

## Contract Agreement

Contract No. SRIPD-C-26RW

NATIONAL IRRIGATION ADMINISTRATION

BY:

**GEN RICARDO R VISAYA (Ref)**  
Administrator

Witness:

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

Witness:

**PIO FRANCISCO E. MABBORANG**  
Project Manager

R.D. INTERIOR JUNIOR CONSTRUCTION

By:

**RICARDO D. INTERIOR, JR.**  
General Manager

**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 (Ref)** (hereinafter called the "Entity") and **R. D. INTERIOR JUNIOR CONSTRUCTION** with principal office address at 11<sup>th</sup> Floor, Triumph Building, Quezon Avenue, Quezon City, represented by its General Manager, **RICARDO D. INTERIOR, JR.** (hereinafter called the "Contractor").

**WHEREAS**, the Entity is desirous that the Contractor execute the Construction of Sulvec Earthfill Dam and its Appurtenant Structures under the Small Reservoir Irrigation Project (SRIP), Invitation to Bid No. SRIPD-C-26RW, (hereinafter called "the Works") and the Entity has accepted the Bid for **Three Hundred Thirty Three Million Three Hundred Seventy One Thousand Forty Nine and 92/100 Pesos (PhP333,371,049.92)** 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;
  - (m) BAC Resolution No. CW-NCB-2019-04-recommending Award of Contract;

By:

RICARDO D. INTERIOR, JR.

General Manager

Witness:

PIO FRANCISCO E. MABBORANG

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Deputy Administrator for  
Administrative & Finance

BY:

GEN RICARDO A. VISAYA (Ref)

Administrator


- (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 (DOLE), 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:

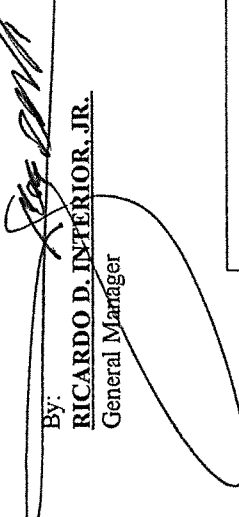
## SCOPE OF WORKS:

Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
101	A. Temporary Works, Construction Plant, Mobilization of Construction Equipment and Demobilization Work <b>Sub Total-A</b>	1.00	L.S.	5,258,304.00	5,258,304.00
102	B. Clearing and Grubbing (Including Disposal AHD = 4.00 km) <b>Sub Total-B</b>	16,570.00	sq.m.	29.15	483,015.50
103	C. Diversion and Care of River during Construction and Unwatering Foundation <b>Sub Total-C</b>	1.00	L.S.	1,804,701.49	1,804,701.49
104	D. DAM AREA Excavation and Foundation preparation				
	a) Common	12,990.00	cu.m.	152.30	1,978,377.00
	b) Rock	2,480.00	cu.m.	454.67	1,127,581.60
105	Overhaul (Waste Disposal), AHD = 4.00 kms.	15,470.00	cu.m.	150.76	2,332,257.20
106	Dam Embankment				
	a) Impervious Clay	43,050.00	cu.m.	221.73	9,545,476.50
	b) Random Fill	128,730.00	cu.m.	235.17	30,273,434.10
	c) Filter Drain	12,800.00	cu.m.	795.06	10,176,768.00
	c.1.) Sand = 6,280 cu.m.				
	c.2.) Gravel = 6,520 cu.m.				
	d) Boulder Riprap	7,620.00	cu.m.	2,577.29	19,638,949.80
	e) Rock Toe	7,820.00	cu.m.	986.73	7,716,228.60
	f) Gravel Bedding	3,570.00	cu.m.	870.47	3,107,577.90
	g) Grass Sodding	7,200.00	sq.m.	116.12	836,064.00
107	Concrete Structures, 211 kg/cm <sup>2</sup> , Class "A"	70.00	cu.m.	7,976.90	558,383.00
108	Reinforcing Steel Bars, all sizes (grade 40)	1,597.00	kgs.	70.37	112,380.89

BY:   
**GEN. RICARDO D. INTERIOR, JR.**  
 Administrator

Witness:   
**MGEN ROMEO G. GANAR**  
 Deputy Administrator for  
 Administrative & Finance

