

BIDS AND AWARDS COMMITTEE
INVITATION TO BID
No. 036-2018

The **METRO ROXAS WATER DISTRICT (MRWD)**, through its Bids and Awards Committee (BAC), invites Manufacturers/Suppliers/Distributors to apply for eligibility and to bid for the hereunder project:

Name of Project: CONTRACT FOR THE SUPPLY AND DELIVERY OF PIPES AND VARIOUS SERVICE CONNECTION MATERIALS

Location: MRWD BLDG., KM.1, ROXAS CITY

Brief Description: SUPPLY AND DELIVERY OF PIPES AND VARIOUS SERVICE CONNECTION MATERIALS FOR EXPANSION PROJECT

Approved Budget for the Contract (ABC): Php 1,018,944.00

Source of Funds: MRWD CORPORATE BUDGET FOR FISCAL YEAR 2018

Mode of Procurement: PUBLIC BIDDING

Contract Duration: THIRTY (30) CALENDAR DAYS FROM RECEIPT OF CONTRACT AND NOTICE TO PROCEED

Delivery of Goods: WITHIN THIRTY (30) CALENDAR DAYS FROM RECEIPT OF CONTRACT, PURCHASE ORDER AND NOTICE TO PROCEED

The Eligibility Check/ Screening as well as the Preliminary Examination of Bids shall use non-discretionary "pass/fail" criteria. Bid Evaluation and Post-qualification will also be conducted to determine the responsiveness of the Lowest Calculated Bidder (LCB).

All particulars relative to Eligibility Statement and Screening, Bid Security, Performance Security, Evaluation of Bids, Post-Qualification and Award of Contract shall be governed by the pertinent provisions of R.A. 9184 and its Revised Implementing Rules and Regulations (IRR).

The schedule of activities is listed, as follows:

<i>Activities</i>	<i>Schedule</i>
1. Advertisement	April 12-18, 2018
2. Issuance of the Bidding Documents	April 12 until 8:45 AM of May 3, 2018
3. Pre-bid Conference	April 19, 2018 at 9:00 AM
5. Deadline for Submission and Opening of Bids	May 3, 2018 at 9:00 AM
6. Evaluation of Bids	May 4, 2018
7. Post-qualification of Bids	May 7-8, 2018

The Bid Documents will be available to prospective Bidders from the address stated below only upon payment of a non-refundable amount of Five Thousand Pesos (Php5,000.00) per GPPB standard rates in the bidding documents. The Bidding Documents shall be received personally by the prospective Bidder or his duly authorized representative. Accreditation fee is required to interested bidder/s of a non-refundable amount of One Thousand Pesos (Php1,000.00).

It is highly recommended that interested bidder/s should attend the Pre-bid Conference in order to avail all the necessary information of the bidding at hand and be guided with the preparation of the Technical and Financial Components of the project.

Statement identifying the bidder's single largest completed contract similar to the contract to be bid. A bidder must have at least one (1) single largest contract equivalent to or at least twenty-five percent (25%) of the ABC for the last two (2) years which is similar in nature to the goods being offered.

The MRWD assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of the bid. The MRWD also reserves the right to accept or reject any bid, to declare the bidding a failure, not to award the contract, without thereby incurring any liability to the affected bidders. Furthermore, the MRWD reserves the right to waive any minor defects or informality and to accept the proposal most advantageous to the District.

All bidders are requested to download in the Philippine Government Electronic System (PhilGEPS) the invitation to bid and the bidding documents, in compliance with Section 37.1.6 of the Revised Implementing Rules and Regulations (IRR) of R.A. No. 9184 for the posting of Notice of Award.

MRWD Bids and Awards Committee



ATTY. DANTE A. ARCANGELES

Chairperson *ma*

Address: **Metro Roxas Water District**
MRWD Bldg., Km. 1, Roxas City, Capiz

Contact Person: **Marjorie A. Dela Cruz**
Head, BAC Secretariat
Tel. No. (036) 6210-737 or 6210-044 Local No. 122
TeleFax No. (036) 6217-492; 6217-382

Place(s) of Publication: PhilGEPS and MRWD Websites (<http://metroroxaswd.gov.ph>), and BAC Bulletin Board

MRWD Bids and Awards Committee

Republic of the Philippines
METRO ROXAS WATER DISTRICT
MRWD Bldg., Km. 1, Roxas City 5800, Philippines

BIDS & AWARDS COMMITTEE

Checklist of Requirements for Bidders

ELIGIBILITY & TECHNICAL REQUIREMENTS (TECHNICAL ENVELOPE), AND FINANCIAL REQUIREMENTS (FINANCIAL ENVELOPE) FOR THE PROCUREMENT OF GOODS IN ACCORDANCE TO THE REVISED IMPLEMENTING RULES AND REGULATIONS (IRR) OF R. A. 9184

Name of Project: **Contract for the Supply and Delivery of Pipes and Various Service Connection Materials**

Approved Budget for the Contract: **Php1,018,944.00**

Pre-bid Conference: **April 19, 2018 at 9:00 A.M.**

Deadline for the Submission and Opening of Bids: **May 3, 2018 at 9:00 A.M. (MRWD Bundy Clock)**

Delivery Period: **Within 30 Calendar Days from receipt of Contract, Purchase Order and Notice to Proceed**

Payment Period: **30 – 45 Calendar Days after Inspection and Final Acceptance**

First Envelope (Technical Proposal)

ELIGIBILITY REQUIREMENTS:

