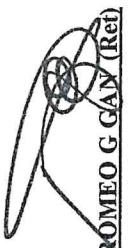


BY:


GEN RICARDO R. VISAYA (Ret)
 Administrator

Witness:


MGEN ROMEO G. GAN (Ret)
 Deputy Administrator for
 Administrative & Finance

Witness:


PEE JAY N. JURADO
 Project Engineer

By:


ABRAHAM S. COLLADO
 Authorized Managing Officer
Contract Agreement**Contract No. CAR-ALIPD-C-2**

THIS AGREEMENT, made this day of JAN 14 2020 between the **NATIONAL IRRIGATION ADMINISTRATION**, with principal office address at NIA Bldg., EDSA, Quezon City, represented by its Administrator, **GEN RICARDO R. VISAYA (Ret)** (hereinafter called the "Entity") and **TOKWING CONSTRUCTION CORPORATION / ASC CONSTRUCTION AND CONCRETE PRODUCTS (Joint Venture)**, with principal office address at 49 Tamaray Street, Atulyan Sur, Tuguerarao City, Cagayan, represented by its Authorized Managing Officer, **ABRAHAM S. COLLADO** (hereinafter called the "Contractor").

WHEREAS, the Entity is desirous that the Contractor execute the Construction of Pump Appurtenant Structures, including Supply, Delivery, Installation, Testing and Commissioning of Pump, Electric Motors, Valves, Discharge/Steel Pipes and other Electro-Mechanical Works under the Alfonso Lista Pump Irrigation Project, Invitation to Bid No. CAR-ALIPD-C-2, (hereinafter called "the Works") and the Entity has accepted the Bid for **Four Hundred Fifty Five Million Eight Hundred Forty Nine Thousand Seven Hundred Forty Seven and 94/100 Pesos (PhP455,849,747.94)** 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 shall be attached, deemed to form, and be read and construed as part of this Agreement, to wit:
 - (a) General and Special Conditions of Contract;
 - (b) Drawings / Plans;
 - (c) Technical Specifications;
 - (d) Invitation To Bid;
 - (e) Instructions to Bidders;
 - (f) Bid Data Sheet;
 - (g) Supplemental/Bid Bulletin No. 1;
 - (h) Bidder's Financial Component of Bid containing the Bid form including Detailed Breakdown of Estimates;
 - (i) Bidder's Technical Component of Bid containing its Eligibility and Technical Documents;
 - (j) Performance Security;
 - (k) Credit Line Certificate;
 - (l) Notice of Award of Contract and the Bidder's conformity thereto;

BY: GEN RICARDO R VISAYA (Ret)
Administrator

Witness:

MGEN ROMEO G GAN (Ret)
Deputy Administrator for
Administrative & Finance

Witness:

PEE JAY N. JURADO
Project Engineer

By: ABRAHAM S. COLLADO
Authorized Managing Officer

- (m) BAC Resolution No. CW-NCB-2019-06 -recommending Award of Contract;
- (n) NIA's Certificate of Availability of Funds (CAF);
- (o) Additional Documentary Requirements required by law:
 - o.1 Construction Schedule in the Form of PERT/CPM, Bar/Gantt Chart and S-Curve
 - o.2 Manpower Schedule
 - o.3 Construction Methods and Procedures
 - o.4 Equipment Utilization Schedule
 - o.5 Construction Safety and Health Program approved by the Department of Labor and Employment, and
 - o.6 Contractor's Environmental Management Plan (CEMP)

3. In consideration of the payments to be made by the Entity to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Entity to execute and complete the Works and remedy any defects therein in conformity with the provisions of this Contract in all respects, broken down as follows:

SCOPE OF WORKS:

