



Republic of the Philippines
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PUERTO PRINCESA INTERNATIONAL AIRPORT
National Highway, Brgy. San Miguel, Puerto Princesa City, 5300, Palawan

CONSTRUCTION OF CSIS
OFFICE

AT
PUERTO PRINCESA INTERNATIONAL
AIRPORT

22-08-04

Sixth Edition
August 31 – September 20, 2022

Preface

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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



Invitation to Bid for

CONSTRUCTION OF CSIS OFFICE AT PUERTO PRINCESA INTERNATIONAL AIRPORT

22-08-04 (Identification Number)

1. The **CIVIL AVIATION AUTHORITY OF THE PHILIPPINES, AREA CENTER IV – PUERTO PRINCESA INTERNATIONAL AIRPORT** through the CAAP Corporate Budget CY 2022 intends to apply the sum of **TWO MILLION SIXTY-TWO THOUSAND FOUR HUNDRED FIFTY-THREE PESOS & 91/100 ONLY (PHP2,062,453.91)** being the Approved Budget for the Contract (ABC) to payments under the contract for **CONSTRUCTION OF CSIS OFFICE AT PUERTO PRINCESA INTERNATIONAL AIRPORT** with **Identification Number 22-08-04**. Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The **CIVIL AVIATION AUTHORITY OF THE PHILIPPINES, AREA CENTER IV – PUERTO PRINCESA INTERNATIONAL AIRPORT** now invites bids for the above Procurement Project. Completion of the Works is required by **Ninety (90) calendar days and upon the receipt of the Notice to Proceed (NTP)**. Bidders should have completed, within three (3) years, from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

Prospective Bidders should possess the following:

Technical Personnel	One (1) Civil Engineer One (1) Master Electrician One (1) Aircon Technician One (1) Safety Officer One (1) Foreman Ten (10) Skilled (Welder, Mason, Painter, Carpenter, Plumber) Twenty (20) Common Laborer
Equipment / Tools	One (1) One-Bagger Concrete Mixer One (1) Concrete Vibrator Two (2) Welding Machine, 200 Amp Two (2) Cut-Off Machine inclusive of 5 blades One (1) Cutting Torch
PCAB License	Small B – License Category C & D

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 **CAAP – AREA IV BAC Office on August 31, 2022 until deadline of submission of bid** and inspect the Bidding Documents at the address given below from **Monday to Friday – 8:00 am to 5:00 pm, except for holidays.**
5. A complete set of Bidding Documents may be acquired by interested bidders on **August 31, 2022 until deadline of submission of bid** from given address and website/s 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 & 00/100 Only (Php5,000.00) (exclusive of additional 12% VAT).** The Procuring Entity shall allow the bidder to present its proof of payment for the fees by presenting the official receipt in person or by sending it to the email address given below.
6. The **CIVIL AVIATION AUTHORITY OF THE PHILIPPINES, AREA CENTER IV – PUERTO PRINCESA INTERNATIONAL AIRPORT** will hold a Pre-Bid Conference on **September 8, 2022, 1:00 p.m. onwards, at CAAP PPIA Conference Room, Engineering Building, Brgy. San Miguel, Puerto Princesa City,** which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through (i) manual submission at **CAAP PPIA BAC Area Center IV Office, Admin Building, Brgy. San Miguel, Puerto Princesa City,** (ii) online or electronic submission as indicated below, or (iii) both, on or before **September 20, 2022, 3:00 p.m.** late bids shall not be accepted.
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 **September 20, 2022, 3:00 p.m. onwards** at **CAAP PPIA Conference Room, Engineering Building, Brgy. San Miguel, Puerto Princesa City,** 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, AREA CENTER IV – PUERTO PRINCESA INTERNATIONAL AIRPORT** shall resolve cases involving a tie by a toss coin.
11. Each Bidder shall submit, at their option, hard copy and/or electronic copy of their bids.
 - a. For hard copy, one original and two copies of the first and second components of its bid. Three-envelope system.
 - b. For electronic copy, submit a Searchable Portable Document Format (Searchable PDF), the first and second components of its bid in two separate files, both must be digitally signed, and password protected.
12. The **CIVIL AVIATION AUTHORITY OF THE PHILIPPINES, AREA CENTER IV – PUERTO PRINCESA INTERNATIONAL AIRPORT** 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.

13. For further information, please refer to:

JELYN B. GABUCO

Head BAC Secretariat

Civil Aviation Authority of the Philippines-Puerto Princesa International Airport

CAAP – PPIA BAC AREA IV Office

Admin. Building,

National Highway, Brgy. San Miguel

Puerto Princesa City, 5300, Palawan

Telephone Number – (048) 433-4965

area4_bac@caap.gov.ph

14. You may visit the following websites:

For downloading of Bidding Documents : 1) *PhilGEPS website*
2) *caap.gov.ph*

For electronic bid submission : 1) *USB flash drive or cd/dvd rom*
2) *area4_bac@caap.gov.ph*

August 31, 2022



ROWLAND G. ALARCON

Chairperson, Bids and Awards Committee
CAAP AREA CENTER IV - PPIA

Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, **CIVIL AVIATION AUTHORITY OF THE PHILIPPINES, AREA CENTER IV – PUERTO PRINCESA INTERNATIONAL AIRPORT** invites Bids for the **CONSTRUCTION OF CSIS OFFICE AT PUERTO PRINCESA INTERNATIONAL AIRPORT** with **Project Identification Number 22-08-04**.

The **Procurement Project** (referred to herein as “**CONSTRUCTION OF CSIS OFFICE**” AT PUERTO PRINCESA INTERNATIONAL AIRPORT) 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 2022 in the amount of **TWO MILLION SIXTY-TWO THOUSAND FOUR HUNDRED FIFTY-THREE PESOS & 91/100 ONLY (PHP2,062,453.91)**.

2.2. The source of funding is GOCC and GFIs, the proposed 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

The Procuring Entity has prescribed that 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 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 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 *One Hundred Twenty (120) calendar days from the date of Opening of Bids*. 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 16 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

Bid Data Sheet

ITB Clause																									
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: “Building Construction”																								
7.1	Subcontracting is not allowed.																								
10.3	Valid PCAB License or Special PCAB License in case of Joint Ventures, and registration (Small B – License Category C & D) for the type and cost of this project.																								
10.4	The key personnel must meet the required minimum years of experience set below: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Key Personnel</u></th> <th style="text-align: center;"><u>General Experience</u></th> <th style="text-align: center;"><u>Relevant Experience</u></th> </tr> </thead> <tbody> <tr> <td>1. Civil Engineer</td> <td style="text-align: center;">1 year</td> <td style="text-align: center;">1 year</td> </tr> <tr> <td>2. Master Electrician</td> <td style="text-align: center;">1 year</td> <td style="text-align: center;">1 year</td> </tr> <tr> <td>3. Aircon Technician</td> <td style="text-align: center;">1 year</td> <td style="text-align: center;">1 year</td> </tr> <tr> <td>4. Safety Officer</td> <td style="text-align: center;">1 year</td> <td style="text-align: center;">1 year</td> </tr> <tr> <td>5. Foreman</td> <td style="text-align: center;">1 year</td> <td style="text-align: center;">1 year</td> </tr> <tr> <td>6. Skilled</td> <td style="text-align: center;">1 year</td> <td style="text-align: center;">1 year</td> </tr> <tr> <td>7. Common Laborer</td> <td style="text-align: center;">1 year</td> <td style="text-align: center;">1 year</td> </tr> </tbody> </table>	<u>Key Personnel</u>	<u>General Experience</u>	<u>Relevant Experience</u>	1. Civil Engineer	1 year	1 year	2. Master Electrician	1 year	1 year	3. Aircon Technician	1 year	1 year	4. Safety Officer	1 year	1 year	5. Foreman	1 year	1 year	6. Skilled	1 year	1 year	7. Common Laborer	1 year	1 year
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10.5	The minimum major equipment requirements are the following: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: center;"><u>Capacity</u></th> <th style="text-align: center;"><u>Number of Units</u></th> </tr> </thead> <tbody> <tr> <td>One-Bagger Conc. Mixer</td> <td></td> <td style="text-align: center;">One (1)</td> </tr> <tr> <td>Concrete Vibrator</td> <td></td> <td style="text-align: center;">One (1)</td> </tr> <tr> <td>Welding Machine</td> <td style="text-align: center;">200 Amp</td> <td style="text-align: center;">Two (2)</td> </tr> <tr> <td>Cut-Off Machine</td> <td></td> <td style="text-align: center;">Two (2)</td> </tr> <tr> <td>Cutting Torch</td> <td></td> <td style="text-align: center;">One (1)</td> </tr> </tbody> </table>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	One-Bagger Conc. Mixer		One (1)	Concrete Vibrator		One (1)	Welding Machine	200 Amp	Two (2)	Cut-Off Machine		Two (2)	Cutting Torch		One (1)						
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15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: <ul style="list-style-type: none"> a. The amount of not less than Forty-One Thousand Two Hundred Forty-Nine Pesos & 08/100 Only (PhP41,249.08) 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 One Hundred Three Thousand One Hundred Twenty-Two Pesos & 70/100 Only (PhP103,122.70) if bid security is in Surety Bond. 																								
16	Each Bidder shall submit, at their option, hard copy and/or electronic copy of their bids. <ul style="list-style-type: none"> a. For hard copy, one original and two copies of the first and second components of its bid. Three-envelope system. 																								

	<p>b. For electronic copy, submit a Searchable Portable Document Format (Searchable PDF), the first and second components of its bid in two separate files, both must be digitally signed, and password protected. Password for the files shall only be provided by the bidder during the opening of the bids.</p> <p>c. For electronic copy, both files, the first and second components must be named accordingly (i.e., Eligibility and Technical, Financial), and be placed in a folder named with the identification number of this bidding.</p> <p>d. Electronic copy may be submitted via USB flash drive or cd/dvd rom, or thru email area4_bac@caap.gov.ph.</p> <p>e. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.</p> <p>f. Likewise, an electronic copy that contains virus/malware as determined by the BAC pc/laptop shall not be opened and be considered non-responsive and, thus, automatically disqualified.</p>
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:</p> <p>a) attend the Safety and Security Awareness seminar</p> <p>b) secure Access Pass I.D.</p>
21	<p>Contract documents relevant to the Project required during the signing of the contract of the LCRB bidder as follows:</p> <ul style="list-style-type: none"> - Construction/Work schedule - S-curve - PERT/CPM - Manpower Schedule - Equipment Utilization Schedule - Construction/Work methods - Contractor's All Risk Insurance - Construction Safety & Health Programs (CSHP) approved by the Department of Labor & Employment (DOLE) (CONSTRUCTION OF CSIS OFFICE AT PUERTO PRINCESA INTERNATIONAL AIRPORT) - Performance Security

Section IV. General 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

- 4.1. 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.
- 4.2. 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

Special Conditions of Contract

GCC Clause	
2	<p>The Intended Completion Date is Ninety (90) calendar days.</p> <p><i>NOTE: The contract duration shall be reckoned from the start date and not from contract effectivity date.</i></p> <p><i>NOTE: The start date shall be the date of receipt of the Notice to Proceed.</i></p>
4.1	<p>The CIVIL AVIATION AUTHORITY OF THE PHILIPPINES, AREA CENTER IV – PUERTO PRINCESA INTERNATIONAL AIRPORT shall give possession of all parts of the Site to the Contractor upon receipt of the Notice to Proceed (NTP).</p>
7.2	<p>Warranty</p> <p>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.</p>
10	<p>No day works are applicable to the contract.</p>
11.1	<p>Not applicable.</p>
11.2	<p>Not applicable.</p>
12	<p>Occupancy Permit from Office of the Building Official (OBO) prior to Final Inspection and Acceptance of the project.</p>
13	<p>The amount of the advance payment shall not exceed 15% of the total contract price. However, as per Department of Transportation (DOTr) Policy, the Procuring Entity will not give advance payment to contractors.</p>
14	<p>The contractor must submit a request for payment or Statement of Work Accomplished (SWA) upon completion of the project.</p>
15.1	<p>Not required.</p>
15.2	<p>Not required.</p>

Section VI. Specifications



Name of Project : **CONSTRUCTION OF CSIS OFFICE**

Location : Puerto Princesa International Airport, Puerto Princesa City,
Palawan

Duration : Ninety (90) calendar days

Source of Funds : CAAP Corporate Budget CY 2022

SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

1.0 GENERAL

The works to be accomplished by the successful bidder shall consist of furnishing, supervision, labor, materials, supply, tools and equipment to complete the scope of work for the **“CONSTRUCTION OF CSIS OFFICE”** at Puerto Princesa International Airport project.

2.0 LOCATION OF PROJECT

The **“CONSTRUCTION OF CSIS OFFICE”** to be bid is located at Puerto Princesa International Airport, Palawan.

3.0 GENERAL CONDITIONS OF PLANS AND SPECIFICATIONS

The execution of this Specifications, Plans and other related Contract Documents shall be subject to the rules and regulations as provided in the General condition of the Contract. The plans and specifications shall be interpreted by the Head of Procuring Entity and or his/her representative. No excuses shall be entertained for misinterpretation of the Plans and specifications after the award of contract. All work as deemed required by the Procuring Entity shall be carried out properly by the Contractor.

1. The Contractor shall consult the Head of Procuring Entity or his/her representative on portion of the work not mentioned in the specifications and not illustrated on the Plans. Contractor shall base all their works on detailed plans approved by the Head of Procuring Entity, otherwise Contractor shall be responsible for the in-acceptance of the work done, which did not commensurate to the approved plans. In such case, the Contractor shall make good the work at his own expense.
2. No alteration or addition shall be allowed without the consent and proper documentation approved by the Head of Procuring Entity, even such

change is ordered by the designated project in charge, the Contractor shall bring the case to the Procuring Entity. Request for changes, alteration and deviation of work on the approved program of work, lay-outs plan, design and scope of work shall not be done without the approval of the Head of Procuring Entity.

TWO (2) SETS of clean Plans and specification shall always be kept at the jobsite to be available to the Head of Procuring Entity or his/her representative upon his request during the construction.