1. Valid Registration Certificate from Security and Exchange Commission (SEC) for corporation and partnership, Department of Trade and Industry (DTI) for sole proprietorship; Cooperative Development Authority (CDA) for cooperatives; or any proof of registration with Articles of Incorporation, Partnership, whichever is applicable and appropriate including amendments thereto, under existing laws of the Philippines;
2. Valid Mayor's Permit/Municipal License issued by the city or municipality where the principal place of business of prospective bidder is located;
3. Valid BIR Registration Certification which contains the Taxpayer's Identification Number;
4. Statement 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

Statement of the Bidder's single largest completed contract (SLCC) similar to the contract to be bid, in accordance with ITB Clause 5.4, within the relevant period as provided in the **BDS**. A bidder must have at least one (1) single largest contract equivalent to or at least twenty-five percent (25%) of the ABC for the last two (2) years which is similar in nature to the goods being offered:

The statement shall include, for each contract, the following:

- (1) name of the contract;
- (2) date of the contract;
- (3) contract duration;
- (4) owner's name and address;
- (5) kinds of Goods;
- (6) For Statement of Ongoing Contract – amount of contract and value of outstanding contracts;

- (7) For Statement of SLCC – amount of completed contracts, adjusted by the Bidder to current prices using PSA's consumer price index, if necessary for the purpose of meeting the SLCC requirement;
- (8) date of delivery; and
- (9) end user's acceptance or official receipt(s) or sales invoice issued for the contract, if completed, which shall be attached to the statements.

For the procurement of goods, a contract shall be considered "similar" to the contract to be bid if it involves Goods of the same nature and complexity as those, which are the subject of the public bidding concerned.

- 5. Audited financial statements, stamped "received" by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions, showing, among others, the prospective bidder's total and current assets and liabilities for the preceding calendar year, which should not be earlier than two (2) years from bid submission;
- 6. Net Financial Contracting Capacity (NFCC) computation which must be at least equal to the Approved Budget for the Contract (ABC) in accordance with ITB Clause 5.5 or a committed Line of Credit from a universal or commercial bank which must be at least equal to the ten percent (10%) of the ABC;
- 7. Valid Tax clearance per E.O. 398, s.2005, as finally reviewed and approved by the BIR (GPPB Res.21-203, 30 July 2013);
- 8. Valid PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or post, which shall submit their eligibility documents under Section 23.1 of the IRR, provided, that the winning bidder shall register with the PhilGEPS in accordance with Section 37.1.4 of the IRR;
- 9. If applicable, the JVA, in case the joint venture is already in existence, or duly notarized statements from all the potential joint venture partners in accordance with Section 23.1 (b) of the IRR;

Technical Requirements:

- 10. Bid Security in accordance with ITB Clause 18. Bidders may submit the **Bid Securing Declaration (BSD)** or any bid security acceptable forms in the Bidding Documents the amount of which shall be not less than the percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security (Equal to Percentage of the ABC)
Cash or cashier's/manager's check issued by a Universal or Commercial Bank;	Two percent (2%) = Php20,378.88
Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank;	
Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security;	Five percent (5%) = Php50,947.20

- 11. Conformity with the technical specification as enumerated and Specified in Section VI (Schedule of Requirements) and Section VII (Technical Specifications) of the bidding documents;

12. Duly Notarized Omnibus Sworn Statement in accordance with Section 25.3 of the Revised IRR of RA 9184 and using the form prescribed in Section VIII. Bidding Forms;
13. Duly Notarized Authority of the Signatory:
 - a.) For Sole Proprietorship- "Special Power of Attorney" issued by the proprietor granting full power and authority to do, execute and perform any and all acts necessary for the bidding at hand;
 - b.) For Corporation, Cooperative, or Joint Venture- "Secretary's Certificate" issued by the Corporate Secretary indicating the Board Resolution No. - if any, granting full power and authority to do, execute and perform any and all acts necessary for the bidding at hand; or
 - c.) For Partnership - a "Joint Special Power of Attorney (SPA)" issued by concerned Partners granting full power and authority to do, execute and perform any and all acts necessary for the bidding at hand.
14. Duly signed Production/ Delivery schedule indicating its commitment to deliver the Goods within 30 calendar days from receipt of Contract, Purchase Order and Notice to Proceed;
15. Duly signed Technical Offer with the following complete data: item number, unit, item description, quantity, remarks (Complying or non-complying), reference/brand/manufacturer's name of the Goods offered, printed name and signature of the authorized signatory and its designation;
16. Permit to operate as manufacturer of the Goods being offered or in case of Dealer/Distributor, Dealership/ Distributorship Certificate issued by the Manufacturer of the Goods being offered with contact number and contact person written in English;
17. Brochures and or Shop Drawings of all the items stipulated under Section VI (Schedule of Requirements) of the bidding documents;
18. For foreign bidders claiming eligibility by reason of their country's extension of reciprocal rights to Filipinos, a certification from the relevant government office of their country stating that Filipinos are allowed to participate in their government procurement activities for the same item or product.
19. Certification from the bidder stating the fact that it has no delinquent delivery from Metro Roxas Water District until the bid opening.