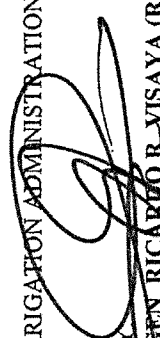
Witness:   
**PIO FRANCISCO E. MABORANG**  
 Project Manager


By:   
**RICARDO D. INTERIOR, JR.**  
 General Manager

109	Drilling and Grouting				
	a) Drilling (Non-coring)	880.00	l.m.	1,769.21	1,556,904.80
	b) Stand Pipe	51.00	pcs	7,715.65	393,498.15
	c) Checkhole (Core-drilling)	50.00	l.m.	1,830.46	91,523.00
	d) Pressure Grouting	780.00	bags	1,704.03	1,329,143.40
	e) Water Pressure Test	17.00	test	12,179.56	207,052.52
110	Dam Instrumentation				
	a) Furnish Standpipe Piezometer	1.00	L.S.	283,342.50	283,342.50
	1. Plain PVC Tube, 75mm. dia. x 3m length, sch 80				
	2. Perforated PVC Tube, 75mm. dia. x 3m length, sch 80				
	3. Top, Bottom PVC caps and PVC couplings				
	4. Water Level Indicator, 50 meters				
	5. Bentonite Pellets, 25 kg/bag				
	6. Plastic Piezometer Tip				
	b) Installation Standpipe Piezometer	1.00	L.S.	386,401.06	386,401.06
	1. Plain PVC Tube, 75mm. dia. x 3m length, sch 80				
	2. Perforated PVC Tube, 75mm. dia. x 3m length, sch 80				
	3. Top, Bottom PVC caps and PVC couplings				
	4. Water Level Indicator, 50 meters				
	5. Bentonite Pellets, 25 kg/bag				
	6. Plastic Piezometer Tip				
	c) Non-Core Drilling	267.00	l.m.	1,340.46	357,902.82
	d) Surface Measurement Point	15.00	units	3,301.38	49,520.70
	e) Bench Mark	4.00	units	8,507.63	34,030.52
	f) Seepage Measuring Weir				
	f.1) Perforated PVC Pipe, 300mm dia.	70.00	l.m.	4,511.06	315,774.20
	f.2) Measuring Weir Structure	1.00	L.S.	200,440.63	200,440.63
	f.3) Seepage Collecting Channel	220.00	l.m.	8,489.60	1,867,712.00
111	Miscellaneous Metal works and Materials				
	a) Metal beam Railing (20cm x 30cm x 3.0m)	330.00	l.m.	1,311.36	432,748.80
112	Road Surfacing (Gravel)	280.00	cu.m.	998.10	279,468.00
	Sub Total-D				95,188,941.69
	E. SPILLWAY AREA				
113	Excavation and Foundation Preparation				
	a) Common	90,140.00	cu.m.	152.30	13,728,322.00
	b) Rock	53,280.00	cu.m.	454.67	24,224,817.60
114	Overhaul (Waste Disposal), AHD = 4.00 kms.	131,550.00	cu.m.	150.76	19,832,478.00
115	Filling and Backfilling	11,870.00	cu.m.	73.42	871,495.40
116	Concrete Structures, 211 kg/cm <sup>2</sup> , Class "A"	6,020.00	cu.m.	7,976.90	48,020,938.00
117	Reinforcing Steel Bars, all sizes (Grade 40)	468,236.00	kgs.	70.37	32,949,767.32

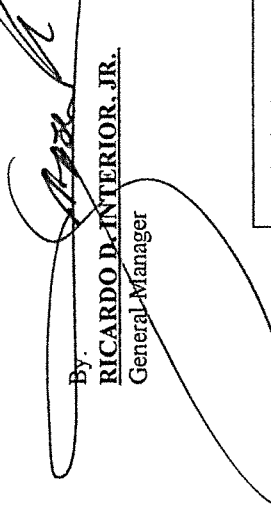
Witness:

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BY:   
**GEN RICARDO R. VISAYA (Ref)**  
 Administrator

