

# CIVIL AVIATION AUTHORITY OF THE PHILIPPINES ILOILO INTERNATIONAL AIRPORT

## PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

# REPAIR AND MAINTENANCE OF SEWAGE TREATMENT PLANT AT ILOILO INTERNATIONAL AIRPORT

Government of the Republic of the Philippines

Sixth Edition APRIL 12, 2022

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# Glossary of Acronyms, Terms, and Abbreviations

**ABC** – Approved Budget for the Contract.

**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.

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])

**CDA** - Cooperative Development Authority.

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.

**CIF** – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

**DDP** – Refers to the quoted price of the Goods, which means "delivered duty paid."

**DTI** – Department of Trade and Industry.

 $\mathbf{EXW} - \mathbf{Ex}$  works.

**FCA** – "Free Carrier" shipping point.

**FOB** – "Free on Board" shipping point.

**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]).

**Framework Agreement** – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as "Call-Offs," are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

**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.

**GPPB** – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

**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.

**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.

**Supplier** – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

**UN** – United Nations.

Section I. Invitation to Bid

# CIVIL AVIATION AUTHORITY OF THE PHILIPPINES ILOILO INTERNATIONAL AIRPORT

# INVITATION TO BID FOR REPAIR AND MAINTENANCE OF SEWAGE TREATMENT PLANT AT ILOILO INTERNATIONAL AIRPORT

- 1. The Civil Aviation Authority of the Philippines Iloilo International Airport, through the CAAP Corporate Operating Budget FY 2021 intends to apply the sum of One Hundred Ninety Four Thousand One Hundred Fifty One Pesos & 02/100 (P 194,151.02) being the ABC to payments under the contract for CILO 2022-003 Repair and Maintenance of Sewage Treatment Plant at Iloilo International Airport Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The *Civil Aviation Authority of the Philippines Iloilo International Airport* now invites bids for the above Procurement Project. Delivery of the Goods is required by *Ninety (90) Calendar day/s*. Bidders should have completed, within *5 years* from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
- 3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
  - Bidding is open to all interested bidders, whether local or foreign, subject to the conditions for eligibility provided in the 2016 revised IRR of RA No. 9184.
- 4. Prospective Bidders may obtain further information from *Civil Aviation Authority of the Philippines Iloilo International Airport* and inspect the Bidding Documents at the address given below during office hours from *8:00 AM to 5:00 PM, Monday to Friday*.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders on April 12, 2022 from 8:00 am to 5:00 pm until April 20, 2022 @ 9:00 AM from the given address and upon payment of the applicable fee for the Bidding Documents and the Letter of Intent, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Hundred Sixty Pesos (P560.00). The Procuring Entity shall allow the bidder to present its proof of payment for the fees submission of machine copy or thru electronic means.
- 6. The Civil Aviation Authority of the Philippines Iloilo International Airport will not hold a Pre-Bid Conference for the project Repair and Maintenance of Sewage Treatment Plant at Iloilo International Airport.

- 7. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, on or before *April* 20, 2022 @ 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 14.
- 9. Bid opening shall be on *April 20, 2022 @ 9:00 AM* at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- 10. The *Civil Aviation Authority of the Philippines Iloilo 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 IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

#### FRANCES SHANELLE G. SALINAS

BAC Chairperson Civil Aviation Authority of the Philippines Iloilo International Airport Cabatuan, Iloilo caapiloilobac@ymail.com (033)-3211950; (033)-3299500 loc. 3266

April 12, 2022

(SGD.) FRANCES SHANELLE G. SALINAS

BAC Chairperson
Civil Aviation Authority of the Philippines
Iloilo International Airport

Section II. Instructions to Bidders

#### 1. Scope of Bid

The Procuring Entity, Civil Aviation Authority of the Philippines Iloilo International Airport wishes to receive Bids for the Repair and Maintenance of Sewage Treatment Plant at Iloilo International Airport with identification number CILO 2022-003.

The Procurement Project (referred to herein as "Project") is composed of *one* (1) lot, the details of which are described in Section VII (Technical Specifications).