Second Envelope (Financial Proposal)

1. Duly signed Financial Proposal Form with the following data:
 1. Supplier's/ Company's name;
 2. Address of the company or office address;
 3. Date;
 4. Unit Price for each item;
 5. Total Price per item;
 6. Total Bid Proposal in figure;
 7. Amount in words of the Total Bid Financial Proposal;
 8. Supplier's name
 9. Supplier's signature over printed name
 10. Designation in the company of the signatory;

11. Tax Identification Number (TIN)
12. Date signed; and Telephone or Fax No.

2. Duly signed Bid Form.

Note:

1. *The Checklist of Requirements for Bidders shall form part of the bidding documents. Any discrepancy among the list of requirements indicated in Section II of the bidding documents and the Checklist of Requirements for Bidder's, the latter shall prevail.*
2. *Participating bidders are required to use/follow the prescribed forms issued upon purchase of the bidding documents.*
3. *Bidders must submit one (1) original copy and three (3) signed copies by the bidder or its duly authorized representative/s for each of the required documents.*

For the information and guidance of all concerned.

Approved by:

ATTY. DANTE A. ARCANGELES

Chairperson *gna*
Bids and Awards Committee

PURCHASE REQUEST
METRO ROXAS WATER DISTRICT

3-6-18

Annex A - 4

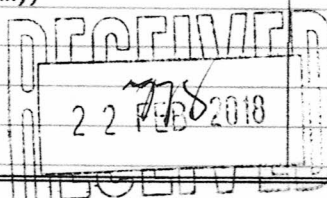
Department: Engineering
Division: Const. & Maint.

PR No.: 18-02-090
Date: 22 FEB 2018

Stock Number	Unit	Item Description	QNTY	Estimated Unit Cost	Estimated Total Cost
Brass Fittings					
1	pc.	Brass Comb. Corp. Stopcock 1" (flared type)	65	1,068.00	69,420.00
2	pc.	Brass St. Coupling 1" (flared type)	65	484.00	31,460.00
3	pc.	Brass Hose Angle Valve 2"	6	3,099.00	18,594.00
4	pc.	Brass Ball Valve with lockwing 1/2"	40	240.00	9,600.00
5	pc.	Brass Ball Gate Valve 1"	73	555.00	40,515.00
					169,589.00
Malleable Iron Pipe Fittings (Heavy Duty)					
6	pc.	G.I. Cross Tee 1" (Heavy Duty)	145	244.00	35,380.00
7	pc.	G.I. Elbow 1" x 90° (Heavy Duty)	145	69.00	10,005.00
8	pc.	G.I. Tee 1" (Heavy Duty)	190	95.00	18,050.00
9	pc.	G.I. St. Elbow 1/2" (Heavy Duty)	36	32.00	1,152.00
10	pc.	G.I. St. Elbow 2" (Heavy Duty)	6	300.00	1,800.00
11	pc.	G.I. Bushing 1" x 3/4" (Heavy Duty)	230	44.00	10,120.00
12	pc.	G.I. Coupling 1/2" (Heavy Duty)	40	25.00	1,000.00
13	pc.	G.I. Union patente 1/2" (Heavy Duty)	40	85.00	3,400.00
14	pc.	G.I. Nipple 1" x 3" (Heavy Duty)	212	56.00	11,872.00
15	pc.	G.I. Nipple 1" x 5" (Heavy Duty)	185	100.00	18,500.00
16	pc.	G.I. Riser 1.2 meter x 2" ASTM SCH 40 (Heavy Duty)	6	160.00	960.00
					112,239.00
PVC Pipes					
17	pc.	50mm Ø x 6m PVC Pipe C-150	240	878.00	210,720.00
18	pc.	100mm Ø x 6m PVC Pipe C-150	119	1,818.00	216,342.00
19	roll	H.D.P.E. Tubing 1" SDR-11 CTS (90m/roll)	8	4,500.00	36,000.00
20	roll	H.D.P.E. Tubing 1/2" SDR-9 CTS (300m/roll)	1	5,000.00	5,000.00
21	roll	Warning Tape	2364	15.00	35,460.00
					503,522.00
PTFE THREAD SEALTAPE (High Quality)					
22	pc.	Tapelontape (0.075mm x 12mm (1/2") x 10 meters)	770	20.00	15,400.00
					15,400.00

THIS IS TO CERTIFY THAT THE
ITEMS STATED ABOVE ARE INCLUDED
IN THE APP OF THIS OFFICE.

SHAMMAH B. VITO
SUPERVISING PROCUREMENT OFFICER



Purpose: CAPEX - Trans and Dist. Mains. Distribution Lines Expansions on Unserve Areas

254.IV.C / PFRS ACCN# 10603110 J





Requested By:	Recommending Approval:	Noted By:	Approved By:
Signature: <u>Engr. Riann B. Brillo</u>	Signature: <u>Engr. Lizalyn B. Baylon</u>	Signature: <u>Engr. Manuel B. Salazar</u>	Signature: <u>Engr. Gonzalo Glen B. Delgado</u>
Name: <u>Supervising Engr A</u>	Name: <u>Division Manager</u>	Name: <u>OIC - Department Mngr.</u>	Name: <u>General Manager</u>
Designation: <u>Const. and Maint.</u>	Designation: <u>Const. and Maint.</u>	Designation: <u>Eng'g and Operation Dept.</u>	Designation: <u>General Manager</u>

157 000 157 3 15 15

18-02-29

Total:	P1,018,944.00
--------	---------------

254.IV.C

Requested by:	Recommending Authority	Noted By:	Approved By:
Signature: 			
Name: Engr. Riddh B. Brillo	Engr. Lizalyn B. Baylon	Engr. Manuel B. Salazar	Engr. Gonzalo Glen B. Delgado
Designation: Supervising Engr A	Division Manager	OIC - Department Mngr.	General Manager
Const. and Maint.	Const. and Maint.	Eng'g and Operation Dept.	