4.0 GENERAL REQUIREMENTS

1. Processing and Securing of Permits and Insurance

The contractor shall be responsible for securing all necessary permits related to the project, including payment of assessed as may be required.

5.0 SCOPE OF WORK

The details of work are the best enumerated below, but be noted that the Contract includes all works and services although not specifically mentioned herein, but are needed to fully complete the Project.

The project covers the supply of labor, materials, mobilization/demobilization, tools/equipment's, and construction and related permits necessary for the **"CONSTRUCTION OF CSIS OFFICE"** with the following scope of works which shall be done in accordance with the approved plans, specifications and provision of contract to wit;

Execution of this Section shall be coordinated and harmonized to each corresponding elaborated section of these same specifications.

In case discrepancies exist between this Section and its corresponding elaborated sections, notify the Head of Procuring Entity immediately for clarification; their decision shall be final.

The Contractor shall bear the responsibility of checking all the numbers and units as indicated in the Bill of Quantities. It is understood that the Contractor shall supply and install the required units in accordance with the Plans and the Specifications. Any excess in the bill of quantities shall be the property of the Procuring Entity.

During project implementation, the winning bidder/contractor may propose substitution of materials or equipment or makes other than those specified in the Contract documents shall be subject to the approval of the Head of Procuring Entity for the following reasons only:

1. That the materials or equipment proposed for substitution is equal or superior to the materials or equipment specified in construction efficiency and utility provided that any and all costs relative thereof shall be shouldered by the Contractor.

2. Or that the materials or equipment specified cannot be delivered to the job site on time to complete the work of the other Contractors due to conditions beyond the control of the Contractor.
3. In case of a price difference, the Procuring Entity (CAAP) shall receive all benefits of the difference in cost involved in any substitution and the Contract shall be altered by Change Order to credit the Procuring Entity (CAAP) with any savings so obtained.

To receive consideration, request (s) for substitution shall be accompanied by documentary proof of equality or difference in price and delivery, if any, in the form of certified quotations and guaranteed date of delivery from suppliers of either the proposed substituted materials or equipment.

The Contractor shall conduct thorough inspection of the existing job site conditions.

The scope of work shall include all additions necessary in order to implement the whole set of approved Plans, Working Drawings and Specifications.

The Contractor shall secure and do all the legwork necessary for all pertinent permits needed for the Procuring Entity.

The Contractor shall construct all works in accordance with the Plans and Specifications. All items shown on the Plans but not mentioned in the Specifications shall be included. Discrepancies shall be verified with the Head of Procuring Entity.

The Contractor shall have licensed professionals required in the execution of the project which they have submitted in their bid. Shop drawings of actual reference marks shall be verified and approved by the Head of Procuring Entity prior to any permanent construction. Contractor shall refer to the General Nature and Scope of Work and other Bid Documents for more extensive description of the work.

The Contractor shall submit details and shop drawings, templates, and schedules required for the coordination of the work of the various trades. Drawings should include information on all working dimensions, arrangement and sectional views, connections and materials.

Final Cleaning as Pre-requisite to Final Acceptance: Final cleaning of the work shall be employed by the General Contractor prior to the Head of Procuring Entity or his/her representative final inspection for certification of final acceptance.

The Contractor shall be responsible for the safety and safe working practices of its respective employees and agents.

The Head of Procuring Entity may at any time without invalidating the Contract make changes by altering, adding to or deducting from the work as covered by the drawings, specifications, and general scope in written instructions.

Construction, furnishing, labor, materials, tools and equipment not in accordance with the specification approve by the Head of Procuring Entity, may be

undone or replaced as the case may be and expenses relative to these shall be done/shouldered by the contractor.

6.0 MOBILIZATION/DEMOBILIZATION

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

Mobilization shall include all activities and associated costs for transportation of contractor's personnel, equipment, and operating supplies to the site; establishment of offices, temporary facilities and other necessary general facilities for the contractor's operations at the site.

Demobilization shall include the disassembly, hauling, removal of debris/rubbish, and site cleanup of painting sites, and other facilities assembled on the site.

Mobilization shall consist of obtaining all required insurance, bonds and permits; preparatory work and operations necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; preparation of construction schedule; furnishing and erecting field offices, laboratory, batch plants and progressive Program of Work.

Dis-assembled materials useful to the agency shall be entrusted to the Supply Unit of CAAP. Materials considered as waste material shall be supported by a waste disposal report.

7.0 CIVIL/STRUCTURAL WORKS

7.01 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.

7.01.a. 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.

7.01.b. Utilities

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

7.02 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.

7.02.a. Material Requirements

7.02.a.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.

7.02.a.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.

7.02a.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.

7.02.a.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.

7.02.a.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.

7.02.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.

7.02.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.

7.02.d. 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 ASTM C-309 and C-156, applied in accordance with the manufacturer's instruction for use.

7.02.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.

7.02.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.

7.02.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.

7.03 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 works 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.

7.03.a. 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.

7.04 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.

7.05 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 specification.

8.0 ARCHITECTURAL WORKS

8.01 Tile Works

The item shall consist of all nonskid 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 specification.

8.02 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 specification.

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.

8.03 Doors and Window

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.

9.0 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.

10.0 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 drain and all other necessary accessories, ready for service.

11.0 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 specification.


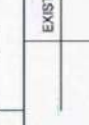

All piping materials, fixtures and appliances fittings accessories whether specifically mentioned or not but necessary to complete this item be furnished and installed.

12.0 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

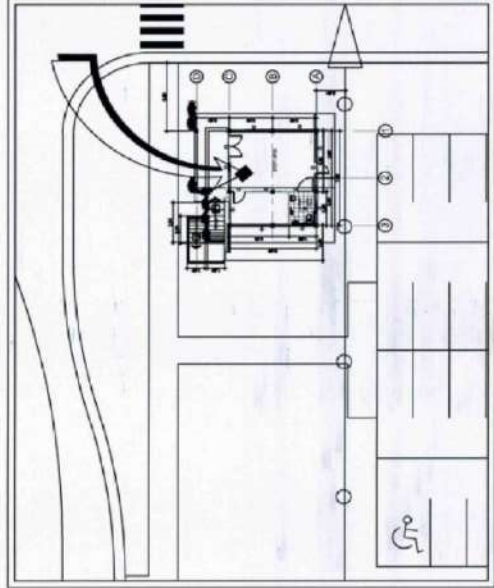
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<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF TRANSPORTATION OFFICE OF THE REGIONAL DIRECTOR PUERTO PRINCESA OFFICE</p>	<p>DISTRICT / CITY / MUNICIPALITY LAND USE AND ZONING</p>
<p>AERODROME DEVELOPMENT AND MANAGEMENT SERVICE</p>	<p>LINE AND GRADE</p>
<p>INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION</p>	<p>ARCHITECTURAL</p>
<p>DESIGN STAFF: DESIGNED BY: CHECKED BY: DATE:</p>	<p>CIVIL / STRUCTURAL</p>
<p>DRAWN BY:  MASHI MANUEL DELA ROSA REGISTERED ARCHITECT</p>	<p>ELECTRICAL</p>
<p>DESIGN/UNLIMITED BY:  MEL DENNIS A. SOLES Chief, Architecture Engineering and Maintenance</p>	<p>APPROVED BY: ATTY. IMASALA TALONGDAL AREA CENTER MANAGER, AREA CENTER IV</p>
<p>NOTES / REVISIONS:</p>	<p>PROJECT TITLE: "CONSTRUCTION OF CSIS OFFICE BUILDING"</p>
<p>LOCATION: PUERTO PRINCESA INTERNATIONAL AIRPORT PUERTO PRINCESA CITY, PALAUAN</p>	<p>SHEET CONTENTS: PERSPECTIVE VICINITY MAP PLAN ON SITE SITE DEVELOPMENT PLAN</p>
<p>DRAWING SCALE: AS SHOWN</p>	<p>SHEET NO. TP 01</p>



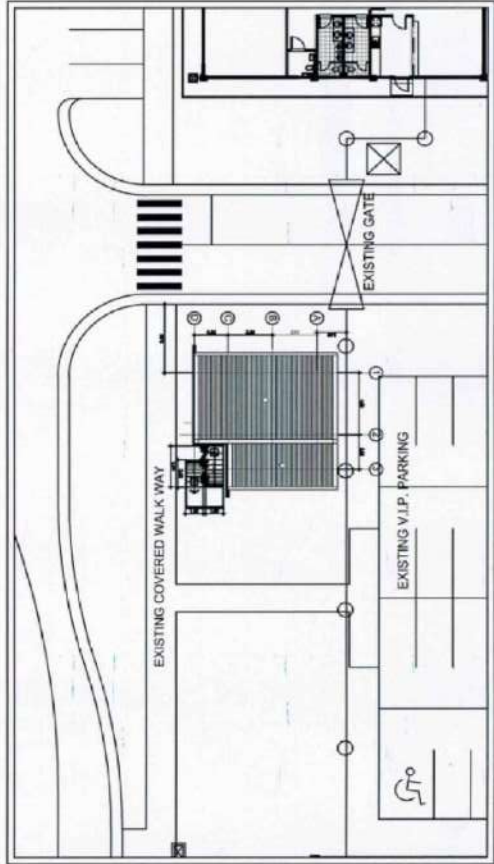
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NTS



1 PERSPECTIVE
SCALE: 1/8" = 1'-0"
NTS



4 PLAN ON SITE
SCALE: 1/8" = 1'-0"
NTS



3 SITE DEVELOPMENT PLAN
SCALE: 1/8" = 1'-0"
NTS



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	REVISION DATE:
DESIGNER:	
CHECKER:	
APPROVED:	
DATE:	

DESIGNED BY:
MARIA MARIE BELLEDA
ARCHITECT

CHECKED/REVIEWED BY:
ISA DENISE A. SOLIS
Chief, Architectural Engineering and Maintenance

APPROVED BY:

ATTY. JAPASIA A. TOLONGDUA
AREA CENTER MANAGER, AREA CENTER IV

NOTES/REVISIONS:

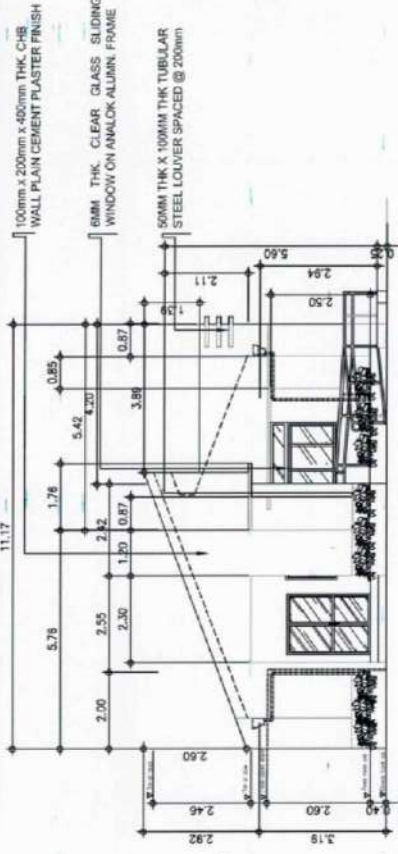
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"CONSTRUCTION OF CSIS OFFICE BUILDING"

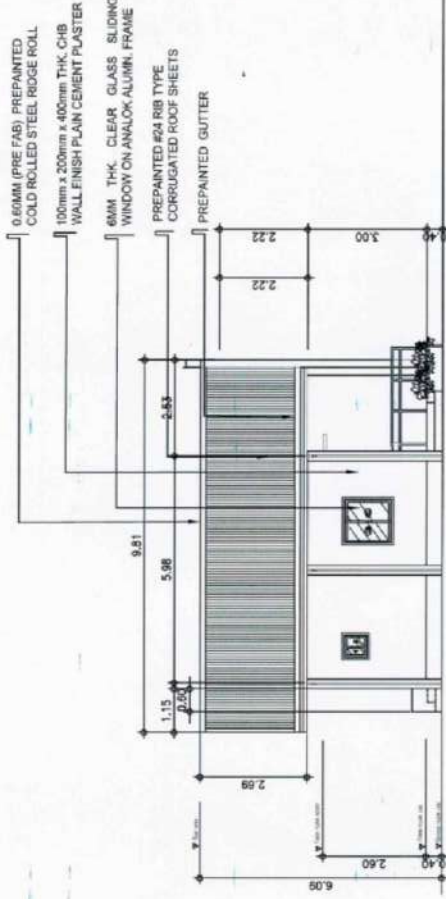
LOCATION:
PUERTO PRINCESSA INTERNATIONAL AIRPORT
PUERTO PRINCESSA CITY, PALAWAN

SHEET CONTENTS:
FLOOR PLAN
ROOF PLAN
FRONT ELEVATION
LEFT-SIDE ELEVATION

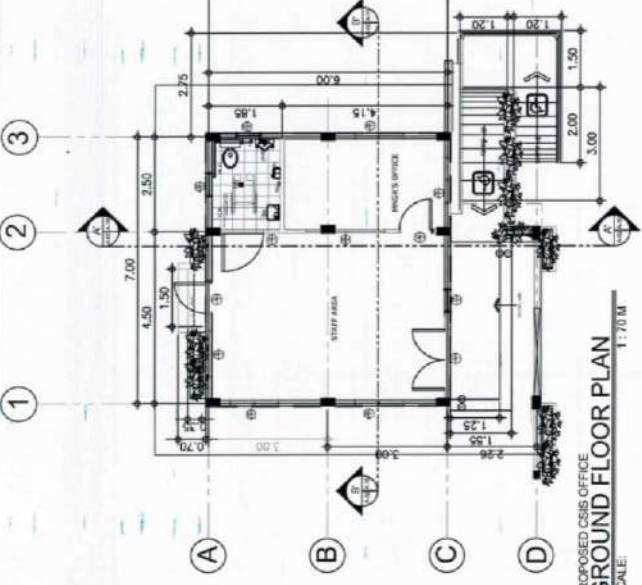
DRAWING SCALE: 1:70 M
SHEET NO: A 01



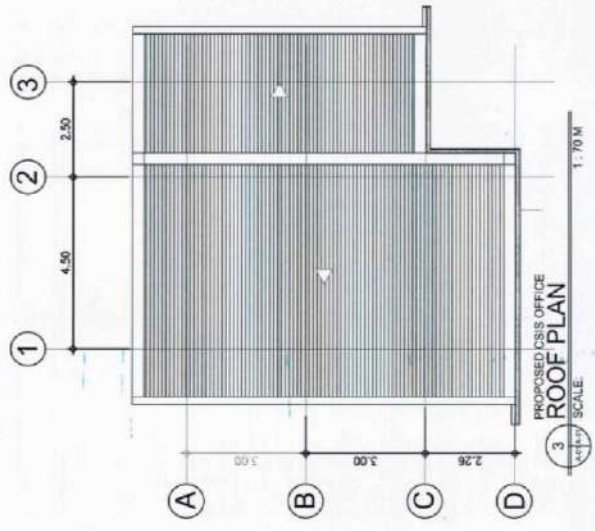
2 PROPOSED CSIS OFFICE FRONT ELEVATION
SCALE: 1:70 M