#### 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for FY 2021 in the amount of One Hundred Ninety Four Thousand One Hundred Fifty One Pesos & 02/100 (P 194,151.02).
- 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 Manuals 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 **IB** 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 verified and accepted the general requirements of this Project, including 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, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. 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. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to, whichever is applicable:
  - a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
  - b. For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

#### 6. Origin of 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, subject to Domestic Preference requirements under **ITB** Clause 18.

#### 7. Subcontracts

7.1. The Procuring Entity has prescribed that Subcontracting is not allowed.

#### 8. Pre-Bid Conference

The Procuring Entity will not hold a pre-bid conference for this Project *Repair and Maintenance of Sewage Treatment Plant at Iloilo International Airport* 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 VIII** (Checklist of Technical and Financial **Documents**).

- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *five* (5) *years* prior to the deadline for the submission and receipt of bids.
- 10.3. 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. Similar to the required authentication above, 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.

#### 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 VIII** (Checklist of Technical and Financial Documents).
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. 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. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
  - a. For Goods offered from within the Procuring Entity's country:
    - i. The price of the Goods quoted EXW (ex-works, ex-factory, exwarehouse, ex-showroom, or off-the-shelf, as applicable);
    - ii. The cost of all customs duties and sales and other taxes already paid or payable;
    - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
    - iv. The price of other (incidental) services, if any, listed in e.
  - b. For Goods offered from abroad:

- i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
- ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications).**

#### 13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the 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.
- 13.2. Payment of the contract price shall be made in Philippine Pesos.

#### 14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration<sup>1</sup> 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**.
- 14.2. The Bid and bid security shall be valid *ONE HUNDRED TWENTY (120)*Calendar days after opening of bids. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

#### 15. 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 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.

#### 16. Deadline for Submission of Bids

16.1. 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**.

#### 17. Opening and Preliminary Examination of Bids

17.1. 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.

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

#### 18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

#### 19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring 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 the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII** (**Technical Specifications**), although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows one Project having several items that shall be awarded as one contract.
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA

No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

#### 20. Post-Qualification

20.1. 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

21.1. 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				1		
Claus						
e						
5.3	For this purpose, contracts similar to the Project shall be completed within <i>5 years</i> prior to the deadline for the submission and receipt of bids.					
7.1	Sub-contracting	g is not allowed.				
12	Philippines Iloi	he Goods shall be quoted DDP of the International Airport or the apple (ERMS) for this Project.				
14.1	following forms	ount of not less than <u>3,883.02</u> [(29 shier's/manager's check, bank draft	%) of ABC], if bid s	ecurity is in		
	b. The ame Surety I	ount of not less than <u><b>9,707.55</b></u> [(5)] Bond.	%) of ABC] if bid s	ecurity is in		
19.3	Unit of Issue	Item Description	Quantity			
	pcs	Rubber Coupling of Tornado Aerator (Size-6 h)	2			
	pcs	Pressure Gauge 0-30psi, ¼ NPT (Japan or US made)	4			
	Pail	Gear oil ISO VG 220 / Mobilgear 600 XP 220	1			
	Pcs	V/Belt A34 (Japan Made)	6			
	Packs	Silicone Grease 500g/pack	6			
	sets Tapered Roller Bearing Size: 1380 with Cup # 1329					
	lot	Overall Assessment of STP based on DAO 2016 Compliances with Technical Orientation on the STP Process flow, operation monitoring and maintenance based on the standard stated in DAO 2016.	1			
		Scope of Work:				
		Repair and Maintenance				
		1.1 Replace the defective pressure gauge of blower 1 and 2  1.2 Replace the rubber coupling and				
		bearing of aerator				