Item Description		Quantity	Unit	Estimated Cost	Actual Cost
1	Water Resources	1	Unit	1,000,000.00	1,110,000.00
2	Water Resources	1	Unit	1,000,000.00	2,600,000.00
3	Water Resources	1	Unit	600,000.00	
4	Water Resources	1	Unit	1,000,000.00	
5	Water Resources	1	Unit	600,000.00	
6	Water Resources	1	Unit	1,200,000.00	
7	Water Resources	1	Unit	500,000.00	
8	Water Resources	1	Unit	600,000.00	
9	Water Resources	1	Unit	100,000.00	
10	Water Resources	1	Unit	1,000,000.00	
11	Water Resources	1	Unit	250,000.00	5,850,000.00
12	Water Resources	1	Unit	2,046,431.57	
13	Water Resources	1	Unit	700,000.00	
14	Water Resources	1	Unit	1,600,000.00	
15	Water Resources	1	Unit	1,952,000.00	
16	Water Resources	1	Unit	1,347,873.00	
17	Water Resources	1	Unit	400,000.00	
18	Water Resources	1	Unit	38,000,000.00	48,046,304.57
19	Water Resources	1	Unit	3,500,000.00	
20	Water Resources	1	Unit	9,917,000.00	9,917,000.00
21	Water Resources	1	Unit	100,831,368.57	100,831,368.57

Reviewed by:

Checked by:

Approved by:

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

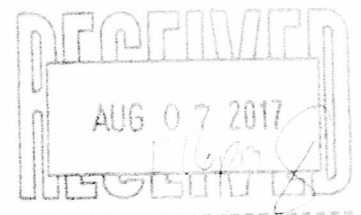
JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

JOSE L. JAVIERA

Republic of the Philippines
METRO ROXAS WATER DISTRICT
MRWD Bldg., Km 1, Roxas City 5800, Philippines
Tel # (036) 6210-737/6210-044 Telefax (036) 6210-737



August 3, 2017

Program of Works for the Proposed Upgrading of MRWD Pipelines for 2017
✓Barangay Punta Tabuc, Roxas City
Office Estimate

I GENERAL REQUIREMENTS
1 PERMITS AND LICENSES

No.	Item	Unit	Quantity	Unit Price Php	Amount Php
1	Concrete Cutting, Breaking & Excavation Permit	lot	1.00	5,000.00	5,000.00
2	COA Sign Board	pc	1.00	5,000.00	5,000.00
Sub-total of 1.PERMITS AND LICENSES				Php	10,000.00

II PIPELINES and RELATED WORKS

No.	Item	Unit	Quantity	Unit Price Php	Amount Php
1	100mmØx6.0m PVC Pipeline C-150	pc	35.00	3,000.00	105,000.00
2	Warning Tape (Water Lines)	lm	210.00	15.00	3,150.00
3	Sand	cum	60.00	550.00	33,000.00
4	100mmØ C/DI Sleeve Type Coupling	set	1.00	4,000.00	4,000.00
5	100mmØ x 100mmØ C/DI Tee M/F with BNG	set	1.00	6,000.00	6,000.00
6	100mmØ x 45° C/DI Elbow M/F with BNG	set	1.00	5,000.00	5,000.00
7	100mmØ C/DI Gate Valve F/M with BNG	set	1.00	10,000.00	10,000.00
8	100mmØ x 50mmØ C/DI Reducer M/F with BNG	set	1.00	3,000.00	3,000.00
9	50mmØ x 50mmØ C/DI Tee M/F with BNG	set	1.00	4,000.00	4,000.00
10	50mmØ C/DI Sleeve Type Coupling	set	1.00	3,000.00	3,000.00
11	50mmØ C/DI Sleeve Type Coupling	set	1.00	3,000.00	3,000.00
12	50mmØ x 50mmØ C/DI Tee M/F with BNG	set	1.00	4,000.00	4,000.00
13	50mmØ C/DI Gate Valve F/F with BNG	set	1.00	4,000.00	4,000.00
14	50mmØ Steel Ring Flange	set	2.00	500.00	1,000.00
15	50mmØ x 6m GI Pipe ASTM Standard Sch. 40	pc	1.00	2,000.00	2,000.00
16	50mmØ x 90° GI Elbow Heavy Duty	pc	4.00	300.00	1,200.00
17	50mmØ x 50mmØ GI Cross Tee	pc	4.00	500.00	2,000.00
18	13mmØ x 6m Galvanized Iron Pipe Scheduled 40	pc	1.00	1,000.00	1,000.00
19	100mmØ C/DI Sleeve Type Coupling	set	1.00	4,000.00	4,000.00
20	100mmØ x 50mmØ C/DI Tee Reducer M/F with BNG	set	1.00	4,000.00	4,000.00
21	50mmØ C/DI Gate Valve F/F with BNG	set	1.00	4,000.00	4,000.00
22	50mmØ Steel Ring Flange	set	2.00	500.00	1,000.00
23	50mmØ x 6m GI Pipe ASTM Standard Sch. 40	pc	1.00	2,000.00	2,000.00
24	50mmØ x 90° GI Elbow Heavy Duty	set	4.00	300.00	1,200.00
25	50mmØ x 50mmØ GI Cross Tee	pc	4.00	500.00	2,000.00
26	13mmØ x 6m Galvanized Iron Pipe Scheduled 40	pc	1.00	1,000.00	1,000.00
27	P.E Tubing SDR-9 ISO 1/2"Øx300m	rl	3.00	5,000.00	15,000.00

