines for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or -controlled corporations, government financial institutions, state universities and colleges, local government units, and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

The PBDs are intended as a model for admeasurements (unit prices or unit rates in a bill of quantities) types of contract, which are the most common in Works contracting.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract; (ii) the eligibility requirements of Bidders; (iii) the expected contract duration; and (iv) the obligations, duties, and/or functions of the winning Bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Works to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Infrastructure Projects. However, they should be adapted as necessary to the circumstances of the particular Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, BDS, General Conditions of Contract, Special Conditions of Contract, Specifications, Drawings, and Bill of Quantities are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.
- d. The cover should be modified as required to identify the Bidding Documents as to the names of the Project, Contract, and Procuring Entity, in addition to date of issue.

- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

CDA – Cooperative Development Authority.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

Contractor – is a natural or juridical entity whose proposal was accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded. Contractor as used in these Bidding Documents may likewise refer to a supplier, distributor, manufacturer, or consultant.

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

Foreign-funded Procurement or Foreign-Assisted Project – Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PCAB – Philippine Contractors Accreditation Board.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid

Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria.

The IB should be incorporated into the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



Invitation to Bid for Construction of CSIS Office Building at Sangley Airport Bid No. PL-POI-03-2023

1. The *Civil Aviation Authority of the Philippines*, through the *CAAP Corporate Budget CY 2023* intends to apply the sum of **TWO MILLION SIX HUNDRED FORTY THOUSAND PESOS (P2,640,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for **CONSTRUCTION OF CSIS OFFICE BUILDING AT SANGLEY AIRPORT Bid No. PL-POI-03-2023**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The *Civil Aviation Authority of the Philippines* now invites bids for the above Procurement Project. Completion of the Works is required **Ninety (90) Calendar Days including Ten (10) rainy/unworkable days**. Bidders should have completed 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 non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from Civil Aviation Authority of the Philippines, Plaridel Bulacan and inspect the Bidding Documents at the address given below from 8am – 5pm MONDAY to FRIDAY.
5. A complete set of Bidding Documents may be acquired by interested bidders on *November 6, 2023* from given address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of *Five Thousand Pesos (P5,000.00) exclusive of tax*. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person, by facsimile, or through electronic means.
6. The *Civil Aviation Authority of the Philippines* will hold a Pre-Bid Conference¹ on *November 13, 2023, 10:00am* at Plaridel Bulacan and/or through videoconferencing/webcasting *via Zoom*, which shall be open to prospective bidders
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below on or before *November 27, 2023, 9:00am*. Late bids shall not be accepted.

¹ May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a pre-bid conference.

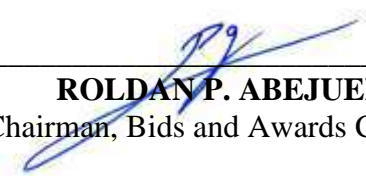


8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.
9. Bid opening shall be on *November 27, 2023, 10:00am* at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The *Civil Aviation Authority of the Philippines* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

Civil Aviation Authority of the Philippines
MICHAEL LOUIE ANGELO I. RODRIGUEZ
BAC Secretariat Head
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
0385 Lumang Bayan, Plaridel Airport, Plaridel Bulacan
Email: areacenter3_bac@caap.gov.ph
Tel No.: 044-794-7071

12. You may visit the following websites:

For downloading of Bidding Documents: *www.caap.gov.ph*


ROLDAN P. ABEJUELA
Chairman, Bids and Awards Committee



Section II. Instructions to Bidders

Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.



1. Scope of Bid

The Procuring Entity, Civil Aviation Authority of the Philippines invites Bids for the Construction of CSIS Office Building at Sangley Airport, with Project Identification Number *PL-POI-03-2023*.

The Procurement Project (referred to herein as “Project”) is for the construction of Works, as described in Section VI (Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for CAAP Corporate Budget CY 2023 in the amount of **TWO MILLION SIX HUNDRED FORTY THOUSAND PESOS ONLY (P2,640,000.00)**.

2.2. The source of funding is GOCC’s, the Corporate Operating Budget.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manual and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or invitation to bid by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.



5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be “similar” to the contract to be bid if it has the major categories of work stated in the **BDS**.

- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated Goods

There is no restriction on the origin of Goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN.

7. Subcontracts

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than fifty percent (50%) of the Project.

The Procuring Entity has prescribed that:

- a. Subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address {[insert if applicable]} and/or through videoconferencing/webcasting} as indicated in paragraph 6 of the **IB**.



9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents Comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which 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. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.
- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

11. Documents Comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.



- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Alternative Bids

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

13. Bid Prices

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

14. Bid and Payment Currencies

- 14.1. Bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 14.2. Payment of the contract price shall be made in:
 - a. Philippine Pesos.

15. Bid Security

- 15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 15.2. The Bid and bid security shall be valid until *December 31, 2023*. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.



16. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission to the given website or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

17. Deadline for Submission of Bids

The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

18. Opening and Preliminary Examination of Bids

18.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

18.2. The preliminary examination of Bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

19.1. 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 conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.

19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** 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 Security as



required by **ITB** Clause 15 shall be submitted for each contract (lot) separately.

- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS), and other appropriate licenses and permits required by law and stated in the **BDS**.

21. Signing of the Contract

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

Notes on the Bid Data Sheet (BDS)

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

Bid Data Sheet

ITB Clause	
3.0	<p>Certificate of Site Inspection (<i>Annex “B” Form I</i>) duly signed by Mr. Glenn D. Tripulca, Civil Aviation Area Manager, Area III or his duly authorized representative, is required to be submitted.</p> <p>This shall include all of the following documents as attachment to the Certificate of Site Inspection and shall form part of the bidder’s technical documents:</p> <ul style="list-style-type: none"> a) Copy of company ID of the person who conducted the site inspection; b) Copy of the airport/facility visitor’s logbook;& c) Picture of the proposed site including the personnel who conducted the site inspection together with the Airport Manager/Officer in Charge or his duly authorized representative. <p>Bids not complying with the above instruction shall be disqualified.</p>
5.2	<p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <p>“Building Construction/Improvement/ Rehabilitation/ Repair” or</p>
7.1	<p>Subcontracting is not allowed.</p>
10. 1	<p>Bidder shall submit all eligibility and technical documents as specified in Section X. Checklist of Technical and Financial Documents:</p> <p>Class “A” Documents <u>Legal Documents</u></p> <ul style="list-style-type: none"> a Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages); or b. Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document; and c. Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas; and d. Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR); and

In connection to GPPB Circular 07-2017 dated 31 July 2017, the bidder shall have the following options:

Submit the Certificate of PhilGEPS Registration and Platinum Membership including its Annex "A" in lieu of the uploaded Class "A" Eligibility Documents identified in Section 8.5.2 of the Revised Implementing Rules and Regulations of Republic Act 9184 (Revised IRR of RA 9184), provided that all Class "A" Eligibility Documents listed under the aforesaid Annex "A" are all uploaded and maintained current and updated in the PhilGEPS Registry.

2. *Submit a combination of the PhilGEPS Registration and Platinum Membership including its Annex "A" and Class "A" Eligibility Documents identified in Section 8.5.2 of the Revised IRR of RA9184.*
 - *In the event that aforesaid Class "A" Eligibility Document(s) listed in the Annex "A" of the PhilGEPS Registration and Platinum Membership is/are reflected to be outdated, the bidder shall submit such current and updated Class "A" Eligibility Document(s).*
3. *Submit all the Class "A" Eligibility Documents only, provided that the PhilGEPS Registration and Platinum Membership shall be submitted as a Post-Qualification requirement in accordance with Section 34.2 of the Revised IRR of RA9184.*

Technical Documents

- e. Statement of the prospective bidder 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. (*Annex "A" Form 1*); and
- f. Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules. (*Annex "A" Form 2*); and
- g. Philippine Contractors Accreditation Board (PCAB) License; or Special PCAB License in case of Joint Ventures; and registration for the type and cost of the contract to be bid; and Joint Resolution (*Annex "A" Form 3*); and
- h. Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; or Original copy of Notarized Bid Securing Declaration (*Annex "B" Form 2*); and
- i. Project Requirements, which shall include the following:

	<p>1. Organizational chart for the contract to be bid (<i>Annex “B” Form 3</i>); and</p> <p>List of contractor’s key personnel (<i>e.g.</i>, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data (<i>Annex “B” Form 4, 5a, 5b & 5c</i>); and</p> <p>3. List of contractor’s major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be (<i>Annex “B” Form 6</i>); and</p> <p>j. Original duly signed Omnibus Sworn Statement (OSS) (<i>Annex “B” Form 7</i>); and if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder; and</p> <p>This shall include all of the following documents as attachment to the Omnibus Sworn Statement:</p> <ol style="list-style-type: none"> 1. Certification, under oath, attesting that they have no pending case(s) against the Government, in addition to the eligibility requirements as prescribe under the 2016 Revised Implementing Rules and Regulation (R-IRR) of RA No. 9184; and 2. Legal Clearance to be issued by the CAAP Enforcement and Legal Service with respect to the non-pending cases of the prospective bidders against this Authority; and 3. Bid Bulletins (if applicable); and <p>k. Certificate of Site Inspection (<i>Annex “B” Form 1</i>) duly signed by Mr. Glenn D. Tripulca, Civil Aviation Area Manager, Area III or his duly authorized representative; and</p> <p>This shall include all of the following documents as attachment to the Certificate of Site Inspection:</p> <ol style="list-style-type: none"> a) Copy of company ID of the person who conducted the site inspection; and b) Copy of the airport/facility visitor’s logbook; and c) Picture of the proposed site including the personnel who conducted the site inspection together with the Airport Manager/Officer in
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	<p>Charge or his duly authorized representative: and</p> <p><u>Financial Documents</u></p> <p>l. The prospective bidder’s audited financial statements, showing, among others, the prospective bidder’s total and current assets and liabilities, stamped received by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; and</p> <p>m. The prospective bidder’s computation of Net Financial Contracting Capacity(NFCC).</p> <p>Class “B” Documents</p> <p>n. If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence; or duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.</p> <p>Bids not complying with the above instruction shall be disqualified.</p>																				
10.3	<p>Valid PCAB License or Special PCAB License in case of Joint Ventures, and Registration (<i>Small B, License Category C & D for vertical works - Building and Industrial Plant</i>) for the type and cost of the contract to be bid.</p> <p>Bids not complying with the above instruction shall be disqualified.</p>																				
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p>																				
	<table><tr><td><u>Key Personnel</u></td><td><u>General Experience</u></td><td><u>Relevant Experience</u></td></tr><tr><td>(1) Site Engineer</td><td>Five (5) years in</td><td rowspan="5">Five (5) years in vertical structures</td></tr><tr><td>(1) Construction Foremen</td><td>General</td></tr><tr><td>(2) Mason</td><td>Engineering</td></tr><tr><td>(2) Carpenter</td><td></td></tr><tr><td>(2) Electrician</td><td></td></tr><tr><td>(3) Welder</td><td></td><td></td></tr><tr><td>(2) Aircon Technician</td><td></td><td></td></tr></table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	(1) Site Engineer	Five (5) years in	Five (5) years in vertical structures	(1) Construction Foremen	General	(2) Mason	Engineering	(2) Carpenter		(2) Electrician		(3) Welder			(2) Aircon Technician		
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10.5	<p>The minimum major equipment requirements are the following:</p> <table><tr><td><u>Equipment</u></td><td><u>Capacity</u></td><td><u>Number of Units</u></td></tr><tr><td>One-bagger Concrete Mixer</td><td></td><td></td></tr><tr><td>Concrete Vibrator</td><td></td><td></td></tr><tr><td>Welding Machine, 200Amp</td><td></td><td></td></tr><tr><td>Cut off Machine inclusive 5 blades</td><td></td><td></td></tr><tr><td>Cutting Torch</td><td></td><td></td></tr></table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	One-bagger Concrete Mixer			Concrete Vibrator			Welding Machine, 200Amp			Cut off Machine inclusive 5 blades			Cutting Torch				
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11.1	<p>The discounts stated in the Financial Bid Form shall be computer written with the same font style and size as of the whole text of the said Form.</p> <p>Discounts that are either handwritten, type written or computer written</p>																				

	<p>in other font style and size shall not be considered.</p> <p>The second bid envelope shall contain the financial documents for the Bid as specified in Section X. Checklist of Technical and Financial Documents.</p> <p>This shall include the complete accomplishment of all of the following documents as stated and required under Section VIII of this PBD and shall form part of the bidder's financial documents:</p> <ul style="list-style-type: none"> a) Original of duly signed and accomplished Financial Bid Form; and b) Bill of Quantities (<i>Annex "C" Form 1</i>); and c) Summary of Bid Proposal (<i>Annex "C" Form 2</i>); and d) Bill of Materials & Cost Estimates (<i>Annex "C" Form 3</i>); and e) Summary Sheet indicating the Unit Prices of Construction Materials, Labor Rates, and Equipment Rentals used in coming up with the Bid (<i>Annex "C" Form 4, 5 & 6</i>); and f) Cash Flow by Quarter and Payment Schedule (<i>Annex "C" Form 7</i>) <p>Bids not complying with the above instruction shall be disqualified.</p>
11.2	a. Bid exceeding the ABC of the project shall be disqualified.
12.0	No further instructions.
15.1	<p>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:</p> <ul style="list-style-type: none"> a. The amount of not less than Php 52,800.00 (2% of ABC), if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; b. The amount of not less than Php 132,000.00 (5% of ABC) if bid security is in Surety Bond.
16	<p>1. Each and every page thereof shall be initialed/signed by the duly authorized representative/s of the Bidder.</p> <p>Submitted Eligibility, Technical and Financial documents shall be properly marked with index tabs (ear tab) and must be sequentially paginated in accurate order in the form i.e. page 3 of 100. Page number of last page of the document (per envelope basis).</p> <p>Pagination should be sequential based on the entire span of the whole documents inside the envelope.</p> <p>Bids not complying with the above instructions shall be automatically disqualified.</p> <p>Each Bidder shall submit one (1) original and two (2) copies of the first and</p>

	second components of its bid.
19.2	Partial bid is not allowed. The infrastructure project is packaged in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.
20	<p>The Bidder with the Lowest Calculated Bid (LCB) that complies with and is responsive to all the requirements and conditions shall submit its</p> <ul style="list-style-type: none"> a) Latest income and business tax returns filed through the Electronic Filing and Payment System(EFPS); b) Business licenses and permits required by law (Registration Certificate, Mayor's Permit, Tax Clearance & PCAB License); c) Latest Audited Financial Statements; and d) Key personnel licenses <p>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, that 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.</p>
21	<p>The following relevant project documents are required to be submitted by the successful bidder who submitted the LCRB as part of the Contract Agreement during its signing:</p> <ul style="list-style-type: none"> a) Construction schedule b) Bar Chart & S-curve c) PERT/CPM Network Diagram d) Manpower schedule e) Construction methods f) Equipment utilization schedule <p>Construction safety & health programs approved by the Department of Labor & Employment</p>

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Contractor, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

1. Scope of Contract

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. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

2. Sectional Completion of Works

If sectional completion is specified in the **Special Conditions of Contract (SCC)**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

3. Possession of Site

3.1 The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.

3.2 If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. The Contractor's Obligations

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB** Clause 10.3 and specified in the **BDS**, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

5. Performance Security

- 5.1. 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 of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

6. Site Investigation Reports

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the **SCC** supplemented by any information obtained by the Contractor.