TT		1
	1.3 Replace belt of Blower	
	1.4 Replace oil of sludge collector	
	gear box	
	1.5 Greasing of equipment	
	2. Overall Assessment of STP	
	Operation and Technical	
	Orientation for STP Operation and	
	Maintenance	
	2.1 Overall WWTP systems audit	
	including all equipments and overall	
	operation	
	a. Conduct In-house analysis	+
	of wastewater in all treatment system.	
	Actual STP parameters like ph, color	
	turbidity, Sludge Volume Index	
	(SVI), Ammonia nitrogen, Nitrate and	
	Phosphate and chlorine residual.	
	1 1 1 2	
	b. Assess and monitor	
	the operation and condition of STP	
	c. Preparation and	
	submission of Assessment trough	
	service reports with:	
	- necessary recommendations and	
	action plan based on the assessment	
	gathered during the visit	
	d. consultancy in the	
	operation and maintenance of the STP	
	2.2 STP Technical Orientation and	
	Discussion with 3 days Actual Hands	
	On-Training with the following	
	topics:	 
	a. Introduction: What is	
	Pollution?	
	h DEND Efferent Com 1 1	
	b. DENR Effluent Standard and Classifications	
	and Classifications	
	c. STP Definition of Terms	
	d. STP Process Flow	
	1. Primary Treatment	
	2 P: 1 : 17	
	2. Biological Treatment	
	3. Post Treatment -	
	Disinfection System	
	2 Emiceton System	

		4. Aerobic Sludge Digestion Process	
		e. Process and Operations Monitoring	
		f. Automation of Controls & Systems	
		g. Functions of Aerators	
		h. Filling of STP Log sheet	
		i. Functions of PCO and submission of SMR and Renewal of Discharge Permit	
		j. Operation and Maintenance of Equipments	
		2.3 Actual Hands-On Training - Daily monitoring to do following:	
		a. Conduct Sludge Settle ability Test	
		b. Conduct Sludge Volume (SV5,SV30.SV60)	
		c. Test PH of Wastewater	
		Total	194,151.02
20.2	Not Available	Iviai	174,131.02
20.2	Noi Avaiiable		
21.2	Not Available		

Section IV.	General (	Condition	s of Contr	racı

#### 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.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC).** 

#### 2. Advance Payment and Terms of Payment

- 2.1. No advance payment on mobilization fees shall be extended or paid to any project as per DOTr Memorandum dated 10 July 2018 and Area CAAP Memorandum dated July 23, 2018.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the SCC.

#### 3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to 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 of RA No. 9184.

#### 4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the SCC, Section IV (Technical Specifications) shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

#### 5. Warranty

- 6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

#### 6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

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

Section	V.	<b>Special</b>	<b>Conditions</b>	0	f Contract
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**Special Conditions of Contract** 

000	Special Conditions of Contract
GCC	
Clause	
1	Delivery and Documents –
	For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:
	[For Goods supplied from abroad, state:] "The delivery terms applicable to the Contract are DDP delivered Civil Aviation Authority of the Philippines Iloilo International Airport. In accordance with INCOTERMS."
	[For Goods supplied from within the Philippines, state:] "The delivery terms applicable to this Contract are delivered Civil Aviation Authority of the Philippines Iloilo International Airport. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination."
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).
	For purposes of this Clause the Procuring Entity's Representative at the Project Site is:
	Manuela Luisa F. Palma Airport Manager I Iloilo International Airport
	Spare Parts –
	The spare parts and other components required are listed in <b>Section VI</b> ( <b>Schedule of Requirements</b> ) and the cost thereof is included in the contract price.
	The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of <i>three</i> (3) <i>times</i> .
1	1

Spare parts or components shall be supplied as promptly as possible, but in any case, within *one* (1) *months* of placing the order.

#### Packaging -

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity
Name of the Supplier
Contract Description
Final Destination
Gross weight
Any special lifting instructions
Any special handling instructions
Any relevant HAZCHEM classifications

A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.

#### Transportation -

Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure. The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination. **Intellectual Property Rights –** The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof. 2.1 No mobilization fees or advance payments shall be extended or paid to any project as per DOTr Memorandum dated 10 July 2018 and Area CAAP Memorandum dated July 23, 2018 2.2 Partial payment shall be allowed as per CAAP Memorandum Circular No.: 11-2021 4 The inspections and tests that will be conducted are: Inspection Test to be conducted by CAAP Personnel Inspectors.