Item No	Description	Quantity	Unit	Unit Cost	Total Cost
101	Temporary Works, Construction Plant, Mobilization of Construction Equipment & Demobilization Works	1.00	L.S.	1,001,837.00	1,001,837.00
102	Structure Excavation (Rock) (Discharge Pipes)	10,783.75	cu.m.	863.70	9,313,924.88
103	Overhaul (Waste Disposal) (Rock), AHD=1.00 Km (Discharge Pipes)	10,245.60	cu.m.	186.88	1,914,697.73
104	Structures Backfill (Discharge Pipes)	2,366.03	cu.m.	342.97	811,477.31
105	Concrete Structure Class "A Concrete, (211 kg./sq.cm.) 1. Pump House 2. Sump Intake & Discharge Pipes	1,163.10	cu.m.	10,116.73	11,766,768.66
106	Reinforcing Steel Bars, All sizes 1. Pump House 2. Sump Intake and Discharge Pipes Manufacture, Supply, Delivery, Installation & Commissioning of Electro-Mechanical Equipment	64,500.00	kgs	91.29	5,888,205.00
107	a) Vertical Double Suction, Volute Pump Pump Specs: 84 cu.m./m, 90m TDH, 890 min-1; 1,700kw Motor Type: Vertical Squirrel Induction Cage (Fixed speed) Motor Specs: 1,700 KW, 6,600V, 60Hz, 8P Complete with Accessories as follows: i. Motor stool - 5 units ii. Flexible coupling (Gear Type) - 5 units iii. Anchor bolts & nuts - 5 units	5.00	units	50,401,350.00	252,006,750.00

BY: 
GEN. ROMEO G. GAN (Ret)
 Administrator

WITNESS: 
MGEN. ROMEO G. GAN (Ret)
 Deputy Administrator for
 Administrative & Finance

WITNESS: 
PEE JAY N. JURADO
 Project Engineer

By: 
ABRAHAM S. COLLADO
 Authorized Managing Officer

	iv. Pressure gauge - 5 units v. Compound gauge - 5 units vi. Air Vent valve - 5 units vii. Bearing RTD; 2 pcs/pump - 10 units Manufacture, Supply, Delivery, Installation and Commissioning of Electro-Mechanical Equipment				
108	b) Butterfly Valve (Suction Side) DN 1050mm dia., PN 16	5.00	units	3,646,220.00	18,231,100.00
109	c) Fabrication, Supply, Delivery and Installation of Steel Pipes Complete with Accessories as follows: (Suction Side) i. Suction Pipe, 1050 mm dia. x L = 8.582 m. x 12.50mm ii. Suction Pipe, 1050 mm dia. x L = 1.586 m. x 12.50mm iii. Suction Pipe, 1050 mm dia. x L = 1.623 m. x 12.50mm iv. Suction Pipe, Concentric reducer, 1050mm dia./ 700mm diameter x L = 1.400 m. x 12.50mm v. Bell Mouth DN 1050 mm dia. vi. Flexible Joint DN 1050 mm dia., PN16	5.00 5.00 5.00 5.00	assy assy assy assy	635,500.00 181,846.00 183,706.00 144,398.00	3,177,500.00 909,230.00 918,530.00 721,990.00
110	d) Butterfly Valve (Discharge Side) DN 900mm dia., PN 16	10.00	assy	83,452.00 244,714.00	417,260.00 2,447,140.00
111	e) Fabrication, Supply, Delivery and Installation of Steel Pipes Complete with Accessories as follows: (Discharge Side) i. Discharge Pipe, 900 mm dia. x L = 0.50 m. x 12.50mm ii. Discharge Pipe, 900 mm dia. x L = 185 m. x 12.50mm (Long Pipe) iii. Discharge Pipe, Concentric reducer, 900mm dia./ 450mm dia. x L = 1.728 m. x 12.50mm iv. Flexible Joint DN 900 mm dia., PN16 v. Check Valve vi. Flap Valve DN 900 mm dia.	5.00 10.00 5.00 5.00 10.00 5.00 5.00	units units units units units units units	222,394.00 8,532,440.00 348,130.00	2,223,940.00 42,662,200.00 1,740,650.00
112	Miscellaneous Metal Works and Materials a. Fabrication, Supply, Delivery & Installation of Trashrack & all Accessories 2.40 m x 11.357 m (2 sets) b. Fabrication, Supply, Delivery & Installation of Monorail beam with Hoist & all Accessories, 2.40 m x 3.0 m x 3 panels (2 Sets) c. Fabrication, Supply, Delivery & Installation of Stoplogs Gates & Embedded Parts & all Accessories, 2.40 m x 3.0 m x 3 panels (2 Sets)	5.00 1.00 1.00	assy assy assy	1,929,068.00 1,217,990.00 8,769,900.00	9,645,340.00 1,217,990.00 8,769,900.00
113	Supply, Delivery & Installation of Hold Down Strap Complete with Accessories as follows:				

