

PROJECT PROPOSAL

PROJECT TITLE:

Construction of One Storey Two Units School Building – Barangay Amontoc

PROJECT LOCATION:

Sitio Siwsiwan, Barangay Amontoc is one of the upland barangays of the Municipality of San Gabriel, District I of the Province of La Union, Region I. It is situated 6.30 km. east of the municipality with an area of 1,603 hectares.

BRIEF DESCRIPTION OF THE PROJECT:

The proposed project is Construction of One Storey Two Unit School Building with Toilet and provisions for Person with Disabilities (PWD's).

At present, preparatory school students are using a makeshift building made of indigenous materials (bamboo for walls) and corrugated G.I Sheets drawn from the demolished public market stall building making it uncomfortable and not conducive for learning especially for children.

The construction of the propose school building is relevant to the municipality's vision of ensuring the citizens to enjoy quality social services and improved infrastructure facilities. It is likewise a need and timely response to the attainment of the MDG.

Being an indigenous and agricultural community, the socio - economic impact of this project is favorable to a high degree to the residents. The project is very viable due the presence of concrete all - weather road that provides efficient and speedy transportation of school children and the availability of potable water supply system from springs guarantees the safety of school children from exposure to water borne diseases.

PROJECT GOALS AND OBJECTIVES:

GOAL:

To provide adequate educational facilities thru the improvement of school buildings and upgrading of existing facilities specially in geographically remote areas.

OBJECTIVES:

1. To provide adequate and quality school facility for school children in Barangay Amontoc by 2014
2. To increase accessibility of school children to quality education
3. To establish a healthy and safe environment conducive for learning.
4. To provide a better foundation necessary to quality education and value formation.

TARGET BENEFICIARIES:

The current 25 school children enrolled in SY – 2013 is the direct beneficiaries of the project. This number is expected to double by SY-2014.

PROJECT PARTNERS:

The project will be funded by the Department of the Interior and Local Government thru the Performance Challenge Fund. The Local Government Unit of San Gabriel, La Union is responsible in the implementation of the project.

PROJECT COMPONENT:**General Component:**

The general component of the project are the plans and activities related to its initiation, planning, implementation, supervision, monitoring and evaluation and post implementation activities.

Specific Component:

Administrative: This component shall deal mainly but not limited to administrative matters. For purposes of this proposal, each sub-components are describe as follows:

1. Conduct of socio-economic survey: This is done thru the conduct of survey and dialogue by the proponent entity to the identified community to gauge their sentiments, acceptance and opinions to the proposed project.
2. Consolidation and evaluation of the result of the survey.
3. Preparation and submission of project proposal.
4. Fund Sourcing: Follow-up of proposal to the cooperating/funding entity.
5. Procurement process: Public bidding will be done in accordance with the IRR of R.A – 9184.
6. On-site inspection: This will be done by the authorized representative of the implementing agency during the work period to ascertain the conformity of the contractor of the plans and specifications of the project.
7. Project Monitoring and Evaluation: This phase involve monitoring and evaluation of the project upon completion by representatives of the implementing entity, the cooperating entity and funding entity.

Technical Component:

1. On-site inspection and supervision
2. Other supervisory/inspection activities needed

WORK AND FINANCIAL PLAN

Line Item	LGU Counterpart	Other partners Support	PCF Subsidy	Total	Implementation Period (using Gantt Chart, PERT-CPM, S-Curve, etc)			
					May 15 – May 29, 2014	May 30 – June 15, 2014	June 16 – July 3, 2014	July 4 – July 20, 2014
Demolition Works			3,000.00	3,000.00	■			
Excavation Works			10,280.16	10,280.16	■			
Reinforcing Steel Bars			139,469.88	139,469.88	■			
Formwork/Scaffolding			53,848.08	53,848.08	■			
Concrete Works			129,771.84	129,771.84		■		
Masonry Works			122,770.56	122,770.56		■		
Plastering			41,075.76	41,075.76		■		
Fabricated Materials			112,263.36	112,263.36			■	
Roofing Works			237,940.56	237,940.56			■	
Electrical Works			20,232.96	20,232.96				■
Septic Vault			28,189.26	28,189.26				■
Painting Works			47,063.28	47,063.28				■
Transshipment			50,084.30	50,094.30	■	■	■	■
Fabrication of Billboard Sign			4,000.00	4,000.00	■			
TOTAL			1,000,000.00	1,000,000.00				

PROJECT MANAGEMENT:

1. The Local Chief Executive:

The Local Chief Executive shall be responsible for administrative, technical, supervision and control as well as all other aspects of the project. He shall at all times order and deputize any member of the different L.G.U offices to conduct or implement necessary measures to verify, assess, evaluate the progress of the implementation of the project as well as formulate remedies to ensure the speedy completion of the project.