4 PROPOSED CSIS OFFICE LEFT-SIDE ELEVATION
SCALE: 1:70 M

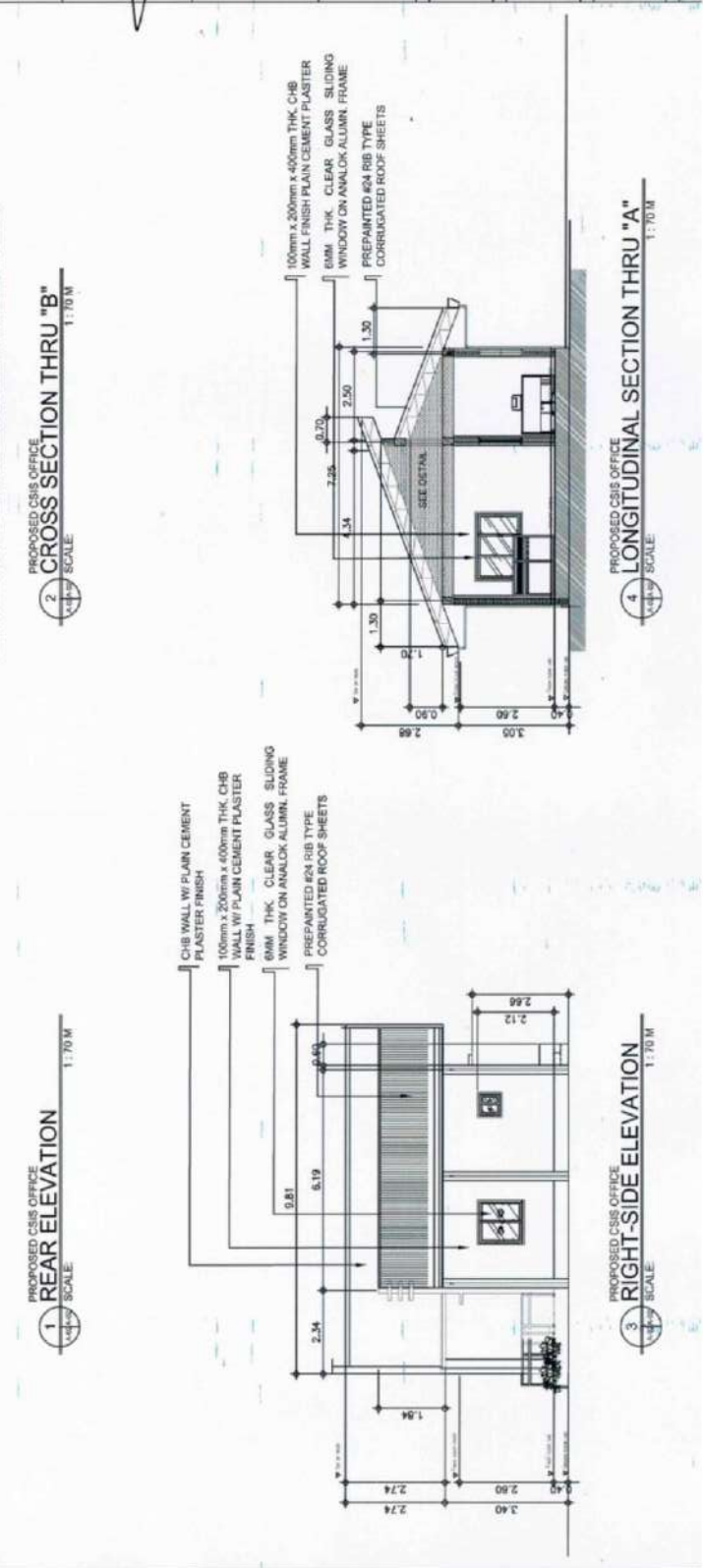
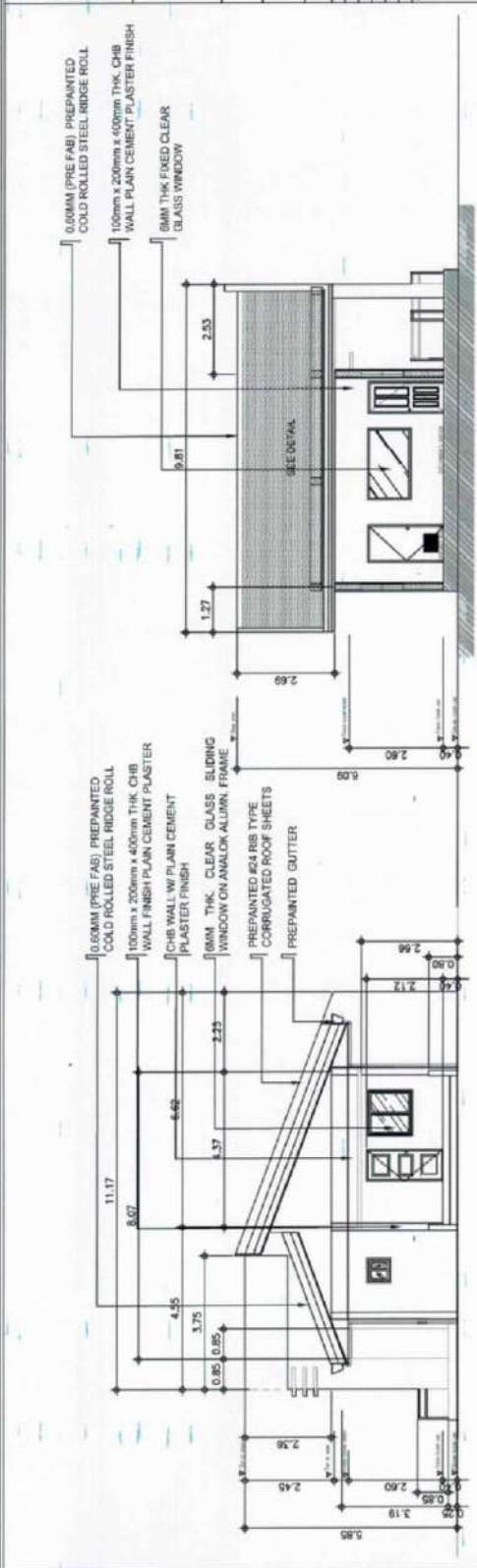


1 PROPOSED CSIS OFFICE GROUND FLOOR PLAN
SCALE: 1:70 M



3 PROPOSED CSIS OFFICE ROOF PLAN
SCALE: 1:70 M

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				<p>REGISTERED ARCHITECT</p>	<p>REGISTERED ELECTRICAL ENGINEER</p>
<p>DESIGNED BY:</p>		<p>CHECKED/SUBMITTED BY:</p>		<p>APPROVED BY:</p>	
<p>ATTN: LINDA L. BALOGUAS ANALYST IN CHARGE, AREA CENTER IV</p>		<p>NOTES / REVISIONS:</p>		<p>PROJECT TITLE:</p>	
<p>"CONSTRUCTION OF CSIS OFFICE BUILDING"</p>		<p>LOCATION:</p>		<p>SHEET CONTENTS:</p>	
<p>RUSTO PINCESA INTERNATIONAL AIRPORT NORTH TRENCH CITY, PALAW</p>		<p>PROJECT NO.:</p>		<p>DATE:</p>	
<p>DRAWING SCALE: AS SHOWN</p>		<p>SECTION NO.:</p>		<p>OF:</p>	





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AEROSPACE DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL DATE

ARCHITECT: _____

ENGINEER: _____

DRAWN BY: _____

CHECKED BY: _____

DATE: _____

PROJECT NO: _____

SHEET NO: _____

TOTAL SHEETS: _____

PROJECT TITLE: _____

LOCATION: _____

CLIENT: _____

DATE OF ISSUE: _____

SCALE: _____

PROJECT NO: _____

SHEET NO: _____

TOTAL SHEETS: _____

PROJECT TITLE: _____

LOCATION: _____

CLIENT: _____

DATE OF ISSUE: _____

SCALE: _____

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PROJECT NO: _____

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TOTAL SHEETS: _____

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PROJECT NO: _____

SHEET NO: _____

TOTAL SHEETS: _____

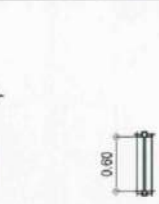
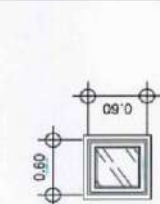
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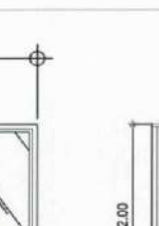
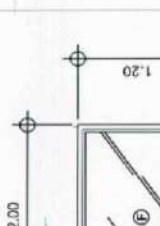
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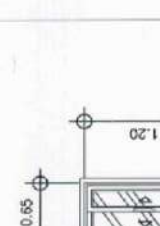
ONE BAY SLING WINDOW TYPE W/ 1/4" CLEAR ANNEALED GLASS W/ ALUMINUM POWDERED COATED FRAME

DESCRIPTION	ROOM X ROOM
HARDWARES	COMPLETE HARDWARE ACCESSORIES
LOCATION	CSIS OFFICE COMMON TOILET
NO. OF SETS	1 SET
J	50MM X 100MM ALUMINUM FRAME
H	
N	
T	50MM X 100MM ALUMINUM FRAME



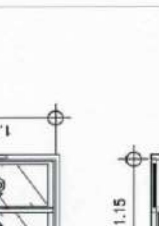
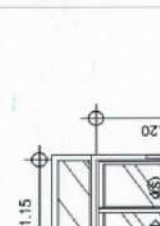
FIXED WINDOW TYPE W/ 1/4" CLEAR ANNEALED GLASS W/ ALUMINUM POWDERED COATED FRAME

DESCRIPTION	ROOM X ROOM
HARDWARES	COMPLETE HARDWARE ACCESSORIES
LOCATION	CSIS OFFICE, OC
NO. OF SETS	1 SET
J	50MM X 100MM ALUMINUM FRAME
H	
N	
T	50MM X 100MM ALUMINUM FRAME



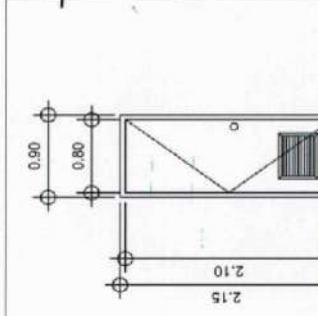
TWO BAY SLING TYPE GLASS WINDOW W/ 1/4" CLEAR ANNEALED CLEAR FLOAT GLASS W/ ALUMINUM POWDERED COATED FRAME

DESCRIPTION	ROOM X ROOM
HARDWARES	COMPLETE HARDWARE ACCESSORIES
LOCATION	CSIS OFFICE
NO. OF SETS	1 SET
J	50MM X 100MM ALUMINUM FRAME
H	
N	
T	50MM X 100MM ALUMINUM FRAME



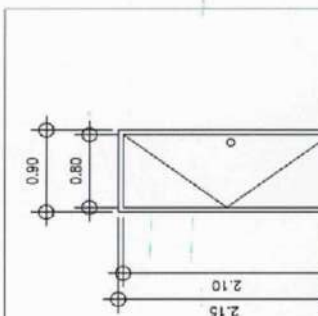
TWO BAY SLING TYPE GLASS WINDOW W/ 1/4" CLEAR ANNEALED CLEAR FLOAT GLASS W/ ALUMINUM POWDERED COATED FRAME

DESCRIPTION	ROOM X ROOM / ROOM X ROOM
HARDWARES	COMPLETE HARDWARE ACCESSORIES
LOCATION	CSIS OFFICE
NO. OF SETS	5 SETS
J	50MM X 100MM ALUMINUM FRAME
H	
N	
T	50MM X 100MM ALUMINUM FRAME



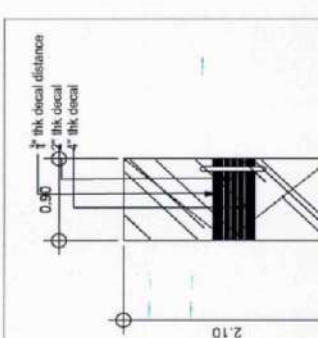
FRAMES, SET FINISHES, SET FINISHES, LOCKETS, AND FINISHES W/ FINISHES, LOCKETS, HANDLE BARS AND INSULATE PLATE (COLOR OF DOOR, REFER TO ARCHITECT)

DESCRIPTION	ROOM X ROOM
HARDWARES	HINGES, LOCKETS, HANDLE BARS, DOOR STOPPER AND KICK PLATE
LOCATION	CSIS OFFICE COMMON TOILET
NO. OF SETS	1 SET
J	50mm x 150mm 400 9000 FINISH FINISHED W/ FINISH, OCE PAINT
H	
N	
T	50mm x 150mm 400 9000 FINISH FINISHED W/ FINISH, OCE PAINT