7. Warranty

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the **SCC**.

8. Liability of the Contractor

Subject to additional provisions, if any, set forth in the **SCC**, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Contractor is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

9. Termination for Other Causes

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in **ITB** Clause 4.

10. Dayworks

Subject to the guidelines on Variation Order in Annex “E” of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the **SCC**, the Dayworks rates in the Contractor’s Bid shall be used for small additional amounts of work only when the Procuring Entity’s Representative has given written instructions in advance for additional work to be paid for in that way.

11. Program of Work

11.1. The Contractor shall submit to the Procuring Entity’s Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the **SCC**.

11.2. The Contractor shall submit to the Procuring Entity’s Representative for approval an updated Program of Work at intervals no longer than the period stated in the **SCC**. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

12. Instructions, Inspections and Audits

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor’s accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

13. Advance Payment

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the **SCC**, subject to the requirements in Annex “E” of the 2016 revised IRR of RA No. 9184.

14. Progress Payments

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity’s Representative/Project Engineer. Except as otherwise stipulated in the **SCC**, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

15. Operating and Maintenance Manuals

- 15.1. If required, the Contractor will provide “as built” Drawings and/or operating and maintenance manuals as specified in the **SCC**.
- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity’s Representative’s approval, the Procuring Entity’s Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Works procured. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

Special Conditions of Contract

GCC Clause	
2	Not applicable.
3.1	The CIVIL AVIATION AUTHORITY OF THE PHILIPPINES shall give possession of all parts of the Site to the Contractor upon receipt of the Notice to Proceed.
6	None
7.2	In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures: Fifteen (15) years.
10	a. No dayworks are applicable to the contract.
11.1	Not applicable
11.2	Not applicable
13	The amount of the advance payment shall not exceed 15% of the total contract price. However, as per Department of Transportation (DOTr) Policy, Procuring Entity will not give advance payment to contractors.
14	No further instructions.
15.1	<p>The date by which operating and maintenance manuals are required is upon completion of the project</p> <p>The date by which as built drawings are required is upon completion of the project.</p> <p>PDF/AutoCAD File of the as built plans shall include as attachment to the required hard copy of the same upon completion of the project.</p>
15.2	The amount to be withheld for failing to produce “as built” drawings and/or operating and maintenance manuals by the date required is two percent (2.00%) of the Contract price.

Section VI. Specifications

Notes on Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying or conditioning their Bids. In the context of international competitive bidding, the specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of economy, efficiency, and fairness in procurement be realized, responsiveness of Bids be ensured, and the subsequent task of bid evaluation facilitated. The specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of specifications from previous similar projects are useful in this respect. The use of metric units is mandatory. Most specifications are normally written specially by the Procuring Entity or its representative to suit the Works at hand. There is no standard set of Specifications for universal application in all sectors in all regions, but there are established principles and practices, which are reflected in these PBDs.

There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors, such as highways, ports, railways, urban housing, irrigation, and water supply, in the same country or region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials, and equipment commonly involved in construction, although not necessarily to be used in a particular Works Contract. Deletions or addenda should then adapt the General Specifications to the particular Works.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for goods, materials, and workmanship, recognized international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that goods, materials, and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the SCC.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national, or relate to a particular country or region, other authoritative standards that ensure a substantially equal or higher quality than the standards and codes specified will be

accepted subject to the Procuring Entity's Representative's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Procuring Entity's Representative at least twenty-eight (28) days prior to the date when the Contractor desires the Procuring Entity's Representative's consent. In the event the Procuring Entity's Representative determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.

These notes are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final Bidding Documents.

Name of Project : **Construction of CSIS Office Building at Sangley Airport**
Location : Sangley Airport, Sangley Point, Cavite City
Duration : Ninety (90) Calendar Days inclusive of Ten (10) rainy/unworkable days
Source of Funds : CAAP Corporate Budget CY 2023

SCOPE OF WORK

I. GENERAL

The contractor shall furnish, labor, materials and equipment to complete the **Construction of CSIS Office Building at Sangley Airport**.

II. LOCATION OF PROJECT

The Contract to be bid is located at **Sangley Airport, Sangley Point, Cavite City**.

III. SCOPE OF WORK

The project covers the supply of labor, materials and equipment necessary for the **Construction of CSIS Office Building at Sangley Airport** which shall be done in accordance with the approved plans and specifications.

SPL-I MOBILIZATION/DEMOBILIZATION

This work includes mobilization and demobilization of the contractor's personnel and equipment necessary for performing the work required under the contract.

- a. Mobilization shall include all activities and associated costs for transportation of the contractor's personnel, equipment, and the establishment of offices and other necessary facilities for the contractor's operations at the site.
- b. Demobilization shall include the disassembly of offices and other facilities on the site, as well as the removal and hauling of debris and rubbish materials.

I. CIVIL/STRUCTURAL WORKS

1.01 Site Works

The work includes all materials, labor, equipment for leveling and clearing the construction site and all other operations to complete the Excavation (including septic tank)/Embankment/Backfilling/Gravel bedding of covered area as indicated on the plans.

1.01a Inspection

No pouring of concrete shall be done by the contractor unless the bearing surfaces has been inspected and approved by Engineer, and the authority to proceed has been received by the contractor.

1.01b Utilities

The contractor shall protect and maintain all conduits, drains, sewer pipes and other utility services that are to remain on the property.

1.02 Concrete Works

The work includes all materials, labor and equipment for the construction of footings, columns, beams, wall footings and slab of covered area including cut, bend & place of reinforced steel bars and formworks & scaffolding as specified on the plans.

A. Standard Specifications and Codes

The work covered by this section unless otherwise specified or detailed, shall be governed by the Building Code requirements for Reinforced Concrete (ACI 318), Standard code for ARC, Gas welding society. The latest edition of all standards specifications or codes will be used.

B. Coordination

The concrete work shall be coordinated with the work of trades to allow reasonable time to set sleeves, Inserts and other accessories which must be in position before concrete bases and pads of mechanical equipment shall be placed to comply with approved shop drawings for the equipment.

1.02.a Material Requirements

1.02a.1 Portland Cement

Portland Cement shall conform to the requirements of ASTM C-150 Type for normal Portland Cement; Type III for Highly Early Strength Portland Cement. Cement shall be any standard commercial brand in 40 kgs per bag.

1.02a.2 Fine Aggregates

Sand shall be clean, hard, coarse river sand or crush sand free from injurious amount of clay and vegetable matter shall conform to ASTM C-33 or C-330.

1.02a.3 Coarse Aggregate

Gravel shall be river run gravel or broken stone. The maximum size shall be 1/5 of the nearest dimension between sides of forms of the concrete, or 3/4 of the minimum clear spacing between reinforcing bars, or between re-bars and forms whichever is smaller.

1.02a.4 Mixing Water

Water used in mixing concrete shall be clean and free from injurious amount of oils, acids, alkali, organic materials or other deleterious substances.

1.02a.5 Admixture

All air-entraining admixtures if used, shall conform to ASTM C-260. Water reducing admixtures, retarding admixtures, and water reducing and accelerating admixture, if used, shall conform to the requirements of ASTM C-494.

1.02.b Proportioning of Concrete

The contractor shall employ, at his own expense, as approved testing, laboratory which shall design the mix for each type of concrete required by the specifications and drawings to obtain strength as determined by test cylinder at least 15% higher than required. Strength requirements shall be as noted on the drawings.

1.02.c Concrete Test

A. Testing Laboratory and Reports

The contractor shall employ at his own expense, as approved testing laboratory which shall make compression and slump test and immediately submit 5 copies of the test reports to the supervising Architect or Engineer.

1.02d Curing and Protection

All concrete work shall be protected from drying out after removal of forms by covering with waterproof paper, polyethylene sheeting, burlap, with a coating of approved membrane curing compound having a moisture retention equal to 90% based on ATM C-309 and C-156, applied in accordance with the manufacturer's instruction for use.

1.02.e Metal Reinforcement

Reinforcing Steel Bar shall conform to ASTM specifications A-615. All Mild steel for columns, shear wall, footings and footing beam shall be high grade deformed bars. $F_y = 413.7 \text{ Mpa}$. For 10mm and smaller bars use intermediate grade deformed bars. $F_y = 275.8 \text{ Mpa}$.

All reinforcement shall be placed according to the approved drawings. The contractor shall provide sufficient bar support, ties, anchors and other accessories to hold all bars securely in place. Provide Bar support and other accessories necessary to hold reinforcing bars in the proper positions while concrete is being placed. Bar support which come in contact with forms for concrete exposed to view in the finished structure shall be galvanized or stainless subject to approval.

1.02.f Placing of Reinforcement

All reinforcement shall be placed according to the approved drawings. The contractor shall provide sufficient bar supports, ties and other accessories to hold all bars securely in place.

Unless detailed on drawings, all stirrups shall be held in place by bar spacer. Reinforcing steel shall be cleaned of oil, grease, scale, rust or other coatings which will impair bond.

1.02. g Forms

Forms shall conform to the shape, lines and dimensions shown on the drawings. They shall be substantial and designed to resist the pressure and weight of the concrete.

Forms shall be properly tied and braced or shored so as to maintain their position and shapes. Forms shall be sufficiently tight and strong to prevent leakage of mortar.

Remove forms and form tie ends then fill holes with 1:2 Portland Cement mortar mixed to match the concrete. All defective areas below grade line not exposed to view shall be patched with portland cement mortar mixed to match the concrete mixture as directed by the supervising Architect or Engineer.

1.03 Concrete Masonry Works

The work covered shall include the furnishing of all necessary materials, tools, equipment, labor and appliances necessary to complete the execution of the concrete masonry work as shown on the drawings and herein specified.

All preparation for masonry work necessary to received and adjoin other work, including provisions for inserts and attachments as noted in the plans and specifications which shall be installed under the terms of this work.

1.03a. Masonry Finish

The works shall furnish all materials, tools, equipment including labor required in undertaking plain cement plaster finish as provided where plastering is noted on the drawings and schedules. Plastering work shall be properly coordinated with the work of other trades.

1. The work of other trades shall be adequately protected from damages during the plastering operations. Finishing works shall be protected with a covering with lapped and sealed joints.

2. Scaffolding shall be amply strong, well braced, tied securely and inspected regularly. Overloading of scaffolding will not be permitted.

1.04 Steel Works

The work includes furnishing of all materials, labor, tools, equipment, and performance of all operations relative to the fabrication, delivery to site, erection and painting of structural steel trusses and purlins as shown on plans.

All Structural steel shall be in accordance with AISC Specification for the design, Fabrication and erection of structural steel for buildings. Materials and parts necessary to complete each item through such work is not shown or specified shall be included, such as bolts, welding rods etc.

1.05 Roofing Works

The work shall consist of furnishing all pre-painted metal sheet, equipment, tools, materials and labor required in undertaking the proper installation complete as shown on the Plans and in accordance with this specifications.

II. ARCHITECTURAL WORKS

2.01 Tile Works

The item shall consist of all non-skid homogeneous tiles and cementitious materials, tools and equipment including labor required the proper installation of walls and floor tiles as shown on the plans and in accordance with this specifications.

2.02 Ceiling Works

This item shall consist of furnishing and installing ceiling materials, tools, labor and equipment and performing all operations for all ceiling works as shown on the plans and in accordance with this specifications.

The material and workmanship provided under this item shall be guaranteed by the contractor for a period of 1 year from the time of final inspection and acceptance of the work in writing by the supervising Architect. Any defective materials or workmanship shall be replaced and corrected by the contractor without extra cost to the owner.

2.03 Doors and Windows

The work includes materials, labor and equipment to complete the installation of Doors and Windows complete with hardware and accessories including jambs and headers as indicated on the plans.

III. ELECTRICAL WORKS

The work includes materials, labor and equipment to complete the installation of the following; Lighting and Power Conduits & Fittings; Wires & Cables; Electrical Wiring Devices; Lighting Fixtures; Boxes & pull boxes; Panel boards/Circuit Breaker; Feeder/Sub Feeder Conductor; Feeder/Sub Feeder conduit and fittings; ACU Conduits & Fittings; ACU wires and cable; Data and Telephone System; Grounding system; Termination accessories, hangers and supports and other miscellaneous materials as indicated on the plan. Electrical works should be tested and commissioned.

IV. MECHANICAL WORKS

This item shall consist of furnishing and installation of air conditioning, refrigeration, and ventilation system, inclusive of electrical connections, duct works, grilles, pipes and condensate drains and all other necessary accessories, ready for service.

V. PLUMBING WORKS

The item shall consist of furnishing all materials, tools, equipment and fixtures as shown on the Plans for the satisfactory performance of the entire plumbing system including installation in accordance with the latest edition of the National Plumbing Code and this specifications.

All piping materials, fixtures and appliances fittings accessories whether specifically mentioned or not but necessary to complete this item be furnished and installed.

VI. FACILITIES FOR DISABLED PERSON

The work includes materials, labor and equipment/tools for the handrails for ramps shall be fabricated from galvanized iron pipe, with minimum diameter of 5 centimeter, unless otherwise specified on the contract.

All Scopes of Work to this item must be in accordance to approved Plans and Specifications. Quality and types of materials must conform to Specification and must be approved by the CAAP Project-in-Charge.

Section VII. Drawings

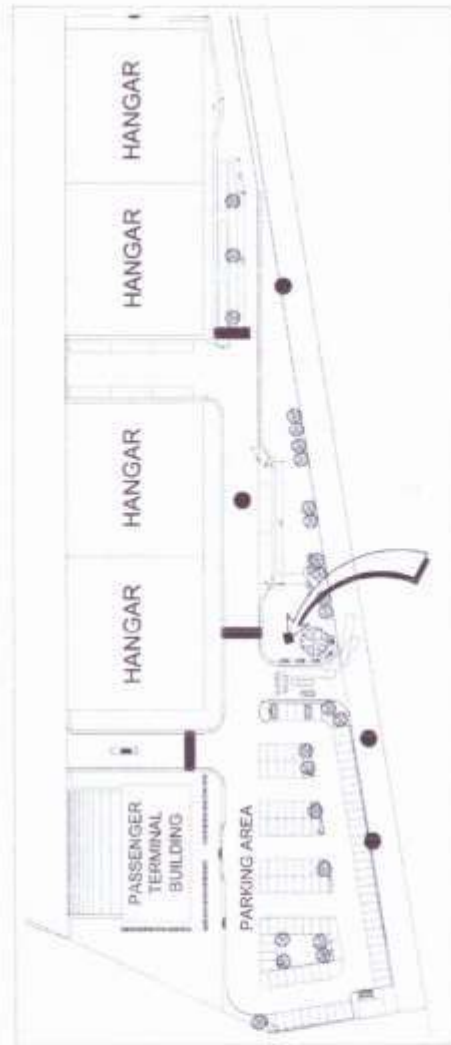
[Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section, or annexed in a separate folder.]



