

# Republic of the Philippines Department of Transportation CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AREA CENTER I Laoag International Airport

Name of Project:

# Perimeter Fence at Laoag International Airport

Approved Budget for the Contact:

Two Million Seven Hundred Eleven Thousand One Hundred Nineteen Pesos and Thirty-three Centavos Only (Php 2,711,119.33)

**Sixth Edition** 

## TABLE OF CONTENTS

SEC	CTION	N I. INVITATION TO BID	4
SEC	CTION	N II. INSTRUCTIONS TO BIDDERS	7
	1.	Scope of Bid	.8
	2.	Funding Information	.8
	3.	Bidding Requirements	.8
	4.	Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices	.8
	5.	Eligible Bidders	.9
	6.	Origin of Associated Goods	.9
	7.	Subcontracts	.9
	8.	Pre-Bid Conference 1	0
	9.	Clarification and Amendment of Bidding Documents	0
	10.	Documents Comprising the Bid: Eligibility and Technical Components1	0
	11.	Documents Comprising the Bid: Financial Component	1
	12.	Alternative Bids	1
	13.	Bid Prices	1
	14.	Bid and Payment Currencies	1
	15.	Bid Security1	2
	16.	Sealing and Marking of Bids	2
	17.	Deadline for Submission of Bids	2
	18.	Opening and Preliminary Examination of Bids	2
	19.	Detailed Evaluation and Comparison of Bids	2
	20.	Post Qualification	3
	21.	Signing of the Contract	3
SEC	CTION	N III. BID DATA SHEET1	4
SEC	CTION	N IV. GENERAL CONDITIONS OF CONTRACT1	7
	1.	Scope of Contract	8
	2.	Sectional Completion of Works	
	3.	Possession of Site	
	4.	The Contractor's Obligations	8
	5.	Performance Security	
	6.	Site Investigation Reports	
	7.	Warranty1	9

	8.	Liability of the Contractor	19
	9.	Termination for Other Causes	19
	10.	Dayworks	20
	11.	Program of Work	20
	12.	Instructions, Inspections and Audits	20
	13.	Advance Payment	20
	14.	Progress Payments	20
	15.	Operating and Maintenance Manuals	21
10. Dayworks  11. Program of Work	22		
SE	CTIO	N VI. SPECIFICATIONS	25
SE	CTIO	13. Advance Payment	32
SE	CTIO	N VIII. BILL OF QUANTITIES	40
		N IX. CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS	

## Section I. Invitation to Bid

#### **Notes on the Invitation to Bid**

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

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

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

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

#### CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

#### LAOAG INTERNATIONAL AIRPORT

## Invitation to Bid for Rehabilitation of Cyclone Perimeter Fence at Laoag International Airport

- 1. The Civil Aviation Authority of the Philippines, Area Center I through the Annual Procurement Plan, CY 2021 intends to apply the sum of Two Million Seven Hundred Eleven Thousand One Hundred Nineteen Pesos and Thirty-three Centavos Only (Php 2,711,119.33) being the Approved Budget for the Contract (ABC) to payments under the contract for Rehabilitation of Cyclone Perimeter Fence at Laoag International Airport. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The Civil Aviation Authority of the Philippines, Area Center I now invite bids for the above Procurement Project. Completion of the Works is required *Seventy Days* (70 *Days*). Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
- 3. Bidding will be conducted through open competitive bidding procedures using non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
- 4. Interested bidders may obtain further information from Civil Aviation Authority of the Philippines, Area Center I and inspect the Bidding Documents at the address given below from 8AM-5PM, Monday-Friday.
- 5. A complete set of Bidding Documents may be acquired by interested bidders on September 9, 2021 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 Only (Php 5,000.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees by in person or through the given email address below.
- 6. The Civil Aviation Authority of the Philippines, Area Center I will hold a Pre-Bid Conference on September 17, 2021 at 9:00 AM at the Bids and Awards Committee Conference Room, Concessions Building, Laoag International Airport and/or through video conferencing/webcasting via Google Meet/Zoom, which shall be open to prospective bidders.
- 7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below on or before **September 29, 2021 at 9:00 AM**. 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 29, 2021 at 9:00 AM** at **Bids and Awards Committee Conference Room, Concessions Building, Laoag International Airport** and/or through *Google Meet/Zoom*. 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 I reserve the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

#### HAZELLE MAY C. ANDRES

Head, BAC Secretariat Laoag International Airport, Brgy. Araniw, Laoag City (077) 670-8446 telefax laoag.bac@gmail.com/areacenterl\_bac@caap.gov.ph

12. You may visit the following websites:

For downloading of Bidding Documents:

ATTY. RIZZA JOY VALLESTERO

BAC Chairman

Gualletero

## Section II. Instructions to Bidders

#### **Notes on the Instructions to Bidders**

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

#### 1. Scope of Bid

The Procuring Entity, Civil Aviation Authority of the Philippines, Area Center I invite Bids for the *Rehabilitation of Cyclone Perimeter Fence at Laoag International Airport*, with Project Identification Number *BAC-2021-048*.