No.	Item	Unit	Quantity	Unit Price Php	Amount Php
28	Brass Ball Valve with Lockwing 1/2"	pc	40.00	240.00	9,600.00
29	G.I. Bushing 1"Ø x 3/4"	pc	40.00	45.00	1,800.00
30	G.I. Bushing 2"Ø x 1"	pc	4.00	80.00	320.00
31	G.I. Coupling 1/2" H.D.	pc	40.00	25.00	1,000.00
32	G.I. Cross Tee 1" H.D.	pc	8.00	220.00	1,760.00
33	G.I. Elbow 1"Ø x 90° (H.D.)	pc	8.00	70.00	560.00
34	G.I. Nipple 1 x 2 Sch.40	pc	8.00	40.00	320.00
35	G.I. Nipple 1"Ø x 4"	pc	32.00	65.00	2,080.00
36	G.I. Nipple 1"Ø x 3"	pc	32.00	50.00	1,600.00
37	G.I. St. Elbow 1/2"Ø x 90° H.D.	pc	36.00	32.00	1,152.00
38	G.I. Tee 1"Ø x 1" H.D.	pc	40.00	90.00	3,600.00
39	G.I. Union Patente 1/2"	pc	40.00	85.00	3,400.00
40	Tapelon Tape 1/2"	rls	40.00	14.00	560.00
41	Welding Rod	kg	10.00	120.00	1,200.00
42	Acetylene and Oxygen	trnk	1.00	2,500.00	2,500.00
Materials					260,002.00
Labor					111,429.43
Sub-total of II PIPELINES and RELATED WORKS					371,431.43

Grand-Total	Php	381,431.43
Contingency for Price Escalation	Php	38,143.14
Total Project Cost	Php	419,574.57

Prepared by:

FRANCIS C. JOCSON
Senior Project Planning and
Development Officer
Planning and Design Division

Submitted by:

MANUEL B. SALAZAR
Division Manager B
Planning and Design Division

Submitted by:

GONZALO GLEN B. DELGADO
General Manager B

Republic of the Philippines
METRO ROXAS WATER DISTRICT
 MRWD Bldg., km. 1, Roxas City 5800, Philippines
 Tel no. (036) 6210-737/6210-044 Telefax (036) 6210-737

Program of Works

Proposed Expansion Project to Sitio Bugasungan, Brgy. Cabugao Roxas City ✓

I. PIPELINES and RELATED WORKS

1.1 Pipe laying

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ PVC pipe C-150	pcs	35	878.00	30,730.00
2	150mmØ x 50mmØ C.I. Tee M/M	pc	1	5,178.00	5,178.00
3	50mmØ Gate Valve M/M	pc	1	5,692.00	5,692.00
4	150mmØ Dresser Coupling	pc	1	3,800.00	3,800.00
(sub-total pipe laying)					45,400.00

1.2 Assemblies

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ Brass Hose Angle Valve	pc	1	3,099.00	3,099.00
2	50mmØ x 1.2m G.I. pipe riser Schedule 40 ASTM	pc	1	1,600.00	1,600.00
3	50mmØ C.I. Adaptor M/F	pc	1	1,700.00	1,700.00
4	50mmØ Gate Valve F/F	pc	1	4,891.00	4,891.00
5	50mmØ Companion Flange w/ thread	pc	1	865.00	865.00
6	6" Valve Box Cover HDPE	pcs	2	1,500.00	3,000.00
7	50mmØ G.I. St Elbow Heavy Duty	pc	1	300.00	300.00
(sub-total assemblies)					15,455.00

1.3 Clustering activities

No.	Item Description	Unit	Qty	Unit Price	Amount
1	2"x 1" Plastic Saddle Clamp Double Clip Type	pcs	8	220.00	1,760.00
2	1" Ø Brass Corporation Stopcock F.T.	pcs	8	1,068.00	8,544.00
3	1" Ø Brass St. Coupling F.T.	pcs	8	484.00	3,872.00
4	HDPE (P.E. Tubing 1"Ø SDR-11, 90m/roll F.T CTS)	rolls	1	4,500.00	4,500.00
5	1"x 90° G.I. Elbow (Heavy duty)	pcs	20	69.00	1,380.00
6	1"x 1" G.I. Cross Tee (Heavy duty)	pcs	20	244.00	4,880.00
7	1"x 1" G.I. Tee (Heavy duty)	pcs	20	95.00	1,900.00
8	1" Brass Gate Valve (Heavy duty)	pcs	8	555.00	4,440.00
9	1"x 3" G.I. Nipple (Heavy duty)	pcs	25	56.00	1,400.00
10	1"x 5" G.I. Nipple (Heavy duty)	pcs	25	100.00	2,500.00
11	1" x 3/4" G.I. Bushing (Heavy duty)	pcs	20	44.00	880.00
12	Teflon	pcs	100	13.00	1,300.00
(sub-total Clustering)					37,356.00

Total for materials Php **98,211.00**

II. LABOR COST

Labor component Php **34,373.85**

Overhead, Contingencies, Mark-up Php **4,910.55**

Total Cost (Materials Cost + Labor Cost + O.C.M.) Php **137,495.40**

Prepared By:

Engr. Riann B. Brillo
 Supervising Engineer - A

Recommending for Approval:

Engr. Vincent I. Villasis
 Division Manager CMD

Approved By:

Engr. Gonzalo Glen B. Delgado
 General Manager

Republic of the Philippines
METRO ROXAS WATER DISTRICT
 MRWD Bldg., km. 1, Roxas City 5800, Philippines
 Tel no. (036) 6210-737/6210-044 Telefax (036) 6210-737