114	i. 1/4" x 3" Stainless Steel Strap with 1/4" x 2 1/2" 100% Virgin Neoprene Pad with Durometer Hardness (50) Adhere to the strap snug fit	2,143.00	assy	1,887.49	4,044,891.07
	ii. 1/4" x 6" 100% Virgin Neoprene Pad with Durometer Hardness (50) Adhere to the saddle	536.00	m	630.69	338,049.84
	iii. 3/4" Stainless Steel Anchor Bolt (ASTM A307 or A306)	1,585.00	pcs	756.37	1,198,846.45
	Pump House Accessories				
	1. Aircooled Condensing Unit 24,000 BTU/H Capacity	2.00	units	86,676.00	173,352.00
	2. Fan Coil Unit (Single Fit), Wall Mounted 24,000 BTU/H Capacity	2.00	units	37,076.00	74,152.00
	3. Ventilating (Wall Mounted Fan) 9,000 CFM, 1HP Motor Rating	4.00	units	31,527.00	126,108.00
	TOTAL				455,849,747.94

4. The Entity hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this Contract at the times and in the manner prescribed by this Contract.

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

Signed by:


GEN RICARDO R VISAYA (Ret)
 Administrator
 NATIONAL IRRIGATION
 ADMINISTRATION

Signed by:



ABRAHAM S. COLIADO
 Authorized Managing Officer
 TOKWING CONSTRUCTION CORP. /
 ASC CONST. & CONCRETE PRODUCTS (J.V.)

Witness:

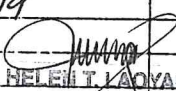

MGEN ROMEO G GAN (Ret)
 Name and Signature
 Address: _____

Date: _____

Witness:


PEE JAY N. JURADO
 Name and Signature
 Address: _____

Date: _____

FUNDS AVAILABLE CHARGEABLE AGAINST ALFONSO	
PARTICULARS	AMOUNT
BUR 501- 2019- 12- 025	390,570,865.18
LFPs	
GAA 2019	
	
TOTAL	
Helen T. Laoan Acting Manager, Accounting Division	

NATIONAL IRRIGATION ADMINISTRATION

Witness:

Witness:

TOKWING CONSTRUCTION CORPORATION
ASC CONST. & CONCRETE PRODUCTS (J.V.)

By: ABRAHAM S. COLLADO
Authorized Managing Officer

Witness: PEE JAY N. JURADO
Project Engineer

BY: MGEN ROMEO G GAN (Ret)
Deputy Administrator for
Administrative & Finance

BY: GEN RICARDO R VISAYA (Ret)
Administrator

ACKNOWLEDGEMENT

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

JAN 17 2020

Personally appeared before me this _____ day of _____ at Quezon City, **GEN RICARDO R VISAYA (Ret)**, Administrator, National Irrigation Administration, with Valid Identification No. **000001** issued by **National Irrigation Administration** on **March 28, 2017** and **ABRAHAM S. COLLADO**, Authorized Managing Officer, Tokwing Construction Corporation / ASC Construction and Concrete Products (Joint Venture), with Valid Identification Driver's License No. B04-91-021950 issued by the Land Transportation Office, on January 23, 2018 valid until January 23, 2023, known to me and to me known to be the same persons who executed the foregoing instrument and they acknowledged to me that the same are their own free and voluntary act and deed.

This Contract Agreement, consisting of five (5) pages, including this notarial acknowledgement, duly signed by both parties and their instrumental witnesses on each and every page thereof, refers to the Construction of Pump Appurtenant Structures, including Supply, Delivery, Installation, Testing and Commissioning of Pump, Electric Motors, Valves, Discharge/Steel Pipes and other Electro-Mechanical Works under the Alfonso Lista Pump Irrigation Project, Invitation to Bid No. CAR-ALPIPD-C-2.

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

ATY. DULCESIMO G. HINANAY JR.
NOTARY PUBLIC IN Q.C.
ROLL OF ATTORNEYS IN 2027386
PTR NO. 8563727 D/1-2-2019 Q.C.
IBP NO. 05831/ QUEZON CITY
MCLE COMPLIANCE NO. IV-0004853
ADMIN. MATTER NO. NP. 234
PIN NO. _____

Doc. No. 269 ;
Page No. 171 ;
Book No. 87 ;
Series of 20 2019