

PHILIPPINE BIDDING DOCUMENTS
(As Harmonized with Development Partners)

**Procurement of
INFRASTRUCTURE
PROJECTS**

Government of the Republic of the Philippines

RFQ No. SBAC22-02

***ONE LOT SUPPLYING LABOR AND MATERIALS FOR
THE IMPROVEMENT AND UPGRADING OF POTABLE
WATER SUPPLY AND REUSE OF WASTEWATER
under SECTION 53.1 (TWO FAILED BIDDINGS)***

PhP 13,800,000.00

**Sixth Edition
July 2020**

Section VIII. Bill of Quantities

Contract Reference Number: *RFO No. SBAC22-02*

Name of the Contract: *One Lot Supplying Labor and Materials for the Improvement and Upgrading of Potable Water Supply and Reuse of Wastewater under Section 53.1 (Two Failed Biddings)*

Location of the Contract: *West Visayas State University Medical Center*

Calendar Days: *150 calendar days*



Section VIII. Bill of Quantities



WEST VISAYAS STATE UNIVERSITY MEDICAL CENTER
 E. Lopez St., Jaro, Iloilo City
 "PhilHealth Accredited Health Care Provider"
 Tel No.: (033) 320 2431 | Fax No.: (033) 3202623 | Email Address: medcenter@wvsu.edu.ph



BILL OF QUANTITIES

1 LOT SUPPLYING LABOR AND MATERIALS FOR THE IMPROVEMENT AND UPGRADING OF POTABLE WATER SUPPLY AND REUSE OF WASTEWATER

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

ITEM No.	DESCRIPTION	QTY/UNIT	UNIT COST		TOTAL COST
			CEILING COST	IN WORDS IN FIGURES	
A. UNDERGROUND STORAGE, HORIZONTAL AND VERTICAL DISTRIBUTION OF WATER SUPPLY SYSTEM					
1.0 GENERAL REQUIREMENTS AND SITEWORKS					
	1.1 Enclosure Protection, Signboards, Warning Safety Signages	1.00 lot	105,000.00		
	1.2 Permits and Clearances	1.00 lot	36,750.00		
	1.3 Clearing, Removal and Disposal of Debris	1.00 lot	63,000.00		
	1.4 Structure Excavation, Dewatering, Gravel Bedding and Back Filling Works	1.00 lot	261,273.60		
2.0 REINFORCED CONCRETE WORKS					
	2.1 Reinforced Concrete Walls including Plastering and Waterproofing	31.59 cu.m.	599,240.88		
	2.2 Reinforced Concrete Top and Bottom Slab including Waterproofing	55.36 cu.m.	715,130.64		
3.0 STEEL METAL WORKS					
	3.1 Man Hole Cover and Stainless Ladder	1.00 lot	421,848.00		
4.0 PUMPS AND ACCESSORIES					
	4.1 Various Vertical and Drive Pumps	1.00 lot	1,549,647.54		
5.0 ELECTRICAL WORKS					
	Subtotal		3,800,000.00		
B. EXPANSION/UPGRADING OF WASTEWATER TREATMENT PLANT					
1.0	SUPPLY OF EQUIPMENT AND MATERIALS BASED ON THE DESIGN SPECIFICATIONS OF THE SYSTEM INCLUDING ALL REQUIRED ACCESSORIES AND POWER PANEL	1.00 lot	7,106,598.98		
2.0	SYSTEM INSTALLATION	1.00 lot	1,624,365.48		
3.0	TESTING AND COMMISSIONING OF THE DESIGN SYSTEM	1.00 lot	355,329.95		
4.0	DELIVERY OF EQUIPMENT/MATERIALS FROM POINT OF ORIGIN TO PROJECT SITE	1.00 lot	507,614.21		
5.0	SAFETY REQUIREMENTS DURING INSTALLATION, TESTING AND COMMISSIONING	1.00 lot	101,522.84		

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BILL OF QUANTITIES

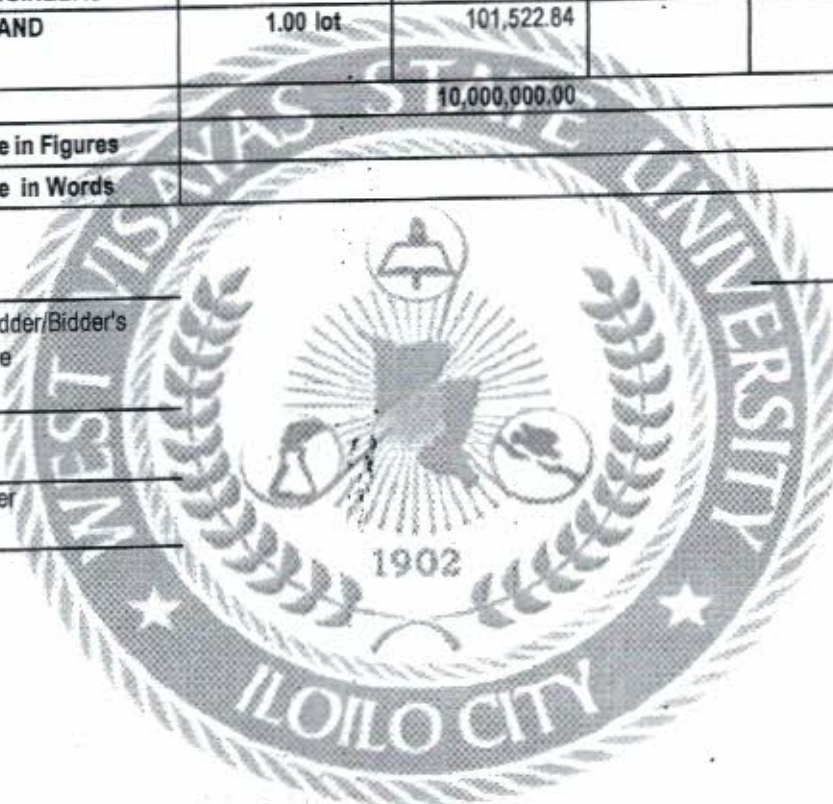
1 LOT SUPPLYING LABOR AND MATERIALS FOR THE IMPROVEMENT AND UPGRADING OF POTABLE WATER SUPPLY AND REUSE OF WASTEWATER