2. The Municipal Engineer:

The Municipal Engineer shall be responsible in the preparation of the detailed engineering, conduct on-site inspection as well as perform other related duties the Local Chief Executive may direct.

3. The Municipal Planning and Development Coordinator:

In relation to the proposed project, the MPDC is responsible in the conduct of socio – economic survey, consolidate and evaluate the result of the survey, prepare the project proposal and eventually conduct/follow – up funding source.

4. BID and Award Committee:

Responsible for the conduct of transparent procurement process in accordance with the IRR of R.A 9184, otherwise known as the Government Procurement Reform Act.

5. Monitoring and Evaluation Committee

Constant monitoring and evaluation will be undertaken by the Performance Challenge Fund Implementation Unit (PCFIU). The PCFIU is tasked to monitor and evaluate the completed project whether all financial and technical aspect of the project were complied in accordance with the program of works, specifications and schedule.

PROJECT SUSTAINABILITY:

The project's operation and maintenance will be sustained by the Special Educational Fund of the municipality together with the funds of the Parents Teachers and Community Association of said school.

PROJECT OUTPUT:

The socio-educational development of the community once the project is completed is beyond figures to quantify. The qualitative advancement of socio-educational status of the people in the area shall become a springboard for its further development.

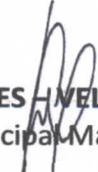
RISK MANAGEMENT:

The proponent of the project can not foresee any risk in the implementation since it is infrastructural in nature, besides, the project has the support and endorsement of the people in the area. Weather condition is the only factor that the proponent can foresee to delay in some degree the implementation of the project. But this can be avoided by starting the project before the onslaught of the rainy season.

Prepared by:


ENGR. SAMUEL A. DICANG
Municipal Engineer

Noted by:


DIVINA C. DALIGUES MELASCO, MD, MPM
Municipal Mayor

PROGRAM OF WORK

Republic of the Philippines
Province of La Union
Municipality of San Gabriel

INDIVIDUAL PROGRAM OF WORK

NAME/LOCATION OF PROJECT	APPROPRIATION: P1,000,000.00				
CONSTRUCTION OF 1 - STOREY 2 C/L BUILDING WITH TOILET AND PROVISIONS FOR PWDS AMONTOC, SAN GABRIEL, LA UNION	SOURCE OF FUND: D.I.L.G - Performance Challenge Fund				
	ISSUED OBLIGATED AUTHORITY:				
	CALENDAR DAYS TO COMPLETE: 90 - WD				
	DESIRABLE STARTING DATE: upon approval				
PROJECT CATEGORY: School Building					
PROJECT DESCRIPTION:					
1. Demolition Works	8. Fabricated Materials				
2. Excavation Works	9. Roofing Works				
3. Reinforcing Steel Bars	10. Electrical Works				
4. Formworks/Scaffoldings	11. Septic Vault				
5. Concrete Works	12. Painting Work				
6. Masonry Works	15. Transshipment				
7. Plastering Works	16. Fabrication of Billboard				
MINIMUM EQUIPMENT REQUIREMENT		TECHNICAL PERSONNEL REQUIRED			
1-bagger Concrete Mixer	Construction Foreman			1	
Bar Cutter	Skilled			6	
Bar Bender	Laborer			15	
Welding Machine					
Speed Cutter					
Electric Drill					
Grinding Machine					
Carpentry Tools					
ESTIMATED COST OF PROPOSED WORK					
DESCRIPTION	(% OF Total)	UNIT	QTY.	Total Amount	Unit Cost
I. Demolition Works	0.30	L.S	L.S	3,000.00	L.S
II. Excavation Works	1.03	cu.m.	28.581	10,280.16	359.69
III. Reinforcing Steel Bars	13.95	kgs.	1771.776	139,469.88	78.72
IV. Formworks/Scaffoldings	5.38	L.S	L.S	53,848.08	L.S
V. Concrete Works	12.98	cu.m.	22.662	129,771.84	5,726.41
VI. Masonry Works	12.28	sq.m.	200.990	122,770.56	610.83
VII. Plastering Works	4.11	sq.m.	401.980	41,075.76	102.18
VIII. Fabricated Materials:	11.23	L.S	L.S	112,263.36	L.S
IX. Roofing Works	23.79	L.S	L.S	237,940.56	L.S
X. Electrical Works	2.02	L.S	L.S	20,232.96	L.S
XI. Septic Vault	2.82	L.S	L.S	28,189.26	L.S
XII. Painting Works	4.71	L.S	L.S	47,063.28	L.S
XIII. Transshipment	5.01	L.S	L.S	50,094.30	L.S
XIV. Fabrication of Billboard	0.40	L.S	L.S	4,000.00	L.S
	100.00			1,000,000.00	