1
SANGLEY AIRPORT
PERSPECTIVE
1:1000



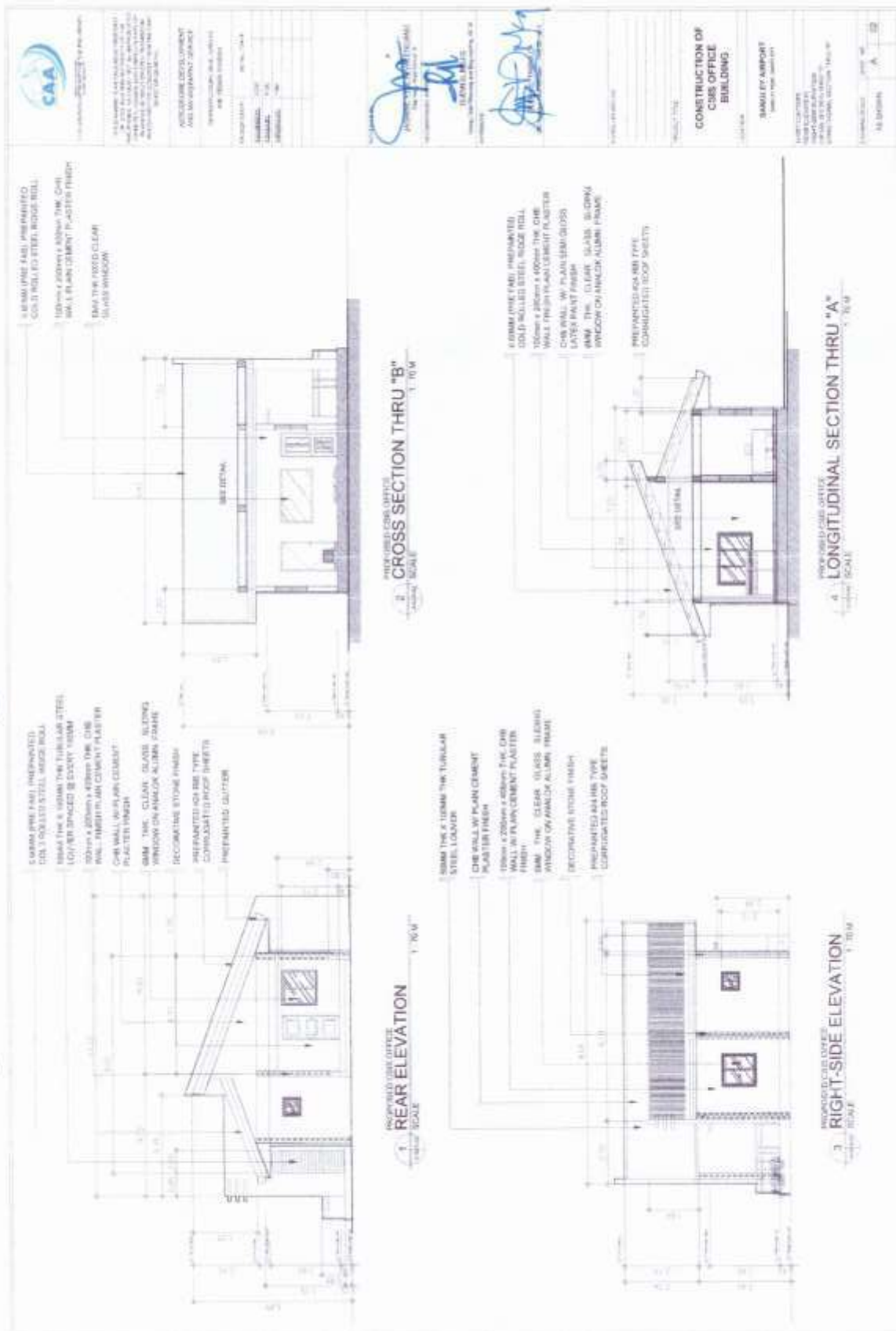
2
SANGLEY AIRPORT
VICINITY MAP
1:5000




3
SANGLEY AIRPORT (LANDSIDE)
SITE DEVELOPMENT PLAN
1:1000

 <p>1. PROJECT NAME: SANGLEY AIRPORT</p> <p>2. PROJECT LOCATION: MANILA, PHILIPPINES</p> <p>3. PROJECT TYPE: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>4. PROJECT OWNER: SANGLEY AIRPORT</p> <p>5. PROJECT MANAGER: MANILA</p> <p>6. PROJECT STATUS: UNDER CONSTRUCTION</p> <p>7. PROJECT START DATE: 2018</p> <p>8. PROJECT END DATE: 2020</p> <p>9. PROJECT BUDGET: 100,000,000.00</p> <p>10. PROJECT COST: 100,000,000.00</p> <p>11. PROJECT VALUE: 100,000,000.00</p> <p>12. PROJECT RISK: LOW</p> <p>13. PROJECT COMPLEXITY: LOW</p> <p>14. PROJECT SCOPE: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>15. PROJECT DESCRIPTION: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>16. PROJECT OBJECTIVES: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>17. PROJECT DELIVERABLES: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>18. PROJECT MILESTONES: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>19. PROJECT RISKS: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>20. PROJECT STAKEHOLDERS: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>21. PROJECT CONTACTS: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>22. PROJECT APPROVALS: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>23. PROJECT SIGNATURES: CONSTRUCTION OF CURB OFFICE BUILDING</p> <p>24. PROJECT DATE: 2018</p> <p>25. PROJECT VERSION: 1.0</p>	
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Construction Authority of Australia
100 Macquarie Street, Sydney NSW 2000
Tel: (02) 9230 9000 Fax: (02) 9230 9001
www.caa.gov.au

PROJECT INFORMATION

PROJECT NAME: CONSTRUCTION OF CSIS OFFICE BUILDING

PROJECT ADDRESS: 100 Macquarie Street, Sydney NSW 2000

CLIENT: CSIS

DESIGNER: [Signature]

DATE: 10/10/2011

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	10/10/2011

CONSTRUCTION OF CSIS OFFICE BUILDING

SCHEDULE OF DOORS & WINDOWS

10/10/2011

DOOR SCHEDULE

NO.	DESCRIPTION	QTY	UNIT
1	2' x 6' 6" Double Glazed Door	1	EA
2	2' x 6' 6" Single Glazed Door	1	EA

WINDOW SCHEDULE

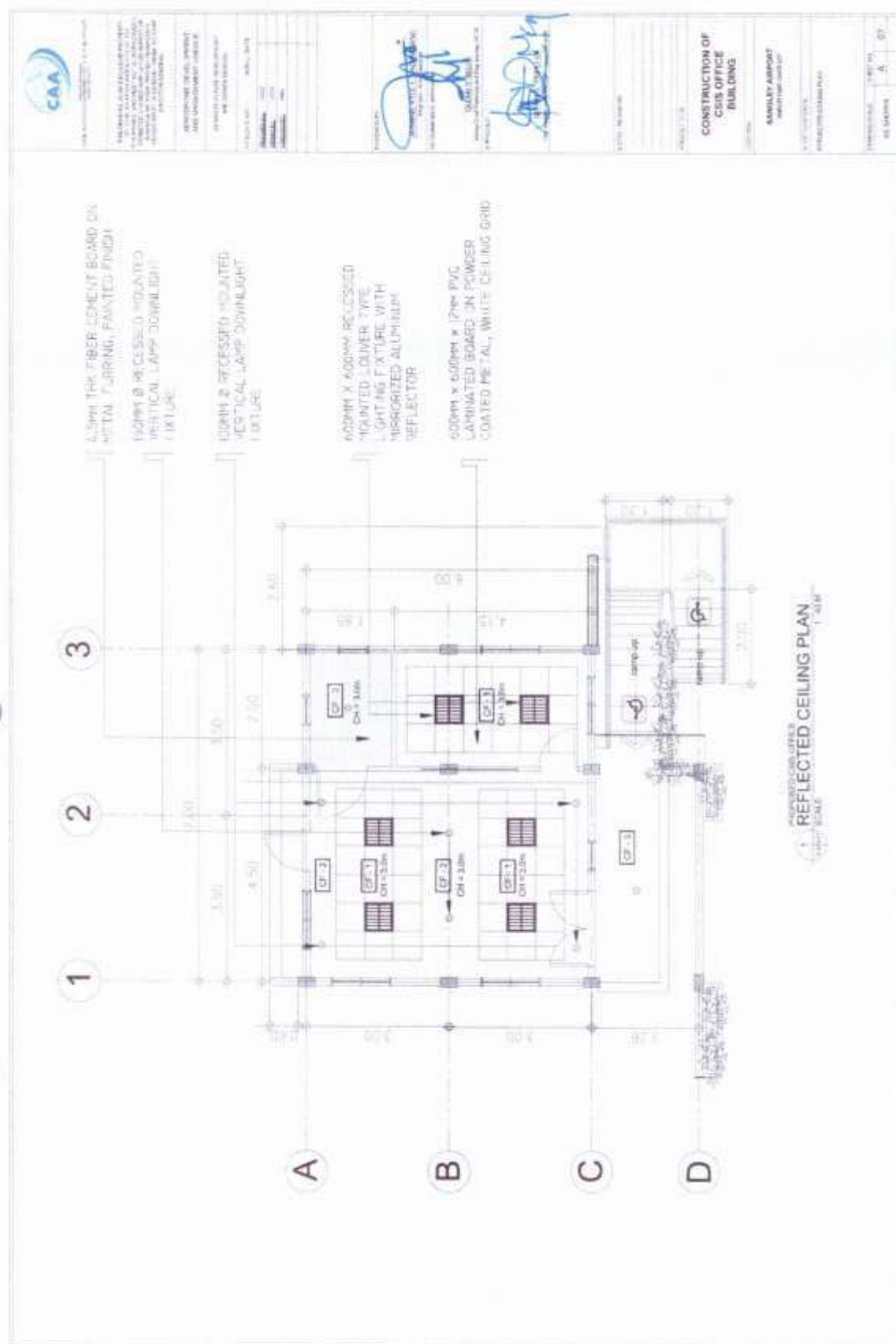
NO.	DESCRIPTION	QTY	UNIT
1	2' x 6' 6" Double Glazed Window	1	EA
2	2' x 6' 6" Single Glazed Window	1	EA

DOOR SCHEDULE

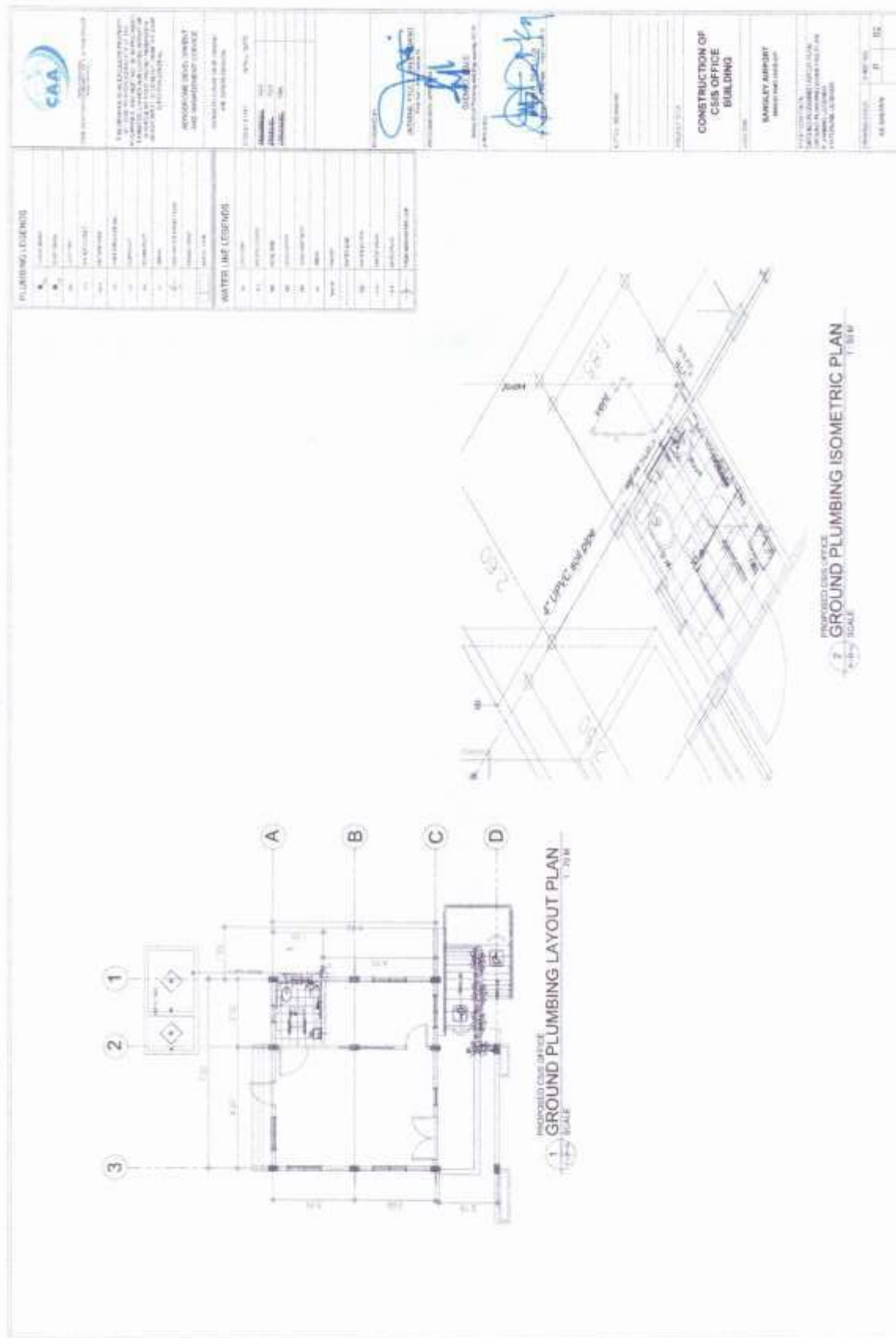
NO.	DESCRIPTION	QTY	UNIT
1	2' x 6' 6" Double Glazed Door	1	EA
2	2' x 6' 6" Single Glazed Door	1	EA