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

#### 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for Annual Procurement Plan, CY 2021 in the amount of Two Million Seven Hundred Eleven Thousand One Hundred Nineteen Pesos and Thirty-three Centavos Only (Php 2,711,119.33)
- 2.2. The source of funding is: GOCC and GFIs, the Corporate Operating Budget.

#### 3. Bidding Requirements

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

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

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

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

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

#### 5. Eligible Bidders

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

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

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

#### 6. Origin of Associated Goods

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

#### 7. Subcontracts

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

The Procuring Entity has prescribed that:

- a. Subcontracting is not allowed.
- 7.1. [If Procuring Entity has determined that subcontracting is allowed during the bidding, state:] The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criterial stated in ITB Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
- 7.2. [If subcontracting is allowed during the contract implementation stage, state:] The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and

- comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.
- 7.3. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

#### 8. Pre-Bid Conference

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

#### 9. Clarification and Amendment of Bidding Documents

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

# 10. Documents Comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. For Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.

10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

#### 11. Documents Comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. For Foreign-funded procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

#### 12. Alternative Bids

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

#### 13. Bid Prices

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

#### 14. Bid and Payment Currencies

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

#### 15. Bid Security

- 15.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 15.2. The Bid and bid security shall be valid until *or for One Hundred Twenty Days* (120 days) from the date of the 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 15 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

#### 20. Post Qualification

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

#### 21. Signing of the Contract

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

### Section III. Bid Data Sheet

#### **Notes on the Bid Data Sheet (BDS)**

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

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

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

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

## **Bid Data Sheet**

ITD Clause					
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:				
	a. Rehabilitation of Cyclone Perimeter Fence at Laoag International Airport				
	<b>b.</b> The bidder's SLCC similar to the contract to the bid should be have been				
	completed within the last five (5) years prior to the deadline for the submission and receipt of bids.				
	-				
7.1	No subcontracting allowed				
10.3	No further instruction				
10.4	The key personnel must meet the required minimum years of experience set below:				
	<u>Key Personnel</u> <u>General Experience</u> <u>Relevant Experience</u>				
	Civil Engineer/				
	Safety Officer 2 years 2 years				
	Welder				
	Mason				
10.5	The minimum major equipment requirements are the following:				
	Equipment Capacity Number of Units				
	Mini Dump Truck N/A 1				
	Mixer One-Bagger 1				
	Concrete Vibrator N/A 1				
	Cut-off Machine N/A 1				
	Welding Machine N/A 2				
	Portable Generator N/A 2				
12	Angle Grinder N/A				
12	No Further Instruction				
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the				
	following forms and amounts:  a. The amount of not less than <b>Fifty-four Thousand Two Hundred Twenty-two Pesos and Thirty-nine Centavos only</b> ( <i>Php 54,222.39</i> ),				
	if bid security is in cash, cashier's/manager's check,				
draft/guarantee or irrevocable letter of credit;					
	dranguarantee of interocable letter of eledit,				
	b. The amount of not less than <b>One Hundred Thirty-five Thousand Five</b>				
	Hundred Fifty-five Pesos and Ninety-seven Centavos only				
	( <i>Php135,555.97</i> ) if bid security is in Surety Bond.				
19.2	Partial bid is NOT ALLOWED				
20	No further instruction				
21	Additional contract documents relevant to the Project that may be required by				
	existing laws and/or the Procuring Entity, such as construction schedule and S-				
	curve, manpower schedule, construction methods, equipment utilization				
	schedule, construction safety and health program approved by the DOLE, and				
	other acceptable tools of project scheduling.				

- A). Pursuant to procurement principle under the Government Procurement Reform Act (RA No. 9184) and as per memorandum given by the Director General, state that, all prospective bidders shall henceforth be required to submit the following additional documents such as;
- 1. A certification, under oath, attesting that they have no pending case(s) against the Government, in addition to the eligibility requirements for bidders as prescribed under the 2016 Revised Implementing Rules and Regulations (R-IRR) of RA No. 9184.
- 2. Legal Clearance to be issued by the CAAP Enforcement and Legal Service with respect to the non-pendency of any cases of prospective bidders against this Authority.

NOTE: These documents are being required during the post-qualification stage of the procurement process.