Republic of the Philippines
Province of La Union
Municipality of San Gabriel

DETAILED COST ESTIMATES

PROJECT : CONSTRUCTION OF 1 STOREY 2 CLASSROOM BUILDING
 DESCRIPTIC WITH TOILET AND PRIVISION FOR PWD's
 LOCATION: SIWSIWAN ELEMENTARY SCHOOL, SIWSIWAN, AMONTOC, SAN GABRIEL, LA UNION

ITEM I: DEMOLITION WORKS: (L.S.) ----- P 3,000.00

ITEM II: EXCAVATION WORKS: (28.581 CU.M.)

LABOR:

1 Construction Foreman	@ P	396 /day for	3 days	P	1,188.00
10 Laborer	@ P	220 /day for	3 days	P	6,600.00
					7,788.00

Estimated Direct Cost ---	P	7,788.00
Indirect Cost -----	P	2,492.16
Item Cost -----	P	10,280.16

ITEM III: REINFORCING STEEL BARS: 1,771.776 - KGS.

A. MATERIALS:

140 pcs. 12mm Def. Bar	210	29,400.00
279 pcs. 10mm Def. Bar	145	40,455.00
2.5 rolls #16 Tie Wire	2600	6,500.00
		76,355.00

B. EQUIPMENT RENTAL:

1 unit Bar Cutter	@ P	400 /day for	9 days	P	3,600.00
1 unit Bar Bender	@ P	400 /day for	9 days	P	3,600.00
					7,200.00

C. LABOR:

1 Construction Foreman	@ P	396 /day for	9 days	P	3,564.00
3 Skilled	@ P	320 /day for	9 days	P	8,640.00
5 Laborer	@ P	220 /day for	9 days	P	9,900.00
					22,104.00

Estimated Direct Cost ---	P	105,659.00
Indirect Cost -----	P	33,810.88
Item Cost -----	P	139,469.88

ITEM IV: FORMWORKS/SCAFOLDINGS: (L.S.)

A. MATERIALS:

50 pcs. 2 X 3 X 12' Form Lumber	@ P	210		P	10,500.00
90 pcs. 2 X 2 X 12' Form Lumber		140			12,600.00
18 pcs. 1/4" Ord. Plywood		375			6,750.00
25 kgs. Assorted CWN		80			2,000.00
					31,850.00

B. LABOR:

1 Construction Foreman	@ P	396 /day for	4 days	P	1,584.00
3 Carpenter	@ P	320 /day for	4 days	P	3,840.00
4 Laborer	@ P	220 /day for	4 days	P	3,520.00
					8,944.00

Estimated Direct Cost ---	P	40,794.00
Indirect Cost -----	P	13,054.08
Item Cost -----	P	53,848.08

ITEM V: CONCRETE WORKS: 22.662 CU.M.

A. MATERIALS:

203 bags Portland Cement	@ P	250		P	50,750.00
12 cu.m. Washed Sand		500			6,000.00
22 cu.m. Screened Gravel		700			15,400.00
					72,150.00

B. EQUIPMENT EXPENSES:

1 unit 1-bagger Concrete Mixer	@ P	550 /day for	7 days	P	3,850.00
Fuel, Oil and Lubricants	L.S.				500.00
					4,350.00

C. LABOR:

1 Construction Foreman	@ P	396 /day for	7 days	P	2,772.00
3 Skilled	@ P	320 /day for	7 days	P	6,720.00
8 Laborer	@ P	220 /day for	7 days	P	12,320.00
					<u>21,812.00</u>

Estimated Direct Cost ---	P	98,312.00
Indirect Cost -----	P	31,459.84
Item Cost -----	P	129,771.84

ITEM VI: MASONRY WORKS: 200.99 SQ.M.

