



Republika ng Pilipinas
National Irrigation Administration
(PAMBANSANG PANGASIWAAN NG PATUBIG)
Lungsod ng Quezon

Office Address: National Government Center
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Telefax No. (632) 928-9343
TIN No. 000-916-415

December 17, 2019

**TOKWING CONSTRUCTION CORPORATION /
ASC CONSTRUCTION AND CONCRETE PRODUCTS (Joint Venture)**
49 Tamaray Street, Atulyan Sur
Tuguerarao City
Cagayan

SUBJECT : **NOTICE OF AWARD**
Construction of Appurtenant Pump 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-ALPID-C-2

Gentlemen:

Please be advised that you are awarded the contract for the above captioned contract works in the total contract amount of **Four Hundred Fifty Five Million Eight Hundred Forty Nine Thousand Seven Hundred Forty Seven and 94/100 Pesos (PhP455,849,747.94)**, broken down as follows:

Item No	Description	Quantity	Unit	Unit Cost	Total Cost
101	Temporary Works, Construction	1.00	L.S.	1,001,837.00	1,001,837.00
102	Plant, Mobilization of Construction Equipment & Demobilization Works				
102	Structure Excavation (Rock)	10,783.75	cu.m.	863.70	9,313,924.88
	(Discharge Pipes)				
103	Overhaul (Waste Disposal)	10,245.60	cu.m.	186.88	1,914,697.73
	(Rock), AHD=1.00 Km				
	(Discharge Pipes)				
104	Structures Backfill	2,366.03	cu.m.	342.97	811,477.31
	(Discharge Pipes)				
105	Concrete Structure	1,163.10	cu.m.	10,116.73	11,766,768.66
	Class "A Concrete, (211 kg./sq.cm.)				
	1. Pump House				
	2. Sump Intake & Discharge Pipes				
106	Reinforcing Steel Bars,	64,500.00	kgs	91.29	5,888,205.00
	All sizes				
	1. Pump House				
	2. Sump Intake and Discharge Pipes				
	Manufacture, Supply, Delivery, Installation & Commissioning of Electro-Mechanical Equipment				

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 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	5.00	units	50,401,350.00	252,006,750.00
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	5.00	assy	635,500.00	3,177,500.00
	ii. Suction Pipe, 1050 mm dia. x L = 1.586 m. x 12.50mm	5.00	assy	181,846.00	909,230.00
	iii. Suction Pipe, 1050 mm dia. x L = 1.623 m. x 12.50mm	5.00	assy	183,706.00	918,530.00
	iv. Suction Pipe, Concentric reducer, 1050mm dia./ 700mm diameter x L = 1.400 m. x 12.50mm	5.00	assy	144,398.00	721,990.00
	v. Bell Mouth DN 1050 mm dia.	5.00	assy	83,452.00	417,260.00
	vi. Flexible Joint DN 1050 mm dia., PN16	10.00	assy	244,714.00	2,447,140.00
110	d) Butterfly Valve (Discharge Side) DN 900mm dia., PN 16	5.00	units	2,910,652.00	14,553,260.00
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	10.00	assy	88,405.80	884,058.00
	ii. Discharge Pipe, 900 mm dia. x L = 185 m. x 12.50mm (Long Pipe)	5.00	assy	11,603,920.00	58,019,600.00
	iii. Discharge Pipe, Concentric reducer, 900mm dia./ 450mm dia. x L = 1.728 m. x 12.50mm	5.00	assy	130,200.00	651,000.00
	iv. Flexible Joint DN 900 mm dia., PN16	10.00	units	222,394.00	2,223,940.00
	v. Check Valve	5.00	units	8,532,440.00	42,662,200.00
	vi. Flap Valve DN 900 mm dia.	5.00	units	348,130.00	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)	5.00	assy	1,929,068.00	9,645,340.00

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113	b. Fabrication, Supply, Delivery & Installation of Monorail beam with Hoist & all Accessories, 2.40 m x 3.0 m x 3 panels (2 Sets)	1.00	assy	1,217,990.00	1,217,990.00
	c. Fabrication, Supply, Delivery & Installation of Stoplogs Gates & Embedded Parts & all Accessories, 2.40 m x 3.0 m x 3 panels (2 Sets)	1.00	assy	8,769,900.00	8,769,900.00
	Supply, Delivery & Installation of Hold Down Strap Complete with Accessories as follows:				
	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
114	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. Air cooled 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

In this regard, you are requested to submit the following documents within ten (10) calendar days upon receipt hereof to facilitate entering into contract with the National Irrigation Administration in accordance with the terms and conditions of the contract documents:

1. Performance Security in any of the following forms;

- a. Cash or cashier's / manager's check issued by a Universal or Commercial Bank; or - Ten percent (10%) of the total contract price
- b. Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank; or - Ten percent (10%) of the total contract price
- c. Surety Bond callable upon demand issued by a surety or insurance company. - Thirty percent (30%) of the total contract price

2. Credit Line Certificate in the amount equal to the average operating expenses of the contract work for two (2) months or ten percent (10%) of the total contract amount issued by a bank or a financing institution acceptable to the NIA to be used exclusively as working capital in the implementation of the Contract Work;




3. Construction Schedule in the form of PERT/CPM, Bar Chart and S-Curve;
4. Manpower Schedule;
5. Construction Methods and Procedures;
6. Equipment Utilization Schedule;
7. Construction Safety and Health Program approved by the Department of Labor and Employment; and
8. Contractor's Environment Management Plan.

Please acknowledge receipt and facilitate compliance on our requirements.

Very truly yours,


GEN RICARDO R. VISAYA (Ret)

Administrator

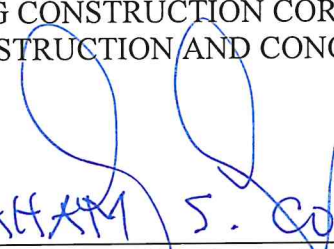
ABB - 
CM.S. 
LSE 
Form 6

ACAS - 
PLP - 

CONFORME:

TOKWING CONSTRUCTION CORPORATION /
ASC CONSTRUCTION AND CONCRETE PRODUCTS (Joint Venture)

By:


ABRAHAM S. COLLADO

Name and Signature of Authorized Representative

Date: 12-26-2019