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

6.0	REQUIRED PERMITS AS APPLICABLE	1.00 lot	101,522.84			
7.0	TRAINING OF TECHNICIANS, OPERATORS AND ENGINEERS	1.00 lot	101,522.84			
8.0	EFFLUENT TESTING AND COMMISSIONING	1.00 lot	101,522.84			
Subtotal			10,000,000.00			
Total Bid Price in Figures						
Total Bid Price in Words						

Submitted by:

Name and Signature of Bidder/Bidder's Representative	Date
Position	
Name of Bidder	
Address	





SUMMARY OF ESTIMATES

1 LOT SUPPLYING LABOR AND MATERIALS FOR THE IMPROVEMENT AND UPGRADING OF POTABLE WATER SUPPLY AND REUSE OF WASTEWATER

Location: **WVSU Medical Center, E. Lopez St, Jaro, Iloilo City**

Note: This form must be completely filled-up and part of the Financial Proposal

ITEM No.	DESCRIPTION	MATERIAL COST	LABOR COST and EQUIPMENT COST	TOTAL DIRECT COST	TOTAL INDIRECT COST	TOTAL COST
A.	UNDERGROUND STORAGE, HORIZONTAL AND VERTICAL DISTRIBUTION OF WATER SUPPLY SYSTEM					
1.0	GENERAL REQUIREMENTS AND SITWORKS					
	1.1 Enclosure Protection, Signboards, Warning Safety Signages					
	1.2 Permits and Clearances					
	1.3 Clearing, Removal and Disposal of Debris					
	1.4 Structure Excavation, Dewatering, Gravel Bedding and Back Filling Works					
2.0	REINFORCED CONCRETE WORKS					
	2.1 Reinforced Concrete Walls including Plastering and Waterproofing					
	2.2 Reinforced Concrete Top and Bottom Slab including Waterproofing					
3.0	STEEL METAL WORKS					
	3.1 Man Hole Cover and Stainless Ladder					
4.0	PUMPS AND ACCESSORIES					
	4.1 Various Vertical and Drive Pumps					
5.0	ELECTRICAL WORKS					
B.	EXPANSION/UPGRADING OF WASTEWATER TREATMENT PLANT					
1.0	SUPPLY OF EQUIPMENT AND MATERIALS BASED ON THE DESIGN SPECIFICATIONS OF THE SYSTEM INCLUDING ALL REQUIRED ACCESSORIES AND POWER PANEL					
2.0	SYSTEM INSTALLATION					
3.0	TESTING AND COMMISSIONING OF THE DESIGN SYSTEM					
4.0	DELIVERY OF EQUIPMENT/MATERIALS FROM POINT OF ORIGIN TO PROJECT SITE					
5.0	SAFETY REQUIREMENTS DURING INSTALLATION, TESTING AND					
6.0	REQUIRED PERMITS AS APPLICABLE					



SUMMARY OF ESTIMATES

1 LOT SUPPLYING LABOR AND MATERIALS FOR THE IMPROVEMENT AND UPGRADING OF POTABLE WATER SUPPLY AND REUSE OF WASTEWATER

Location: **WVSU Medical Center, E. Lopez St, Jaro, Iloilo City**

7.0	TRAINING OF TECHNICIANS, OPERATORS AND ENGINEERS					
8.0	EFFLUENT TESTING AND COMMISSIONING					

Submitted by:

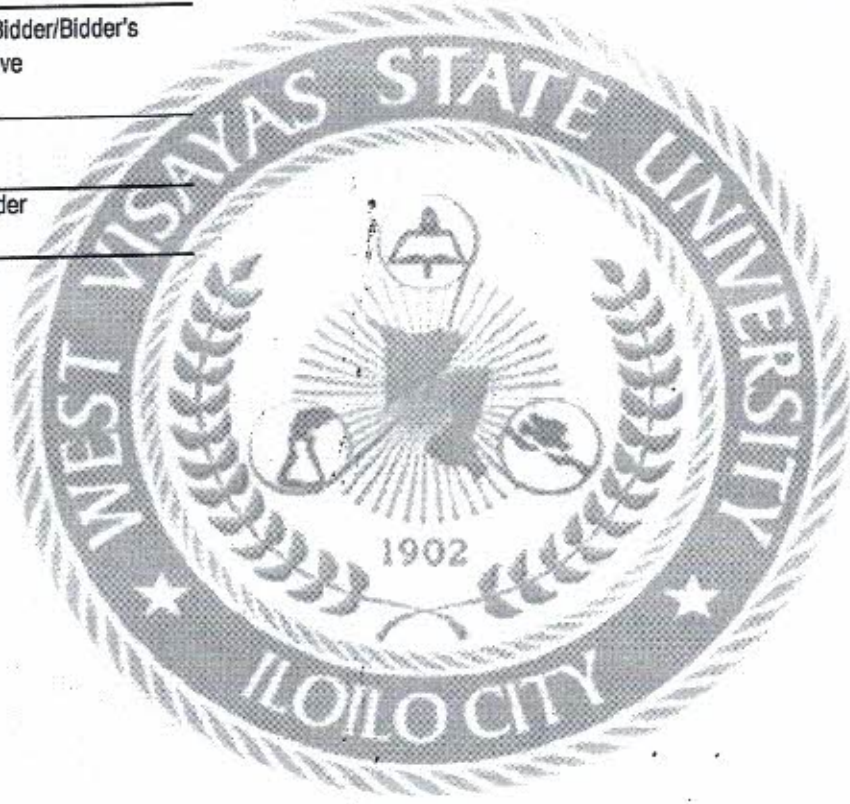
 Name and Signature of Bidder/Bidder's Representative

 Position

 Name of Bidder

 Address

 Date





Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City Note: Absence of these documents in the Financial Envelope shall disqualify the bidder FOR LABOR RATES & EQUIPMENT RENTAL (This should be completely filled-up and part of Financial Proposal)		
SCOPE OF WORK/MATERIALS	Unit Cost	REMARKS
A. UNDERGROUND STORAGE, HORIZONTAL AND VERTICAL DISTRIBUTION OF WATER SUPPLY SYSTEM		
1.1 Enclosure Protection, Signboards, Warning Safety		Unit Cost is in Lot
1.2 Permits and Clearances		Unit Cost is in Lot
1.3 Clearing, Removal and Disposal of Debris		Unit Cost is in Lot
1.4 Structure Excavation, Dewatering, Gravel Bedding and		Unit Cost is in Lot
2.1 Reinforced Concrete Walls including Plastering and Waterproofing		Unit Cost for Labor is in cubic meter or percentage of material cost
2.2 Reinforced Concrete Top and Bottom Slab including Waterproofing		Unit Cost for Labor is in cubic meter or percentage of material cost
3.1 Man Hole Cover and Stainless Ladder		Unit Cost for Labor is in percentage of material cost or per lot
4.1 Various Vertical and Drive Pumps	1902	Unit Cost for Labor is in lot
VERTICAL WORK		Unit Cost for Labor is in percentage of material cost or per lot
MANPOWER	MAN DAYS COST/DAY	REMARKS "COMPLY"
1 Project/Site Engineer		
2 Construction Safety Officer		
3 Materials Quality Control Officer		
4 Professional Mechanical Engineer		
5 Construction Foreman		
6 Carpenter		
7 Welder		
8 Mason		
9 Electrician		
10 Plumber		
11 Document Controller and Records Keeper		
12 Draftsman		
13 Steel Man		
EQUIPMENT	RENTAL RATE PER DAY OR PER HOUR	REMARKS "COMPLY"
1 Concrete Mixer (1 Bagger)		
2 Backhoe Crawler 0.75 cu.m.		
3 Dump Truck 8.00 cu.m.		



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Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City		
Note: Absence of these documents in the Financial Envelope shall disqualify the bidder		
FOR LABOR RATES & EQUIPMENT RENTAL		
(This should be completely filled-up and part of Financial Proposal)		
4 Centrifugal Pump		
5 Welding Machine		
6 Power Tools		

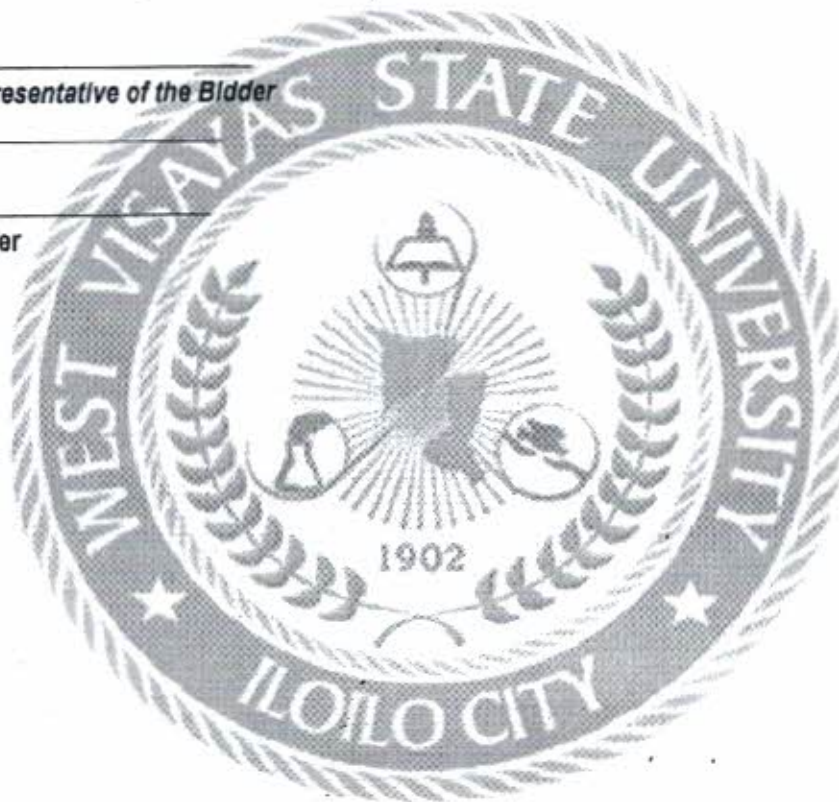
Note: Provide additional sheets if needed