## Section IV. General Conditions of Contract

#### **Notes on the General Conditions of Contract**

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

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

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

#### 1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

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

#### 2. Sectional Completion of Works

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

#### 3. Possession of Site

- 3.1 The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the SCC, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.
  - 3.2 If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

#### 4. The Contractor's Obligations

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

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

#### 5. Performance Security

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

#### 6. Site Investigation Reports

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

#### 7. Warranty

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

#### 8. Liability of the Contractor

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

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

#### 9. Termination for Other Causes

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

#### 10. Dayworks

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

#### 11. Program of Work

- 11.1. The Contractor shall submit to the Procuring Entity's Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the **SCC**.
- 11.2. The Contractor shall submit to the Procuring Entity's Representative for approval an updated Program of Work at intervals no longer than the period stated in the SCC. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity's Representative may withhold the amount stated in the SCC from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

#### 12. Instructions, Inspections and Audits

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

#### 13. Advance Payment

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

#### 14. Progress Payments

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

#### 15. Operating and Maintenance Manuals

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

## Section V. Special Conditions of Contract

## **Notes on the Special Conditions of Contract**

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

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

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

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

# **Special Conditions of Contract**

2 No further instruction  [Specify the schedule of delivery of the possession of the site to Contractor, whether full or in part.]  The Intended Completion Date is seventy days (70) days.  NOTE: The contract duration shall be reckoned from the start of and not from contract effectivity date.  The site investigation reports are: [list here the required site investigation reports.]  [In case of permanent structures, such as buildings of types 4 and classified under the National Building Code of the Philippines and structures made of steel, iron, or concrete which comply with reless tructural codes (e.g., DPWH Standard Specifications), such as, builmited to, steel/concrete bridges, flyovers, aircraft movement areas, padams, tunnels, filtration and treatment plants, sewerage systems, palants, transmission and communication towers, railway system, other similar permanent structures:] Fifteen (15) years.  [In case of semi-permanent structures, such as buildings of types 1, 2, 3 as classified under the National Building Code of the Philippic concrete/asphalt roads, concrete river control, drainage, irrigation canals, river landing, deep wells, rock causeway, pedestrian overpass other similar semi-permanent structures:] Five (5) years.  [In case of other structures, such as bailey and wooden bridges, showells, spring developments, and other similar structures:] Two (2) years.  [In case of other structures, such as bailey and wooden bridges, showells, spring developments, and other similar structures:] Two (2) years.  10  a. Dayworks are applicable at the rate shown in the Contractoriginal Bid.  The Contractor shall submit the Program of Work to the Procuentity's Representative within [insert number] days of delivery of Notice of Award.	GCC Clause	
4.1 [Specify the schedule of delivery of the possession of the site to Contractor, whether full or in part.] The Intended Completion Date is seventy days (70) days.  NOTE: The contract duration shall be reckoned from the start of and not from contract effectivity date.  6 The site investigation reports are: [list here the required site investign reports.]  [In case of permanent structures, such as buildings of types 4 and classified under the National Building Code of the Philippines and a structures made of steel, iron, or concrete which comply with releast tructural codes (e.g., DPWH Standard Specifications), such as, but limited to, steel/concrete bridges, flyovers, aircraft movement areas, palants, transmission and treatment plants, sewerage systems, palants, transmission and communication towers, railway system, other similar permanent structures:] Fifteen (15) years.  [In case of semi-permanent structures, such as buildings of types 1, 2, 3, as classified under the National Building Code of the Philippe concrete/asphalt roads, concrete river control, drainage, irrigation canals, river landing, deep wells, rock causeway, pedestrian overpass other similar semi-permanent structures:] Five (5) years.  [In case of other structures, such as bailey and wooden bridges, she wells, spring developments, and other similar structures:] Two (2) years.  [In case of other structures, such as bailey and wooden bridges, she wells, spring developments, and other similar structures:] Two (2) years.  10  a. Dayworks are applicable at the rate shown in the Contractor original Bid.	_	No further instruction
and not from contract effectivity date.  The site investigation reports are: [list here the required site investigation reports.]  [In case of permanent structures, such as buildings of types 4 and classified under the National Building Code of the Philippines and a structures made of steel, iron, or concrete which comply with releast tructural codes (e.g., DPWH Standard Specifications), such as, but limited to, steel/concrete bridges, flyovers, aircraft movement areas, put dams, tunnels, filtration and treatment plants, sewerage systems, put plants, transmission and communication towers, railway system, other similar permanent structures:] Fifteen (15) years.  [In case of semi-permanent structures, such as buildings of types 1, 2, 3 as classified under the National Building Code of the Philippy concrete/asphalt roads, concrete river control, drainage, irrigation canals, river landing, deep wells, rock causeway, pedestrian overpass other similar semi-permanent structures:] Five (5) years.  [In case of other structures, such as bailey and wooden bridges, showells, spring developments, and other similar structures:] Two (2) years.  [In case of other structures, and other similar structures:] Two (2) years.  The Contractor shall submit the Program of Work to the Procuentity's Representative within [insert number] days of delivery of Notice of Award.		[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.]