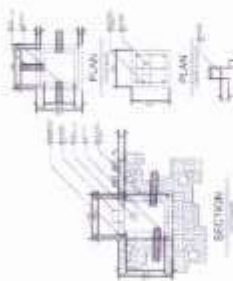
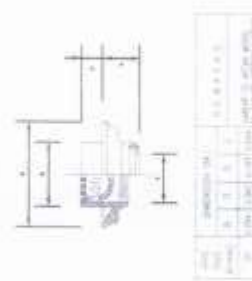
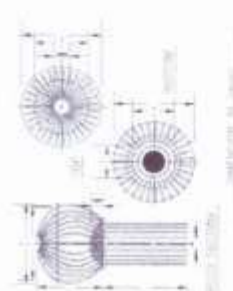
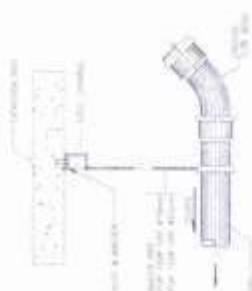
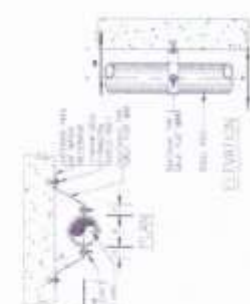
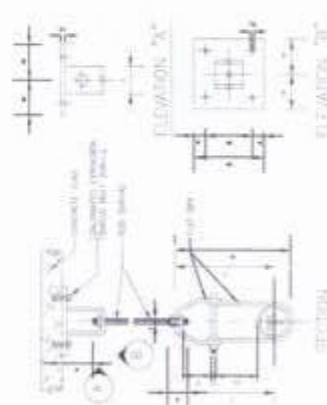
WINDOW SCHEDULE

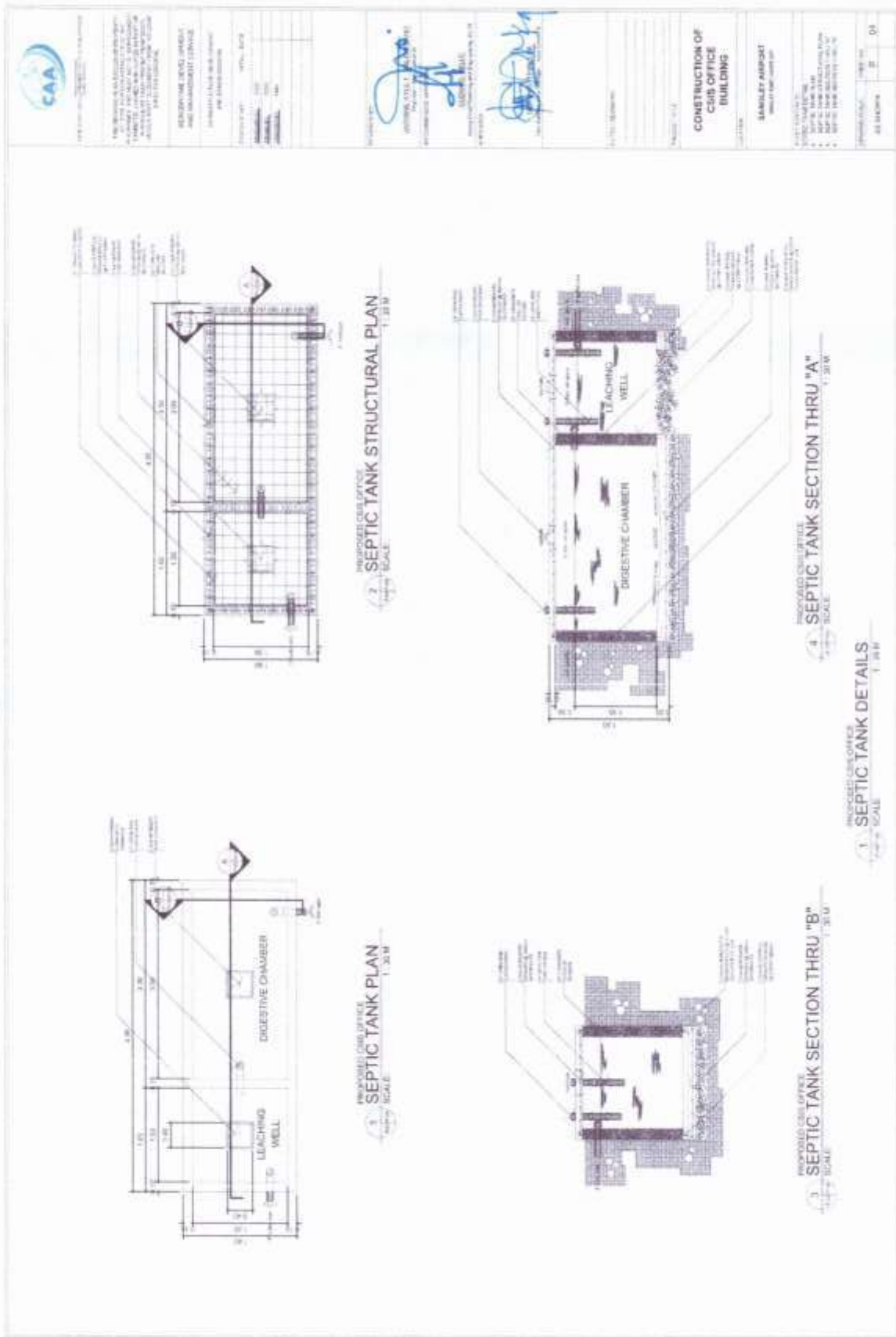
NO.	DESCRIPTION	QTY	UNIT
1	2' x 6' 6" Double Glazed Window	1	EA
2	2' x 6' 6" Single Glazed Window	1	EA











Section VIII. Bill of Quantities

Notes on the Bill of Quantities

Objectives

The objectives of the Bill of Quantities are:

- a. to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
- b. when a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

Daywork Schedule

A Daywork Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Entity of the realism of rates quoted by the Bidders, the Daywork Schedule should normally comprise the following:

- a. A list of the various classes of labor, materials, and Constructional Plant for which basic daywork rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a daywork basis.
- b. Nominal quantities for each item of Daywork, to be priced by each Bidder at Daywork rates as Bid. The rate to be entered by the Bidder against each basic Daywork item should include the Contractor's profit, overheads, supervision, and other charges.

Provisional Sums

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the SCC should state the manner in which they will be used, and under whose authority (usually the Procuring Entity's Representative's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an

appropriate brief description. A separate procurement procedure is normally carried out by the Procuring Entity to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

Signature Box

A signature box shall be added at the bottom of each page of the Bill of Quantities where the authorized representative of the Bidder shall affix his signature. Failure of the authorized representative to sign each and every page of the Bill of Quantities shall be a cause for rejection of his bid.

These Notes for Preparing a Bill of Quantities are intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They should not be included in the final documents.

Republic of the Philippines
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
Old MIA Road, Pasay City

INDIVIDUAL PROJECT PROGRAM OF WORK

(1) Date _____
(2) Agency CAAP
(3) Region Area III
(4) City / Municipality Sangley Airport, Cavite City

(5) Name / Location of Project CONSTRUCTION OF CSIS OFFICE BUILDING Sangley Airport, Sangley Point, Cavite City	(7) Source of Fund	(8) Issued Obligated Authority	(9) Funding Warrant		
(6) Plan Set No. (10) Project Description CONSTRUCTION OF CSIS OFFICE BUILDING		(11) Number of Calendar Days to Complete Ninety (90) Calendar Days Note: 10 days Unfavorable weather condition included			
(12) Technical Personnel Required 1- Site Engineer 1-Construction Foreman 2-Mason 2-Carpenter 2-Electrician 3-Welder 2-Airconditioner		(13) Equipment to be Used (see attached Bill of Quantities)			
(14) Estimated Cost by Item of Work (Materials, Equipment and Labor)					
(14.1) Scope of Work to be Done ITEM	(14.2) % of Total	(14.3) Unit	(14.4) Quantity	(14.5) Total Amount	(14.6) Unit Price
1.00 CIVIL / STRUCTURAL WORKS					
1.01 Site Works	1.76%	lot	1.00	38,877.50	38,877.50
1.02 Concrete Works	19.46%	cu. m.	21.00	430,237.40	20,487.50
1.03 Masonry Works (including Plastering and Filler)	16.01%	sq. m.	228.00	353,839.80	1,551.93
1.04 Steel Works	10.61%	kgs	659.00	234,510.84	355.86
1.05 Roofing Works	8.13%	sq. m.	100.00	179,758.70	1,797.59
2.00 ARCHITECTURAL WORKS					
2.01 Tile Works	3.63%	sq. m.	42.00	80,188.96	1,909.26
2.02 Ceiling Works	2.37%	sq. m.	55.00	52,285.56	950.65
2.03 Painting Works	2.49%	sq. m.	248.00	55,017.88	221.85
2.03 Doors and Windows	5.05%	sets	13.00	111,634.50	8,587.27
3.00 ELECTRICAL WORKS					
3.01 Lighting and Power Conduit & Fittings	0.55%	lm	138.00	12,198.42	88.39
3.02 Wires & Cables	1.74%	rolls	6.00	38,395.42	6,399.24
3.03 Electrical Wiring Devices	0.29%	sets	15.00	8,499.21	433.08
3.04 Lighting Fixtures	1.33%	sets	20.00	29,510.63	1,475.53
3.05 Boxes and Pullboxes	0.28%	pcs	34.00	5,244.42	163.66
3.06 ACU Conduit and Fittings	0.30%	lm	33.00	5,557.42	198.71
3.07 ACU Wires & Cables	0.41%	lm	144.00	9,114.21	63.29
3.08 Data and Telephone System	0.92%	lot	1.00	20,389.63	20,389.63
3.09 Grounding System	0.35%	lm	6.00	7,760.21	1,293.37
3.10 Panelboard/Circuit Breaker	1.14%	assy	2.00	25,190.63	12,595.32
3.11 Feeder/Sub Feeder Conductor	1.14%	roll	1.00	25,186.63	25,186.63
3.12 Feeder/Sub Feeder Conduit and Fittings	0.74%	lm	17.00	16,394.63	
3.13 Termination Accessories, Hangers and Supports	0.17%	lot	1.00	3,846.88	3,846.88
4.00 MECHANICAL WORKS					
4.01 Air Conditioning Unit	3.14%	sets	2.00	69,339.40	34,669.70
4.02 Air Conditioning Unit Piping System	1.57%	lot	1.00	34,671.40	34,671.40
5.00 PLUMBING WORKS					
5.01 Fixtures	1.94%	lot	1.00	42,960.42	42,960.42
5.02 Sewer Line	0.80%	lot	1.00	17,725.84	17,725.84
5.03 Water Line	1.46%	lot	1.00	32,370.52	32,370.52
5.04 Septic Tank	3.62%	lot	1.00	79,982.64	79,982.64
6.00 FURNITURE					
6.01 Furnitures	8.60%	lot	1.00	190,044.00	190,044.00
TOTAL DIRECT COST	100.00%			P2,210,732.50	

BREAKDOWN OF ESTIMATED EXPENDITURES	AMOUNT	% OF TOTAL
I. ESTIMATED DIRECT COST		
A. DIRECT COST	P2,210,732.50	84.74%
1. MATERIALS	1,714,483.46	65.72%
1.1 COST AT SOURCE		
1.2 TRANSPORT EXPENSES		
1.3 STORAGE COST		
2. LABOR	435,049.04	16.68%
2.1 DIRECT LABOR		
3. EQUIPMENT EXPENSES (Incl FOL)	61,200.00	2.35%
3.1 RENTALS		
4. MOBILIZATION / DEMOBILIZATION		
B. INDIRECT COST	398,075.63	15.26%
1. OCM	141,448.20	5.42%
1.1 OVERHEAD		
1.2 CONTINGENCIES		
1.3 MISCELLANEOUS		
2. CONTRACTOR'S PROFIT	141,448.19	5.42%
3. V.A.T. & CONTRACTOR'S TAX	115,179.24	4.42%
SUB-TOTAL	2,608,808.13	100.00%
II. ESTIMATED GOVERNMENT EXPENSES		
1. ROW / SITE ACQUISITION		
2. SOIL EXPLORATION		
3. PROJECT MANAGEMENT		
4. MATERIALS TO BE FURNISHED BY THE GOVERNMENT		
SUB-TOTAL		
III. CONTINGENCY RESERVES		
1. PHYSICAL		
2. PRICE ESCALATION		
SUB-TOTAL		
TOTAL PROJECT ESTIMATED COST	P2,608,808.13	100.00%

Prepared by:

JASMINE KYLE F. VALENCIANO
Engineer, Plaridel Airport

Checked by:

GLENN O. BELLO
Acting Chief Planning and Engineering
Plaridel Airport

Submitted by:

GLENN D. TRIBULCA
Civil Aviation Area Manager, Area Center III

Funds Available:

MILAROSA M. GALIT
Budget Officer III, Plaridel Airport

Recommending Approval:

LT. COL. VALENTINO A. DIONELA PAF (RET)
Assistant Director General II, ADMS

Approved:

MGEN. RICARDO C. BANAYAT AFP (RET)
Officer-in-Charge, Office of the Deputy Director General for Administration