Submitted by:

 Name of the Representative of the Bidder

 Position

 Name of the Bidder





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1 LOT SUPPLYING LABOR AND MATERIALS FOR THE IMPROVEMENT AND UPGRADING OF POTABLE WATER SUPPLY AND REUSE OF WASTEWATER

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

Note: Absence of these documents in the Financial Envelope shall disqualify the bidder

MATERIALS SUMMARY SHEETS

(This should be completely filled-up and part of Financial Proposal)

SCOPE OF WORK/MATERIALS	Unit Cost	SPECIFICATION/BRAND	REMARKS "COMPLY"
A. UNDERGROUND STORAGE, HORIZONTAL AND VERTICAL DISTRIBUTION OF WATER SUPPLY SYSTEM			
Coarse Aggregates Passing 1" Sieve			
Compacted Fill			
2.1 Reinforced Concrete Walls including Plastering and Materials			
40 kgs. Portland Cement Type II 150			
Fine Aggregates (passing 1/4" sieve)			
Coarsed AggregatesI (passing 1" sieve)			
12mm x 7.50m Deformed Bars (Grade 40)			
12mm x 6.00m Deformed Bars (Grade 40)			
Waterproofing Compound			
#16 G.I. Tie Wire			
6mmx1.2mx2.4m Marine Plywood (3 uses)			
2"x3"x10' Form Lumber			
Assorted Common Wire Nails			
2.2 Reinforced Concrete Top and Bottom Slab including Waterproofing			
40 kgs. Portland Cement Type II 150			
Fine Aggregates (passing 1/4" sieve)			
Coarse Aggregates (passing 1" sieve)			
12mm x 7.50m Deformed Bars (Grade 60)			
12mm x 6.00m Deformed Bars (Grade 60)			
12mm x 6.00m Deformed Bars (Grade 40)			
12mm x 6.00m Deformed Bars (Grade 40)			
Waterproofing Compound			
#16 G.I. Tie Wire			
6mmx1.2mx2.4m Marine Plywood (3 uses)			
2"x3"x10' Form Lumber			
Assorted Common Wire Nails			
3.1 Man Hole Cover and Stainless Ladder			
600mm Dia Manhole With Cover Brass 10 Tonner Capacity			
Stainless Steel Ladder 2" Pipe Frame with Bracket			
4.1 Various Vertical and Drive Pumps			



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1 LOT SUPPLYING LABOR AND MATERIALS FOR THE IMPROVEMENT AND UPGRADING OF POTABLE WATER SUPPLY AND REUSE OF WASTEWATER

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

Note: Absence of these documents in the Financial Envelope shall disqualify the bidder

MATERIALS SUMMARY SHEETS

(This should be completely filled-up and part of Financial Proposal)

SCOPE OF WORK/MATERIALS	Unit Cost	SPECIFICATION/BRAND	REMARKS "COMPLY"
VERTICAL MULTISTAGE PUMP Materials: Stainless steel casing and impeller, mechanical shaft seal Flow range: 23 ~ 79 GPM Head range: 185 ~ 87 meters TDH Suction & Discharge: 2" (50mm) X 2" (50mm) Motor Output: 7.5kW (10 HP), 3450 RPM, 230V, 3 phase TEFC motor. Insu class F; Specific design IE3/60Hz; 2 poles; 3615 rpm; IP65; Pump Materials-AISI 304 Impeller/Casing/Shaft			
Variable Frequency Drive pump controller with alternate operation capability			
Oil filled pressure gauge; Scales are in both bar and psi, Accuracy class is DIN 16 005; 10 bar Maximum Pressure Measurement; Pressure Gauge Type Bottom Entry; Satinless steel case; Connection size G1/4			
Pressure Transducer 0-10 bar; 4-20mA signal, 0-30VDC supply			
2"- Foot Valve, Brass Type	1902		
Gate Valve 2-inches, Brass			
Check Valve 2 -inches, Brass			
Gate valve 2-inches			
119-130 gal steel pressurize bladder tank			
Rubber expansion joint 2-inches			
2 Inches suction line strainer			
4-inches BI pipe Sch 40			
2-inches BI pipe Sch 40			
1 1/4-inches BI pipe Sch 40			
1 1/4-inches gate valve			
Flange, bolts, Fittings & Miscellaneous			
20mm Metal Conduit			
5.5 sq mm x 150m/box THHN Cu conductor			
5.5 sq mm x 150m/box THHN Cu conductor			
50 sq mm Cu Conductor 99.99% Virgin Materials			
Panel: Main 150AT, 3Phase, 240V, 60Hz, 18kAIC,6 branches w/ 30AT, 3 Phase, 240V, 60Hz, 10kAIC each			