[In case of permanent structures, such as buildings of types 4 and classified under the National Building Code of the Philippines and a structures made of steel, iron, or concrete which comply with rele structural codes (e.g., DPWH Standard Specifications), such as, bu limited to, steel/concrete bridges, flyovers, aircraft movement areas, put dams, tunnels, filtration and treatment plants, sewerage systems, puplants, transmission and communication towers, railway system, other similar permanent structures; Fifteen (15) years.  [In case of semi-permanent structures, such as buildings of types 1, 2, 3 as classified under the National Building Code of the Philipp concrete/asphalt roads, concrete river control, drainage, irrigation canals, river landing, deep wells, rock causeway, pedestrian overpass other similar semi-permanent structures:] Five (5) years.  [In case of other structures, such as bailey and wooden bridges, showells, spring developments, and other similar structures:] Two (2) y  a. Dayworks are applicable at the rate shown in the Contract original Bid.  The Contractor shall submit the Program of Work to the Procuentity's Representative within [insert number] days of delivery of Notice of Award.		NOTE: The contract duration shall be reckoned from the start date and not from contract effectivity date.
[In case of permanent structures, such as buildings of types 4 and classified under the National Building Code of the Philippines and a structures made of steel, iron, or concrete which comply with releast ructural codes (e.g., DPWH Standard Specifications), such as, but limited to, steel/concrete bridges, flyovers, aircraft movement areas, put dams, tunnels, filtration and treatment plants, sewerage systems, put plants, transmission and communication towers, railway system, other similar permanent structures:] Fifteen (15) years.  [In case of semi-permanent structures, such as buildings of types 1, 2, 3 as classified under the National Building Code of the Philippi concrete/asphalt roads, concrete river control, drainage, irrigation canals, river landing, deep wells, rock causeway, pedestrian overpass other similar semi-permanent structures:] Five (5) years.  [In case of other structures, such as bailey and wooden bridges, shawells, spring developments, and other similar structures:] Two (2) years are applicable at the rate shown in the Contract original Bid.  11.1 The Contractor shall submit the Program of Work to the Procuentity's Representative within [insert number] days of delivery of Notice of Award.	6	The site investigation reports are: [list here the required site investigation reports.]
classified under the National Building Code of the Philippines and a structures made of steel, iron, or concrete which comply with releast tructural codes (e.g., DPWH Standard Specifications), such as, but limited to, steel/concrete bridges, flyovers, aircraft movement areas, put dams, tunnels, filtration and treatment plants, sewerage systems, puplants, transmission and communication towers, railway system, other similar permanent structures:] Fifteen (15) years.  [In case of semi-permanent structures, such as buildings of types 1, 2, 3 as classified under the National Building Code of the Philippi concrete/asphalt roads, concrete river control, drainage, irrigation canals, river landing, deep wells, rock causeway, pedestrian overpass other similar semi-permanent structures:] Five (5) years.  [In case of other structures, such as bailey and wooden bridges, showells, spring developments, and other similar structures:] Two (2) years.  10  a. Dayworks are applicable at the rate shown in the Contract original Bid.  The Contractor shall submit the Program of Work to the Procuent Entity's Representative within [insert number] days of delivery of Notice of Award.	7.2	[Select one, delete the other.]
3 as classified under the National Building Code of the Philipp concrete/asphalt roads, concrete river control, drainage, irrigation canals, river landing, deep wells, rock causeway, pedestrian overpass other similar semi-permanent structures:] Five (5) years.  [In case of other structures, such as bailey and wooden bridges, showells, spring developments, and other similar structures:] Two (2) y  10  a. Dayworks are applicable at the rate shown in the Contract original Bid.  11.1 The Contractor shall submit the Program of Work to the Procuentity's Representative within [insert number] days of delivery of Notice of Award.		[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.
<ul> <li>wells, spring developments, and other similar structures:] Two (2) y</li> <li>a. Dayworks are applicable at the rate shown in the Contract original Bid.</li> <li>The Contractor shall submit the Program of Work to the Procu Entity's Representative within [insert number] days of delivery of Notice of Award.</li> </ul>		[In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures:] Five (5) years.
a. Dayworks are applicable at the rate shown in the Contract original Bid.  11.1 The Contractor shall submit the Program of Work to the Procu Entity's Representative within [insert number] days of delivery of Notice of Award.		[In case of other structures, such as bailey and wooden bridges, shallow wells, spring developments, and other similar structures:] Two (2) years.
Entity's Representative within [insert number] days of delivery of Notice of Award.	10	a. Dayworks are applicable at the rate shown in the Contractor's original Bid.
The amount to be withheld for late submission of an updated Program	11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within [insert number] days of delivery of the Notice of Award.
Work is [insert amount].	11.2	The amount to be withheld for late submission of an updated Program of Work is [ <i>insert amount</i> ].
	13	The amount of the advance payment is [insert amount as percentage of the contract price that shall not exceed 15% of the total contract price and schedule of payment].
	14	[If allowed by the Procuring Entity, state:] Materials and equipment delivered on the site but not completely put in place shall be included for payment.
	15.1	The date by which operating and maintenance manuals are required is

The date by which "as built" drawings are required is [date].	
The amount to be withheld for failing to produce "as built" dr	
	and/or operating and maintenance manuals by the date required is
	[amount in local currency].

