

Bill of Quantities

Name and Location of Contract: Development & Expansion of Municipal Water System in Brgys. Mangaco, San Roque & Palanas		Bill of Quantities			
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
From the source at Sitio Cangmongco, Mangaco to the existing RC Reservoir 1,830.0 L.M. at Brgy. Calabawan					
I	RC WATER SPRING BOX (1UNIT AT 1.0 CU.M.)				
	A. Materials				
	1. Portland Cement	bags	10		
	2. Sand (washed)	cu.m.	1.0		
	3. Gravel (crushed)	cu.m.	1.0		
	4. 12mmØ x 6.0m Def. Bar	lgths	25		
	5. No. 16 G.I. Tie Wire	kgs	5		
	COST FOR MATERIALS	-----			Php
	B. Labor				
	1 - Foreman	days	5		
	1 - Carpenter/Mason	days	5		
	1 - Laborer	days	5		
	COST FOR LABOR	-----			Php
	SUB-TOTAL ITEM I				Php
	OCM (15% of EDC)	-----			
	PROFIT (10% of EDC)	-----			
	VAT (5% of the sum of the EDC, OCM & Profit)	-----			
	TOTAL COST FOR ITEM I	-----			
	UNIT COST	-----			Php
II	PIPE LAYING & INSTALLATION				
	A. Materials				
	1. 50mmØ (2") x 6.0m G.I. Pipe Sched. 40	lgths	305		
	2. 50mmØ (2") G.I. Union (patente)	pcs	60		
	3. 50mmØ (2") G.I. Coupling	pcs	245		
	4. 50mmØ (2") G.I. Tee	pcs	4		
	5. 50mmØ (2") G.I. Gate Valve - Thread Type	pcs	4		
	6. 25mmØ (1") Air Vacuum/Air Release Valve	pcs	2		
	7. 50mmØ (2") x 25mm Ø (1") G.I. Bushing Reducer	pcs	2		
	8. Teflon tape No. 1"	rolls	100		
	COST FOR MATERIALS	-----			Php
	B. Labor				
	1 - Foreman	days	35		
	10 - Plumbers	days	35		
	5 - Laborers	days	35		
	COST FOR LABOR	-----			Php

		SUB-TOTAL ITEM II						Php
		OCM (15% of EDC)		-----				
		PROFIT (10% of EDC)		-----				
		VAT (5% of the sum of the EDC, OCM & Profit)		-----				
		TOTAL COST FOR ITEM II		-----				
		UNIT COST		-----				Php
		From the existing distribution pipelines at RC Reservoir to Sitio Bungtod, San Roque 1,410.0 L.M.						
II		PIPE LAYING & INSTALLATION						
		A. Materials						
		1. 50mmØ (2") x 6.0m G.I. Pipe Sched. 40	lgths	235				
		2. 50mmØ (2") G.I. Union (patente)	pcs	47				
		3. 50mmØ (2") G.I. Coupling	pcs	188				
		4. 50mmØ (2") G.I. Tee	pcs	2				
		5. 50mmØ (2") G.I. Gate Valve - Thread Type	pcs	2				
		6. 25mmØ (1") Air Vacuum/Air Release Valve	pc	1				
		7. 50mmØ (2") x 25mm Ø (1") G.I. Bushing Reducer	pcs	3				
		8. 25mmØ (1") G.I. Tee	pcs	3				
		9. 25mmØ (1") G.I. Elbow 90 deg.	pcs	6				
		10. 25mmØ (1") Ball Valve	pcs	3				
		11. Teflon tape No. 1"	rolls	100				
		COST FOR MATERIALS		-----				Php
		B. Labor						
		1 - Foreman	days	25				
		10 - Plumbers	days	25				
		5 - Laborers	days	25				
		COST FOR LABOR		-----				Php
		SUB-TOTAL ITEM II		-----				Php
		OCM (15% of EDC)		-----				
		PROFIT (10% of EDC)		-----				
		VAT (5% of the sum of the EDC, OCM & Profit)		-----				
		TOTAL COST FOR ITEM II		-----				
		UNIT COST		-----				Php
		From the existing distribution pipelines at RC Reservoir at San Roque to Banahaw, Palanas 780.0 L.M.						
II		PIPE LAYING & INSTALLATION						
		A. Materials						
		1. 50mmØ (2") x 6.0m G.I. Pipe Sched. 40	lgths	130				
		2. 50mmØ (2") G.I. Union (patente)	pcs	26				
		3. 50mmØ (2") G.I. Coupling	pcs	104				
		4. 50mmØ (2") G.I. Tee	pcs	2				
		5. 50mmØ (2") G.I. Gate Valve - Thread Type	pcs	2				
		6. 25mmØ (1") Air Vacuum/Air Release Valve	pc	1				
		7. 50mmØ (2") x 25mm Ø (1") G.I. Bushing Reducer	pcs	3				
		8. 25mmØ (1") G.I. Tee	pcs	3				
		9. 25mmØ (1") G.I. Elbow 90 deg.	pcs	6				
		10. 25mmØ (1") Ball Valve	pcs	3				
		11. Teflon tape No. 1"	rolls	50				
		COST FOR MATERIALS		-----				Php
		B. Labor						
		1 - Foreman	days	15				