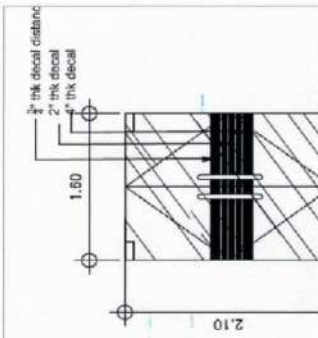
FRAMES, SET FINISHES, SET FINISHES, LOCKETS, AND FINISHES W/ FINISHES, LOCKETS, HANDLE BARS AND INSULATE PLATE (COLOR OF DOOR, REFER TO ARCHITECT)

DESCRIPTION	ROOM X ROOM
HARDWARES	HINGES, LOCKETS, HANDLE BARS, DOOR STOPPER AND KICK PLATE
LOCATION	CSIS OFFICE, SERVICE ENTR
NO. OF SETS	1 SET
J	50mm x 150mm 400 9000 FINISH FINISHED W/ FINISH, OCE PAINT
H	
N	
T	50mm x 150mm 400 9000 FINISH FINISHED W/ FINISH, OCE PAINT



SINGLE SWING 1500 THK CLEAR TEMPERED FRAMELESS GLASS DOOR W/ 2" THK X 4500 LENGTH STAINLESS DOOR HANDLE

DESCRIPTION	ROOM X ROOM
HARDWARES	HINGES, LOCKETS, HANDLE BARS, DOOR STOPPER AND KICK PLATE
LOCATION	CSIS OFFICE, OC
NO. OF SETS	1 SET
J	
H	
N	
T	



DOUBLE LEAF SWING 1500 THK CLEAR TEMPERED FRAMELESS GLASS DOOR

DESCRIPTION	ROOM X ROOM
HARDWARES	HINGES, LOCKETS, HANDLE BARS, DOOR STOPPER AND KICK PLATE
LOCATION	CSIS OFFICE MAIN ENTRANCE
NO. OF SETS	1 SET
J	
H	
N	
T	

PROPOSED CSIS OFFICE
1 SCHEDULE OF DOORS & WINDOWS
SCALE: 1:30 M

CONSTRUCTION NOTES:

1.0 GENERAL NOTES:

- 1.1 The Contractor shall verify all dimensions and conditions at the site, and shall notify the Engineer of discrepancies between actual conditions and information shown on the drawings before proceeding with the work. This shall include the location and dimensions of grooves, relets, sleeves, cuts, openings, embedded or attach items, etc. Refer to Architectural, Mechanical, Electrical and Plumbing Drawings.
- 1.2 All dimensions shall take precedence over scale shown on plans, sections or details. Notes and details on drawings shall take precedence over general notes and typical details.
- 1.3 The Contract, Structural Drawings and Specifications represent the finished structures. They do not indicate the method of construction unless so stated. The Contractor shall provide all necessary measures to protect the structures, adjacent properties, workmen and other persons during all phases of construction.
- 1.4 The Contractor shall immediately notify the Owner and/or the Project in-charge of any condition which in his opinion might endanger the stability of the structures or cause distress to the structures.
- 1.5 Construction materials shall not be stored on poured floors. It is the General Contractor responsibility to ensure that the Sub-Contractor's are informed and do not violate this important requirements.
- 1.6 The Contractor shall provide temporary erection bracing and shoring for all the structural members as required for structural stability during all phases of construction.
- 1.7 The Contractor shall take all steps necessary to ensure the proper alignment of the structures after the installation of all structural and finish materials.

2.0 MATERIAL SPECIFICATION:

- 2.1 Mix Design shall conform to ACI 211.1 & ACI 301. The minimum compressive strength shall be:
 Fc = 27.60 Mpa (4,000 Psi) Foundations, Columns Beams and Suspended Slabs.
 Fc = 17.25 Mpa (2500 Psi) Slab on fill, Graded Slabs.
- 2.2 Cement for the concrete shall conform to the requirements of the "Specifications for the Portland Cement" (ASTM C150, Latest Edition).
 Fine Aggregates: Shall consist of natural porous sand. Fine aggregates shall consist of hard, tough, durable, uncoated particles. The stipulated percentage of fines in the sand shall be obtained either by the processing of natural sand or by the production of a suitably graded manufactured sand.
 Coarse Aggregates: Shall consist of gravel, crushed gravel or rock, or a combination of and crushed gravel or rock, as per approved by the Structural Engineer. The coarse aggregate as delivered to the site shall have a uniform and suitable moisture content.
 Footings ----- 1" or 3/4" (25mm or 19mm)
 R.C. Beams, Columns, Slabs, Wall Footings, Lintel Beams ----- 3/4" (19mm)
- 2.3 Water used in mixing concrete shall be clean and free from injurious amounts of oils, acids, salts, alkalis, organic materials or other substances deleterious to concrete or steel.
- 2.4 Admixtures to be used in concrete shall be subjected to prior approval of the Structural Engineer.
- 2.5 The concrete slab on fill shall be laid on a prepared foundation consisting of a sub grade and granular fill with thickness of overlying slab except as indicated otherwise. sub grade shall be rolled, rammed and tamped to a thoroughly compacted foundation.
- 2.6 All concrete shall deposited, vibrated and cured in accordance with ACI Standard 318-95.

- 2.7 Concrete cover over reinforcing bars shall be as follows:
 Footings and bottom of Footing Tie Beams ----- 75mm (cast against earth)
 Beams and Columns ----- 40mm (to stirrups and ties)
 Walls and Sides of Footing Tie Beams ----- 50mm (cast against forms)
 Equipment Foundation ----- 70mm

- 2.8 Before concrete is poured, checked with all trades to ensure proper placement of all openings, sleeves, curbs, conduits, etc. relative to the work.
- 2.9 Unless otherwise specified on plans, all reinforcing bars shall be deformed conforming to ASTM A706 with a minimum yield strength of reinforcement shall be enumerated below:
 Footings/ footing Tie Beams ----- Fy = 60,000 Psi
 Columns/ Beams ----- Fy = 60,000 Psi
 Slabs (On grade and suspended) ----- Fy = 40,000 Psi

- 2.10 All reinforcing bars shall be clean of rust, grease or other materials which tend to impair bond.
- 2.11 Unless otherwise noted in the plans or specifications, Camber all R.C. Beams at least 6mm for every 4.5m of span except cantilevers which shall 18mm for every 3m of span. If there are two or more layers of reinforcing bars, use 25mm diameter separators spaced at 900mm o.c., Top splices shall be located at midspan and both bar splices at column supports.
- 2.12 All reinforcing bars shall be accurately and securely placed before pouring concrete or applying mortar or grout.

- 2.13 Unless indicated otherwise, all beams terminating at the column shall have top and bottom bars extending to the far face of the column terminating in a standard 90 degrees hook length of anchorage not less than 600mm.

- 2.14 Lapped splices shall be staggered where possible.

- 2.15 Unless indicated otherwise, splicing of reinforcement shall be in accordance with ACI 318-95, except that the minimum lap splice shall be 40 bar diameter but less than 600mm.

- 2.16 Vertical and Horizontal reinforcements for CHB shall be 10mm Ø at 600mm for all wall thickness.
 Lap splices shall be 300mm long (minimum).

- 2.17 Where CHB walls adjoin columns and beams, provide dowels on r.c. columns and beams prior pouring to match CHB wall reinforcement. The dowels shall be 12mm bars at 400mm o.c., otherwise shown on the drawings.

- 2.18 Where columns and beams have been poured without the CHB wall dowels, provide 16mm Ø bolts at 400mm o.c. These anchors shall be drilled and hammered in place, no chipping of concrete columns and beams is allowed unless otherwise permitted by the Structural Engineer.

- 2.19 Welding electrodes and rods, conformed to AWS D1.1.

- Lap welded splice when used, shall develop a resistance equal to at least 125% of the tensile capacity of the bar being spliced.

- Butt welded splice when used, shall be considered 75% efficient. The remaining 50% capacity develop 125% of the tensile capacity of the bar shall be provided for by an additional welded lap splice connection on the same joint.

- Details of all welded splices shall be submitted by the contractor for approval by the Structural Engineer. Only certified welders shall be allowed to perform welding operations. These welders shall subject to the approval of the Project Manager.

- 2.20 Stop paint structural steel, except as modified herein. Do not Paint steel surfaces embedded in concrete, galvanized surfaces, or surfaces within 1/2" of the toe of the welds prior to welding. To assembly, paint surfaces which will be concealed or inaccessible after assembly. Do not paint in foggy or rainy weather; when the ambient temperature is below 45 deg F or over 95 deg F; or paint may be exposed to temperatures below 40 deg F within 48 hours after application, unless approved otherwise.

- SSPC SP 6. Except as modified herein, SSPC SP 3 or SP 6 for steel surfaces exceeded in above callings, stiff spaces, crawl spaces, lured spaces and chases. In addition, maintain steel surfaces free from rust, dirt, oil, grease and other contaminants through final assembly.

- Immediately after cleaning, provide the metal surfaces with one coat of MIL SPEC DOD - P - pretreatment to a dry film thickness of 0.3 to 0.5 MIL FED SPEC TT - C - 490 pretreatment may applied to SSPC SP 9 cleaned surfaces in accordance with FED SPEC TT - C - 480.

- Immediately after the pretreatment coating has dried, apply primer to a minimum dry film thickness of 2.0 MIL. Repair damaged primed surfaces with an additional coat primer.

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AEROSPACE DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN UNIT INITIAL DATE

DESIGNER

CHECKER

DATE

DESIGNED BY:

CHECKED/DATE BY:

DESIGNED BY:

APPROVED BY:

ATY. REYVAL & ASSOCIATES ARCHITECT/ENGINEER/PLANNING/INTERIOR DESIGN CENTER INC.

NOTES/REVISIONS

PROJECT TITLE

"CONSTRUCTION OF CSIS OFFICE BUILDING"

LOCATION

PUERTO PRINCESA INTERNATIONAL AIRPORT PASAY PALAYAN, PALAUAN

SHEET CONTAINS

CONSTRUCTION NOTES

DRAWING SCALE

SHEET NO.

AS SHOWN

DT



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:

DESIGNED BY:

DRAWN BY:

CHECKED/SUBMITTED BY:

APPROVED BY:

PROJECT TITLE:

LOCATION:

SHEET IDENTITIES:

FOUNDATION PLAN

DETAIL OF CIFI

DETAIL OF C2F2

DETAIL OF WFI

SECTION

SECTION

PLAN

SCALE

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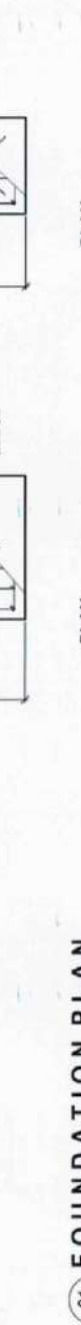
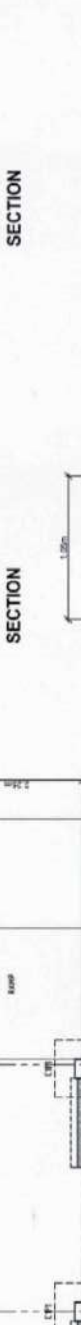
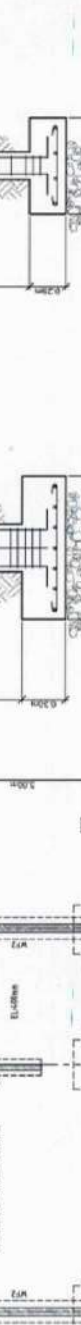
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
DESIGNED BY	
DRAWN BY	
CHECKED BY	

DRAWN BY:
MARLENE D. DELLEA
REGISTERED ARCHITECT

CHECKED/REVIEWED BY:
L. DELFINO A. SOLER
Chief, Infrastructure Engineering and Design

APPROVED BY:
ATTY. EVELYN A. JATICOROGANA
AREA CHIEF/OPERATIONAL AREA CENTER IN CHARGE

NOTES / REVISIONS:

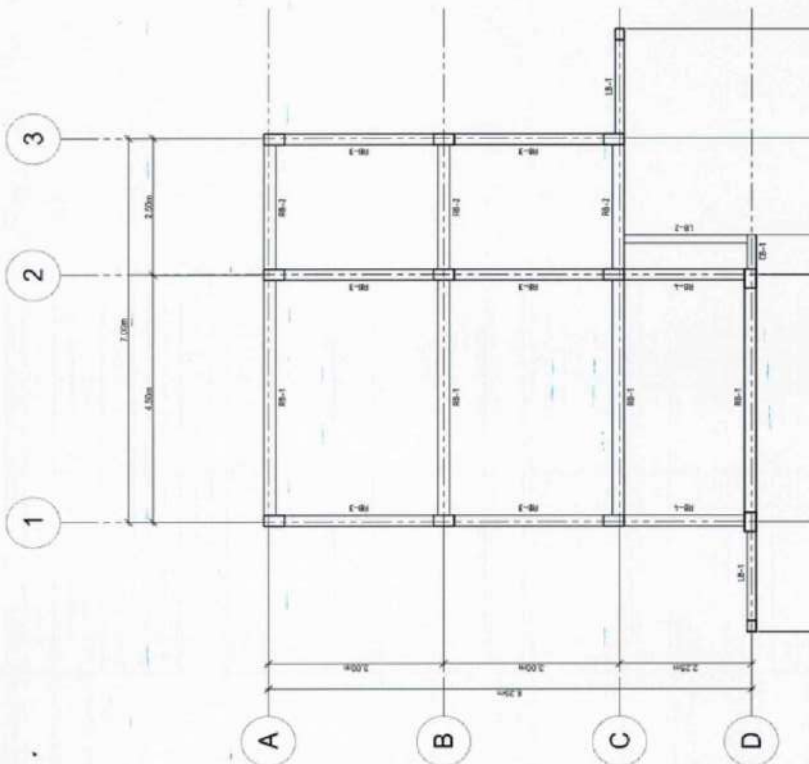
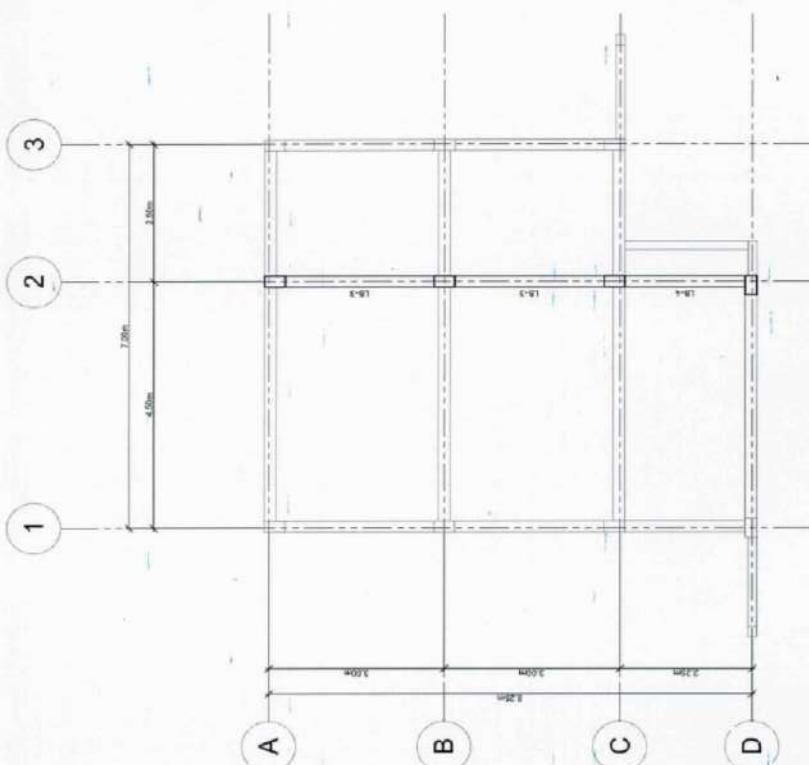
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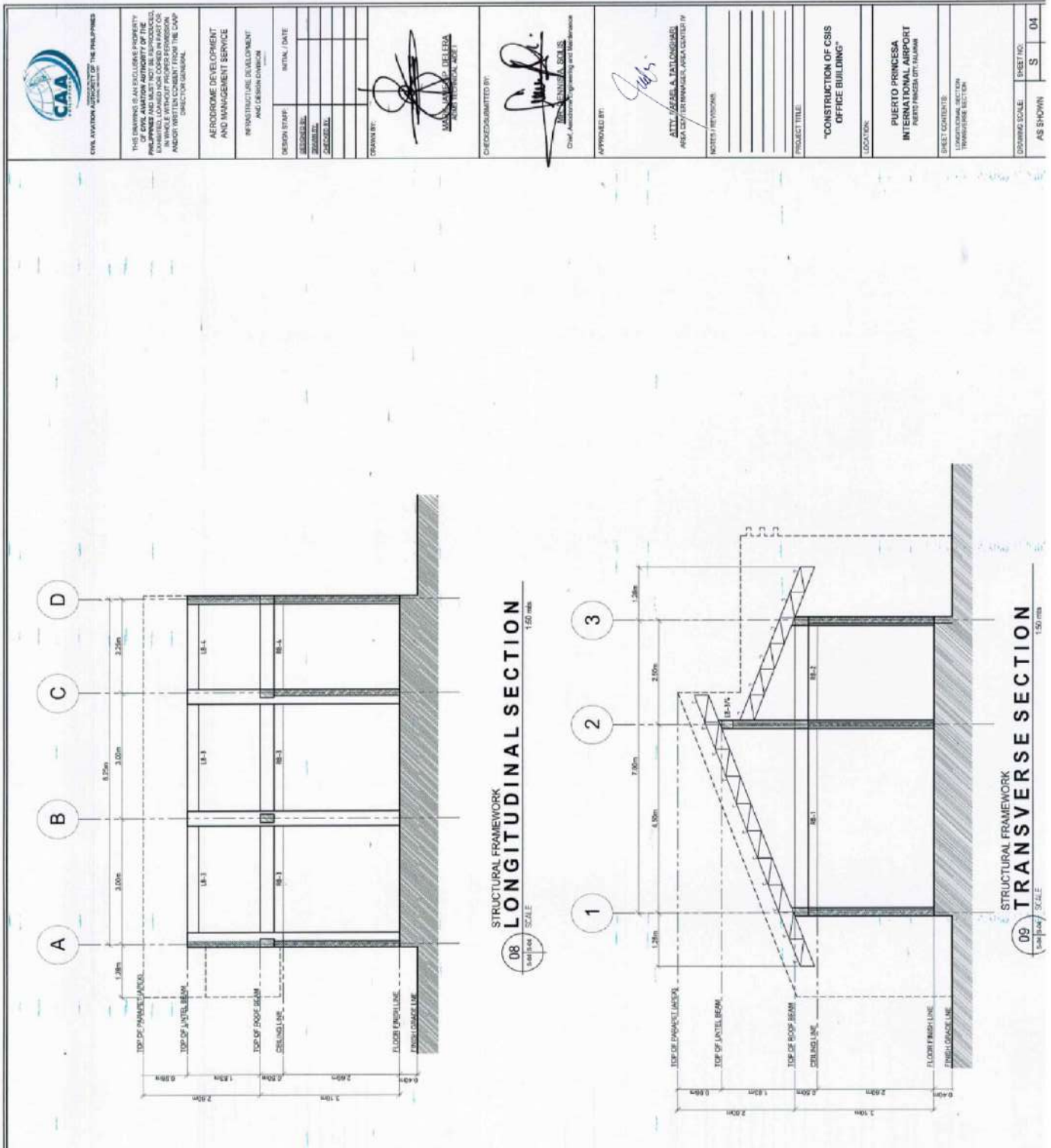
"CONSTRUCTION OF CSIS OFFICE BUILDING"

LOCATION:

PUERTO PRINCESA INTERNATIONAL AIRPORT
PUERTO PRINCESA CITY, PALAW

SHEET CONTENTS:
ROOF BEAM FRAMING PLAN







THE AIRPORT AUTHORITY OF THE AIRPORTS
 AND AIRCRAFT TAXIWAYS

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 AIRPORTS AND AIRCRAFT TAXIWAYS
 IN WHICH WITHOUT EXPRESS PERMISSION
 AND/OR WRITTEN CONSENT FROM THE CAI
 DIRECTOR GENERAL

AERODROME DEVELOPMENT
 AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT
 AND DESIGN DIVISION

DESIGN STAFF: MR. JUAN CARLOS

DESIGNER: MR. JUAN CARLOS

APPROVED BY: MR. JUAN CARLOS

DATE: 15/08/2018

DRAWING BY: MR. JUAN CARLOS

MANUEL A. DEL ROSA
 CONSULTOR EN INGENIERIA
 CIVIL

APPROVED BY:
 MANUEL A. DEL ROSA
 CONSULTOR EN INGENIERIA CIVIL
 CAI, Aeronautical Engineering and Structures

APPROVED BY:
 ATTY. GENERAL A. DELGADO
 AERODROME DEVELOPMENT AND DESIGN DIVISION

NOTES / REVISIONS:

PROJECT TITLE: CONSTRUCTION OF CSIS OFFICE BUILDING

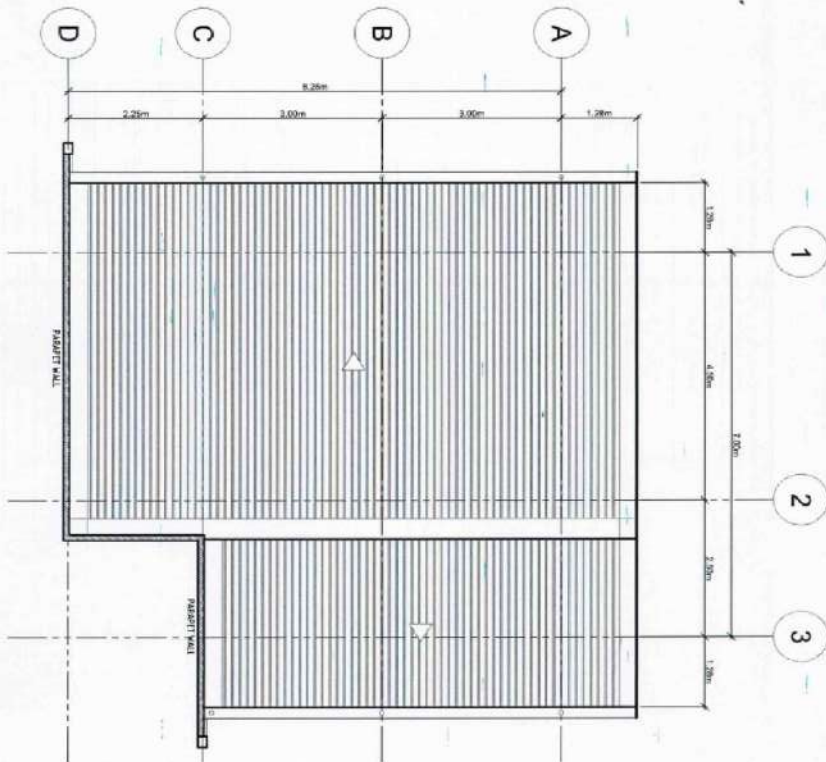
LOCATION: PUEERTO PRINCESA INTERNATIONAL AIRPORT

PROJECT NO.: PPRD-PRINCESA-OTY-AL-001

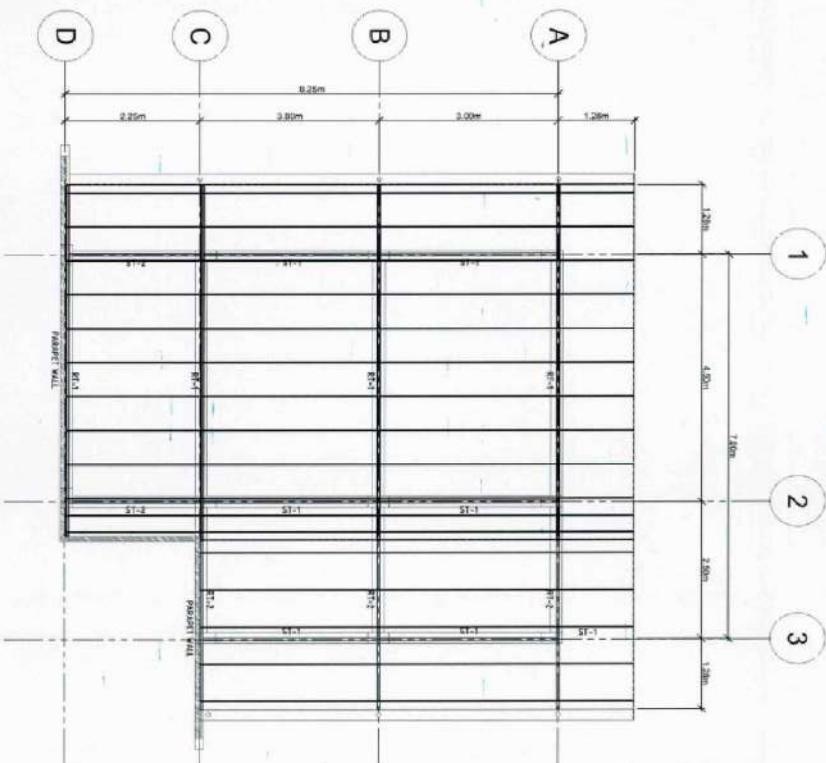
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DATE OF ISSUE: 15/08/2018

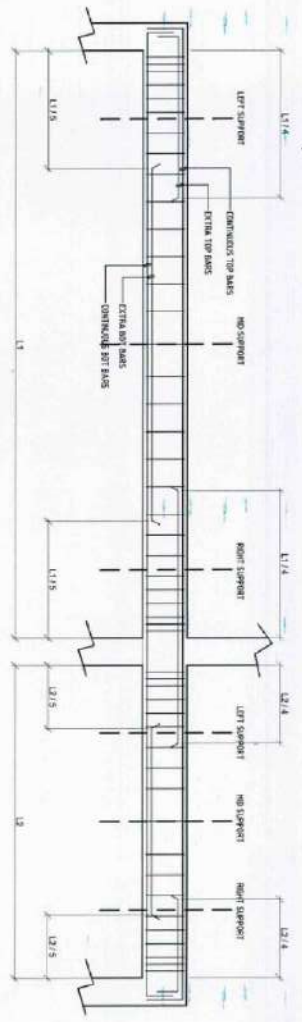
DRAWING SCALE: AS SHOWN	SHEET NO: 06
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11 ROOF PLAN
 SCALE: 1:50



12 ROOF FRAMING PLAN
 SCALE: 1:50



10 TYPICAL DETAIL OF BEAM/GIRDER
 SECTION / SCALE 1:20

SCHEDULE OF BEAMS

MARK	DIMENSION MILLIMETERS	BEAM SECTION				STIRRUPS Ø/DIMENSIONS	LENGTH METERS	REMARKS
		LEFT	COUNT	MID	RIGHT				COUNT
RB-1	200X400X30X14	1-100MM	2	2-100MM	1-100MM	4	350MM X 350MM Ø10 @ 150mm C/C	450mm ATTACHMENT TO CL
RB-2	200X400X30X14	1-100MM	2	2-100MM	1-100MM	4	350MM X 350MM Ø10 @ 150mm C/C	250mm ATTACHMENT TO CL
RB-3	200X400X30X14	1-100MM	2	2-100MM	1-100MM	4	350MM X 350MM Ø10 @ 150mm C/C	450mm ATTACHMENT TO CL
RB-4	200X400X30X14	1-100MM	2	2-100MM	1-100MM	4	350MM X 350MM Ø10 @ 150mm C/C	450mm ATTACHMENT TO CL
LB-1	150X400X30X14	1-100MM	2	2-100MM	1-100MM	4	350MM X 350MM Ø10 @ 150mm C/C	150mm ATTACHMENT TO CL
LB-2	200X400X30X14	1-100MM	2	2-100MM	1-100MM	4	350MM X 350MM Ø10 @ 150mm C/C	250mm ATTACHMENT TO CL
LB-3	200X400X30X14	1-100MM	2	2-100MM	1-100MM	4	350MM X 350MM Ø10 @ 150mm C/C	250mm ATTACHMENT TO CL
LB-4	200X400X30X14	1-100MM	2	2-100MM	1-100MM	4	350MM X 350MM Ø10 @ 150mm C/C	250mm ATTACHMENT TO CL
CB-1	200X400X30X14	1-100MM	2	2-100MM	1-100MM	4	350MM X 350MM Ø10 @ 150mm C/C	250mm ATTACHMENT TO CL


 CMA CONSULTING ARCHITECTS OF THE PHILIPPINES
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
 INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION
 DESIGN STAFF: ANITA LADITE
 SUPERVISOR: [Signature]
 CHECKED BY: [Signature]
 DESIGNED BY: [Signature]

CHECKED/QUANTIFIED BY: [Signature]
 MANUEL B. DELA CRUZ
 CIVIL ENGINEER (R.E.T.)