## Section VI. Specifications

#### **Notes on Specifications**

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

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

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

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

#### Sample Clause: Equivalency of Standards and Codes

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

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

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

#### **GENERAL SPECIFICATIONS**

#### I. INTRODUCTION

The works to be accomplished by the successful bidders shall consist of furnishing, supervision of labor, materials, supplies, tools and equipment to complete the Scope of Works for the Project: *Rehabilitation of Cyclone Perimeter Fence at Laoag International Airport.* The details of work are best enumerated below, however, it is understood that the contract includes all works and services though not specifically mentioned herein, but are needed to fully complete the project shall be undertaken by the Contractor.

All Scope of Works must be according to plans and specifications. The Quality and types of materials must conform to the specifications and must be approved first by the Engineer In-Charge assigned by CAAP-LIA.

#### II. STATEMENT OF WORK

#### A. Scope of Work

- i. The Scope of Work includes the furnishing of all necessary labor, equipment, tools, materials, supplies, supervision and expertise necessary to perform the following.
  - 1. Site Works The work covers the removal of dilapidated cyclone perimeter fence, barbed wires, framings and also excavation, backfill and gravel bedding for the preparation of Concrete works as shown on the approved plans and in accordance with specifications and in conformity with the lines, grades and dimensions. (see attached plans and drawings)
  - 2. Concrete Works The work covers the placement of rebars, forms and concrete pouring for the concrete columns. In addition, the work also includes the material, labor, and equipment for the laying of 150mm thick Concrete hollow blocks including cut, bend and installation of reinforce steel bars, formworks and scaffoldings. Furthermore, plastering the CHB perimeter fence both sides with groove finish.
  - 3. Steel Works The work includes materials, labor, equipment's to complete the replacement of dilapidated Cyclone perimeter fence, framings, and 6 strands of barbed wires. In additional the items barbed wire, Cyclone wires, G.I. Pipes and framings shall be painted with epoxy primer before the final coat is applied.

All scope of works must be in accordance with the approved plans and specifications. Quality and types of materials must conform to specifications and must be approved by the project in-charge of the CAAP prior to installation.

#### B. Work Schedule

The Contractor shall perform the Work with rules and policies of the airport.

The Contractor shall provide the necessary manpower, tools, equipment, materials and supplies to insure timely accomplishment and delivery. Depending on the work, the contractor can flexibly up-size or down size its manpower, equipment, materials, etc. with the ultimate objective of delivering satisfactory on time result and performance.

#### 1. Working Time

• Work is done regularly at daytime. The working time is eight (8) hours a day, six days a week including holiday.

#### 2. Work Method

- Work methodology will be formulated by the contractor and CAAP-LIA authorities prior to implementation of the contract.
- Debris and other waste materials should be controlled or deposed to a designated area as indicated by the Agency.

#### C. Man Power Schedule

The Minimum manpower required during contract implementation shall be:

Civil	Engineer/Safety	2years	supe	ervisory
Officer		experience	with	safety
		training certi	ificate	
Welder				
Mason				
Laborer				

The contractor shall provide the necessary manpower to properly accomplish all necessary related works. The contractor shall designate a competent representative who shall be available at the area to oversee working operation being carried out and to receive instructions from the Airport officials. The contractor's authorized representative shall be responsible for the overall

management and coordination of work to be performed as contract provisions and shall act as central point with the government agency. The contractor's authorized representative shall have full authority to act thereat in behalf of the contractor's name while in the premises.

#### i. Identification

1. The Contractor's personnel shall be recognizable while in airport premises. This will be accomplished by the used of uniforms and printed with the company's name of the contractor. All expenses for uniforms and badges shall be borne by the contractor. All contractor's personnel shall always be in uniform.

#### D. Equipment, Tools and Consumables required to be used for the project

The Contractor shall provide the required number of equipment, tools and consumables to accomplish all necessary works provided in the contract. The contractor's equipment provided therein shall be used exclusively for the contracted services.

The use of other kind of equipment other than that stated thereof will not be permitted, unless otherwise approved by the authority. Any delay caused, by stoppage of work being authorized by the office concerned will not be taken against the contractor.

#### E. Service Vehicle

The Contractor shall make available, during the performance of the contract, at least one (1) service vehicle with good condition, for use by the airport authority's representative/engineers for the purpose of inspection, monitoring, measuring, laboratory testing and other activities relative to the implementation of the project.

#### F. Handheld radios (Work Location: Air side)

The contractor shall provide at least 2 units handheld radio for proper coordination between their supervisor and the Laoag Control Tower.

#### G. Period of Implementation

The contract shall be implemented after three (3) working days upon receipt of the Notice to Proceed (NTP). The contract duration is Seventy Calendar Days (70days).

#### H. Guidelines

The contractor shall always establish a complete quality control program to adhere with the following requirements while carrying out his function and responsibilities during the implementation of the contract.

#### i. Quality Assurance and Corresponding Penalties

The Contractor shall establish a system of quality control program to assure that the requirements of the contract are provided as specified. One copy of the contractor's quality control program shall be submitted to the Authority prior to start of the contracted services. An updated copy must be provided as changes occur. The program shall include but not limited to the following.