Program of Works

Proposed Expansion Project to Sitio Arocera, Brgy. Banica, Roxas City ✓

I. PIPELINES and RELATED WORKS

1.1 Pipe laying

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ PVC pipe C-150	pcs	75	878.00	65,850.00
2	50mmØ x 50mmØ C.I. Tee M/M	pc	1	2,252.00	2,252.00
3	50mmØ Gate Valve M/M	pc	1	5,692.00	5,692.00
4	50mmØ Dresser Coupling	pc	1	1,250.00	1,250.00
(sub-total pipe laying)					75,044.00

1.2 Assemblies

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ Brass Hose Angle Valve	pc	1	3,099.00	3,099.00
2	50mmØ x 1.2m G.I. pipe riser Schedule 40 ASTM	pc	1	1,600.00	1,600.00
3	50mmØ C.I. Adaptor M/F	pc	1	1,700.00	1,700.00
4	50mmØ Gate Valve F/F	pc	1	4,891.00	4,891.00
5	50mmØ Companion Flange w/ thread	pc	1	865.00	865.00
6	6" Valve Box Cover HDPE	pcs	2	1,500.00	3,000.00
7	50mmØ G.I. St Elbow Heavy Duty	pc	1	300.00	300.00
(sub-total assemblies)					15,455.00

1.3 Clustering activities

No.	Item Description	Unit	Qty	Unit Price	Amount
1	2"x 1" Plastic Saddle Clamp Double Clip Type	pcs	8	220.00	1,760.00
2	1" Ø Brass Corporation Stopcock F.T.	pcs	8	1,068.00	8,544.00
3	1" Ø Brass St. Coupling F.T.	pcs	8	484.00	3,872.00
4	HDPE (P.E. Tubing 1"Ø SDR-11, 90m/roll F.T CTS)	rolls	1	4,500.00	4,500.00
5	1"x 90° G.I. Elbow (Heavy duty)	pcs	20	69.00	1,380.00
6	1"x 1" G.I. Cross Tee (Heavy duty)	pcs	20	244.00	4,880.00
7	1"x 1" G.I. Tee (Heavy duty)	pcs	20	95.00	1,900.00
8	1" Brass Gate Valve (Heavy duty)	pcs	8	555.00	4,440.00
9	1"x 3" G.I. Nipple (Heavy duty)	pcs	25	56.00	1,400.00
10	1"x 5" G.I. Nipple (Heavy duty)	pcs	25	100.00	2,500.00
11	1" x 3/4" G.I. Bushing (Heavy duty)	pcs	20	44.00	880.00
12	Teflon	pcs	100	13.00	1,300.00
(sub-total Clustering)					37,356.00

Total for materials Php **127,855.00**

II. LABOR COST

Labor component Php **44,749.25**

Overhead, Contingencies, Mark-up Php **6,392.75**

Total Cost (Materials Cost + Labor Cost + O.C.M.) Php **178,997.00**

Prepared By:

Engr. Riann B. Brillo
 Supervising Engineer - A

Recommending for Approval:

Engr. Vincent I. Villasis
 Division Manager CMD

Approved By:

Engr. Gonzalo Glen B. Delgado
 General Manager

Republic of the Philippines
METRO ROXAS WATER DISTRICT
 MRWD Bldg., km. 1, Roxas City 5800, Philippines
 Tel no. (036) 6210-737/6210-044 Telefax (036) 6210-737

Program of Works

Proposed Expansion Project to CRC Compound, Brgy. Lawaan, Roxas City

I. PIPELINES and RELATED WORKS

1.1 Pipe laying

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ PVC pipe C-150	pcs	20	878.00	17,560.00
2	50mmØ Gate Valve M/M	pc	1	5,692.00	5,692.00
(sub-total pipe laying)					23,252.00

1.2 Assemblies

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ Brass Hose Angle Valve	pc	1	3,099.00	3,099.00
2	50mmØx 1.2m G.I. pipe riser Schedule 40 ASTM	pc	1	1,600.00	1,600.00
3	50mmØ C.I. Adaptor M/F	pc	1	1,700.00	1,700.00
4	50mmØ Gate Valve F/F	pc	1	4,891.00	4,891.00
5	50mmØ Companion Flange w/ thread	pc	1	865.00	865.00
6	6" Valve Box Cover HDPE	pcs	2	1,500.00	3,000.00
7	50mmØ G.I. St Elbow Heavy Duty	pc	1	300.00	300.00
(sub-total assemblies)					15,455.00

1.3 Clustering activities

No.	Item Description	Unit	Qty	Unit Price	Amount
1	2"x 1" Plastic Saddle Clamp Double Clip Type	pcs	5	220.00	1,100.00
2	1" Ø Brass Corporation Stopcock F.T.	pcs	5	1,068.00	5,340.00
3	1" Ø Brass St. Coupling F.T.	pcs	5	484.00	2,420.00
4	HDPE (P.E. Tubing 1"Ø SDR-11, 90m/roll F.T CTS)	rolls	1	4,500.00	4,500.00
5	1"x 90° G.I. Elbow (Heavy duty)	pcs	15	69.00	1,035.00
6	1"x 1" G.I. Cross Tee (Heavy duty)	pcs	15	244.00	3,660.00
7	1"x 1" G.I. Tee (Heavy duty)	pcs	20	95.00	1,900.00
8	1" Brass Gate Valve (Heavy duty)	pcs	8	555.00	4,440.00
9	1"x 3" G.I. Nipple (Heavy duty)	pcs	20	56.00	1,120.00
10	1"x 5" G.I. Nipple (Heavy duty)	pcs	20	100.00	2,000.00
11	1" x 3/4" G.I. Bushing (Heavy duty)	pcs	20	44.00	880.00
12	Teflon	pcs	50	13.00	650.00
(sub-total Clustering)					29,045.00