NAME OF PROJECT		: CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION		: CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION		: Sangley Airport, Sangley Point, Cavite City		QUANTITY	UNIT
SUBJECT		: Bill of Quantities		1.00	lot
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
1.00	CIVIL / STRUCTURAL WORKS				
1.01	Site Works				
A	Materials				
	Excavation	26.47	cu.m.		
	Common Borrow	18.51	cu.m.		
	Gravel, Bedding (50mm)	1.00	cu.m.		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	5		
	Skilled Workers	2.00	5		
	Common Workers	4.00	5		
			Labor Cost	.....
A	Site Works Material Cost				
B	Site Works Labor Cost				
D	Site Works Direct Cost				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					
LOCATION		: SANGLEY AIRPORT		QUANTITY	UNIT
SUBJECT		: Bill of Quantities		21.00	cu.m.
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
1.00	CIVIL / STRUCTURAL WORKS				
1.02	Concrete Works				
A	Materials				
	Portland Cement, 40 Kg	195.00	bags		
	Sand	11.00	cu.m.		
	Gravel, 3/4" Crushed	21.00	cu.m.		
	16 mm Ø x 6m DR5B	150.00	pcs.		
	12 mm Ø x 6m DR5B	17.00	pcs.		
	10 mm Ø x 6m DR5B	249.00	pcs.		
	G.I. Tie Wires	34.00	kgs.		
	Formlumber	1,227.00	bdf.		
	1/2" x 4' x 8' Ordinary Plywood	13.00	pcs.		
	CWN assorted	23.00	kgs.		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	19		
	Skilled Workers	2.00	19		
	Common Workers	4.00	19		
			Labor Cost	.....
C	Equipment	# of EQPT	DUR. (DAYS)	RATE/DAY	
	One-bagger Concrete Mixer	1.00	7.00		
	Concrete Vibrator	1.00	7.00		
			Equipment Cost	.....
A	Concrete Works Material Cost				
B	Concrete Works Labor Cost				
C	Concrete Works Equipment Cost				
D	Concrete Works Direct Cost				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION :		Sangley Airport, Sangley Point, Cavite City		QUANTITY	UNIT
SUBJECT :		Bill of Quantities		228.00	sq.m.
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
1.00	CIVIL / STRUCTURAL WORKS				
1.03	Masonry Works (including Plastering and Filler)				
A	Materials				
	Portland Cement, 40 Kg	265.00	bags		
	Sand	23.00	cu.m.		
	12 mm Ø x 6m DRSB	113.00	pcs.		
	10 mm Ø x 6m DRSB	100.00	pcs.		
	G.I. Tie Wires	15.00	kgs.		
	4" Hollow Blocks	600.00	pcs.		
	6" Hollow Blocks	2,250.00	pcs.		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	21		
	Skilled Workers	2.00	21		
	Common Workers	4.00	21		
			Labor Cost	.....
C	Equipment	# of EQPT	DUR. (DAYS)	RATE/DAY	
	One-bagger Concrete Mixer	1.00	6.00		
			Equipment Cost	.....
A	Masonry Works Material Cost				
B	Masonry Works Labor Cost				
C	Masonry Works Equipment Cost				
D	Masonry Works Direct Cost				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities		QUANTITY	UNIT
				659.00	kgs
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
1.00	CIVIL / STRUCTURAL WORKS				
1.04	Steel Works				
A	Materials				
	44mm x 44mm 4.76mm Angle Bar	16.00	pcs		
	32mm x 32mm x 4.76mm Angle Bar	20.00	pcs		
	25mm x 25mm 3.00mm Angle Bar	7.00	pcs		
	10mm thk MS Plate (1.22m x 2.44m)	1.00	pcs		
	12mm Ø Anchor Bolt w/ nuts & washers	28.00	sets		
	51mm x 102mm x 1.5mm thk - 6m C - Purlins	32.00	pcs		
	100mm x 50mm x 6mm Angle Bar	1.00	pc		
	Epoxy Primer	5.00	gals		
	Paint Brush 2"	10.00	pcs		
	Oxygen, Acetelyn (contents only)	50.00	kgs		
	14" Cutting Disc	8.00	pcs		
	Welding Rod	13.18	kgs		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	8		
	Skilled Workers	2.00	8		
	Common Workers	3.00	8		
			Labor Cost	.....
C	Equipment	# of EQPT	DUR. (DAYS)	RATE/DAY	
	Welding Machine, 200Amp	2.00	8.00		
	Cut Off Machine inclusive of 5 blades	2.00	8.00		
	Cutting Torch	1.00	8.00		
			Equipment Cost	.....
A	Steel Works Material Cost				
B	Steel Works Labor Cost				
C	Steel Works Equipment Cost				
D	Steel Works Direct Cost				
INDIRECT COSTS					
1.	OCM (0% - 15% of TDC)	7.0%	of Estimated Direct Cost		
2.	CONTRACTOR'S PROFIT (0% - 10% of TDC)	7.0%	of Estimated Direct Cost		
E.	TOTAL OCM & PROFIT	14.0%	of D		
F.	VALUE ADDED TAX, (VAT)	5.0%	of (D + E)		
G.	TOTAL ESTIMATED INDIRECT COST (F + E), P				
H.	TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit				
	TOTAL ESTIMATED COST (D + G), P				
	TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit				

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities			
				QUANTITY	UNIT
				100.00	sq.m.
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
1.00	CIVIL / STRUCTURAL WORKS				
1.05	Roofing Works				
A	Materials				
	Prepainted Metal Roofing Sheet,GA 26,t=0.50mm	105.00	sq.m.		
	Prepainted Flashing, GA 24 - 2.44m t=0.60mm	24.00	ln.m.		
	Polythelene foam w/ 1 side aluminum (10mm x 1m x50m)	2.00	rolls		
	Hexagonal Wire Mesh, 3/4 x 1.0m x 1.0m	105.00	ln.m.		
	Teckscrew, 2.5" w/ bonded washer	600.00	pcs		
	Blind Rivets	2.00	boxes		
	Sealant (Vulcaseal or Equivalent)	5.00	tubes		
	Facia Board				
	15mm THK Fiber Cement Board	8.00	pcs		
	25mm x 3.00mm Flat Steel Bar	21.00	pcs		
	Welding Rod	1.00	kgs		
	Metal Black screw	400.00	pcs		
	Prepainted Gutter, GA 24 - 2.44m t=0.60mm	18.00	ln.m.		
	2" Ø PVC Pipe	1.00	pc		
	Misc				
	1.3mm THK 2" x 3" Aluminum Tubular Bar - 6m	2.00	pcs		
	PWD Stainless Guard Rail	1.00	lot		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	5		
	Skilled Workers	2.00	5		
	Common Workers	2.00	5		
			Labor Cost	.....
A	Roofing Works Material Cost				
B	Roofing Works Labor Cost				
D	Roofing Works Direct Cost				
INDIRECT COSTS					
1.	OCM (0% - 15% of TDC)	7.0%	of Estimated Direct Cost		
2.	CONTRACTOR's PROFIT (0% - 10% of TDC)	7.0%	of Estimated Direct Cost		
E.	TOTAL OCM & PROFIT	14.0%	of D		
F.	VALUE ADDED TAX, (VAT)	5.0%	of (D + E)		
G.	TOTAL ESTIMATED INDIRECT COST (F + E), P				
H.	TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit				
I.	TOTAL ESTIMATED COST (D + G), P				
J.	TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit				

NAME OF PROJECT : CONSTRUCTION OF CSIS OFFICE BUILDING					
DESCRIPTION : CONSTRUCTION OF CSIS OFFICE BUILDING					
LOCATION : Sangley Airport, Sangley Point, Cavite City					
SUBJECT : Bill of Quantities				QUANTITY	UNIT
				42.00	sq.m.
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
2.00	ARCHITECTURAL WORKS				
2.01	Tile Works/ Floor Cement Finish				
A	Materials				
	600mm x 600mm Homogenous Tiles	115.00	pcs		
	300mm x 300mm Non-skid Homogenous Tiles	57.00	pcs		
	Portland Cement, 40 Kg	14.00	bags		
	Sand	1.09	cu.m.		
	Tile Grout (5kg)	5.00	bags		
	Tile Adhesive (25kg)	6.00	bags		
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	4		
	Skilled Workers	2.00	4		
	Common Workers	2.00	4		
			Labor Cost	.....
A	Tile Works Material Cost				
B	Tile Works Labor Cost				
D	Tile Works Direct Cost				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR'S PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					
LOCATION : Sangley Airport, Sangley Point, Cavite City				QUANTITY	UNIT
SUBJECT : Bill of Quantities				55.00	sq.m.
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
2.00	ARCHITECTURAL WORKS				
2.02	Ceiling Works				
A	Materials				
	4.5mm Fiber Cement Board	20.00	pcs		
	Double Furring Channel, 50mm x 19mm x 5m x 0.60mm thk	63.00	pcs		
	Carrying Channel, 38mm x 12mm x 5m x 0.60mm thk	20.00	pcs		
	Hanger Rods	55.00	pcs		
	Channel Clip	330.00	pcs		
	Wall Angle	13.09	pcs		
	Blind Rivets	2.00	box		
	Metal Screw	220.00	pcs		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	6		
	Skilled Workers	2.00	6		
	Common Workers	3.00	6		
			Labor Cost	.....
A	Ceiling Works Material Cost				
B	Ceiling Works Labor Cost				
C	Ceiling Works Equipment Cost				
D	Ceiling Works Direct Cost				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR'S PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION		SANGLEY AIRPORT			
SUBJECT		Bill of Quantities		QUANTITY	UNIT
				248.00	sq.m.
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
2.00	ARCHITECTURAL WORKS				
2.03	Painting Works				
A	Materials				
	Concrete Neutralizer	5.00	gals		
	Concrete Sealer/Primer	10.00	gals		
	Patching Compound	12.00	gals		
	Semi Gloss Latex	20.00	gals		
	Paint Roller with pan 9"	10.00	pcs.		
	Paint Roller 9" (refill)	5.00	pcs.		
	Paint Brush 3"	5.00	pcs.		
	Paint Brush 2"	5.00	pcs.		
	Rugs	10.00	kgs		
	Sand Paper # 120	30.00	pcs.		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	8		
	Skilled Workers	2.00	8		
	Common Workers	1.00	8		
			Labor Cost	.....
A	Painting Works Material Cost				
B	Painting Works Labor Cost				
D	Painting Works Direct Cost				
INDIRECT COSTS					
1. OCM (0% - 8% of TDC)		7.0%	of Estimated Direct Cost		-
2. CONTRACTOR'S PROFIT (0% - 8% of TDC)		7.0%	of Estimated Direct Cost		-
E. TOTAL OCM & PROFIT		14.0%	of D		-
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		-
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					-
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					-
TOTAL ESTIMATED COST (D + G), P					-
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					-
LOCATION		Sangley Airport, Sangley Point, Cavite City		QUANTITY	UNIT
SUBJECT		Bill of Quantities		13.00	sets
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
2.00	ARCHITECTURAL WORKS				
2.03	Doors and Windows				
A	Materials				
D-1	1600mm x 2100mm Double Swing Glass with 6mm thk clear glass panel on 50mm x 75mm tubular aluminum analog door frame w/ lock w/ concealed door closer	1.00	set		
D-2	900mm x 2100mm Single Swing Glass with 6mm thk clear glass panel on 50mm x 75mm tubular aluminum analog door frame w/ lock w/ concealed door closer	1.00	set		
D-3	800mm x 2100mm Wood Type Panel door w/ jamb, Painted finish	2.00	sets		
D-4	800mm x 2100mm PVC door w/ jamb w/ louver panel	1.00	set		
W-1	1150mm x 1200mm 1/4"thk Clear glass Sliding window on analog window frame	5.00	sets		
W-2	650mm x 1200mm 1/4"thk Clear glass Sliding window on analog window frame	1.00	set		
W-3	2000mm x 1200mm 1/4"thk Clear glass Fixed window on analog window frame	1.00	set		
W-4	600mm x 600mm 1/4"thk Clear glass Awning window on analog window frame	1.00	set		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	2		
	Skilled Workers	2.00	2		
	Common Workers	4.00	2		
			Labor Cost	.....
A	Doors and Windows Material Cost				
B	Doors and Windows Labor Cost				
C	Doors and Windows Equipment Cost				
D	Doors and Windows Works Direct Cost				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR'S PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities			
ITEM	DESCRIPTION	QUANTITY	UNIT	QUANTITY 138.00	UNIT lm
3.00	ELECTRICAL WORKS				
3.01	Lighting and Power Conduit & Fittings				
A	Materials	138.00	lm		
	20mm diameter x 4m PVC Pipe	46.00	pcs		
	20mm diameter Flexible Conduit x 1m	16.00	pcs		
	20mm diameter PVC Elbow	36.00	pcs		
	20mm diameter PVC Coupling	10.00	pcs		
	20mm diameter PVC Male Adapter w/ nut	94.00	pcs		
		Material Cost		.....
B	Labor	QTY	DAYS	RATE/DAY	
	Master Electrician	1.00	2		
	Skilled Laborer	1.00	2		
	Common Laborer	2.00	2		
		Labor Cost		.....
A LIGHTING AND POWER CONDUIT AND FITTINGS MATERIAL COST					
B LIGHTING AND POWER CONDUIT AND FITTINGS LABOR COST					
D LIGHTING AND POWER CONDUIT AND FITTINGS DIRECT COST					
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities			
ITEM	DESCRIPTION	QUANTITY	UNIT	QUANTITY 6.00	UNIT rolls
3.00	ELECTRICAL WORKS				
3.02	Wires & Cables				
A	Materials	6.00	rolls		
	3.5 mm ² THHN/THWN-2 x 150m Copper Wire (UL Listed)	3.00	rolls		
	8.0 mm ² THHN/THWN-2 x 151m Copper Wire (UL Listed)	1.00	rolls		
	2.0 mm ² THHN/THWN-2 x 150m Copper Wire (UL Listed)	2.00	rolls		
		Material Cost		.....
B	Labor	QTY	DAYS	RATE/DAY	
	Master Electrician	1.00	2		
	Skilled Laborer	1.00	2		
	Common Laborer	2.00	2		
		Labor Cost		.....
A WIRES AND CABLES MATERIAL COST					
B WIRES AND CABLES LABOR COST					
D WIRES AND CABLES DIRECT COST					
INDIRECT COSTS					
1. OCM (0% - 8% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities			
ITEM	DESCRIPTION	QUANTITY	UNIT	QUANTITY 15.00	UNIT sets
3.00	ELECTRICAL WORKS				
3.03	Electrical Wiring Devices				
A	Materials	15.00	sets		
	Single Convenience Outlet with plate and bracket - 10A, 250V, Universal type w/ ground	2.00	sets		
	Duplex Convenience Outlet with plate and bracket - 16A, 250V, Universal type w/ ground	7.00	sets		
	1-gang switch with plate and bracket, wide series	2.00	sets		
	2-gang switch with plate and bracket, wide series	3.00	sets		
	3-gang switch with plate and bracket, wide series	1.00	set		
	Material Cost			.....
B	Labor	QTY	DAYS	RATE/DAY	
	Master Electrician	1.00	1		
	Skilled Laborer	1.00	1		
	Common Laborer	2.00	1		
	Labor Cost			.....
A	ELECTRICAL WIRING DEVICES MATERIAL COST				
B	ELECTRICAL WIRING DEVICES LABOR COST				
D	ELECTRICAL WIRING DEVICES DIRECT COST				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities			
ITEM	DESCRIPTION	QUANTITY	UNIT	QUANTITY 20.00	UNIT sets
3.00	ELECTRICAL WORKS				
3.04	Lighting Fixtures				
A	Materials	20.00	sets		
	600mm x 600mm Recessed mounted louver type lighting fixture, with mirrorized aluminum reflector and 2 x 9W (T-8) LED tube , 15 000 life hours, 900 lumens, 185V-265V, 60Hz.	6.00	sets		
	150mm diameter recessed mounted vertical lamp downlight fixture w/ powder coat finish casing, matte aluminum reflector ,glass diffuser and 1 x 9 watts, 20 000 life hour, 720 lumens, 185V - 265V, 60Hz LED bulb.	6.00	sets		
	100mm diameter recessed mounted vertical lamp downlight fixture w/ powder coat finish casing, matte aluminum reflector ,glass diffuser and 1 x 5 watts, 20 000 life hour, 400 lumens, 185V - 265V, 60Hz LED bulb.	4.00	sets		
	100mm diameter x 300mm Weather proof up and down wall lighting fixture with die-cast aluminum mounting bracket, glass diffuser and anodized raffinal reflectors with 2x7W, 20 000 life hour, 500 lumens, 185V-265V, 60Hz, LED Bulb (E27 Base)	2.00	sets		
	2 x 3 Watts, 230V, 60Hz LED Emergency Light and 3 hours emergency operation	2.00	pcs		
	Material Cost			.....
B	Labor	QTY	DAYS	RATE/DAY	
	Master Electrician	1.00	3		
	Skilled Laborer	1.00	3		
	Common Laborer	2.00	3		
	Labor Cost			.....
A	LIGHTING FIXTURES MATERIAL COST				
B	LIGHTING FIXTURES LABOR COST				
D	LIGHTING FIXTURES DIRECT COST				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities			
				QUANTITY	UNIT
				34.00	pcs
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.05	Boxes and Pullboxes				
A	Materials	34.00	pcs		
	Octagonal Junction Box	20.00	pcs		
	4 x 2 Utility Box	13.00	pcs		
	Pullbox, 200mmx200mmx100mm Gauge 16	1.00	pc		
	Material Cost			.....
B	Labor	QTY	DAYS	RATE/DAY	
	Master Electrician	1.00	2		
	Skilled Laborer	1.00	2		
	Common Laborer	2.00	2		
	Labor Cost			.....
A	BOXES AND PULLBOXES MATERIAL COST				
B	BOXES AND PULLBOXES LABOR COST				
D	BOXES AND PULLBOXES DIRECT COST				
INDIRECT COSTS					
1. OCM (0% - 8% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					
LOCATION :		Sangley Airport, Sangley Point, Cavite City		QUANTITY	UNIT
SUBJECT :		Bill of Quantities		33.00	lm
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.06	ACU Conduit and Fittings				
A	Materials	33.00	lm		
	20mm diameter x 4m PVC Pipe	11.00	pcs		
	20mm diameter PVC Elbow	6.00	pcs		
	15mm diameter Flexible Metal Conduit x 1m	2.00	pcs		
	15mm diameter Connector	2.00	pcs		
	20mm diameter Flexible Conduit x 1m	8.00	pcs		
	20mm diameter PVC Coupling	3.00	pcs		
	20mm diameter PVC Male Adapter w/ nut	4.00	pcs		
	Material Cost			.....
B	Labor	QTY	DAYS	RATE/DAY	
	Master Electrician	1.00	2		
	Skilled Laborer	1.00	2		
	Common Laborer	2.00	2		
	Labor Cost			.....
A	ACU CONDUIT AND FITTINGS MATERIAL COST				
B	ACU CONDUIT AND FITTINGS LABOR COST				
D	ACU CONDUIT AND FITTINGS DIRECT COST				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION :		Sangley Airport, Sangley Point, Cavite City		QUANTITY	UNIT
SUBJECT :		Bill of Quantities		144.00	lm
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.07	ACU Wires & Cables				
A	Materials	144.00	lm		
	5.5 mm² THHN/THWN-2 Copper Wire (UL Listed)	32.00	lm		
	3.5 mm² THHN/THWN-2 Copper Wire (UL Listed)	96.00	lm		
	2.0 mm² THHN/THWN-2 Copper Wire (UL Listed)	16.00	lm		
		Material Cost		.....
B	Labor	QTY	DAYS	RATE/DAY	
	Master Electrician	1.00	1		
	Skilled Laborer	1.00	1		
	Common Laborer	2.00	1		
		Labor Cost		.....
A	ACU WIRES AND CABLES MATERIAL COST				
B	ACU WIRES AND CABLES LABOR COST				
D	ACU WIRES AND CABLES DIRECT COST				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					
LOCATION :		Sangley Airport, Sangley Point, Cavite City		QUANTITY	UNIT
SUBJECT :		Bill of Quantities		1.00	lot
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.08	Data and Telephone System				
A	Materials	1.00	lot		
	20mm diameter x 4m EMT Pipe	16.00	pcs		
	20mm diameter EMT Elbow	14.00	pcs		
	20mm diameter EMT Coupling	9.00	pcs		
	20mm diameter EMT Connector	10.00	pcs		
	4-Pair CAT6 UTP cable	35.00	lm		
	Telephone Outlet with plate and bracket	2.00	sets		
	RJ-11 Connector	2.00	pcs		
	4 x 2 Utility Box ga. 16 (G.I.)	5.00	pcs		
	Blank Plate	3.00	pcs		
	Pullbox, 200mmx200mmx100mm Guage 16	1.00	pc		
		Material Cost		.....
B	Labor	QTY	DAYS	RATE/DAY	
	Master Electrician	1.00	3		
	Skilled Laborer	1.00	3		
	Common Laborer	2.00	3		
		Labor Cost		.....
A	DATA AND TELEPHONE SYSTEM MATERIAL COST				
B	DATA AND TELEPHONE SYSTEM LABOR COST				
D	DATA AND TELEPHONE SYSTEM DIRECT COST				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT		: CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION		: CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION		: Sangley Airport, Sangley Point, Cavite City		QUANTITY	UNIT
SUBJECT		: Bill of Quantities		6.00	lm
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.09	Grounding System				
A	Materials	6.00	lm		
	30 mm ² Bare Copper Wire	6.00	lm		
	Copper Clad Grounding Rod 19mm diameter x 3m with connector	1.00	pc		
		Material Cost		.....
B	Labor	QTY	DAYS	RATE/DAY	
	Master Electrician	1.00	1		
	Skilled Laborer	1.00	1		
	Common Laborer	2.00	1		
		Labor Cost		.....
A	GROUNDING SYSTEM MATERIAL COST				
B	GROUNDING SYSTEM LABOR COST				
D	GROUNDING SYSTEM DIRECT COST				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					
LOCATION		: Sangley Airport, Sangley Point, Cavite City		QUANTITY	UNIT
SUBJECT		: Bill of Quantities		2.00	assy
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.10	Panelboard/Circuit Breaker				
A	Materials	2.00	assy		
	Lighting and Power Panelboard	1.00	assy		
	1Ø, 2W, 240/120V, 60HZ, with GROUND				
	Main: 50AT, 2-Pole, 240V, 10 KAIC CB				
	Branches: 1x15AT, 2-Pole, 10 KAIC 240V, Bolt-on Type				
	3x20AT, 2-Pole, 10 KAIC 240V, Bolt-on Type				
	1x30AT, 2-Pole, 10 KAIC 240V, Bolt-on Type				
	Enclosure: NEMA-1				
	Materials: G.I.#16				
	Finished: Powder Coated Gray Finish				
	Panel Features: Pushlock, Grounding Lugs,				
	Bolted Dead Front, Directory Holder				
	Disconnecting Switch Single Panel Board	1.00	assy		
	1Ø, 2W, 240/120V, 60HZ, with GROUND				
	Main: 100AT, 2-Pole, 240V, 10 KAIC CB				
	Enclosure: NEMA-1				
	Finished: Powder Coated Gray Finish				
		Material Cost		.....
B	Labor	QTY	DAYS	RATE/DAY	
	Master Electrician	1.00	3		
	Skilled Laborer	1.00	3		
	Common Laborer	2.00	3		
		Labor Cost		.....
A	PANELBOARD/CIRCUIT BREAKER MATERIAL COST				
B	PANELBOARD/CIRCUIT BREAKER LABOR COST				
D	PANELBOARD/CIRCUIT BREAKER DIRECT COST				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities			
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.11	Feeder/Sub Feeder Conductor				
A	Materials	1.00	roll		
	5.5 mm ² THHN/THWN Copper Wire (UL Listed)	3.00	lm		
	14 mm ² THHN Copper Wire (UL Listed)	1.00	roll		
B	Labor	Material Cost			
	Master Electrician	QTY	DAYS	RATE/DAY	
	Skilled Laborer	1.00	3		
	Common Laborer	1.00	3		
		2.00	3		
		Labor Cost			
A	FEEDER/SUB FEEDER CONDUCTOR MATERIAL COST				
B	FEEDER/SUB FEEDER CONDUCTOR LABOR COST				
D	FEEDER/SUB FEEDER CONDUCTOR DIRECT COST				
INDIRECT COSTS					
1.	OCM (0% - 15% of TDC)	7.0%	of Estimated Direct Cost		
2.	CONTRACTOR's PROFIT (0% - 10% of TDC)	7.0%	of Estimated Direct Cost		
E.	TOTAL OCM & PROFIT	14.0%	of D		
F.	VALUE ADDED TAX, (VAT)	5.0%	of (D + E)		
G.	TOTAL ESTIMATED INDIRECT COST (F + E), P				
H.	TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit				
	TOTAL ESTIMATED COST (D + G), P				
	TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit				
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities			
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.12	Feeder/Sub Feeder Conduit and Fittings				
A	Materials	17.00	lm		
	25mm diameter x 4m EMT	16.00	pc		
	25mm diameter LB Conduit	4.00	pcs		
	25mm diameter EMT Connector	8.00	pcs		
B	Labor	Material Cost			
	Master Electrician	QTY	DAYS	RATE/DAY	
	Skilled Laborer	1.00	3		
	Common Laborer	1.00	3		
		2.00	3		
		Labor Cost			
A	FEEDER/SUB FEEDER CONDUIT AND FITTINGS MATERIAL COST				
B	FEEDER/SUB FEEDER CONDUIT AND FITTINGS LABOR COST				
D	FEEDER/SUB FEEDER CONDUIT AND FITTINGS DIRECT COST				
INDIRECT COSTS					
1.	OCM (0% - 15% of TDC)	7.0%	of Estimated Direct Cost		
2.	CONTRACTOR's PROFIT (0% - 10% of TDC)	7.0%	of Estimated Direct Cost		
E.	TOTAL OCM & PROFIT	14.0%	of D		
F.	VALUE ADDED TAX, (VAT)	5.0%	of (D + E)		
G.	TOTAL ESTIMATED INDIRECT COST (F + E), P				
H.	TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit				
	TOTAL ESTIMATED COST (D + G), P				
	TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit				
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities			
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.13	Termination Accessories, Hangers and Supports				
A	Materials	1.00	lot		
	Electrical Tape, 19mm x 0.19mm x 16m	2.00	pcs		
	6mm diameter x 6m Round bar	3.00	pcs		
	Conduit hanger clamp	5.00	sets		
	6mm Expansion Shield	36.00	pcs		
	G.I. Tie Wire Ga. 16	2.00	kgs		
B	Labor	Material Cost			
	Foreman	QTY	DAYS	RATE/DAY	
	Skilled Laborer	1.00	1		
	Common Laborer	1.00	1		
		1.00	1		
		Labor Cost			
A	TOTAL MATERIAL COST				
B	TOTAL LABOR COST				
D	TOTAL DIRECT COST				
INDIRECT COSTS					
1.	OCM (0% - 15% of TDC)	7.0%	of Estimated Direct Cost		
2.	CONTRACTOR's PROFIT (0% - 10% of TDC)	7.0%	of Estimated Direct Cost		
E.	TOTAL OCM & PROFIT	14.0%	of D		
F.	VALUE ADDED TAX, (VAT)	5.0%	of (D + E)		
G.	TOTAL ESTIMATED INDIRECT COST (F + E), P				
H.	TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit				
	TOTAL ESTIMATED COST (D + G), P				
	TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit				