- An inspection system, covering all the services to be performed under the contract. This must specify areas to be inspected on either a scheduled or unscheduled basis or such personnel who will perform the inspection.
- A method for identifying deficiencies in the quality of services rendered, before the level of performance becomes unacceptable.
- Contractor shall provide the following uniform to all its employees:
  - A shirt with a contractor's logo/name with pants of any color or any equivalent uniform acceptable to CAAP-LIA
  - A penalty amounting to Fifty Pesos (P 50.00) per day per person shall be imposed on personnel who are not in prescribed uniform while on duty.

#### ii. Safety and Security Measures

The Contractor shall adhere to all standards and recommended practices stipulated by the airport authority and shall, under no circumstances, violate standard rules and regulations.

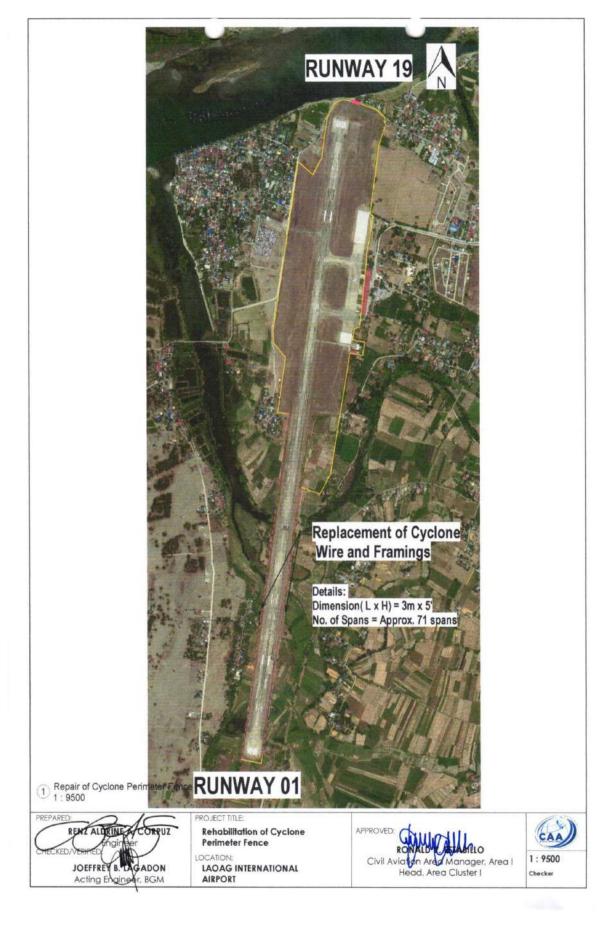
- The Contractor and his employees shall always comply with the security and safety requirements imposed by the management while in the airport premises.
- The Contractor is hereby instructed that aircraft operations and movements and the safety thereof, shall always take precedence over any operation.

In case of within the restricted area, a presence of authorized handheld radio operator is assigned and shall obtain clearance from the Control Tower from time to time for thorough safely.

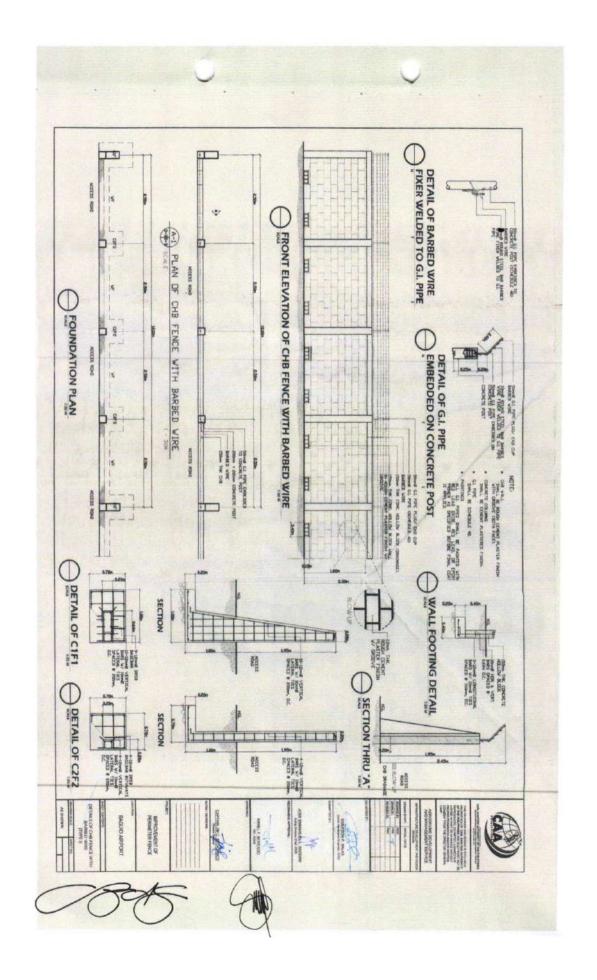
 The Contractor shall, always keep paved surfaces such as runways, taxiways and hard stands free from hazardous materials.