A. MATERIALS:

140 bags Portland Cement	@ P	250	P	35,000.00
2600 pcs. 4" CHB		8.5		22,100.00
8 cu.m. Washed Sand		500		4,000.00
15 cu.m. Screened Gravel		700		10,500.00
				<u>71,600.00</u>

B. LABOR:

1 Construction Foreman	@ P	396 /day for	8 days	P	3,168.00
3 Skilled	@ P	320 /day for	8 days	P	7,680.00
6 Laborer	@ P	220 /day for	8 days	P	10,560.00
					<u>21,408.00</u>

Estimated Direct Cost ---	P	93,008.00
Indirect Cost -----	P	29,762.56
Item Cost -----	P	122,770.56

ITEM VII: PLASTERING WORKS: 401.98 SQ.M.

A. MATERIALS:

79 bags Portland Cement	@ P	250	P	19,750.00
8 cu.m. Fine Sand		500		4,000.00
				<u>23,750.00</u>

B. LABOR:

1 Construction Foreman	@ P	396 /day for	3 days	P	1,188.00
3 Skilled	@ P	320 /day for	3 days	P	2,880.00
5 Laborer	@ P	220 /day for	3 days	P	3,300.00
					<u>7,368.00</u>

Estimated Direct Cost ---	P	31,118.00
Indirect Cost -----	P	9,957.76
Item Cost -----	P	41,075.76

ITEM VIII: FABRICATED MATERIALS:

A. MATERIALS:

4 sets 2.10 X 0.90 m Panel Door w/ Heavy Duty Doorknob w/ Door Jamb (Door 1)	@ P	6500	P	26,000.00
2 set 2.00 X 0.90 m Flash Door w/ Heavy Duty Doorknob w/ Door Jamb (Door2)		4500	P	9,000.00
4 units 1.50 X 1.20 m Steel Window w/ Square Bar Grills and Clear Glass (Window 1)		4400	P	17,600.00
2 units 1.50 X 1.80 m Steel Window w/ Square Bar Grills and Clear Glass (Window 2)		6600	P	13,200.00
4 units 1.20 X 0.60 m Steel Window w/ Square Bar Grills and Clear Glass (Window 3)		1760	P	7,040.00
2 units Blackboard 4' X 16' Painted w/ Chalk Case -----L.S.-----			P	5,500.00
				<u>78,340.00</u>

B. LABOR: Installation:

1 Construction Foreman	@ P	396 /day for	3 days	P	1,188.00
3 Skilled	@ P	320 /day for	3 days	P	2,880.00
4 Laborer	@ P	220 /day for	3 days	P	2,640.00
					<u>6,708.00</u>

Estimated Direct Cost ---	P	85,048.00
Indirect Cost -----	P	27,215.36
Item Cost -----	P	112,263.36

ITEM IX: ROOFING WORKS:

A. MATERIALS:

42 pcs. 2 X 6 X 1.00mm C-Purlins Rafter	@ P	500	P	21,000.00
64 pcs. 2 X 3 X 0.90mm C-Purlins		290		18,560.00
25 pcs. 2 X 6 X 0.90mm C-Purlins Faciaboard		420		10,500.00
52 pcs. .40mm X 12' Corr. G.I. Sheet Roofing		600		31,200.00
52 pcs. .40mm X 9' Corr. G.I. Sheet Roofing		450		23,400.00
37 pcs. Standard Gutter		225		8,325.00
7 pcs. Standard Ridgeroll		225		1,575.00
5 pcs. Wall Flashing Standard		225		1,125.00
7 pcs. 1" X 1" X 3.00mm Flat Bar		120		840.00
14 pcs. 1/2" Standard Round Bar		215		3,010.00
15 kgs. Welding Rod		110		1,650.00
2 liters Vulcaseal		375		750.00
15 pcs. 3" PVC Pipe Orange		380		5,700.00
18 pcs. 3" PVC Elbow		45		810.00
1 can 60cc Solvent Cement		65		65.00
24 pcs. PVC Downspout Metal Strap		15		360.00
200 pcs. 3/16 Rivets		0.5		100.00
2000 pcs. 2" Texscrew		1.5		3,000.00
				<u>131,970.00</u>

B. EQUIPMENT RENTAL:

1 unit Welding Machine	@ P	500 /day for	9 days	P	4,500.00
1 unit Drilling Machine		250 /day for	4 days		1,000.00
1 unit Cutting Machine (Speed Cutter)		320 /day for	4 days		1,280.00
1 unit Grinding Machine		250 /day for	4 days	P	1,000.00
					<u>7,780.00</u>

C. LABOR:

1 Construction Foreman	@ P	396 /day for	13 days	P	5,148.00
3 Skilled	@ P	320 /day for	13 days	P	12,480.00
8 Laborer	@ P	220 /day for	13 days	P	22,880.00
					<u>40,508.00</u>

Estimated Direct Cost - - -	P	180,258.00
Indirect Cost - - - - - - - - -	P	57,682.56
Item Cost - - - - - - - - -	P	237,940.56

ITEM X: ELECTRICAL WORKS: L.S.