NAME OF PROJECT		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION		Sangley Airport, Sangley Point, Cavite City			
SUBJECT		Bill of Quantities			
ITEM	DESCRIPTION	QUANTITY	UNIT	QUANTITY 2.00	UNIT sets
4.00	MECHANICAL WORKS				
4.01	Air Conditioning Unit				
A	Materials	2.00	sets		
	1.0 Hp Inverter Wall mounted Split type Air Conditioning Unit	1.00	set		
	with complete standard accessories (indoor/outdoor unit hangers and supports, remote control, circuit breaker in NEMA-3R Enclosure, and other standard fittings)				
	Power Supply: 208-230V, 1Ø, 60 Hz				
	Cooling Capacity: 8,700 BTU/h				
	Energy Efficiency Ratio: 11.9BTU/h.w				
	Refrigerant: R410A/R32				
	2.0 Hp Inverter Wall mounted Split type Air Conditioning Unit	1.00	set		
	with complete standard accessories (indoor/outdoor unit hangers and supports, remote control, circuit breaker in NEMA-3R Enclosure, and other standard fittings)				
	Power Supply: 208-230V, 1Ø, 60 Hz				
	Cooling Capacity: 18,600 BTU/h				
	Energy Efficiency Ratio: 12.7BTU/h.w				
	Refrigerant: R410A/R32				
		Material Cost		.....
B	Labor	QTY	DAYS	RATE/DAY	
	Foreman	1.00	4		
	Skilled Laborer	2.00	1		
	Common Laborer	4.00	4		
		Labor Cost		.....
A	AIR CONDITIONING UNIT MATERIAL COST				
B	AIR CONDITIONING UNIT LABOR COST				
D	AIR CONDITIONING UNIT DIRECT COST				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR'S PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					
LOCATION		Sangley Airport, Sangley Point, Cavite City		QUANTITY	UNIT
SUBJECT		Bill of Quantities		1.00	lot
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
4.00	MECHANICAL WORKS				
4.02	Air Conditioning Unit Piping System				
A	Materials	1.00	lot		
	Copper Tube Soft Drawn 1/2" OD. 0.022 thickness x 15m	1.00	pc		
	Copper Tube Soft Drawn 3/8" OD. 0.022 thickness x 15m	1.00	pc		
	Copper Tube Soft Drawn 1/4" OD. 0.032 thickness x 15m	1.00	pc		
	Rubber Insulation 1/2" I.D. 3/4" thickness x 2m	3.00	pcs		
	Rubber Insulation 3/8" I.D. 3/4" thickness x 2m	3.00	pcs		
	Rubber Insulation 1/4" I.D. 1/2" thickness x 2m	6.00	pcs		
	Polyethylene tape	2.00	pcs		
	25mm diameter PVC Pipe x 3m (drain pipe)	5.00	pcs		
	25mm diameter PVC Elbow	6.00	pcs		
		Material Cost		.....
B	Labor	QTY	DAYS	RATE/DAY	
	Foreman	1.00	4		
	Skilled Laborer	2.00	4		
	Common Laborer	4.00	4		
		Labor Cost		.....
A	AIR CONDITIONING UNIT PIPING SYSTEM MATERIAL COST				
B	AIR CONDITIONING UNIT PIPING SYSTEM LABOR COST				
D	AIR CONDITIONING UNIT PIPING SYSTEM DIRECT COST				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR'S PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT : CONSTRUCTION OF CSIS OFFICE BUILDING					
DESCRIPTION : CONSTRUCTION OF CSIS OFFICE BUILDING					
LOCATION : Sangley Airport, Sangley Point, Cavite City					
SUBJECT : Bill of Quantities				QUANTITY	UNIT
				1.00	lot
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
5.00	PLUMBING WORKS				
5.01	Fixtures				
A	Materials				
	Water closet w/ complete accessories w/ fittings	1.00	set		
	Lavatory wall mounted w/ complete Fittings (American Standard or equivalent)	1.00	set		
	Urinal Vitreous - Stall type with lever flush mechanism and complete fittings	1.00	set		
	Floor drain, 100mm x 100mm, stainless steel	1.00	set		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	2		
	Skilled Workers	1.00	2		
	Common Workers	2.00	2		
			Labor Cost	.....
A	Fixtures Material Cost				
B	Fixtures Labor Cost				
C	Fixtures Equipment Cost				
D	Fixtures Direct Cost				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					
LOCATION : Sangley Airport, Sangley Point, Cavite City				QUANTITY	UNIT
SUBJECT : Bill of Quantities				1.00	lot
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
5.02	Sewer Line				
A	Materials				
	4"Ø x 10' PVC Pipe, Series 1000	3.00	pcs		
	2"Ø x 10' PVC Pipe, Series 1000	5.00	pcs		
	4"Ø PVC Sanitary Tee	2.00	pcs		
	2"Ø PVC Sanitary Tee	2.00	pcs		
	4"Ø 90° PVC Elbow	3.00	pcs		
	2"Ø 90° PVC Elbow	3.00	pcs		
	4"Ø PVC Sanitary Cross Tee	1.00	pcs		
	2"Ø P-Trap (lavatory)	1.00	pcs		
	2"Ø P-Trap (floor drain)	1.00	pcs		
	4"Ø PVC Cap	2.00	pcs		
	4"Ø PVC Clean out Plug	1.00	pcs		
	Solvent cement	4.00	L		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	4		
	Skilled Workers	1.00	4		
	Common Workers	2.00	4		
			Labor Cost	.....
A	Sewer Line Works Material Cost				
B	Sewer Line Works Labor Cost				
C	Sewer Line Works Equipment Cost				
D	Sewer Line Works Direct Cost				
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE BUILDING			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION :		Sangley Airport, Sangley Point, Cavite City			
SUBJECT :		Bill of Quantities		QUANTITY	UNIT
				1.00	lot
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
5.03	Water Line				
A	Materials				
	20mmØ x 4m PPR Pipe	6.00	pcs		
	12mmØ x 4m PPR Pipe	15.00	pcs		
	20mmØ Gate Valve	2.00	pcs		
	12mmØ Gate Valve	2.00	pcs		
	Hose bibb	5.00	sets		
	25mmØ x 20mm Tee reducer	2.00	pcs		
	25mmØ x 12mm Tee reducer	2.00	pcs		
	20mmØ x 12mm Tee reducer	5.00	pcs		
	12mmØ 90° Elbow	9.00	pcs		
	20mmØ 90° Elbow	12.00	pcs		
	20mmØ x 12mm 90° Elbow reducer	3.00	pcs		
	Teflon tape	3.00	pcs		
			Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	8		
	Skilled Workers	2.00	8		
	Common Workers	2.00	8		
			Labor Cost	.....
A Water Line Works Material Cost					
B Water Line Works Labor Cost					
C Water Line Works Equipment Cost					
D Water Line Works Direct Cost					
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					
LOCATION :		Sangley Airport, Sangley Point, Cavite City		QUANTITY	UNIT
SUBJECT :		Bill of Quantities		1.00	lot
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
5.04	Septic Tank				
A	Materials				
	CHB 6"	270.00	pcs		
	Portland Cement, 40 Kg	36.00	bags		
	Sand	3.80	cu.m.		
	Gravel, 3/4" Crushed	1.50	cu.m.		
	10 mm Ø x 6m DRSB	29.00	pcs		
	# 16 GI Tie Wire	17.56	kgs		
	1/2" x 4' x 8' Ordinary Plywood	3.00	pcs		
	2" x 3" coco Lumber	198.00	bd.ft		
	CWN (Assorted)	3.56	kgs		
	4"Ø x 10' PVC Pipe	2.00	pcs		
	4"Ø PVC Clean out Plug	2.00	pcs		
	4" x 4'Ø VC Sanitary Tee	3.00	pcs		
	Solvent cement	2.00	L		
			Material Cost	.....
B	Labor	# of Manpower	DUR. (DAYS)	RATE/DAY	
	Construction Foreman	1.00	8		
	Skilled Workers	2.00	8		
	Common Workers	4.00	8		
			Labor Cost	.....
A Septic Tank Material Cost					
B Septic Tank Labor Cost					
C Septic Tank Equipment Cost					
D Septic Tank Works Direct Cost					
INDIRECT COSTS					
1. OCM (0% - 15% of TDC)		7.0%	of Estimated Direct Cost		
2. CONTRACTOR's PROFIT (0% - 10% of TDC)		7.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		14.0%	of D		
F. VALUE ADDED TAX, (VAT)		5.0%	of (D + E)		
G. TOTAL ESTIMATED INDIRECT COST (F + E), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE BUILDING			
LOCATION :		Sangley Airport, Cavite City			
SUBJECT :		Bill of Quantities		QUANTITY	UNIT
ITEM	DESCRIPTION	QUANTITY	UNIT	L.00 UNIT COST	lot AMOUNT (P)
6.00	FURNITURE				
A	Materials				
	Executive Table	1.00	unit		
	VR SR90 (Side Table) VR M21 (Mobile Pedestal)				
	Side (Fixed Pedestal)				
	Material: MFC Table & legs, w/ side board and fixed/mobile pedestal				
	Finish: Cherry				
	Dimension: W 150 x D 70 x H 75 cm				
	Executive Chair	1.00	pc		
	High-back Leatherette Executive Chair with armrest				
	360° swivel				
	Material: Synthetic Leather + Chrome Base				
	Color: Black				
	Dimension: 64cm x 73cm x 107-117cm				
	Office Table	2.00	pcs		
	Freestanding Table				
	2 Tone - Office Table				
	Material: Melamine scratch proof				
	Finish: Beechwood				
	Dimension: L 120 x W 60 x H 75 cm				
	Office Chair	2.00	pcs		
	High-back chair with armrest				
	2 Tone - Office Table				
	Materials:				
	Backrest - Mesh/net				
	Seatrest - Fabric				
	PVC armrest				
	Chrome Starbase				
	Accessories: Gaslift, Caster wheel, Armrest				
	Finish: Black				
	Dimension: 64cm x 73cm x 107-117cm				
	Steel Cabinet	2.00	units		
	Lateral All-Metal Body Cabinet - 3 Drawers				
	Key-Lock Mechanism				
	Metal Thickness: 0.7mm / Gauge no. 22				
	Color: Light Gray				
	Dimension: W 900 x D 450 x H 1328mm				
	Locker Cabinet	2.00	units		
	6-Door Steel Locker Cabinet				
	Color: Light Gray				
	Thickness: 0.7mm / Gauge no. 22				
	Dimension: H 1850 x W 900 x D 450 mm				
	Sofa Set	1.00	set		
	Freestanding Table				
	2 Tone - Office Table				
	Material: Leatherette, Wood, Ply, foam, plastic footings				
	Color: Black				
	Dimension: 3-Seater: L147 x W76 x H81 cm				
	1-Seater: L81 x W76 x H81 cm				
			Material Cost	.....
A	TOTAL MATERIAL COST				
D	TOTAL DIRECT COST				
INDIRECT COSTS					
1.	OCM (0% - 15% of TDC)	0.0%	of Estimated Direct Cost		
2.	CONTRACTOR'S PROFIT (0% of TDC)	0.0%	of Estimated Direct Cost		
E.	TOTAL OCM & PROFIT	0.0%	of D		
F.	VALUE ADDED TAX, (VAT)	5.0%	of (D + E)		
G.	TOTAL ESTIMATED INDIRECT COST (F + E), P				
H.	TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit				
	TOTAL ESTIMATED COST (D + G), P				
	TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit				