## Section VII. Drawings









#### **DETAILED ESTIMATE**

AGENCY : Department of Transportation

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PROJECT: REHABILITATIN OF CYCLONE PERIMETER FENCE

LOCATION : LAOAG INTERNATIONAL AIRPORT
SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

#### SITE WORKS

QAUNTITY: 1.00 LOT

#### A. DIRECT COST

	MATERIALS	QUA	NTITY	UNIT COST	AMOUNT
1	Welding Rod	1	box	/box	
2	4" Cutting Disc	15 pc.	/pc.		
			MATER	IAL COST	

	EQUIPMENT	QUANTITY		UNIT COST	AMOUNT
1	Welding Machine	30	day	/day	
2	Portable Generator	30	day	/day	
3	Aluminom Ladder	30	day	/day	
4	Angle Grinder	30	day	/day	
5	Mini Dump Truck	30	day	/day	
6	Minor tools ( 10% of Labor Cost)	tools ( 10% of Labor Cost) 1 lot	lot	/lot	
			EQUIPM	ENT COST	

1.	LABOR		NO. OF DAYS		UNIT COST	AMOUNT	
	1	1	Foreman	30	day	/day	
	2	2	Skilled Laborer	30	day	/day	
Г	3	2	Common Laborer	30	day	/day	
-					LABOR	R COST	

#### TOTAL DIRECT COST

#### B. INDIRECT COST

OCM( Overhead, Contingencies, Miscellaneous)	
2. CONTRACTORS PROFIT	
	TOTAL MARK-UP

3. Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost) 5%

#### TOTAL INDIRECT COST

#### C. TOTAL COST

1. DIRECT COST + INDIRECT COST

#### TOTAL UNIT COST

AGENCY

: Department of Transportation

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES : REHABILITATION OF CYCLONE PERIMETER FENCE

**PROJECT** LOCATION

: LAOAG INTERNATIONAL AIRPORT

SUBJECT

: BILL OF QUANTITY/DETAILED ESTIMATE

#### CONCRETE WORKS II.

QAUNTITY:

1.00 lot

### A. DIRECT COST

	MATERIALS	QUA	NTITY	UNIT COST	AMOUNT
1	Portland Cement	575	bag	/bag	
2	Fine Aggregates	44	cu. Mtr.	/cu. Mtr.	
3	Course Aggregates	31	cu. Mtr.	/cu. Mtr.	
4	12mm Dia. x 6.00m DRSB	258	pc.	/pc.	
5	10mm dia. x 6.00m DRSB	281	pc.	/pc.	
6	#16 G.I. Tie Wire	40	kg	/kg	
7	Ordinary Plywood (1/4" x 4' x 8')	45	pc.	/pc.	
8	2" x 2" Coco Lumber	1335	bd. Ft.	/bd. Ft.	
9	Assortd CWN	25	kg.	/kg.	
10	150mm CHB	3751	pc.	/pc.	
			MATERIA	AL COST	

2.	EQUIPMENT	QUANTITY		UNIT COST	AMOUNT
1	1 unit One-Bagger Mixer	35	day	/day	
2	Concrete Vibrator	15	day	/day	
			FOUIDM	ENT COST	

3.	LABOR		NO. O	F DAYS	UNIT COST	AMOUNT	
	1	1	Foreman	35	day	/day	
1	2	4	Skilled Laborer	35	day	/day	
İ	3	5	Common Laborer	35	day	/day	
-					LABOR COST		

### TOTAL DIRECT COST

### B. INDIRECT COST

OCM( Overhead, Contingencies, Miscellaneous)		
2. CONTRACTORS PROFIT		
	TOTAL MARK-UP	

3. Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)

### TOTAL INDIRECT COST

### C. TOTAL COST

1. DIRECT COST + INDIRECT COST

### TOTAL UNIT COST

AGENCY : Department of Transportation

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES PROJECT : REHABILITATION OF CYCLONE PERIMETER FENCE

LOCATION : LAOAG INTERNATIONAL AIRPORT SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

#### STEEL WORKS III.

QAUNTITY: 1.00 lot

### A. DIRECT COST

	MATERIALS	QUANTITY		UNIT COST	AMOUNT
1	Barbed Wire 2.7mm thick x 145m	250	roll	/roll	
2	8mm round Steel Bar	167	pc.	/pc.	
3	2" dia. G.I. Pipe, Sch-40	8	pc.	/pc.	
4	2" dia. G.I. End Cap	44	pc.	/pc.	
5	10mm dia. RSB	107	pc.	/pc.	
6	1 1/4" Dia. G.I. Pipe, Sch-40	15	pc.	/pc.	
7	Cut-Off Machine Blade	5	pc.	/pc.	
8	Welding Rod (20kg/box)	5	box	/box	
9	2" x 2" x 5' x 10m Cyclone Wire( 2.7mm thck)	25	roll	/roll	
10	Quick Dry Enamel (color optional)	58	gal.	/gal.	
	Epoxy Primer	29	gal.	/gal.	
12	Paint thinner	29	lit.	/lit.	
13	2" Paint Brush	5	pc.	/pc.	
14	1/4" x 1" x 1" x 20' Angle Bar	30	pc.	/pc.	
	designation to the Markov the State of the S		MATERI	AL COST	