Total for materials Php **67,752.00**

II. LABOR COST

Labor component Php **23,713.20**
 Overhead, Contingencies, Mark-up Php **3,387.60**
Total Cost (Materials Cost + Labor Cost + O.C.M.) Php 94,852.80

Prepared By:

Engr. Riann B. Brillo
 Supervising Engineer - A

Recommending for Approval:

Engr. Vincent I. Villasis
 Division Manager CMD

Approved By:

Engr. Gonzalo Glen B. Delgado
 General Manager

Program of Works

Proposed Expansion Project to Our Lady of Fatima, Bolo HOA, Bolo, Roxas City

I. PIPELINES and RELATED WORKS

1.1 Pipe laying

No.	Item Description	Unit	Qty	Unit Price	Amount
1	100mmØ PVC pipe C-150	pcs	84	1,818.00	152,712.00
2	250mmØ x 100mmØ C.I. Tee M/M	pc	1	10,063.00	10,063.00
3	100mmØ Gate Valve M/M	pc	1	10,196.00	10,196.00
4	100mmØ x 50mmØ C.I. Tee M/M	pc	1	4,743.00	4,743.00
5	250mmØ Dresser Coupling	pc	1	5,675.00	5,675.00
(sub-total pipe laying)					183,389.00

1.2 Assemblies

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ Brass Hose Angle Valve	pc	1	3,099.00	3,099.00
2	50mmØx 1.2m G.I. pipe riser Schedule 40 ASTM	pc	1	1,600.00	1,600.00
3	50mmØ C.I. Adaptor M/F	pc	1	1,700.00	1,700.00
4	50mmØ Gate Valve F/F	pc	1	4,891.00	4,891.00
5	50mmØ Companion Flange w/ thread	pc	1	865.00	865.00
6	6" Valve Box Cover HDPE	pcs	2	1,500.00	3,000.00
7	50mmØ G.I. St Elbow Heavy Duty	pc	1	300.00	300.00
(sub-total assemblies)					15,455.00

1.3 Clustering activities

No.	Item Description	Unit	Qty	Unit Price	Amount
1	4"x 1" Plastic Saddle Clamp Double Clip Type	pcs	18	344.00	6,192.00
2	1" Ø Brass Corporation Stopcock F.T.	pcs	18	1,068.00	19,224.00
3	1" Ø Brass St. Coupling F.T.	pcs	18	484.00	8,712.00
4	HDPE (P.E. Tubing 1"Ø SDR-11, 90m/roll F.T CTS)	rolls	2	4,500.00	9,000.00
5	1"x 90° G.I. Elbow (Heavy duty)	pcs	50	69.00	3,450.00
6	1"x 1" G.I. Cross Tee (Heavy duty)	pcs	50	244.00	12,200.00
7	1"x 1" G.I. Tee (Heavy duty)	pcs	50	95.00	4,750.00
8	1" Brass Gate Valve (Heavy duty)	pcs	20	555.00	11,100.00
9	1"x 3" G.I. Nipple (Heavy duty)	pcs	45	56.00	2,520.00
10	1"x 5" G.I. Nipple (Heavy duty)	pcs	50	100.00	5,000.00
11	1" x 3/4" G.I. Bushing (Heavy duty)	pcs	70	44.00	3,080.00
12	Teflon	pcs	200	13.00	2,600.00
(sub-total Clustering)					87,828.00

Total for materials Php **286,672.00**

II. LABOR COST

Labor component Php **100,335.20**

Overhead, Contingencies, Mark-up Php **14,333.60**

Total Cost (Materials Cost + Labor Cost + O.C.M.) Php 401,340.80

Prepared By:

Engr. Riann B. Brillo
 Supervising Engineer - A

Recommending for Approval:

Engr. Vincent I. Villasis
 Division Manager CMD

Approved By:

Engr. Gonzalo Glen B. Delgado
 General Manager

Program of Works
 Proposed Expansion Project to Agkilo, Panitan, Capiz

I. PIPELINES and RELATED WORKS

1.1 Pipe laying

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ PVC pipe C-150	pcs	75	878.00	65,850.00
2	100mmØ x 50mmØ C.I. Tee M/M	pc	1	4,743.00	4,743.00
3	50mmØ Gate Valve M/M	pc	1	5,692.00	5,692.00
4	100mmØ Dresser Coupling	pc	1	2,500.00	2,500.00
(sub-total pipe laying)					78,785.00

1.2 Assemblies

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ Brass Hose Angle Valve	pc	1	3,099.00	3,099.00
2	50mmØ x 1.2m G.I. pipe riser Schedule 40 ASTM	pc	1	1,600.00	1,600.00
3	50mmØ C.I. Adaptor M/F	pc	1	1,700.00	1,700.00
4	50mmØ Gate Valve F/F	pc	1	4,891.00	4,891.00
5	50mmØ Companion Flange w/ thread	pc	1	865.00	865.00
6	50mmØ Companion Flange w/ thread	pcs	2	1,500.00	3,000.00
7	6" Valve Box Cover HDPE	pc	1	300.00	300.00
7	50mmØ G.I. St Elbow Heavy Duty	pc	1	300.00	300.00
(sub-total assemblies)					15,455.00