Name of the Representative of the Bidder

Position

Name of the Bidder

Section VI. Specifications



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SCOPE OF WORK and DIGEST TECHNICAL SPECIFICATIONS

1 LOT SUPPLYING LABOR AND MATERIALS FOR THE IMPROVEMENT AND UPGRADING OF POTABLE WATER SUPPLY AND REUSE OF WASTEWATER

A. UNDERGROUND STORAGE, HORIZONTAL AND VERTICAL DISTRIBUTION OF WATER SUPPLY SYSTEM

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

ITEM No.	DESCRIPTION	QTY/UNIT	TECHNICAL SPECIFICATIONS	SCOPE OF WORK
1.0	GENERAL REQUIREMENTS AND SITEWORKS			
	1.1 Enclosure Protection, Signboards, Warning Safety Signages	1.00 lot	Provide Construction and Occupational Safety and Health Program Materials in all aspects of construction	Provision of protective fence or enclosure, PPEs for construction personnel, temporary office, safety signages, billboards
	1.2 Permits and Clearances	1.00 lot	The Contractor shall be responsible to process the necessary permits and licenses intended for the project in coordination with the authorized personnel of the Medical Center	Local permits and other related requirements
	1.3 Clearing, Removal and Disposal of Debris	1.00 lot	Secure approval of materials to be disposed prior to transport	All demolished materials and debris on site
	1.4 Structure Excavation, Dewatering, Gravel Bedding and Back Filling Works	1.00 lot	Ensure excavation of materials are properly removed, stored and disposed accordingly, provide correct staking of excavation layout; the use of heavy excavation equipment is preferred for faster excavation works	Refer to structural plan for correct depth of excavation
			Use appropriate dewatering pumps in case of high water table. Use appropriate compactor during filling of soil. The compacted fill is to be made with dry gravel soil material that can be easily compacted yet strong enough for foundation base	In case of high water table during excavation and gravel bedding. Refer to structural plan for the elevation of compacted back fill or as approved by the Engineer
2.0	REINFORCED CONCRETE WORKS			
	2.1 Reinforced Concrete Walls including Plastering and Waterproofing	31.59 cu.m.	A concrete permit must be secured, and structural members have to be inspected and approved by the Engineer prior to concrete pouring.	Refer to structural design and plan
	2.2 Reinforced Concrete Top and Bottom Slab including Waterproofing	55.36 cu.m.	The concrete mixture must be reached at 4000 psi after a curing period of 28 days, submit samples (7, 14 and 28 days) for each structural member	
3.0	STEEL METAL WORKS			

Section VI. Specifications



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SCOPE OF WORK and DIGEST TECHNICAL SPECIFICATIONS

1 LOT SUPPLYING LABOR AND MATERIALS FOR THE IMPROVEMENT AND UPGRADING OF POTABLE WATER SUPPLY AND REUSE OF WASTEWATER

A. UNDERGROUND STORAGE, HORIZONTAL AND VERTICAL DISTRIBUTION OF WATER SUPPLY SYSTEM

Location: **WVSU Medical Center, E. Lopez St, Jaro, Iloilo City**

	3.1 Man Hole Cover and Stainless Ladder	1.00 lot	Eight (8) units 600mm Dia Manhole With Cover Brass 10 Tonner Capacity	See Layout Plan
			Eight (8) units Stainless Steel Ladder 2" Pipe Frame with Bracket	
4.0	PUMPS AND ACCESSORIES			
	4.1 Various Vertical and Drive Pumps	1.00 lot	Six (6) units VERTICAL MULTISTAGE PUMP Materials: Stainless steel casing and Impeller, mechanical shaft seal Flow range: 23 ~ 79 GPM Head range: 185 ~ 87 meters TDH Suction & Discharge: 2" (50mm) X 2" (50mm) Motor Output: 7.5kW (10 HP), 3450 RPM, 230V, 3 phase TEFC motor. Insu class F; Specific design IE3/60Hz; 2 poles; 3515 rpm; IP65; Pump Materials-AISI 304 Impeller/Casing/Shaft	See Layout Plan and Detail
			Three (3) sets Variable Frequency Drive pump controller with alternate operation capability	
			Three (3) pcs Oil filled pressure gauge; Scales are in both bar and psi, Accuracy class is DIN 16 005; 10 bar Maximum Pressure Measurement; Pressure Gauge Type Bottom Entry; Satinless steel case; Connection size G1/4	
			Three (3) Pressure Transducer 0-10 bar; 4-20mA signal, 0-30VDC supply	
		6 pcs	2"- Foot Valve, Brass Type	
		12 pc	Gate Valve 2-inches, Brass	
		6 pc	Check Valve 2 -inches, Brass	
		5 pc	Gate valve 2-inches	
		3 unit	119-130 gal steel pressurize bladder tank	
		12 pc	Rubber expansion joint 2-inches	
		6 pc	2 inches suction line strainer	
		1 le	4-inches BI pipe Sch 40	
		4 le	2-inches BI pipe Sch 40	
		3 le	1 1/4-inches BI pipe Sch 40	

Section VI. Specifications



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SCOPE OF WORK and DIGEST TECHNICAL SPECIFICATIONS

1 LOT SUPPLYING LABOR AND MATERIALS FOR THE IMPROVEMENT AND UPGRADING OF POTABLE WATER SUPPLY AND REUSE OF WASTEWATER

A. UNDERGROUND STORAGE, HORIZONTAL AND VERTICAL DISTRIBUTION OF WATER SUPPLY SYSTEM

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

	6 pc	1 1/4-inches gate valve	
	1 lot	Flange, bolts, Fittings & Misc.	