	EQUIPMENT	QUANTITY		UNIT COST	AMOUNT
1	Cut-Off Machine	30	day	/day	
2	2 units - Welding Machine	50	day	/day	
3	2 units-Portable Generator	50	day	/day	
4	A-Frame Ladder	50	day	/day	
5	Scaffolding - 4sets	50	day	/day	
	Popular State Control of the Control		EQUIPME	ENT COST	

	LABOR		NO. O	FDAYS	UNIT COST	AMOUNT
1	1	Foreman	50	day	/day	
2	5	Skilled Laborer	50	day	/day	
3	8	Common Laborer	50	day	/day	
			LABOR COST			

### TOTAL DIRECT COST

### B. INDIRECT COST

OCM( Overhead, Contingencies, Miscellaneous)	
. CONTRACTORS PROFIT	
	TOTAL MARK-UP

3. Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)

### TOTAL INDIRECT COST

### C. TOTAL COST

1. DIRECT COST + INDIRECT COST	
	TOTAL UNIT COST

AGENCY : Department of Transportation

/ CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
PROJECT: REHABILITATION OF CYCLONE PERIMETER FENCE

LOCATION : LAOAG INTERNATIONAL AIRPORT SUBJECT : BILL OF QUANTITY/DETAILED ESTIMATE

### IV. OTHER GENERAL REQUIREMENTS

QAUNTITY: 1.00 LOT

### A. DIRECT COST

	MATERIALS	QUANTITY	UNIT COST	AMOUNT
-				
		MATERI	AL COST	

2.	EQUIPMENT	QUA	QUANTITY		AMOUNT
1	Reflectorized Vest	15	pc.	/pc.	
2	Safety Gloves	15	pc.	/pc.	
3	Beacon Light	1	set	/set	
4	Safety Shoes	15	set	/set	
5	Handheld Radio	2	unit	/unit	
1			EQUIPME	ENT COST	

3.	LABOR		NO. OF DAYS		<b>UNIT COST</b>	AMOUNT
1	1	Safety Officer	30	day	day	
2						
3						
				LABOR	COST	

### TOTAL DIRECT COST

### B. INDIRECT COST

1. OCM( Overhead, Contingencies, Miscellaneous)	X	X	X
2. CONTRACTORS PROFIT			
		TOTAL MARK-UP	

Value Added Tax, VAT (OCM + Contractor's Profit + Direct Cost)
 5%

### TOTAL INDIRECT COST

### C. TOTAL COST

1. DIRECT COST + INDIRECT COST

### TOTAL UNIT COST

## Section VIII. Bill of Quantities

### **Notes on the Bill of Quantities**

### **Objectives**

The objectives of the Bill of Quantities are:

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

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

### **Daywork Schedule**

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

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

### **Provisional Sums**

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

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

### **Signature Box**

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

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

### (Attach Company Letterhead/Logo)

### BILL OF QUANTITIES

# **PROJECT** REHABILITATION OF CYCLONE PERIMETER FENCE **LOCATION** LAOAG INTERNATIONAL AIRPORT

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
I.	SITE WORKS	1	lot		
	Amount in Words				
II.	CONCRETE WORKS	1	lot		
	Amount in Words				
III.	STEEL WORKS	1	lot		
	Amount in Words				
IV.	OTHER GENERAL REQUIREMENTS	1	lot		
	Amount in Words				
IV.	_	1	lot		

### 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]

# Section IX. Checklist of Technical and Financial Documents

### **Notes on the Checklist of Technical and Financial Documents**

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

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

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

### **Checklist of Technical and Financial Documents**

### I. TECHNICAL COMPONENT ENVELOPE

### Class "A" Documents

Legal Do	cuments
(a)	Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
	<u>Or</u>
(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 Mayor's on Dysinoss name it issued by the sity on navnicinality where the
(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).
<u>Technica</u>	<u>l Documents</u>
(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; <b>and</b>
(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;
(II)	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;
	<u>or</u>
40	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);

<u>and</u> 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.

<u>Financia</u>	<u>l Documents</u>
	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
	The prospective bidder's computation of Net Financial Contracting Capacity
(III)	(NFCC).
	(N CC).
	Class "B" Documents
$\prod$ (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;
	<u>or</u>
	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.
FINANC	IAL COMPONENT ENVELOPE
(o)	Original of duly signed and accomplished Financial Bid Form; and
	g,
Other do	cumentary 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 shee
(q)	indicating the unit prices of construction materials, labor rates, and equipment
	rentals used in coming up with the Bid; <u>and</u>
(r)	Cash Flow by Quarter

II.