# Section VI. Schedule of Requirements

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

Item Number	Description	Quantity	Total	Delivered, Weeks/Months	Brand

Section VII. Technical Specifications

# **Technical Specifications**

Item	Specification	Statement of Compliance
		[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]

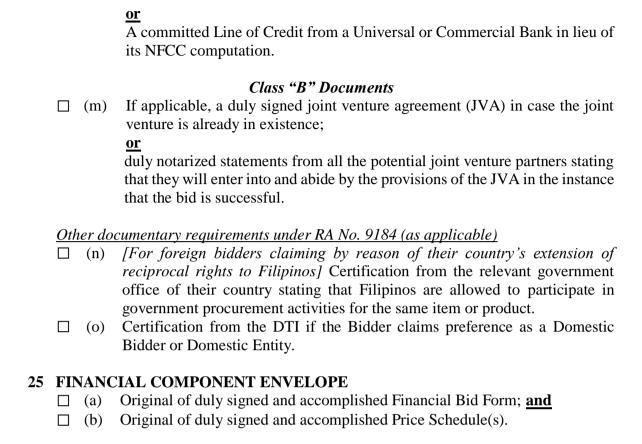
# Section VIII. Checklist of Technical and Financial Documents

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

#### I. TECHNICAL COMPONENT ENVELOPE

#### Class "A" Documents

Leg	gal Do	<u>cuments</u>
	(a)	Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
	(b)	Or 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,
	(c)	And Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;  And
	(d)	Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).
Tec	chnica	l 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 for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; and
	(h)	Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;  or  Original copy of Notarized Bid Securing Declaration; and
	(i)	Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or aftersales/parts, if applicable; <b>and</b>
	(j)	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.
Fin	ancia	l Documents
	(k)	The Supplier's audited financial statements, showing, among others, the Supplier'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; <b>and</b>
	(1)	The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);



Note: The Technical Specification Envelope and the Financial Envelope shall be placed inside a sealed expanded envelope, duly marked, sealed and signed.

#### STATEMENT OF ALL ONGOING CONTRACTS

(Including contracts awarded but not yet started, if any)

NAME OF	NAME OF CONTRACT	DATE AND STATUS OF	KINDS OF	AMOUNT OF	VALUE OF OUTSATNDING	DATE OF DELIVERY
CLIENT		THE	GOODS	CONTRACT	CONTRACTS	
		CONTRACT				

Na	ame & Signature of Authorized Representative
	Position Title
	Tosition Title
-	Date

#### **Instructions:**

- 1. State of all on-going contracts including those awarded but not yet started which may be similar to the project called for biddings as of the day before the deadline of submission of bids.
- 2. If there is NO on-going contract awarded but not yet started as of the abovementioned period, state NONE of NOT APPLICABLE.
- 3. The total amount of the on-going but not yet started contracts should be consistent with those used in the Financial Contracting Capacity (NFCC)

#### STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT

(within five (5) years from the date of submission and receipt of bids)

NAME OF CLIEN T	NAME OF CONTRAC T	DATE OF THE CONTRAC T	KINDS OF GOOD S	VALUE OF CONTRACT S	DATE OF COMPLETIO N	OFFICIAL RECEIPT NO. & DATE OF OR AND END USER'S ACCEPTANC E DATE

		CODE	
CHR	ΓIFIED	CURK	, H( "I •
		COR	LLC I.

Name	& Signature of Authorized Representative
	Position Title
	Date

#### **Instructions:**

- 1. Name of Contract column indicates the Nature/Scope of the Contract for the CAAP Iloilo International Airport to determine the relevance of the entry with the Procurement at hand.
- 2. Any of the following documents MUST BE SUBMITTED corresponding to the listed contracts per submitted Annex II:
  - a. Copy of End-User's Acceptance;
  - b. Official Receipts; or
  - c. Sales Invoice

#### SCHEDULE OF REQUIREMENTS

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

DESCRIPTION	QUANTITY	DELIVERY SCHEDULE
Repair and Maintenance of Sewage Treatment	One (1)	Completion Schedule
Plant at Iloilo International Airport	Lot	Ninety (90) Calendar
		day/s upon the effectivity
		of the Notice to Proceed

I hereby certify to comply and deliver all the above requirements.				
Name of Company	Signature over Printed Name of Representative	Date		