	10 - Plumbers	days	15		
	5 - Laborers	days	15		
		COST FOR LABOR			Php
		SUB-TOTAL ITEM II			Php
	OCM (15% of EDC)				
	PROFIT (10% of EDC)				
	VAT (5% of the sum of the EDC, OCM & Profit)				
		TOTAL COST FOR ITEM II			
		UNIT COST			Php
III	RC RESERVOIR: Vol. = 13.0 cu.m.				
	A. Materials				
	1. Portland Cement	bags	93		
	2. Sand (washed)	cu.m.	5.50		
	3. Gravel (crushed)	cu.m.	9.0		
	4. 16mmØ x 6.0m Def. Bar	lgths	112		
	5. 12mmØ x 6.0m Def. Bar	lgths	44		
	6. 10mmØ x 6.0m Def. Bar	lgths	47		
	7. Sahara Waterproofing Compound	packs	80		
	8. No. 16 G.I. Tie Wire	kgs	38		
	9. Ordinary Plywood, ¼" x 4' x 8'	shts	35		
	10. Coco Lumber, 2" x 3" x 12'	pcs	100		
	11. Coco Lumber, 2" x 2" x 12'	pcs	100		
	12. C.W. Nails, # 4	kgs	10		
	13. C.W. Nails, # 3	kgs	10		
	14. C.W. Nails, # 1½	kgs	10		
		COST FOR MATERIALS			Php
	B. Labor				
	1 - Foreman	days	20		
	5 - Mason/Carpenter	days	20		
	2 - Plumbers	days	20		
	2 - Laborers	days	20		
		COST FOR LABOR			Php
	C. Equipment				
	1 - One Bagger Concrete Mixer	days	20		
		COST FOR EQUIPMENT			Php
		SUB-TOTAL ITEM III			Php
	OCM (15% of EDC)				
	PROFIT (10% of EDC)				
	VAT (5% of the sum of the EDC, OCM & Profit)				
		TOTAL COST FOR ITEM III			
		UNIT COST			Php
IV	RC THRUST BLOCK, VALVE BOX				
	A. Materials				
	1. Portland Cement	bags	110		
	2. Sand (washed)	cu.m.	7.0		
	3. Gravel (crushed)	cu.m.	7.0		
	4. 12mmØ x 6.0m Def. Bar	lgths	50		
	5. 10mmØ x 6.0m Def. Bar	lgths	50		
	6. No. 16 G.I. Tie Wire	kgs	6		

7. Ordinary Plywood, 1/4" x 4' x 8'	shts	5		
8. Coco Lumber, 2" x 3" x 12'	pcs	10		
9. Coco Lumber, 2" x 2" x 12'	pcs	10		
10. C.W. Nails, # 4	kgs	5		
11. C.W. Nails, # 3	kgs	5		
12. C.W. Nails, # 1 1/2	kgs	5		
COST FOR MATERIALS				Php
B. Labor				
1 - Foreman	days	10		
5 - Mason/Carpenter	days	10		
2 - Laborers	days	10		
COST FOR LABOR				Php
SUB-TOTAL ITEM IV				Php
OCM (15% of EDC)				
PROFIT (10% of EDC)				
VAT (5% of the sum of the EDC, OCM & Profit)				
TOTAL COST FOR ITEM IV				
UNIT COST				Php
SPCL OCCUPATIONAL SAFETY AND HEALTH PROGRAM				
A. Materials				
A. BARANGAY MANGACO TO CALABAWAN				
ITEM I - RC SPRING BOX				
Safety Vests, Safety Helmet, Safety Gloves, Safety Shoes				
1 - Foreman @ 5 days	man days	5		
1 - Mason/Carpenter @ 5 days	man days	5		
1 - Laborers @ 5 days	man days	5		
ITEM II - PIPE LAYING & INSTALLATION				
Safety Vests, Safety Helmet, Safety Gloves, Safety Shoes				
1 - Foreman @ 35 days	man days	35		
10 - Plumbers @ 35 days	man days	350		
5 - Laborers @ 35 days	man days	175		
B. SITIO BUNGTOD, SAN ROQUE				
ITEM II - PIPE LAYING & INSTALLATION				
Safety Vests, Safety Helmet, Safety Gloves, Safety Shoes				
1 - Foreman @ 25 days	man days	25		
10 - Plumbers @ 25 days	man days	250		
5 - Laborers @ 25 days	man days	125		
C. SAN ROQUE TO BANAHAW, PALANAS				
ITEM II - PIPE LAYING & INSTALLATION				
Safety Vests, Safety Helmet, Safety Gloves, Safety Shoes				
1 - Foreman @ 15 days	man days	15		
10 - Plumbers @ 15 days	man days	150		
5 - Laborers @ 15 days	man days	75		
ITEM III - RC RESERVOIR				
Safety Vests, Safety Helmet, Safety Gloves, Safety Shoes				
1 - Foreman @ 20 days	man days	20		
5 - Mason/Carpenter @ 20 days	man days	100		
2 - Plumbers @ 20 days	man days	40		
2 - Laborers @ 20 days	man days	40		

SPCL 2	ITEM IV - RC THRUST BOX, VALVE BOX					
	Safety Vests, Safety Helmet, Safety Gloves, Safety Shoes					
	1 - Foreman @ 10 days	man days	10			
	5 - Mason/Carpenter @ 10 days	man days	50			
	2 - Laborers @ 10 days	man days	20			
		SUB-TOTAL SPCL 3	-----			Php
	PROFIT (10% of EDC)					
	VAT (5% of the sum of the EDC, OCM & Profit)					
	TOTAL COST FOR SPCL 3		-----			
	UNIT COST		-----			Php
	MOBILIZATION/DEMOBILIZATION					
		lot	1			
	VAT (5% of the EDC)					
	TOTAL COST FOR SPCL 2		-----			Php
TOTAL COST					Php	
<p style="text-align: center;">APPROVED BUDGET OF CONTRACT - THREE MILLION THREE HUNDRED THOUSAND PESOS ONLY (Php3,300,000.00)</p>						

Name of Representative of the Bidder

Position

Name of the Bidder

Date :