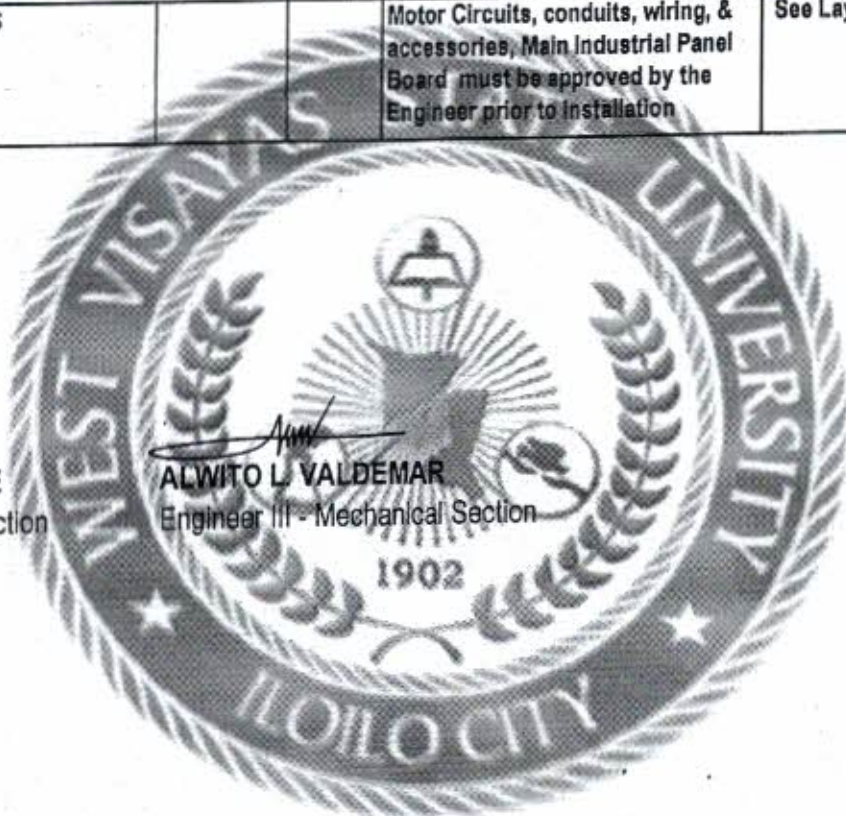
5.0	ELECTRICAL WORKS	Motor Circuits, conduits, wiring, & accessories, Main Industrial Panel Board must be approved by the Engineer prior to installation	See Layout Plan
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PREPARED BY:

JANE T. DELOS REYES
 Head, PPMDO

JOEL S. SONGANO, PEE
 Engineer III - Electrical Section

ALWITO L. VALDEMAR
 Engineer III - Mechanical Section



Section VI. Specifications



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B. EXPANSION/UPGRADING OF WASTEWATER TREATMENT PLANT

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

TERMS OF REFERENCE AND SCOPE OF WORKS

ITEM No.	SCOPE OF WORKS	TERMS OF REFERENCE
1.0	GENERAL SITE SPECIFICATIONS	<p>Located within the West Visayas State University Medical Center</p> <p>Preferably underground system to maximize the limited space of the Medical Center</p> <p>To serve major buildings of WVSUMC such as the Three (3) story Cancer Center, Five (5) story OPD Complex, Two (2) Story ER Complex</p> <p>Inspect project area prior to bid</p>
2.0	DESIGN SPECIFICATIONS	<p>Design and install necessary equipment, devices and system of the Wastewater Treatment Plant that will qualify to the latest DENR Administrative Order (DAO) pertaining to water quality guidelines and general effluent standards specific for industries such hospitals and other related facilities enumerated below:</p> <ol style="list-style-type: none"> 1. Color, 2. Temperature, 3. pH, 4. BOD, 5. Total Suspended Solids, 6. Fecal Coliform, 7. Ammonia, 8. Nitrate as NO₃N, 9. Phosphate, 10. Oil and Grease, 11. Surfactants (MBAS), <p>And other effluent standards as may be prescribed by the latest DAO</p>
3.0	INFLUENT SPECIFICATIONS	The influent volume design can support domestic waste from 150-200 cubic meter per day
4.0	POWER SUPPLY COMPATIBILITY	<p>Electrical devices, panels and wires are completely installed and compatible with the existing main power supply of 230 to 240V, 60 Hertz, Three Phase of the Medical Center</p> <p>Electrical devices, panels and wires of the water treatment system will be tapped to the existing back up power supply or generator of the Medical Center in case of power interruption</p> <p>Electrical devices and wires of the water treatment system can be tapped to an alternative renewable energy such as Solar Power</p>
5.0	MANPOWER	<p>See Key Personnel Qualifications attached separately</p> <p>In house personnel of the Medical Center will be trained after the completion and during commissioning of the project with issued certificate of training</p>