Section IX. Bidding Forms

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Other Bidding Forms

(ANNEX “A”)

ANNEX “A” FORM 1.....STATEMENT OF ALL ON-GOING CONTRACTS
ANNEX “A” FORM 2.....STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT
ANNEX “A” FORM 3.....JOINT RESOLUTION FORM FOR JVA

CAAP-BAC-SF Annex "A" Form 1

{ATTACH COMPANY LETTERHEAD/LOGO}

Statement of all its ON-GOING 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

Name of Project: _____

Location of Project: _____

Name of Company : _____

Address of Company: _____

Name of Contract	a. Owner's Name b. Address c. Telephone No.	Nature of Work	Contractor's Role		Contract Amount at Award	a. Date Awarded b. Date of Contract c. Contract Duration d. Date Started e. Date Completed	Accomplishment		Values of Outstanding Works
			Description	%			Planned	Actual	
Government									
Private									
Total value of outstanding works									

Submitted by: _____
(Print Name & Signature)

Designation: _____

Date: _____

{ ATTACH COMPANY LETTERHEAD/LOGO }

Statement of single largest COMPLETED contract similar to the contract to be bid

Name of Project: _____

Location of Project: _____

Name of Company : _____

Address of Company: _____

Name of Contract	a. Owner's Name b. Address c. Telephone No.	Nature of Work	Contractor's Role		Contract Amount at Award	a. Date Awarded b. Date of Contract c. Contract Duration d. Date Started e. Date Completed
			Description	%		

Submitted by: _____

(Print Name & Signature)

Designation: _____

Date: _____

JOINT RESOLUTION

Whereas, _____(Bidder / Name of Particular JV Partner), duly organized and existing under the Laws of the _____, with office address at _____, represented herein by its _____, and _____(Name of Particular JV Partner), duly organized and existing under the Laws of the _____, with main office address at _____, represented by herein by its _____, have entered into a Joint Venture (JV) Agreement to undertake the following project / contract:

(Name of Project / Contract)

Whereas, in order to facilitate the orderly execution and conduct of the contract that was entered into by the joint venture in the name of the joint venture, it is hereby resolved by the parties in the Joint Venture as follows:

- a. To appoint _____ as the Authorized Managing Officer and Official Representative, to represent, to manage the Joint Venture and is empowered to enter in contract in the name of the Joint Venture, or to sign for any document in the name of the Joint Venture required by the (Procurement Agency) or any entities pursuant to the terms of the Joint Venture Agreement:
- b. That, the parties agreed to make _____(Name of Particular Lead Partner) as the Lead Partner of the Joint Venture and (Name of Authorized Officer) _____ as the Official Representative & Managing Partner of the Joint Venture, and are granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the Joint Venture in the Eligibility Check, Bidding and Undertaking of the said contract in the name of the Joint Venture, as fully and effectively and the Joint Venture may do and if personally present with full power of substitution and revocation. _____ is fully authorized and empowered to sign any or all documents pertaining to the above stated project / contract in the name of the Joint Venture.
- c. That the parties agree to be jointly and severally liable for their participation in the Eligibility Check, Bidding and Undertaking of the said contract.
- d. That the terms of the JV Agreement entered into the parties shall be valid and is co-terminus with the final completion and turnover of the Name of Contract / Project

to the agency of the government, which in this case, the (Name of Procurement Entity)

IN WITNESS THEREFORE, We hereby sign jointly this Joint Resolution this _____ day of _____, 20____in_____.

Name of Bidder (Lead Partner)

Name of Bidder (Member Partner)

By:_____

By:_____

Signature & Name of
Managing Officer

Signature & Name of Authorized
Authorized Representative

Designation / Position

Designation / Position

Name of Bidder (Member Partner)

Name of Bidder (Member Partner)

By:_____

By:_____

Signature & Name of
Managing Officer

Signature & Name of Authorized
Authorized Representative

Designation / Position

Designation / Position

SIGNED IN THE PRESENCE OF:

ACKNOWLEDGEMENT

REPUBLIC OF THE PHILIPPINES)

CITY OF _____)S.S.

BEFORE ME, a Notary Public, for and in the City of _____,
Philippines, this _____ day of _____, 20__ personally appeared the following
persons:

NAME	Community Cert. No.	Date / Place of Issue
------	---------------------	-----------------------

Representing to be the _____ of
_____ and _____ of

_____ respectively, known to me and
to me known to be the same persons who executed the foregoing instrument for and in
behalf of said corporations and who acknowledge to me that same is their free and
voluntary act and deed as well as of the corporations which they represent, for the uses,
purposes, and considerations therein set forth and that they are duly authorized to sign the
same.

This Instrument consists of THREE (3) pages including this page wherein this
Acknowledgement is written and signed by the parties and their instrumental witnesses on
each and every page thereon.

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

NOTARY PUBLIC

Doc. No. _____

Book No. _____

Page No. _____

Series of _____

Other Bidding Forms

(ANNEX “B”)

Annex “B” Form 1	Certificate of Site Inspection
Annex “B” Form 2	Bid Securing Declaration
Annex “B” Form 3	Organizational Chart of Contract to be Bid
Annex “B” Form 4	Qualification of Key Personnel Proposed to be Assigned in the Project
Annex “B” Form 5a	Contractor's Letter-Certificate to Procuring Entity
Annex “B” Form 5b	Key Personnel's Certificate of Employment
Annex “B” Form 5c.....	Key Personnel (Format of Bio-Data)
Annex “B” Form 6	List of Equipment Owned or Leased and/or under Purchased
Annex “B” Form 7	Omnibus Sworn Statement



Republic of the Philippines
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

CERTIFICATE OF SITE INSPECTION

This is to CERTIFY that _____, employee of
_____, has conducted the required Site Inspection for the
bidding _____ of _____ the _____ project
"_____".

Issued this ____ of _____, 2023

Airport Manager/Officer-in-Charge:

Signature over Printed Name

Bid-Securing Declaration

(REPUBLIC OF THE PHILIPPINES)

CITY OF _____) S.S.

X ----- X

Invitation to Bid *[Insert reference number]*

To: *[Insert name and address of the Procuring Entity]*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1 (f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
 - c. I am/we are declared as the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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

[Insert NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

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

_____.

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

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ **until** _____

Roll of Attorneys No. _____

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

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

Doc. No. _____

Page No. Book

No. Series of _.

Contractor’s Organizational Chart for the Project

Submit Copy of the Organizational Chart that the Contractor intends to use to execute the contract if awarded to him. Indicate in the chart the names of the Key Engineering Personnel who will be assigned in the Project.

{ ATTACH COMPANY LETTERHEAD/LOGO }

Attach the required Proposed Organizational Chart for the Contract as stated above.

Submitted by: _____

Designation : _____

Date : _____

{ATTACH COMPANY LETTERHEAD/LOGO}

Qualification of Key Personnel Proposed to be Assigned to the Project

Name of Project: _____

Location of Project: _____

Name of Company: _____

Address of Company: _____

	Project Manager/Engineer	Material Engineer	Foreman	Construction Safety and Health Personnel	Other Position deemed required by the Applicant for this project
1. Name					
2. Address					
3. Date of Birth					
4. Employed Since					
5. Experience					
6. Previous Employment					
7. Education					
8. PRC License					

Note: Attached individual PRC License of the (professional) personnel.

Submitted by : _____
(Signature over Printed Name)

Designation : _____

Date : _____

{ ATTACH COMPANY LETTERHEAD/LOGO }

Date: _____

ROLDAN P. ABEJUELA

Chairman, Bids and Awards Committee
Civil Aviation Authority of the Philippines-Area III
0385 Lumangbayan Plaridel Airport, Plaridel Bulacan
Tel: 044 794 7071

Subject: Contractor's Letter-Certificate to Procuring Entity

Dear Sir:

Supplementing our Organizational Chart for the Contract, we have the honor to submit herewith, and to certify as true and correct, the following pertinent information:

That I/we have engaged the service of (Name of Employee) , to be the (Designation) of the (Name of Project), who is a (Profession) with Professional License Certificate No. issued on and who has performed the duties in the construction of the project enumerated in the filled Annex -B|| Form 5b.

That (Name of Employee) shall personally perform the duties of the said position in the above-mentioned project, if and when the same is awarded in our favor.

That (Name of Employee) shall employ the best care, skill and ability in performing his duties in accordance with the Contract Agreement, Conditions of Contract, Plans, Specifications, Special Provisions, and other provisions embodied in the proposed contract.

That (Name of Employee) shall be personally present at the jobsite all the time to supervise the phase of the construction work pertaining to his assignment as (Designation).