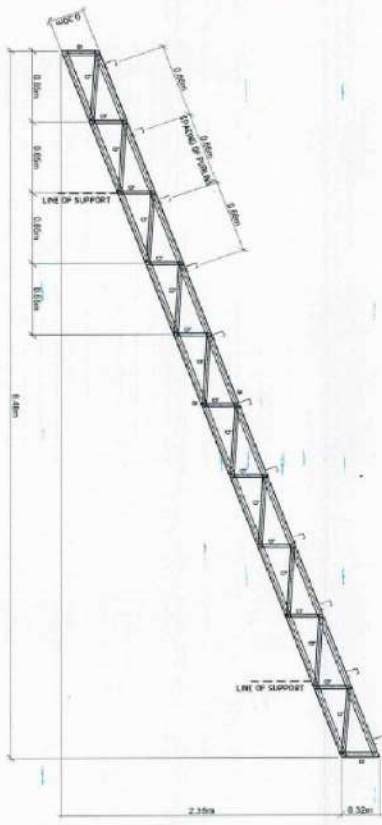
APPROVED BY: [Signature]
 EN. BENJAMIN A. SOLIS
 Civil, Aeronautical Engineering and Infrastructure

ATT. RAFAEL A. TALOGORBER
 AVAL GAVEN MANAGER, AREA OFFICE IV

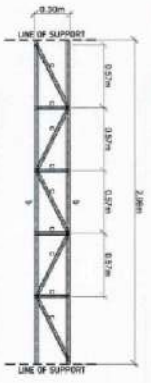
NOTES: REVISIONS

PROJECT TITLE: "CONSTRUCTION OF CBS OFFICE BUILDING"
 LOCATION: PUERTO PRINCESA INTERNATIONAL AIRPORT, MARINAVIEW, AVAL
 SHEET CONTENTS: TYPICAL SECTION OF BEAM/GIRDER
 SYMBOLS OR BEAM DESIGN: AS SHOWN

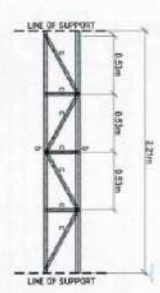
DRAWING SCALE: AS SHOWN
 SHEET NO.: 05



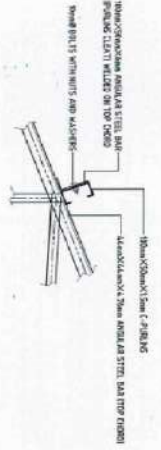
13
DETAIL OF RT-1
SCALE: 1:25



15
DETAIL OF ST-1
SCALE: 1:25

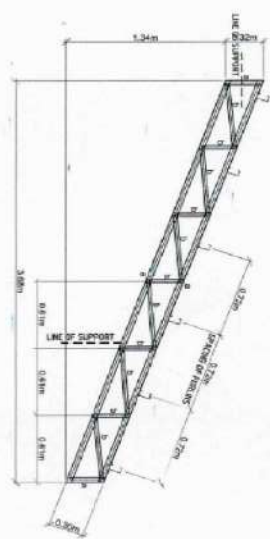


16
DETAIL OF ST-2
SCALE: 1:25

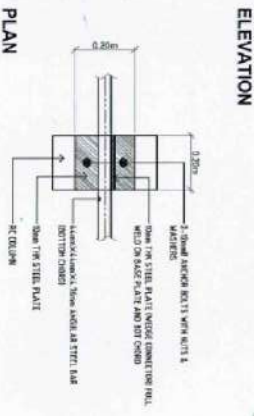
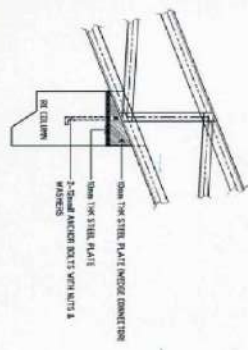
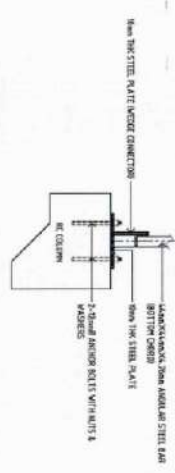


17
DETAIL OF PURLINS CLEAT
SCALE: 1:10

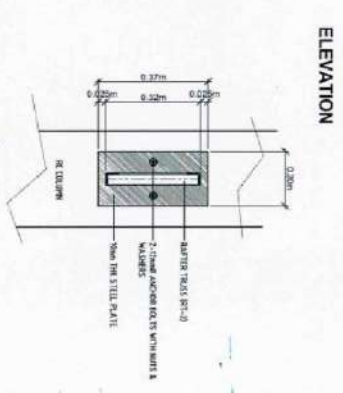
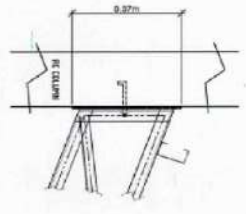
MARK	MEMBER DESIGNATION	GUSSET	WELD
0	4mm X 4mm X 4mm ANGLE AT STEEL END		
3	3mm X 3mm X 3mm ANGLE AT STEEL END		
4	2mm X 2mm X 2mm ANGLE AT STEEL END		



14
DETAIL OF RT-2
SCALE: 1:25



18
DETAIL OF CONNECTION
SCALE: 1:50



19
DETAIL OF CONNECTION
SCALE: 1:10



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICES
AIRPORT DEVELOPMENT AND CONSTRUCTION SERVICES
AIRPORT OPERATIONS AND SERVICES

DESIGNATION	INITIALS	DATE
DESIGNED BY		
CHECKED BY		
APPROVED BY		

APPROVED BY:
MARK A. SOLIS
Chief, Aeronautics Engineering and Maintenance

APPROVED BY:
ATTY. RUZELA A. TALONKOLAN
AREA CENTER MANAGER, AREA CENTER IV

PROJECT TITLE:
"CONSTRUCTION OF CSIS OFFICE BUILDING"
LOCATION:
PUERTO PRINCESA INTERNATIONAL AIRPORT
PASAYAN DIVISION OFFICE, PASAYAN

SHEET CONTAINS:
REVISIONS:
NO. | DATE | DESCRIPTION
1 | 11/11/2019 | INITIAL DESIGN
2 | 11/11/2019 | REVISION OF PURLINS CLEAT
3 | 11/11/2019 | REVISION OF CONNECTION
4 | 11/11/2019 | REVISION OF CONNECTION

DRAWING SCALE: AS SHOWN
SHEET NO. 07



CHINA AIRPORT AUTHORITY OF THE HONGKONG

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INT'L DATE

DESIGNED BY: BOB

DRAWN BY: CAG

CHECKED BY: LMS

DATE: 1/11/2011

DRAWN BY:

CHECKED/SUBMITTED BY:

APPROVED BY:

ATT: MR/MS A. TAN/CHIEF AIRSIDE/CHIEF/MANAGER AIRSIDE CENTER IV

NOTES: 1. REFER TO:

LOCATION:

PROJECT TITLE:

CONSTRUCTION OF CSIS OFFICE BUILDING

PUERTO PRINCESA INTERNATIONAL AIRPORT

PROJECT NUMBER: CIV/MA/001

SHEET CONTENTS:

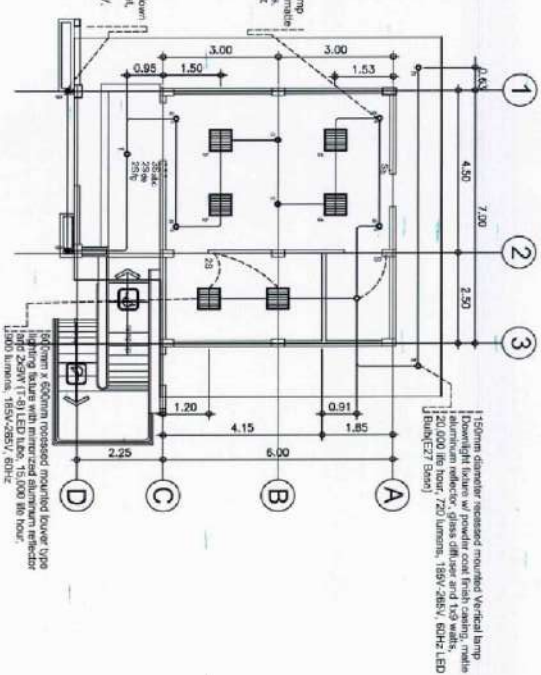
1. LIGHTING LAYOUT PLAN

2. POWER LAYOUT PLAN

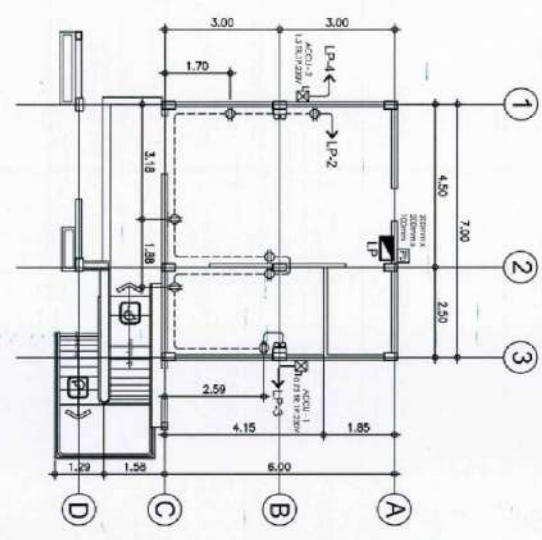
3. TELEPHONE OUTLET LAYOUT PLAN

DRAWING SCALE: AS SHOWN

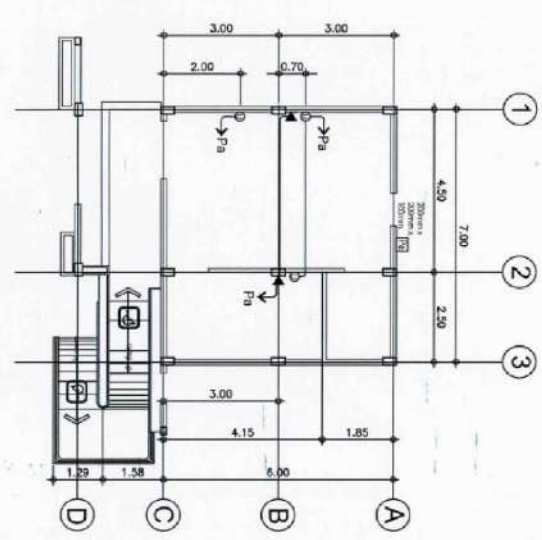
SHEETING: E 02



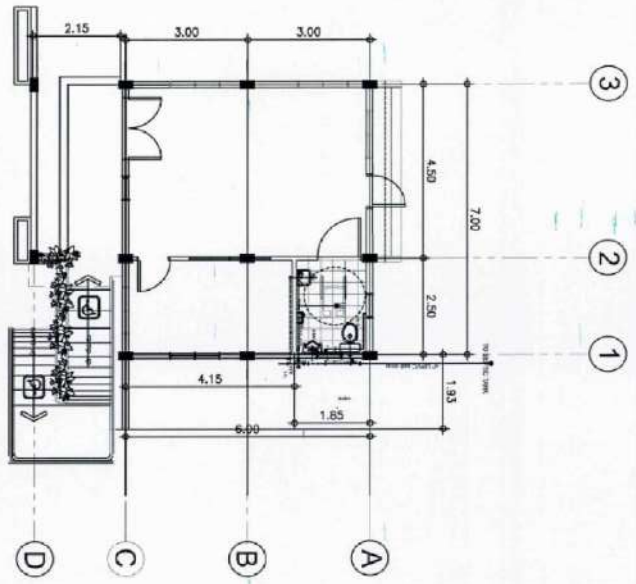
1 LIGHTING LAYOUT PLAN
1:75M SCALE



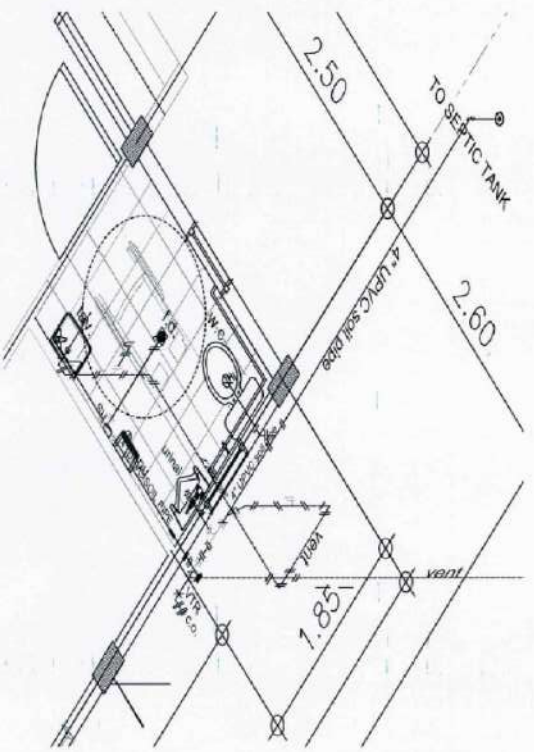
2 POWER LAYOUT PLAN
1:75M SCALE



3 TELEPHONE OUTLET LAYOUT PLAN
1:75M SCALE



PROPOSED CSIS OFFICE
1
 GROUND PLUMBING LAYOUT PLAN
 SCALE: 1:70 M



PROPOSED CSIS OFFICE
2
 GROUND PLUMBING ISOMETRIC PLAN
 SCALE: 1:50 M

PLUMBING LEGENDS	
□	FLOOR DRAIN
■	TOILET DRAIN
□	WATER LINE
□	WATER CLOSET
□	TRIMMED VENT
□	VENT THROUGH CEILING
□	CLEAN OUT
□	CONDUIT
□	UNION
□	BACKWATER BACKFLOW
□	BRAND VENT
□	SEPTIC TANK