#### TECHNICAL SPECIFICATIONS

Tı		L SPECIFICATIONS		
Item	Specification	Statement of Compliance		
		[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]		

				supplier liable for pr the applicable laws an	
I here	eby certify	to comply with a	all the above Technical	Specifications.	
Name of Company		Company	Signature over Printed Name of Representative		Date

### **Omnibus Sworn Statement**

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

## **AFFIDAVIT**

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

#### 1. Select one, delete the other:

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

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

## 2. Select one, delete the other:

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

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

- 3. *[Name of Bidder]* is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

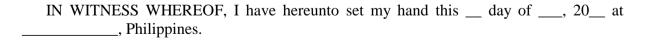
6	Select	one	doloto	the	rost
u.	Select	une.	ueieie	uue	iesi.

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

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

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

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



Bidder's Representative/Authorized Signatory

SUBSCRIBED AND SWORN to before me this \_\_\_\_ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by

me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no and his/her Community Tax Certificate No issued on at
Witness my hand and seal this day of [month] [year].
NAME OF NOTARY PUBLIC  Serial No. of Commission  Notary Public for until  Roll of Attorneys No  PTR No [date issued], [place issued]  IBP No [date issued], [place issued]
Doc. No Page No Book No Series of

## BID SECURING DECLARATION FORM

		IE PHILIPPINES)) S.S.
x		x
		ECLARATION [nsert Reference number]
To: [Insert n	ame and	d address of the Procuring Entity]
I/We <sup>2</sup> , the ur	ndersign	ed, declare that:
1.		understand that, according to your conditions, bids must be supported by Security, which may be in the form of a Bid-Securing Declaration.
2.	any co of you under within entity declar	accept that: (a) I/we will be automatically disqualified from bidding for ontract with any procuring entity for a period of two (2) years upon receipt ar Blacklisting order; and, (b) I/we will pay the applicable fine provided Section 6 of the Guidelines on the Use of Bid Securing Declaration, a fifteen (15) days from receipt of the written demand by the procuring for the commission of acts resulting to the enforcement of the bid securing ration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the of RA 9184; without prejudice to other legal action the government may take.
3.		nderstand that this Bid Securing Declaration shall cease to be valid on the ing circumstances:
	(a)	Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
	(b)	I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
	(c)	I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.
		S WHEREOF, I/We have hereunto set my/our hand/s this day of lace of execution]  [Insert NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE]  [Insert Signatory's Legal Capacity]  Affiant

<sup>&</sup>lt;sup>2</sup> Select one and delete the other. Adopt the same instruction for similar terms throughout the document.

<b>SUBSCRIBED AND SWORN</b> to before me this day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no and his/her Community Tax Certificate No issued on at
Witness my hand and seal this day of [month] [year].
NAME OF NOTARY PUBLIC  Serial No. of Commission  Notary Public for until  Roll of Attorneys No  PTR No [date issued], [place issued]  IBP No [date issued], [place issued]
Doc. No Page No Book No Series of

## **Bid Form**

	Invita	tion to Bi	Date:d <sup>3</sup> N°:	
To: [name and address of Pro	ocuring Entity)	7		
Gentlemen and/or Ladies:				
Having examined the lanumbers], the receipt of whice [supply/deliver/perform] [destangled Documents for the sum of [total be ascertained in accordance withis Bid.	th is hereby ducription of the tal Bid amount	uly ackno e Goods in words	<i>i</i> in conformity with the stand figures] or such other s	ned, offer to said Bidding sums as may
We undertake, if our Bid schedule specified in the Sche			he goods in accordance with	the delivery
If our Bid is accepted, amounts, and within the times		-	de a performance security g Documents.	in the form,
We agree to abide by thi ITB Clause Error! Reference be accepted at any time before	source not fo	<b>und.</b> and	<b>O</b> 1	•
Commissions or gratuitie and to contract execution if we			paid by us to agents relatinact, are listed below: <sup>4</sup>	g to this Bid,
Name and address of agent	Amount Currency	and	Purpose of Commission or gratuity	
(if none, state "None"	")			

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

<sup>&</sup>lt;sup>3</sup> If ADB, JICA and WB funded projects, use IFB.

<sup>&</sup>lt;sup>4</sup> Applicable only if the Funding Source is the ADB, JICA or WB.