1.3 Clustering activities

No.	Item Description	Unit	Qty	Unit Price	Amount
1	2"x 1" Plastic Saddle Clamp Double Clip Type	pcs	18	220.00	3,960.00
2	1" Ø Brass Corporation Stopcock F.T.	pcs	18	1,068.00	19,224.00
3	1" Ø Brass St. Coupling F.T.	pcs	18	484.00	8,712.00
4	HDPE (P.E. Tubing 1"Ø SDR-11, 90m/roll F.T CTS)	rolls	2	4,500.00	9,000.00
5	1"x 90° G.I. Elbow (Heavy duty)	pcs	20	69.00	1,380.00
6	1"x 1" G.I. Cross Tee (Heavy duty)	pcs	20	244.00	4,880.00
7	1"x 1" G.I. Tee (Heavy duty)	pcs	20	95.00	1,900.00
8	1"x 1" G.I. Tee (Heavy duty)	pcs	18	555.00	9,990.00
9	1" Brass Gate Valve (Heavy duty)	pcs	40	56.00	2,240.00
10	1"x 3" G.I. Nipple (Heavy duty)	pcs	40	100.00	4,000.00
11	1"x 5" G.I. Nipple (Heavy duty)	pcs	40	44.00	1,760.00
12	1" x 3/4" G.I. Bushing (Heavy duty)	pcs	40	44.00	1,760.00
12	Teflon	pcs	180	13.00	2,340.00
(sub-total Clustering)					69,386.00

Total for materials Php **163,626.00**

II. LABOR COST

Labor component Php **57,269.10**
 Overhead, Contingencies, Mark-up Php **8,181.30**
Total Cost (Materials Cost + Labor Cost + O.C.M.) **Php 229,076.40**

Prepared By:

Engr. Riann B. Brillo
 Supervising Engineer - A

Approved By:

Engr. Gonzalo Glen B. Delgado
 General Manager

Recommending for Approval:

Engr. Vincent I. Villasis
 Division Manager CMD

Republic of the Philippines
METRO ROXAS WATER DISTRICT
 MRWD Bldg., km. 1, Roxas City 5800, Philippines
 Tel no. (036) 6210-737/6210-044 Telefax (036) 6210-737

Program of Works

Proposed Expansion Project to Belo Village, Panitan, Capiz

I. PIPELINES and RELATED WORKS

1.1 Pipe laying

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ PVC pipe C-150	pcs	35	878.00	30,730.00
2	100mmØ x 50mmØ C.I. Tee M/M	pc	1	4,743.00	4,743.00
3	50mmØ Gate Valve M/M	pc	1	5,692.00	5,692.00
4	100mmØ Dresser Coupling	pc	1	2,500.00	2,500.00
(sub-total pipe laying)					43,665.00

1.2 Assemblies

No.	Item Description	Unit	Qty	Unit Price	Amount
1	50mmØ Brass Hose Angle Valve	pc	1	3,099.00	3,099.00
2	50mmØ x 1.2m G.I. pipe riser Schedule 40 ASTM	pc	1	1,600.00	1,600.00
3	50mmØ C.I. Adaptor M/F	pc	1	1,700.00	1,700.00
4	50mmØ Gate Valve F/F	pc	1	4,891.00	4,891.00
5	50mmØ Companion Flange w/ thread	pc	1	865.00	865.00
6	6" Valve Box Cover HDPE	pcs	2	1,500.00	3,000.00
7	50mmØ G.I. St Elbow Heavy Duty	pc	1	300.00	300.00
(sub-total assemblies)					15,455.00

1.3 Clustering activities

No.	Item Description	Unit	Qty	Unit Price	Amount
1	2"x 1" Plastic Saddle Clamp Double Clip Type	pcs	8	220.00	1,760.00
2	1" Ø Brass Corporation Stopcock F.T.	pcs	8	1,068.00	8,544.00
3	1" Ø Brass St. Coupling F.T.	pcs	8	484.00	3,872.00
4	HDPE (P.E. Tubing 1"Ø SDR-11, 90m/roll F.T CTS)	rolls	1	4,500.00	4,500.00
5	1"x 90° G.I. Elbow (Heavy duty)	pcs	20	69.00	1,380.00
6	1"x 1" G.I. Cross Tee (Heavy duty)	pcs	20	244.00	4,880.00
7	1"x 1" G.I. Tee (Heavy duty)	pcs	20	95.00	1,900.00
8	1" Brass Gate Valve (Heavy duty)	pcs	8	555.00	4,440.00
9	1"x 3" G.I. Nipple (Heavy duty)	pcs	25	56.00	1,400.00
10	1"x 5" G.I. Nipple (Heavy duty)	pcs	25	100.00	2,500.00
11	1" x 3/4" G.I. Bushing (Heavy duty)	pcs	20	44.00	880.00
12	Teflon	pcs	100	13.00	1,300.00
(sub-total Clustering)					37,356.00

Total for materials Php **96,476.00**

II. LABOR COST

Labor component Php **33,766.60**
 Overhead, Contingencies, Mark-up Php **4,823.80**
Total Cost (Materials Cost + Labor Cost + O.C.M.) Php **135,066.40**

Prepared By:

Engr. Riann B. Brillo
 Supervising Engineer - A

Approved By:

Engr. Gonzalo Glen B. Delgado
 General Manager

Recommending for Approval:

Engr. Vincent I. Villasis
 Division Manager CMD