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

  
**PIO FRANCISCO E. MABBORANG**  
 Project Manager

By:   
**RICARDO D. INTERIOR, JR.**  
 General Manager

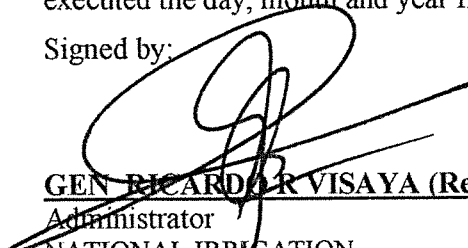
118	Concrete Joints and Joint Materials				
	a) PVC Waterstop (230 mm. width, Dumbell Type)	1,630.00	l.m.	3,884.04	6,330,985.20
	b) Joint Sealant	560.00	liters	507.10	283,976.00
	c) Joint Filler	800.00	sq.m.	2,491.82	1,993,456.00
119	Boulder Riprap	1,160.00	cu.m.	2,577.29	2,989,656.40
120	Grouted Riprap	190.00	cu.m.	4,689.48	891,001.20
121	Rubble Masonry	2,290.00	cu.m.	4,917.78	11,261,716.20
122	Filter Drain	400.00	cu.m.	795.06	318,024.00
	a) Sand = 170 cu.m.				
	b) Gravel = 230 cu.m.				
123	Anchor Bars, (25mm dia x 1.50m Plain Bar)	1,135.00	pcs	772.96	877,309.60
124	Miscellaneous Metal Works and Materials				
	a) Drain Pipe, 50mm dia PVC	300.00	l.m.	157.42	47,226.00
	b) Perforated PVC Pipe, 100 dia	1,960.00	l.m.	976.44	1,913,822.40
	c) Dowell Bars, 20mm dia x 0.50m Plain Bar	3,216.00	kgs.	78.54	252,584.64
	d) Ladder Rung	51.00	kgs.	89.72	4,575.72
	e) G.I. Pipe Railing, 75mm dia.	240.00	l.m.	3,169.54	760,689.60
	f) Cannex Board	9.00	sq.m.	5,164.91	46,484.19
	g) Neophrene Bearing Pad	12.00	sets	6,389.91	76,678.92
	h) Fixed Bearing Plate	12.00	sets	18,639.91	223,678.92
125	Gravel Bedding	360.00	cu.m.	870.47	313,369.20
126	Road Surfacing	222.00	cu.m.	998.10	221,578.20
	<b>Sub Total-E</b>				<b>168,434,630.71</b>
	<b>F. OUTLET WORKS</b> (Diversion and Irrigation)				
127	Excavation and Foundation Preparation				
	a) Common	15,160.00	cu.m.	152.30	2,308,868.00
	b) Rock	670.00	cu.m.	454.67	304,628.90
128	Overhaul (Waste Disposal), AHD = 4.00 kms.	15,830.00	cu.m.	150.76	2,386,530.80
129	Filling and Backfilling				
	a) Impervious Clay	5,940.00	cu.m.	221.73	1,317,076.20
	b) Random Fill	5,940.00	cu.m.	235.17	1,396,909.80
130	Concrete Structures, 211 kg/cm <sup>2</sup> , Class "A"				
	a) 211kg/cm <sup>2</sup> , Class "A"	2,360.00	cu.m.	7,976.90	18,825,484.00
	b) 170 kg/cm <sup>2</sup> , Class "B"	24.00	cu.m.	4,585.54	110,052.96
131	Reinforcing Steel Bars, all sizes (Grade 40)	287,118.00	kgs.	70.37	20,204,493.66
132	Concrete Joints and Joint Materials				
	a) PVC Waterstop (230mm width, Dumbell Type)	680.00	l.m.	3,884.04	2,641,147.20
	b) Joint Sealant	70.00	liters	507.10	35,497.00
	c) Joint Filler, Bituminous Type	260.00	sq.m.	2,491.82	647,873.20
133	Rubble Masonry	130.00	cu.m.	4,917.78	639,311.40
134	Boulder Riprap	90.00	cu.m.	3,468.11	312,129.90
135	Anchor Bars, (25mmØ x 1.50m Plain Bar)	88.00	pcs.	772.96	68,020.48

