



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

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TIN No. 000-916-415

December 17, 2019

R. D. INTERIOR JUNIOR CONSTRUCTION

11th Floor, Triumph Building,
Quezon Avenue, Quezon City

SUBJECT : **NOTICE OF AWARD**
Construction of Sulvec Earthfill Dam & its Appurtenant Structures
(Remaining Works) under the Small Reservoir Irrigation Project
Invitation to Bid No. SRIPD-C-26RW

Gentlemen:

Please be advised that you are awarded the contract for the above captioned contract works in the total contract amount of **Three Hundred Thirty Three Million Three Hundred Seventy One Thousand Forty Nine and 92/100 Pesos (PhP333,371,049.92)**, broken down as follows:

| Item No. | Description | Qty. | Unit | Unit Cost | Total Cost |
|----------|---|------------|-------|--------------|-------------------------------------|
| 101 | A. Temporary Works, Construction Plant, Mobilization of Construction Equipment and Demobilization Work Sub Total-A | 1.00 | L.S. | 5,258,304.00 | 5,258,304.00 5,258,304.00 |
| 102 | B. Clearing and Grubbing (Including Disposal AHD = 4.00 km) Sub Total-B | 16,570.00 | sq.m. | 29.15 | 483,015.50 483,015.50 |
| 103 | C. Diversion and Care of River during Construction and Unwatering Foundation Sub Total-C | 1.00 | L.S. | 1,804,701.49 | 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 |

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| | | | | | |
|-----|---|----------|-------|------------|----------------------|
| | 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/cm2, 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 |
| 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 | 1.00 | L.S. | 283,342.50 | 283,342.50 |
| | Standpipe Piezometer | | | | |
| | 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 | 1.00 | L.S. | 386,401.06 | 386,401.06 |
| | Standpipe Piezometer | | | | |
| | 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 ² , 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 |
| 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 |
| | Sub Total-E | | | | 168,434,630.71 |
| | F. OUTLET WORKS (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 ² , Class "A" | | | | |
| | a) 211kg/cm ² , Class "A" | 2,360.00 | cu.m. | 7,976.90 | 18,825,484.00 |
| | b) 170 kg/cm ² , Class "B" | 24.00 | cu.m. | 4,585.54 | 110,052.96 |

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| | | | | | |
|-----|---|------------|--------|--------------|-----------------------|
| 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 Manhole (3.0m x 3.0m) | 1.00 | set | 42,048.13 | 42,048.13 |
| | 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 and Installation including NDT including NDT of Steel Pipes, Reducer Pipes, Flanges and other accessories to complete the works | 9,337.00 | kgs | 454.93 | 4,247,681.41 |
| 137 | Fabrication, Supply, Delivery and Installation of Gate and Butterfly Valves | | | | |
| | a) Butterfly Valve, 900mmØ with Gear Reduction w/ bypass valve | 1.00 | assy | 2,012,325.00 | 2,012,325.00 |
| | b) Gate Valve, 900mmØ with Gear Reduction w/ bypass valve | 2.00 | assy | 2,119,184.38 | 4,238,368.76 |
| | c) Dresser Coupling, 900mmØ | 1.00 | assy | 98,147.00 | 98,147.00 |
| | Sub Total-F | | | | 62,201,456.53 |
| | TOTAL | | | | 333,371,049.92 |

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

Please acknowledge receipt and facilitate compliance on our requirements.


Very truly yours,


GEN RICARDO R VISAYA (Ret)
Administrator

CONFORME:

R. D. INTERIOR JUNIOR CONSTRUCTION

By:


RICARDO D. INTERIOR JR.
Name and Signature of Authorized Representative

Date: 12-20-2019