WATER LINE LEGENDS	
W	LAVATORY
WC	WATER CLOSET
HS	HOSE REEL
HD	HAND DRYER
MS	MISC. SANITATION
UT	URINAL
FR	FRIDGE
WL	WATER LINE
WU	WATER UTILITY
CV	CHECK VALVE
CV	CLOSE VALVE
FR	FRESH WATER INVENT. LINE

<p>CAA CIVIL AVIATION AUTHORITY OF THE PHILIPPINES</p>	<p>THIS DRAWING IS AN EXCLUSIVE PROPERTY OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ANY REUSE OR REPRODUCTION OF THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF THE CIVIL AVIATION AUTHORITY OF THE PHILIPPINES IS STRICTLY PROHIBITED.</p> <p>AEROSPACE DEVELOPMENT AND MANAGEMENT SERVICE INFRASTRUCTURE DEVELOPMENT AND OPERATION DIVISION</p>
---	--

<p>DESIGNED BY: </p> <p>CHECKED BY: </p> <p>APPROVED BY: </p> <p>DATE: 02/01/2024</p>	<p>DESIGNED BY: </p> <p>CHECKED BY: </p> <p>APPROVED BY: </p> <p>DATE: 02/01/2024</p>
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APPROVED BY: **ATTY. RAHEL A. TANIGOD**
 PRESIDENT / MANAGER, AREA CENTER IV

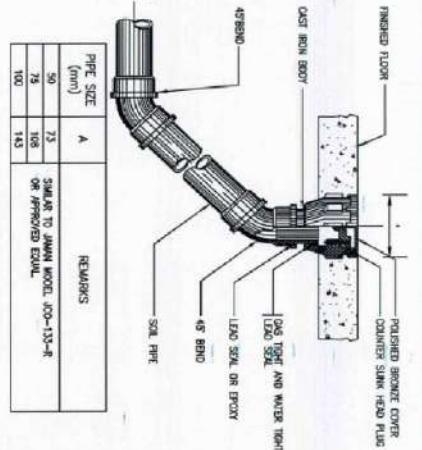
NOTES: 1. RESPONSE

PROJECT TITLE: **CONSTRUCTION OF CSIS OFFICE BUILDING**

LOCATION: **FUERTO PRINCESA INTERNATIONAL AIRPORT**
 MUNICIPALITY OF FUERTO PRINCESA

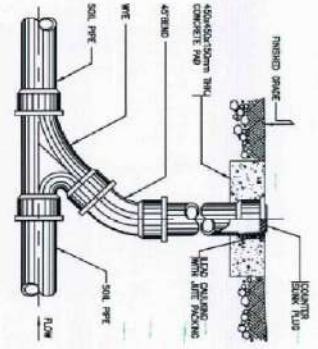
DRAWING SCALE: **P 02**

AS SHOWN

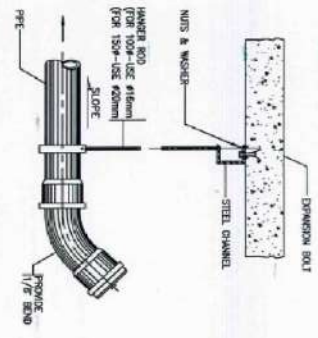


PIPE SIZE (mm)	A	REMARKS
50	73	SIMILAR TO JANUM MODEL J03-133-R
75	108	OR APPROVED EQUAL
100	143	

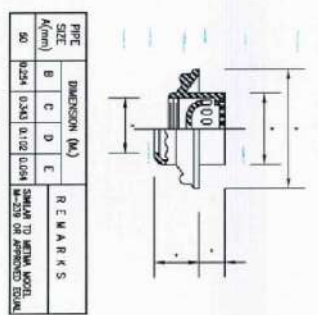
FLOOR CLEAN OUT



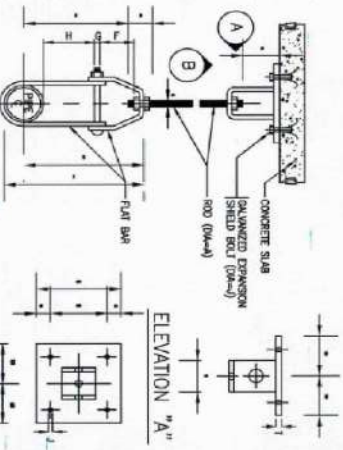
GROUND CLEAN OUT



CEILING CLEAN OUT



FLOOR DRAIN

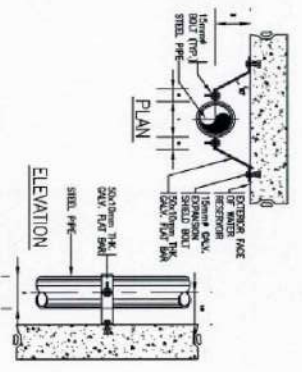


SECTION ELEVATION "A" ELEVATION "B"

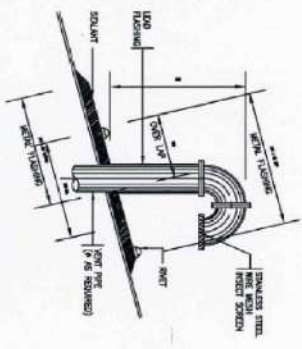
SCHEDULE OF PIPE HANGER

PIPE FLAT BAR SIZE (mm)	DIMENSIONS IN mm												
	A	B	C	D	E	F	G	H	J	T	W		
15-25	3025	10	100	119	85	83	16	8	80	14	10	50	
32-40	3025	10	121	146	85	103	27	8	50	14	10	50	
50	3025	10	150	221	85	185	41	8	100	14	10	50	
65-75	5025	13	219	252	75	182	45	10	100	14	10	50	
100	6025	16	233	295	90	208	46	10	100	14	10	50	
150	6040	19	270	350	100	238	49	13	100	18	13	50	

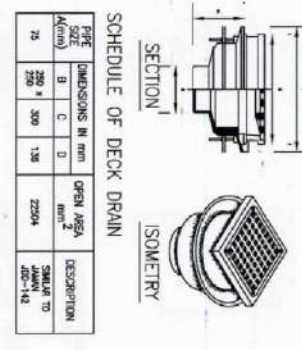
PIPE HANGER



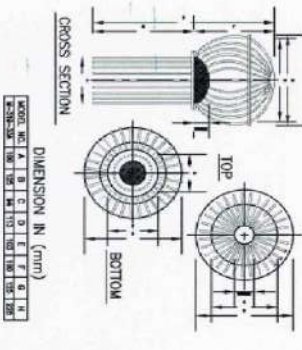
OFFSET PIPE CLAMP



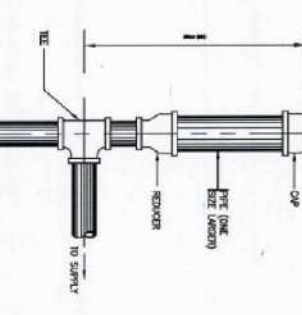
VENT THRU ROOF



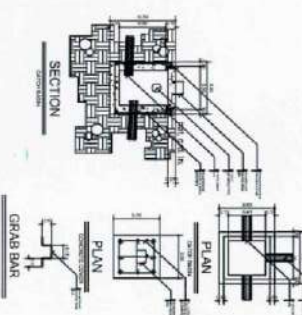
DECK DRAIN



ROOF DRAIN



AIR CHAMBER



CATCH BASIN

PROPOSED CSRS OFFICE
MISCELLANEOUS STANDARD DETAILS
N T S



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DESIGNER:
CHECKED BY:
DATE:
PROJECT:
SHEET NO:
AS SHOWN

APPROVED BY:
DATE:
PROJECT:
SHEET NO:
AS SHOWN

PROJECT TITLE:
LOCATION:
DRAWING SCALE:
SHEET NO:
AS SHOWN



CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

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AERONAUTIC DEVELOPMENT AND MANAGEMENT SERVICE
 INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL DATE
 SUPERVISOR: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]

APPROVED BY: [Signature]
 MARIANNE S. DELA ROSA
 DESIGNER

APPROVED BY: [Signature]
 DR. DENNIS A. SOLIS
 CHIEF, AERONAUTIC ENGINEERING AND MAINTENANCE

APPROVED BY: [Signature]
 ATTY. REXES A. TANTIQUILAN
 AREA CHIEF/ MANAGER, AREA CENTER

NOTES: [Blank lines for notes]

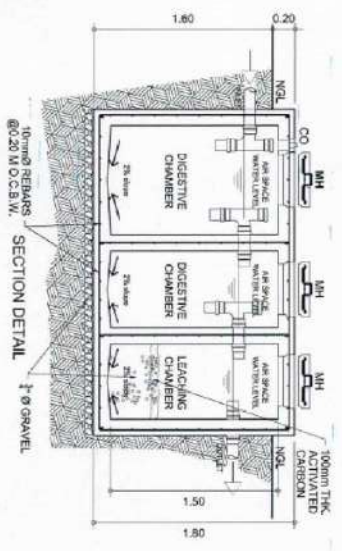
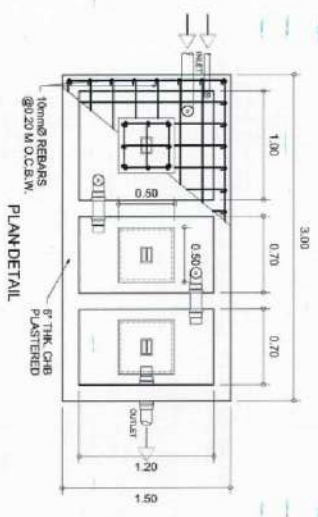
PROJECT TITLE: "CONSTRUCTION OF CSIS OFFICE BUILDING"

LOCATION: PUEERTO PRINCESA INFERRALIA, TURTLE POINT, PANGASINAN

DATE: [Blank]
 SHEET NO: 04

LEGENDS & SYMBOLS

—	WATER SUPPLY LINE	FD	FLOOR DRAIN
—	WASTE PIPE LINE	MH	MANHOLE
—	SOIL PIPE LINE	WC	WATER CLOSET
—	REDUCER FITTINGS	F	FALCET
—	GATE VALVE	SHO	SHOWER
—	WATER METER	LAV.	LAVATORY
—	CHECK VALVE	C.O.	CLEAN OUT
—		ST	SEPTIC TANK



GENERAL PLUMBING NOTES

1. ALL PLUMBING NOTES INCLUDED HEREIN SHALL BE ACCORDANCE WITH THE PROVISION OF THE PLUMBING CODE, NATIONAL BUILDING CODE AND THE LOCAL REGULATIONS OF THE LOCALITY.
2. COORDINATE THE DRAWINGS WITH THE OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE ENGINEER AND/OR ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND HEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED. ANY RELOCATION REQUIRED FOR PROPER EXECUTION OF PLUMBING WORKS SHALL BE WITH THE PRIOR APPROVAL OF THE ENGINEER AND/OR ARCHITECT.
4. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH, AND INVERT ELEVATIONS OF ALL EXISTING PIPES AND STRUCTURE AS VERIFIED BY THE CONSTRUCTOR.
5. ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN ONE PERCENT (0.01) AND A HALF (0.005) MINIMUM UNLESS OTHERWISE SPECIFIED.
6. WATER SUPPLY PIPE TO FIXTURES SHALL BE SIZED ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
7. ALL BRANCHES OF FIXTURES OR GROUP OF FIXTURES SHALL BE PROVIDED WITH AIR CHAMBER MADE OF COPPED VERTICAL EXTENSION PIPE.
8. ALL WATER LINES SHALL BE HYDROSTATICALLY TESTED AT 100 PSI FOR A PERIOD OF TWO (2) HOURS BEFORE BURIED OR COVERED GALVANIZED IRON (GI) DIRECTLY IN CONTACT WITH THE SOIL SHALL BE PROVIDED WITH TWO COATS OF ASPHALT.