136	Miscellaneous Metal Works and Materials				
	a) Ladder Rung	33.00	kgs	89.72	2,960.76
	b) Trash Rack				
	b.1 (1.25m x 3.40m)	2.00	sets	14,899.06	29,798.12
	b.2 (1.25m x 2.40m)	2.00	sets	13,061.56	26,123.12
	c) Steel Grating w/ Steel Frame	1.00	set	42,048.13	42,048.13
	Manhole (3.0m x 3.0m)				
	d) Steel Platform (2.00m x 1.58m)	3.00	sets	35,606.67	106,820.01
	e) Dowel Bars, 20mm dia x 0.50m Plain Bar	518.00	kgs	78.54	40,683.72
	f) G.I. Pipe Railing, 75mm dia.	50.00	l.m.	3,169.54	158,477.00
	g) Fabrication, Supply, Delivery	9,337.00	kgs	454.93	4,247,681.41
	and Installation including NDT				
	including NDT of Steel Pipes,				
	Reducer Pipes, Flanges and				
	other accessories to complete the works				
137	Fabrication, Supply, Delivery and				
	Installation of Gate and Butterfly Valves				
	a) Butterfly Valve, 900mmØ with Gear	1.00	assy	2,012,325.00	2,012,325.00
	Reduction w/ bypass valve				
	b) Gate Valve, 900mmØ with Gear	2.00	assy	2,119,184.38	4,238,368.76
	Reduction w/ bypass valve				
	c) Dresser Coupling, 900mmØ	1.00	assy	98,147.00	98,147.00
	Sub Total-F				62,201,456.53
	<b>TOTAL</b>				<b>333,371,049.92</b>

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

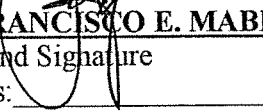
Signed by:

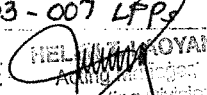
  
**RICARDO D. INTERIOR, JR.**  
 General Manager  
 R. D. INTERIOR JUNIOR CONSTRUCTION

Witness:

  
**MGEN ROMEO G. GAN (Ret)**  
 Name and Signature  
 Address: \_\_\_\_\_  
 Date: \_\_\_\_\_

Witness:

  
**PIO FRANCISCO E. MABBORANG**  
 Name and Signature  
 Address: \_\_\_\_\_  
 Date: \_\_\_\_\_

FUNDS AVAILABLE FOR RELEASE AGAINST SUDLVES SRIP	
PAR. CILARS	AMOUNT
501- 2015- 06- 021 LFPs	11,107,274.17
501- 2016- 12- 047 LFPs	3,561,600.00
501- 2016- 04- 012 LFPs	55,000,000.00
501- 2017- 03- 007 LFPs	179,938,434.48
 <b>NIEL N. OYANO</b> Accounting	

NATIONAL IRRIGATION ADMINISTRATION

BY: GEN RICARDO R VISAYA (Ret)  
Administrator

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

R.D. INTERIOR JUNIOR CONSTRUCTION

Witness:  
PIO FRANCISCO R MABORANG  
Project Manager

By: RICARDO D. INTERIOR, JR.  
General Manager

# ACKNOWLEDGEMENT

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

16 JAN 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 RICARDO D. INTERIOR, JR. General Manager, R.D. Interior Junior Construction, with Valid Identification Tax Identification No. 102-202-940 issued by the Bureau of Internal Revenue, on August 29, 2006, 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 six (6) 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 Sulvec Earthfill Dam and its Appurtenant Structures under the Small Reservoir Irrigation Project (SRIP), Invitation to Bid No. SRIPD-C-26RW.

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

ATTY. ROGELIO J. BOLIVAR  
NOTARY PUBLIC  
AM Adm. No. 05255 Jan. 2019 & IEP O.R. No. 05256 Jan. 2020  
IEP O.R. No. 05255 Jan. 2019 & IEP O.R. No. 05256 Jan. 2020  
PTR O.R. No. 05255 Jan. 2019 & PTR O.R. No. 05256 Jan. 2020  
MCLE No. V-0023503 valid from 12/18/19 Valid until 04/14/22  
Issued at \_\_\_\_\_  
Issued on \_\_\_\_\_  
TIN No. \_\_\_\_\_

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Page No. 11 :  
Book No. 2 :  
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