That (Name of Employee) is aware that he shall be authorized to handle only one contract at a time.

That in order to guarantee that (Name of Employee) shall perform his duties properly and be personally present in the Job Site, he is hereby required to secure a certificate of appearance for the Procuring Entity's Engineer at the end of every month.

That in the event that I/we elect or choose to replace (Name of Employee) with another Engineer, the Procuring Entity will be accordingly notified by us in writing at least twenty one (21) days before making replacement. We will submit to the Procuring Entity, for prior approval, the name of the proposed new (Designation) , his qualification, experience, list of projects undertaken and other relevant information.

That any willful violation on my/our part of the herein conditions may prejudice my/our standing as a reliable contractor in future bidding of the Procuring Entity.

Very truly yours,

(Authorized Representative of Bidder)

CONCURRED BY:

(Name of Engineer)

{ ATTACH COMPANY LETTERHEAD/LOGO }

Date: _____

ROLDAN P. ABEJUELA

Chairman, Bids and Awards Committee
Civil Aviation Authority of the Philippines-Area III
0385 Lumangbayan Plaridel Airport, Plaridel Bulacan
Tel: 044 794 7071

Subject: Key Personnel's Certificate of Employment

Dear Sir:

I am (Name of Employee) a License _____ Engineer with Professional License No. _____ issued on (Date of Issuance) at (Place of Issuance) .

I hereby certify that (Name of Bidder) has engaged my services as (Designation) for (Name of the Project) , if awarded in their favor.

As (Designation) , I know I will have to stay in the job site all the time to supervise and managed the Contract works to the best of my ability, and aware that I am authorized to handle only one (1) contract at a time.

I do not allow the use of my name for the purpose of enabling the above-mentioned Contractor to qualify for the Contract without any firm commitment on my part to assume the post of (Designation) .

As (Designation) , I supervised the following completed projects similar to the contract under bidding:

NAME OF PROJECT	OWNER	COST	DATE COMPLETED
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

At present, I am supervising the following project:

NAME OF PROJECT	OWNER	COST	DATE COMPLETION
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

In case of my separation for any reason whatsoever from the above-mentioned Contractor, I shall notify the _____ (*Name of the Procuring Entity*) at least twenty one (21) days before the effective date of my separation.

(Signature of Engineer)

SUBSCRIBED AND SWORN to before me this ____ day of _____, 20____
affiant exhibiting to me his/her Residence Certificate No. _____ issued
on _____ at _____, Philippines.

Notary Public

Until 31 December 20____
PRT No.: _____
Issued at: _____
Issued on: _____
TIN No.: _____

Doc. No. _____
Page No. _____
Book No. _____
Series of _____

KEY PERSONNEL (FORMAT OF BIO-DATA)

Give the detailed information of the following personnel who are scheduled to be assigned as full-time field staff for the project. Fill up a form for each person.

1. Authorized Managing Officer / Representative: _____
2. Sustained Technical Employee: _____

Name: _____

Date of Birth: _____

Nationality: _____

Education and Degrees: _____

Specialty: _____

Registration: _____

Length of Service with the Firm:

_____Year From_____ (months)_____ (year)
To _____ (months)_____ (year)

Years of Experience:

If Item 7 is less than ten (10) years, give name and length of service with previous employers for a ten (10) year period (attached additional sheet/s, if necessary):

Name and Address of Employer Length of Service

_____ year(s) from _____ to _____

_____ year(s) from _____ to _____

_____ year(s) from _____ to _____

Experience:

This should cover the past ten (10) years of experience. (Attached as many ages as necessary to show involvement of personnel in projects using the format below).

- a. Name: _____
- b. Name and Address of Owner: _____
- c. Name and Address of the Owner's Engineer (Consultant): _____
- d. Indicate the Features of Project (particulars of the project components and any other particular interest connected with the project): _____
- e. Contract Amount Expressed in Philippine Currency: _____
- f. Position: _____
- g. Structures for which the employee was responsible: _____
- h. Assignment Period: from _____(months) _____(years)
to _____(months) _____(years)

Name and Signature of Employee

It is hereby certified that the above personnel can be assigned to the _____ Project, if the contract is awarded to our company.

(Place and Date)

(The Authorized Representative)

List of Equipment, Owned or Leased and/or under Purchased Agreements, Pledge to the Proposed Project

Name of Project: _____

Location of Project: _____

Name of Company: _____

Address of Company: _____

Description	Model/Year	Capacity/ Performance/ Size	Plate No.	Motor No./ Body No.	Location	Condition	Proof of Ownership/ Lessor or Vendor
A. <u>Owned</u>							
I.							
II.							
III.							
IV.							
V.							
B. <u>Leased</u>							
I.							
II.							
III.							
IV.							
V.							
C. <u>Under Purchased Agreement</u>							
I.							
II.							
III.							
IV.							
V.							

Submitted by : _____

(Signature over Printed Name)

Designation : _____

Date : _____

Omnibus Sworn Statement

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

A F F I D A V I T

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

1. Select one, delete the other:

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

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

2. Select one, delete the other:

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

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]*, accompanied by the duly notarized Special Power of Attorney, Board/Partnership Resolution, or Secretary's Certificate, whichever is applicable;

3. *[Name of Bidder]* is not ~~blacklisted~~ or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. *[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *Select one, delete the rest:*

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

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

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

7. *[Name of Bidder]* complies with existing labor laws and standards; and
8. *[Name of Bidder]* is aware of and has undertaken the following responsibilities as a Bidder:
 - a. Carefully examine all of the Bidding Documents;
 - b. Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Made an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquire or secure Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

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

Bidder's Representative/Authorized Signatory

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

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

NAME OF NOTARY PUBLIC

Serial No. of Commission _____
Notary Public for _____ until _____
Roll of Attorneys No. _____
PTR No. _____ [date issued], [place issued]
IBP No. _____ [date issued], [place issued]

Doc. No.
Page No.
Book No.
Series of _____

* This form will not apply for WB funded projects.

{ATTACH COMPANY LETTERHEAD/LOGO}

Bid Form

Date: _____

IB² N^o: _____

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

Address: *[insert address]*

We, the undersigned, declare that:

- (a) We have examined and have no reservation to the Bidding Documents, including Addenda, for the Contract *[insert name of contract]*;
- (b) We offer to execute the Works for this Contract in accordance with the Bid and Bid Data Sheet, General and Special Conditions of Contract accompanying this Bid;

The total price of our Bid, excluding any discounts offered below is: *[insert information]*;

The discounts offered and the methodology for their application are: *[insert information]*;

- (c) Our Bid shall be valid for a period of *[insert number]* days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (d) If our Bid is accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract;
- (e) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from the following eligible countries: *[insert information]*;
- (f) We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- (g) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the Contract, has not been declared ineligible by the Funding Source;

² If ADB, JICA and WB funded projects, use IFB.

- (h) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- (i) We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- (j) We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].**
- (k) We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.**

Name: _____

In the capacity of: _____

Signed: _____

Duly authorized to sign the Bid for and on behalf of: _____

Date: _____

Other Bidding Forms

(ANNEX “C”)

Annex “C” Form 1	Bill of Quantities
Annex “C” Form 2	Summary Bid Proposal
Annex “C” Form 3	Bill of Materials & Cost Estimates
Annex “C” Form 4	Summary of Unit Prices of Materials
Annex “C” Form 5	Summary of Unit Prices of Labor
Annex “C” Form 6	Summary of Unit Prices of Equipment
Annex “C” Form 7	Cash Flow by Quarter and Payment Schedule

CAAP-BAC-SF Annex "C" Form 1

{ATTACH COMPANY LETTERHEAD/LOGO}

BILL OF QUANTITIES

PROJECT: _____

LOCATION: _____

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
	Pesos _____ Amount in Words _____ _____ _____ _____ and _____ _____ centavos				
	Pesos _____ Amount in Words _____ _____ _____ _____ and _____ _____ centavos				
	Pesos _____ Amount in Words _____ _____ _____ _____ and _____ _____ centavos				
	Pesos _____ Amount in Words _____ _____ _____ _____ and _____ _____ centavos				

TOTAL BID AMOUNT (Php)

TOTAL BID AMOUNT IN WORDS

Signature: _____
 Printed Name: _____
 Position: _____
 Name Company: _____
 Date: _____

{ATTACH COMPANY LETTERHEAD/LOGO}

SUMMARY OF BID PROPOSAL

PROJECT:

LOCATION:

ITEM NO.	DESCRIPTION OF WORK	QTY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		V.A.T.	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9] [5] x [8]	[10] 5%{[5] + [9]}	[11] [9] + [10]	[12] [5] + [11]	[13] [12] / [3]

SUBMITTED BY:

Signature: _____
Printed Name: _____
Position: _____
Name Company: _____
Date: _____

CAAP-BAC-SF Annex “C” Form 3

{ATTACH COMPANY LETTERHEAD/LOGO}

BILLOF MATERIALS & COST ESTIMATES					
NAME OF PROJECT		:			
DESCRIPTION		:			
LOCATION		:			
				QUANTITY	UNIT
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
A	TOTAL MATERIAL COST				
B	TOTAL LABOR COST				
C	TOTAL EQUIPMENT COST				
D	TOTAL DIRECT COST				
INDIRECT COSTS					
1. OCM (0% of TDC)					
2. CONTRACTOR'S PROFIT (0% of TDC)					
E. TOTAL OCM & CONTRACTOR'S PROFIT					
F. VALUE ADDED TAX, (VAT) 5.0%					
G. TOTAL ESTIMATED INDIRECT COST (E + F), P					
H. TOTAL ESTIMATED UNIT INDIRECT COST (G / Quantity), P/Unit					
TOTAL ESTIMATED COST (D + G), P					
TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

SUBMITTED BY:

Signature: _____

Printed Name: _____

Position: _____

Name Company: _____

Date: _____

{ATTACH COMPANY LETTERHEAD/LOGO}

SUMMARY FOR UNIT PRICES OF MATERIALS

PROJECT: _____

LOCATION: _____

DESCRIPTION	UNIT PRICE	UNIT

SUBMITTED BY:

Signature: _____

Printed Name: _____

Position: _____

Name Company: _____

Date: _____

{ATTACH COMPANY LETTERHEAD/LOGO}

SUMMARY FOR UNIT PRICES OF LABOR

PROJECT: _____

LOCATION: _____

DESCRIPTION	UNIT PRICE	UNIT

SUBMITTED BY:

Signature: _____

Printed Name: _____

Position: _____

Name Company: _____

Date: _____

{ATTACH COMPANY LETTERHEAD/LOGO}

SUMMARY FOR UNIT PRICES OF EQUIPMENT

PROJECT: _____

LOCATION: _____

DESCRIPTION	UNIT PRICE	UNIT

SUBMITTED BY:

Signature: _____

Printed Name: _____

Position: _____

Name Company: _____

Date: _____

{ATTACH COMPANY LETTERHEAD/LOGO}

Name of Project : _____

Location of Project : _____

CASH FLOW BY QUARTER AND PAYMENT SCHEDULE

PARTICULAR	% W	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
ACCOMPLISHMENT					
CASH FLOW					
CUMULATIVE ACCOMPLISHMENT					
CUMULATIVE CASH FLOW					

Submitted by:

Name of the Representative of the Bidder

Position

Name of the Company

Date

Other Bidding Forms

(ANNEX “D”)

Annex “D” Form 1..... Authority of Signatory (Secretary's Certificate)

**AUTHORITY OF SIGNATORY
(SECRETARY'S CERTIFICATE)**

I,, a duly elected and qualified Corporate Secretary of (Name of the Bidder), a corporation duly organized and existing under and by virtue of the law of the, DO HEREBY CERTIFY, that:

I am familiar with the facts herein certified and duly authorized to certify the same;

At the regular meeting of the Board of Directors of the said Corporation duly convened and held on at which meeting a quorum was present and acting throughout, the following resolutions were approve, and the same have been annulled, revoked and amended in any way whatever and are in full force and effect on the date hereof:

RESOLVED, that (Name of Bidder) be, as it hereby is, authorized to participate in the bidding of (Name of the Project) by the (Name of the Procuring Entity); and in that if awarded the project shall enter into a contract with the (Name of the Procuring Entity) and in connection therewith hereby appoints (Name of Representative), acting as duly authorized and designated representatives of (Name of the Bidder), and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent (Name of the Bidder) in the bidding as fully and effectively as the (Name of the Bidder) might do if personally present with full power of substitution and revocation and hereby satisfying and confirming all that my said representative shall lawfully do or cause to be done by virtue hereof;

RESOLVED FERTHER THAT, the Board hereby authorized its President
to:

- a. execute a waiver of jurisdiction whereby the (Name of the Bidder) hereby submits itself to the jurisdiction of the Philippine government and hereby waives its right to question the jurisdiction of the Philippine court;
- b. execute a waiver that the (Name of the Bidder) shall not seek and obtain writ of injunctions or prohibition or restraining order against the CAAP or any other agency in connection with this Project to prevent and restrain the bidding procedures related thereto, the negotiating and award of a contract to a successful bidder, and the carrying out of the awarded project.

WITNESS the signature of the undersigned as such officer of the said this.

(Corporate Secretary)

SUBSCRIBED AND SWORN to before me this day of, 20affiant exhibited to me
his/her Community Tax Certificate No. _____ issued on _____
_____ at, Philippines.

Notary Public

Until 31 December 20_____

PRT No.: _____

Issued at: _____

Issued on: _____

TIN No.: _____

Doc. No. _____

Page No.: _____

Book No.: _____

Series of _____

Section X. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary “pass/fail” criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

Checklist of Technical and Financial Documents

1. Each and every page thereof shall be initialed/signed by the duly authorized representative/s of the Bidder.
 - a. Submitted Eligibility, Technical and Financial documents shall be properly marked with index tabs (ear tab) and must be sequentially paginated in accurate order in the form i.e. ~~page 3 of 100~~ll. Page number of last page of the document (per envelope basis).
 - b. Pagination should be sequential based on the entire span of the whole documents inside the envelope.

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or
- ☐ (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document;
and
- ☐ (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- ☐ (e) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- ☐ (f) Statement of the prospective bidder 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**
- ☐ (g) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules;
and
- ☐ (h) Philippine Contractors Accreditation Board (PCAB) License;
or
Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**
- ☐ (i) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**
- ☐ (j) Project Requirements, which shall include the following:
 - a. Organizational chart for the contract to be bid;

- ☐ b. List of contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
- ☐ c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**
- ☐ (k) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.
 - a. Certification, under oath, attesting that they have no pending case(s) against the Government, in addition to the eligibility requirements as prescribe under the 2016 Revised Implementing Rules and Regulation (R-IRR) of RA No. 9184; and
 - b. Legal Clearance to be issued by the CAAP Enforcement and Legal Service with respect to the non-pending cases of the prospective bidders against this Authority

Financial Documents

- ☐ (l) The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- ☐ (m) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

- ☐ (n) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence; **or** duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

- ☐ (o) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

- ☐ (p) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- ☐ (q) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- ☐ (r) Cash Flow by Quarter.