Section VI. Specifications

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B. EXPANSION/UPGRADING OF WASTEWATER TREATMENT PLANT

Location: WVSU Medical Center, E. Lopez St, Jaro, Iloilo City

6.0 DOCUMENT REQUIREMENTS	The following document requirements must be available and submitted :
	Discharge Permit and laboratory results of the wastewater effluent indicating pass or satisfactory shall be the basis for the process of Final Billing
	Approved Schematic Diagram of the system design signed and sealed by designing Engineer
	Approved As Built Plan signed and sealed by a certifying Mechanical/Sanitary/Chemical Engineer whichever is applicable of the design rights
	Engineer's Report and its attached documents prescribed by the DENR during application of Discharge Permit
	Treatment Process and its attached documents prescribed by the DENR that will show efficiency of the process and must be signed and sealed by designing Engineer
	Volume of Wastewater computation signed and sealed by designing Engineer
	Operations Manual original and duplicate copy
	Testing and Commissioning Report signed and sealed by the Engineer
7.0 GENERAL CONDITIONS INCLUSIVE TO THE PROJECT	Annual Preventive Maintenance Services implemented on a quarterly basis up to Two (2) years
	Annual monitoring of Wastewater Discharge sampled on a quarterly basis
	One (1) year supply of consumables (chemical additives) for free
	All equipment must have redundancy with magnetic flowmeter for monitoring of influent and effluent volumetric flowrate.
	One year warranty for equipment and workmanship
8.0 SAFETY SPECIFICATIONS	All safety standards and guidelines prescribed by Department of Labor and Employment must be observed during project implementation
9.0 PROJECT DURATION	A total of 120 Calendar days including PRE-DESIGN phase, DESIGN PHASE, IMPLEMENTATION and COMPLETION Phase
10.0 ESTIMATED BUDGET CEILING COST	Php10,000,000.00

Checklist of Requirements for RFQ No. SBAC22-02

Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Technical Documents

- (e) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (f) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**
- (g) Philippine Contractors Accreditation Board (PCAB) License - **PCAB License : Small B; License Category C & D** ;
or
Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **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) 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;

The key personnel must meet the required minimum years of experience set below:

Note: Attach PRC License of key personnel to be assigned to the project.

A. Underground Storage, Horizontal and Vertical distribution of Water Supply System

Key Personnel	General Experience	Relevant Experience
Project Construction Manager	General building construction and other related infrastructure projects	<ul style="list-style-type: none"> • At least 3 years in general construction management and supervision • With excellent managerial and supervisory skills in handling infrastructure projects (Has undergone leadership training and other managerial related skills development)
Construction Safety Officer	Occupational Health and Safety Program Implementation	<ul style="list-style-type: none"> • At least 3 years in the implementation of occupational health and safety program of a construction project • Has undergone COSH/BOSH Training Program with DOLE accredited training institution

Key Personnel	General Experience	Relevant Experience
Material Quality Control Officer	Materials Quality Control	<ul style="list-style-type: none"> • Must be a Licensed Materials Engineer • At least 3 years in construction materials quality control implementation
Project Site Engineer	General building construction and other related infrastructure projects	<ul style="list-style-type: none"> • Must be a Licensed Civil or Structural Engineer • At least 3 years in general construction project supervision specifically on buildings • Has excellent technical and construction supervisory skills • Proficient in oral and written communication • Proficient in Computer Aided Drawings
Professional Mechanical Engineer	General building construction and other related infrastructure projects	<ul style="list-style-type: none"> • Must be a Licensed Mechanical Engineer • At least 3 years in general construction project supervision specifically on design and installation of drive and vertical motor driven water pump related systems
Construction Foreman	General building construction and other related infrastructure projects	<ul style="list-style-type: none"> • At least 3 years in directly handling general construction projects • Proficient in reading and interpretation of working drawings and has accurate translation into project construction lay-out • Has undergone training of any related construction skills with TESDA accredited training institution
Skilled Laborers: Carpenter Mason, Painter Steel Man Plumber Electrician	General building projects	<ul style="list-style-type: none"> • At least 2 years in their respective technical skills for the construction projects • Have undergone respective skills trainings with TESDA accredited training institution (one training certificate for each skill required)
Laborer	General building projects	<ul style="list-style-type: none"> • None required
Document Controller & Record Keeper	General building project documents processing and record keeping	<ul style="list-style-type: none"> • At least 2 years in handling construction project documents processing and record keeping
Draftsman	General multistory building project working drawings	<ul style="list-style-type: none"> • Proficient in Computer Aided working drawings

B. Expansion/Upgrading of Wastewater Treatment Plant

Key Personnel	General Experience	Relevant Experience
Project Manager	General Water Treatment Industries Specialists	<ul style="list-style-type: none"> • At least 3 years management and supervision in handling water treatment projects
Safety Officer	Occupational Health and Safety Program Implementation	<ul style="list-style-type: none"> • At least 3 years in the implementation of occupational health and safety program • Has undergone BOSH Training Program with DOLE accredited training institution
Project Site Engineer	General Water Treatment Industries Specialists	<ul style="list-style-type: none"> • Preferably a Licensed Mechanical/Sanitary/Chemical Engineer • At least 3 years in designing and handling water treatment systems
General Foreman	General Water Treatment Industries	<ul style="list-style-type: none"> • At least 3 years in directly handling general construction of water treatment projects • Has undergone training of any related construction skills with TESDA accredited training institution