We certify/confirm that we comply with the eligibility requirements as per **ITB** Clause **Error! Reference source not found.** of the Bidding Documents.

We likewise certify/confirm that the undersigned, [for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of <u>Name of Bidder</u>, has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the <u>Name of Project</u> of the <u>Name of the Procuring Entity</u>] [for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the <u>Name of Bidder</u>, to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for <u>Name of Project</u> of the <u>Name of the Procuring Entity</u>].

C	0	and every page of this Bid Form, including or the rejection of our bid.	ng the
Dated this	day of	20	
[signature]		[in the capacity of]	
Duly authorized to sign	Bid for and on behalf or	f	

## For Goods Offered From Abroad (Price Schedule)

Name of	Bidder n to Bid <sup>5</sup> Number									
	of			·						
1	2		3	4	5	6	7	8	9	10
Item	Description	Unit	Countr y of origin	Quantity	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)	Brand
		signature	1			[i.	n the capacity	of]		
Duly auth	norized to sign Bid for and	on behalf	of							

<sup>5</sup> If ADB, JICA and WB funded projects, use IFB.

# For Goods Offered From Within the Philippines (Price Schedule)

Name of Bidder	•		
Invitation to Bio	d <sup>6</sup> Number		
Page	of	•	

1	2		3	4	5	6	7	8	9	10	11
Item	Description	Unit	Country of origin	Quantity	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)	Brand
1	Rubber Coupling of Tornado Aerator (Size - 6h)	pcs		2							
2	Pressure Gauge 0-30psi, 1/4 NPT (Japan or US made)	pcs		4							
3	Gear Oil ISO VG 220 / Mobilgear 600XP 220	pail		1							
4	V-Belt A34 (Japan Made)	pcs		6							
5	Silicone Grease 500g/pack	packs		6							
6	Tapered Roller Bearing Size: 1380 with Cup # 1329	sets		3							
7	Overall Assessment of STP based on DAO 2016	lot		1							

<sup>&</sup>lt;sup>6</sup> If ADB, JICA and WB funded projects, use IFB.

	•			1	
Compliances with					
Technical Orientation on					
the STP Process flow,					
operation monitoring and					
maintenance based on the					
standard stated in DAO					
2016.					
Scope of Work:					
1. Repair and Maintenance					
1.1 Replace the defective					
pressure gauge of blower 1					
and 2					
1.2 Replace the rubber					
coupling and bearing of					
aerator					
1.3 Replace belt of Blower					
1.4 Replace oil of sludge					
collector gear box					
1.5 Greasing of equipment					
2.Overall Assessment of					
STP Operation and					
Technical Orientation					
for STP Operation and					
Maintenance					
2.1 Overall WWTP					
systems audit including all					
equipments and overall					
operation					

	 	1	•		7	7	,
a. Conduct In-house analysis of wastewater in all treatment system. Actual STP parameters like ph, color turbidity, Sludge Volume Index (SVI), Ammonia nitrogen, Nitrate and Phosphate and chlorine residual.							
b. Assess and monitor the operation and condition of STP							
c. Preparation and submission of Assessment trough service reports with necessary recommendations and action plan based on the assessment gathered during the visit							
d. consultancy in the operation and maintenance of the STP							
2.2 STP Technical Orientation and Discussion with 3 days Actual Hands							

On-Training with the following topics:					
a. Introduction: What is Pollution?					
b. DENR Effluent Standard and Classifications					
c. STP Definition of Terms					
d. STP Process Flow					
1. Primary Treatment					
2.Biological Treatment					
3. Post Treatment - Disinfection System					
4. Aerobic Sludge Digestion Process					
e. Process and Operations Monitoring					
f. Automation of Controls & Systems					
g. Functions of Aerators h. Filling of STP Log sheet					

i. Functions of PCO and submission of SMR and Renewal of Discharge Permit				
j. Operation and Maintenance of Equipments				
2.3 Actual Hands-On Training - Daily monitoring to do following:				
a. Conduct Sludge Settle ability Test				
b. Conduct Sludge Volume (SV5,SV30.SV60)				
c. Test PH of Wastewater				

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