PROPOSED CSIS OFFICE
1 SEPTIC TANK DETAILS
 SCALE: 1:30 W

Section VIII. Bill of Quantities

{ CONTRACTOR'S LOGO IN MAIN PAGE }

BILL OF QUANTITIES

PROJECT: Construction of CSIS Office

LOCATION: Puerto Princesa International Airport

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE (Pesos)	AMOUNT (Pesos)
1	CIVIL/STRUCTURAL WORKS				
	Pesos _____ Amount in Words _____ _____ and _____ _____ centavos	1.0	LOT		
2	ARCHITECTURAL WORKS				
	Pesos _____ Amount in Words _____ _____ and _____ _____ centavos	1.0	LOT		
3	ELECTRICAL WORKS				
	Pesos _____ Amount in Words _____ _____ and _____ _____ centavos	1.0	LOT		
4	MECHANICAL WORKS				
	Pesos _____ Amount in Words _____ _____ and _____ _____ centavos	1.0	LOT		
5	PLUMBING WORKS				
	Pesos _____ Amount in Words _____ _____ and _____ _____ centavos	1.0	LOT		

{CONTRACTOR'S LOGO IN MAIN PAGE}

BID PROPOSAL

PROJECT: Construction of CSIS Office

LOCATION: Puerto Princesa International Airport

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] 12%[(5+9)]	[11] [9]+ [10]	[12] [5]+ [11]	[13] [12] / [3]
1	CIVIL/STRUCTURAL WORKS	1	LOT									
2	ARCHITECTUTAL WORKS	1	LOT									
3	ELECTRICAL WORKS	1	LOT									
4	MECHANICAL WORKS	1	LOT									
5	PLUMBING WORKS	1	LOT									

SUBMITTED BY:

Signature _____

Printed Name _____

Position _____

Name of Company _____

Date _____

{ CONTRACTOR'S LOGO IN MAIN PAGE }

DETAILED ESTIMATE

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE- Puerto Princesa			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE- Puerto Princesa			
LOCATION :		Puerto Princesa International Airport			
SUBJECT :		Bill of Quantities		QUANTITY	UNIT
				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		: Puerto Princesa International 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 DRSB	150.00	pcs.		
	12 mm Ø x 6m DRSB	17.00	pcs.		
	10 mm Ø x 6m DRSB	249.00	pcs.		
	G.I. Tie Wires	34.00	kgs.		
	Formlumber	1,227.00	bdf.		
	½" 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					

LOCATION	: Puerto Princesa International Airport			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					

LOCATION : Puerto Princesa International Airport				QUANTITY	UNIT
SUBJECT : Bill of Quantities				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		
	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				

LOCATION		Puerto Princesa International Airport		QUANTITY		UNIT
SUBJECT		Bill of Quantities		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.			
	Tecksrew, 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					
C	Roofing Works Equipment 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					
	TOTAL ESTIMATED COST (D + G), P					
	TOTAL ESTIMATED UNIT COST (Total Estimated Cost / Quantity), P/Unit					

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE- Puerto Princesa			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE- Puerto Princesa			
LOCATION :		Puerto Princesa International Airport			
SUBJECT :		Bill of Quantities		QUANTITY	UNIT
ITEM	DESCRIPTION	QUANTITY	UNIT	5.00	sq.m.
2.00	ARCHITECTURAL WORKS				
2.01	Tile Works/ Floor Cement Finish				
A	Materials				
	300mm x 300mm Non-skid Homogenous Tiles	62.00	pcs		
	Portland Cement, 40 Kg	25.00	bags		
	Sand	1.38	cu.m.		
	Tile Grout (5kg)	2.00	bags		
	Tile Adhesive (25kg)	4.00	bags		
B	Labor	QTY	DAYS	RATE/DAY	
	Construction Foreman	1.00	5		
	Skilled Workers	1.00	5		
	Common Workers	1.00	5		
			Material Cost	.....
			Labor Cost	.....
A	Tile Works Material Cost				
B	Tile Works Labor Cost				
C	Tile Works Equipment 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 :		Puerto Princesa International Airport			
SUBJECT :		Bill of Quantities		QUANTITY	UNIT
ITEM	DESCRIPTION	QUANTITY	UNIT	55.00	sq.m.
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					

LOCATION :		Puerto Princesa International Airport		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			
B	Labor	QTY		Material Cost	.....
	Construction Foreman	1.00	2	DAYS	RATE/DAY	
	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- Puerto Princesa			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE- Puerto Princesa			
LOCATION :		Puerto Princesa International Airport			
SUBJECT :		Bill of Quantities		QUANTITY	UNIT
				138.00	lm
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
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 :		Puerto Princesa International Airport		QUANTITY	UNIT
SUBJECT :		Bill of Quantities		6.00	rolls
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
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					

LOCATION		: Puerto Princesa International Airport		QUANTITY	UNIT
SUBJECT		: Bill of Quantities		15.00	sets
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
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		: Puerto Princesa International Airport		QUANTITY		UNIT
SUBJECT		: Bill of Quantities		20.00	sets	
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
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						

LOCATION		Puerto Princesa International Airport		QUANTITY	UNIT
SUBJECT		Bill of Quantities		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 Guage 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		Puerto Princesa International Airport		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					

LOCATION : Puerto Princesa International Airport				QUANTITY	UNIT
SUBJECT : Bill of Quantities				144.00	lm
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.07	ACJ Wires & Cables				
A	Materials	144.00	lm		
	5.5 mm ² THHN/THWN-2 Copper Wire (UL Listed)	32.00	lm		
	3.5 mm ² THHN/THWN-2 Copper Wire (UL Listed)	96.00	lm		
	2.0 mm ² 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	ACJ WIRES AND CABLES MATERIAL COST				
B	ACJ WIRES AND CABLES LABOR COST				
D	ACJ 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 : Puerto Princesa International Airport				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 × 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 × 2 Utility Box ga. 16 (G.I.)	5.00	pcs		
	Blank Plate	3.00	pcs		
	Pullbox, 200mmx200mmx100mm Gauge 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				

LOCATION : Puerto Princesa International Airport				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 : Puerto Princesa International Airport				QUANTITY		UNIT
SUBJECT : Bill of Quantities				1.00		assy
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
3.00	ELECTRICAL WORKS					
3.10	Panelboard/Circuit Breaker					
A	Materials	1.00	assy			
	Lighting and Power Panelboard	1.00	assy			
	1Ø, 2W, 240/120V, 60HZ, with GROUND					
	Main: 50AT, 2-Pole, 240V, 10 KAIC CB					
	Branches: 1×15AT, 2-Pole, 10 KAIC 240V, Bolt-on Type					
	3×20AT, 2-Pole, 10 KAIC 240V, Bolt-on Type					
	1×30AT, 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					
		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	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						

LOCATION		: Puerto Princesa International Airport		QUANTITY	UNIT
SUBJECT		: Bill of Quantities		9.00	Im
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.11	Feeder/Sub Feeder Conductor				
A	Materials	9.00	Im		
	5.5 mm ² THHN/THWN Copper Wire (UL Listed)	3.00	Im		
	14 mm ² THHN Copper Wire (UL Listed)	6.00	Im		
				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	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		: Puerto Princesa International Airport		QUANTITY	UNIT
SUBJECT		: Bill of Quantities		3.00	Im
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
3.00	ELECTRICAL WORKS				
3.12	Feeder/Sub Feeder Conduit and Fittings				
A	Materials	3.00	Im		
	25mm diameter × 4m EMT	1.00	pc		
	25mm diameter LB Conduit	2.00	pcs		
	25mm diameter EMT Connector	2.00	pcs		
				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	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		: Puerto Princesa International Airport		QUANTITY		UNIT
SUBJECT		: Bill of Quantities		1.00	lot	
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT	
3.00	ELECTRICAL WORKS					
3.13	Termination Accessories, Hangers and Supports					
A	Materials					
	Electrical Tape, 19mm x 0.19mm x 16m	1.00	lot			
	6mm diameter x 6m Round bar	2.00	pcs			
	Conduit hanger clamp	3.00	pcs			
	6mm Expansion Shield	5.00	sets			
	G.I. Tie Wire Ga. 16	36.00	pcs			
		2.00	kgs			
				Material Cost	.....
B	Labor	QTY	DAYS	RATE/DAY		
	Foreman	1.00	1			
	Skilled Laborer	1.00	1			
	Common Laborer	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					

Notes:

- 1.) The electrical sub feeder wires, conduits and fittings between the available Power source (spare circuit breaker) and proposed building (CSIS Office) is not included in the Bill of Quantities. End user will be responsible for verifying the actual distance on site and must revised the POW and provide additional plans if necessary.
- 4.) End user to include in the POW the cost of repair for all structural and architectural finishes that will be damaged during the course of work (Rough-ins for electrical sub feeder wires)

NAME OF PROJECT :		CONSTRUCTION OF CSIS OFFICE- Puerto Princesa			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE- Puerto Princesa			
LOCATION :		Puerto Princesa International Airport			
SUBJECT :		Bill of Quantities		QUANTITY	UNIT
				2.00	sets
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
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 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	1.00	set		
	2.0 Hp Inverter Wall mounted Split type Air Conditioning Unit 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	1.00	set		
				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 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		Puerto Princesa International Airport		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					
LOCATION		0.00		QUANTITY	UNIT
SUBJECT		Bill of Quantities		1.00	pc.
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
4.00	MECHANICAL WORKS				
4.03	Fire Extinguisher				
A	Materials	1.00	pc		
	10 lbs ABC Dry Chemical Portable Fire Extinguisher with complete accessories	1.00	pc		
	Material Cost	.....		
B	Labor	QTY	DAYS	RATE/DAY	
	Skilled Laborer	1.00	1		
	Common Laborer	1.00	1		
	Labor Cost	.....		
A	FIRE EXTINGUISHER MATERIAL COST				
B	FIRE EXTINGUISHER LABOR COST				
D	FIRE EXTINGUISHER DIRECT COST				
INDIRECT COSTS					
	1. OCM (0% - 8% of TDC)	8.0%	of Estimated Direct Cost		
	2. CONTRACTOR'S PROFIT (0% - 10% of TDC)	8.0%	of Estimated Direct Cost		
E. TOTAL OCM & PROFIT		16.0%	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- Puerto Princesa			
DESCRIPTION :		CONSTRUCTION OF CSIS OFFICE- Puerto Princesa			
LOCATION :		Puerto Princesa International Airport		QUANTITY	UNIT
SUBJECT :		Bill of Quantities		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	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		: Puerto Princesa International Airport		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					

LOCATION : Puerto Princesa International Airport				QUANTITY	UNIT
SUBJECT : Bill of Quantities				1.00	lot
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
5.03	Water Line				
A	Materials				
	20mmØ x 4m PPR Pipe	4.00	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	10.00	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		: Puerto Princesa International Airport		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 the Project : _____

Location : _____

CASH FLOW BY QUARTER AND PAYMENT SCHEDULE

PARTICULAR	%WT.	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 Bidder

Date:

Section IX. Bidding Forms Sample

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : _____

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

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: *[insert name of contract]*;
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: *[insert information]*;
- d. The discounts offered and the methodology for their application are: *[insert information]*;
- e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. 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, or a Performance Securing Declaration in lieu of the allowable

forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹ for this purpose;

- h. 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;
- i. 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
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. 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].
- l. 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: _____

Legal Capacity: _____

Signature: _____

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

Date: _____

¹ currently based on GPPB Resolution No. 09-2020

{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: _____

Signature & Name of
Managing Officer

By: _____

Signature & Name of Authorized
Authorized Representative

Designation / Position

Designation / Position

Name of Bidder (Member Partner)

Name of Bidder (Member Partner)

By: _____

Signature & Name of
Managing Officer

By: _____

Signature & Name of Authorized
Authorized Representative

Designation / Position

Designation / Position

SIGNED IN THE PRESENCE OF:

A C K N O W L E D G E M E N T

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 _____

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

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

BID SECURING DECLARATION

Project Identification No.: *[Insert 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 procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 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; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

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

AFFIDAVIT

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

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

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

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

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

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

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

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 responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED

REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

**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, 20__ affiant 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 _____

AUTHORITY OF SIGNATORY
(SPECIAL POWER OF ATTORNEY)

I, _____, President of _____ (Name of the Bidder), a corporation incorporated under the laws of the Republic of the Philippines with its registered office at _____, by virtue of Board Resolution No. _____ dated _____, has made, constituted and appointed _____ true and lawful attorney, for it and its name, place and stead, to do, execute and perform any and all acts necessary and/or represent _____ in the bidding of _____ (Name of the Project) as fully and effectively as corporation might do if personally present with full power of substitution and revocation and hereby confirming all that said representative shall lawfully do or cause to be done by virtue hereof.

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

Signed in the Presence of:

ACKNOWLEDGEMENT

[Format shall be based on the latest Rules on Notarial Practice]

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: _____

ENGR. ROWLAND G. ALARCON
Chairman, BAC - Area Center IV, Puerto Princesa International Airport
Civil Aviation Authority of the Philippines-Puerto Princesa International Airport
National Highway, Brgy. San Miguel,
Puerto Princesa City, 5300, Palawan
Tel: (048) 433 4965

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: _____

ENGR. ROWLAND G. ALARCON
Chairman, BAC - Area Center IV, Puerto Princesa International Airport
Civil Aviation Authority of the Philippines-Puerto Princesa International Airport
National Highway, Brgy. San Miguel,
Puerto Princesa City, 5300, Palawan
Tel: (048) 433 4965

Subject: Key Personnel's Certificate of Employment

Dear Sir:

I am (Name of Employee) a Licensed _____ 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
COMPLETED**

COST

DATE

_____	_____
_____	_____
_____	_____
_____	_____

At present, I am supervising the following project:

**NAME OF PROJECT OWNER
COMPLETED**

COST

DATE

_____	_____
_____	_____
_____	_____
_____	_____

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 two (2) years of experience. (Attached as many pages 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
<u>A. Owned</u>							
I.							
II.							
III.							
IV.							
V.							
<u>B. Leased</u>							
I.							
II.							
III.							
IV.							
V.							
<u>C. Under Purchased Agreement</u>							
I.							
II.							
III.							
IV.							
V.							

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

Contract Agreement Form for the Procurement of Infrastructure Projects (Revised)

[not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award (NOA)]

CONTRACT AGREEMENT

THIS AGREEMENT, made this *[insert date]* day of *[insert month]*, *[insert year]* between *[name and address of PROCURING ENTITY]* (hereinafter called the “Entity”) and *[name and address of Contractor]* (hereinafter called the “Contractor”).

WHEREAS, the Entity is desirous that the Contractor execute *[name and identification number of contract]* (hereinafter called “the Works”) and the Entity has accepted the Bid for *[contract price in words and figures in specified currency]* by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, *viz.:*

a. Philippine Bidding Documents (PBDs);

- i. Drawings/Plans;
- ii. Specifications;
- iii. Bill of Quantities;
- iv. General and Special Conditions of Contract;
- v. Supplemental or Bid Bulletins, if any;

b. Winning bidder’s bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder’s bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder’s response to

request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

- c. Performance Security;
- d. Notice of Award of Contract and the Bidder's conforme thereto; and
- e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**

- 3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid. *GPPB Resolution No. 16-2020, dated 16 September 2020*
- 4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS WHEREOF, the parties thereto have caused this Agreement to be executed the day and year first before written.

[Insert Name and Signature]

[Insert Name and Signature]

[Insert Signatory's Legal Capacity]

[Insert Signatory's Legal Capacity]

for:

for:

[Insert Procuring Entity]

[Insert Name of Supplier]

Acknowledgment

[Format shall be based on the latest Rules on Notarial Practice]

Section X. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

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.

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.