Key Personnel	General Experience	Relevant Experience
Skilled Laborers: Carpenter/Mason Plumbers Electricians	General Construction and Installation Works	<ul style="list-style-type: none"> At least 2 years in their respective technical skills for the project Have undergone respective skills trainings with TESDA accredited training institution (one training certificate for each skill required)
Unskilled Laborer	General building projects	<ul style="list-style-type: none"> None required
Document Controller & Record Keeper	General building project documents processing and record keeping	<ul style="list-style-type: none"> At least 2 years in handling construction project documents processing and record keeping

- 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**

The minimum major equipment requirements are the following:

Equipment	Capacity	Number of Units
Dump Truck	4.0 - 8.00 cu.m.	1
Backhoe Crawler or Wheel Mounted	0.75 cu.m. bucket size	1
Centrifugal Pump	1 to 2 Hp	1
Mixer Diesel or Gas Engine	One (1) Bagger	1
Welding Machine AC or Portable	200 Amperes minimum	1
Power Tools	N/A	1

- (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.

Financial Documents

- (k) 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**
- (l) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : _____

To: [name and address of Procuring Entity]

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

- a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: [insert name of contract];
- b. We offer to execute the Works for this Contract in accordance with the PBDs;
- c. The total price of our Bid in words and figures, excluding any discounts offered below is: [insert information];
- d. The discounts offered and the methodology for their application are: [insert information];
- e. The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein and reflected in the detailed estimates;
- f. Our Bid shall be valid within the a period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of [insert percentage amount] percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines¹ for this purpose;
- h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the [Name of Project] of the [Name of the Procuring Entity].
- l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

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

Date: _____

¹ currently based on GPPB Resolution No. 09-2020

Performance Securing Declaration (Revised)

[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]

REPUBLIC OF THE PHILIPPINES)

CITY OF _____) S.S.

PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
 - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
 - i. Procuring Entity has no claims filed against the contract awardee;
 - ii. It has no claims for labor and materials filed against the contractor; and
 - iii. Other terms of the contract; or
 - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

Bid Securing Declaration Form

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

REPUBLIC OF THE PHILIPPINES)

CITY OF _____) S.S.

BID SECURING DECLARATION

Project Identification No.: *[Insert number]*

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
 - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
 - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)

CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

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

1. [Select one, delete the other:]

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

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

2. [Select one, delete the other:]

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

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

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

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. [Select one, delete the rest:]

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

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

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

7. [Name of Bidder] complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
 - a. Carefully examining all of the Bidding Documents;
 - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
 - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

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

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

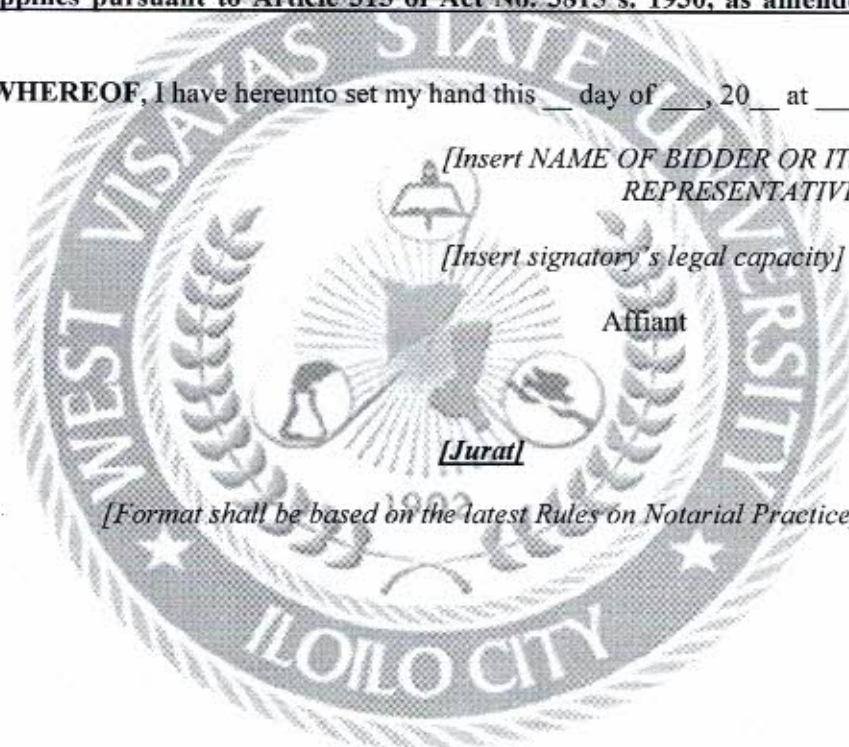
[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

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



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

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

CONTRACT AGREEMENT

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

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - a. Philippine Bidding Documents (PBDs);
 - i. Drawings/Plans;
 - ii. Specifications;
 - iii. Bill of Quantities;
 - iv. General and Special Conditions of Contract;
 - v. Supplemental or Bid Bulletins, if any;
 - b. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;
 - c. Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
 - d. Performance Security;
 - e. Notice of Award of Contract and the Bidder's conforme thereto; and
 - f. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**
3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.
4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

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

[Insert Name and Signature]
[Insert Signatory's Legal Capacity]
for:
[Insert Procuring Entity]

[Insert Name and Signature]
[Insert Signatory's Legal Capacity]
for:
[Insert Name of Supplier]

Acknowledgment

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