A. MATERIALS:

8 sets 40 watts Flourescent Light	@ P	350	P	2,800.00
4 pcs. 23 watts Capsule Bulb		165		660.00
2 pc. 2-gang Switch		150		300.00
4 pcs. 1-gang Switch		125		500.00
2 pcs. 2-gang Con. Outlet		150		300.00
8 pcs. Utility Box		35		280.00
5 pcs. Plastic 4 X 4 Pullbox		55		275.00
23 pcs. 1/2" PVC Pipe Orange		65		1,495.00
80 meters TW Wire #14		22		1,760.00
18 meters TW Wire #12		32		576.00
30 meters TW Wire #10		40		1,200.00
1 unit 15 Amp Circuit Breaker w/ Casing		350		350.00
1 unit 30 Amp Circuit Breaker w/ Casing		400		400.00
4 pcs. 4 X 4 Receptacle Ceramic		40		160.00
				<u>11,056.00</u>

B. LABOR:

1 Construction Foreman	@ P	396 /day for	2 days	P	792.00
2 Electrician	@ P	320 /day for	2 days	P	1,280.00
5 Laborer	@ P	220 /day for	2 days	P	2,200.00
					<u>4,272.00</u>

Estimated Direct Cost - - -	P	15,328.00
Indirect Cost - - - - - - - - -	P	4,904.96
Item Cost - - - - - - - - -	P	20,232.96

ITEM XI: SEPTIC VAULT:

A. MATERIALS:

30 bags Portland Cement	@ P	250	P	7,500.00
175 pcs. 4" CHB		8.5		1,487.50

2 cu.m. Washed Sand	500	1,000.00
2.5 cu.m. Screened Gravel	700	1,750.00
3 pcs. 12mm Def. Bar	210	630.00
19 pcs. 10mm Def. Bar	145	2,755.00
1 pc. 4" PVC Pipe Orange	480	480.00
3 pcs. 4" PVC Tee	65	195.00
3 pcs. 4" Clean Out Plug	55	165.00
1 can 60cc Solvent Cement	65	65.00
3 kgs. #16 Tie Wire	80	240.00
		<u>16,267.50</u>

B. LABOR:

1 Construction Foreman	@ P	396 /day for	3 days	P	1,188.00
2 Skilled	@ P	320 /day for	3 days	P	1,920.00
3 Laborer	@ P	220 /day for	3 days	P	1,980.00
					<u>5,088.00</u>

Estimated Direct Cost - - -	P	21,355.50
Indirect Cost - - - - - - - - -	P	6,833.76
Item Cost - - - - - - - - -	P	<u>28,189.26</u>

ITEM XII: PAINTING WORKS:

A. MATERIALS:

4 pails Flat Latex Paint White	@ P	2100	P	8,400.00
3 pails Gloss Latex Paint White		2350		7,050.00
8 cans 1/4-liter Latex Color		65		520.00
4 gals. Red Oxide Primer Paint		480		1,920.00
8 gals. Roof Paint Green		630		5,040.00
3 liters Concrete Neutralizer		185		555.00
2 gals. Masonry Putty		580		1,160.00
1 gal. Body Filler		585		585.00
1 gal. Paint Thinner		350		350.00
2 pcs. 1" Paint Brush		25		50.00
3 pcs. 1 1/2" Paint Brush		35		105.00
3 pcs. 2" Paint Brush		45		135.00
2 pcs. 3" Paint Brush		60		120.00
3 pcs. 4" Paint Brush		80		240.00
4 sets Roller paint w/ Tray		120		480.00
				<u>26,710.00</u>

B. LABOR:

1 Construction Foreman	@ P	396 /day for	4 days	P	1,584.00
3 Painter	@ P	320 /day for	4 days	P	3,840.00
4 Laborer	@ P	220 /day for	4 days	P	3,520.00
					<u>8,944.00</u>

Estimated Direct Cost - - -	P	35,654.00
Indirect Cost - - - - - - - - -	P	11,409.28
Item Cost - - - - - - - - -	P	<u>47,063.28</u>

ITEM XIII: TRANSHIPMENT:

L.S. 50,094.30

ITEM XIV: FABRICATION OF BILLBOARD SIGN: -----L.S.-----

4,000.00

SUMMARY OF ESTIMATE

ITEM I:	DEMOLITION WORKS: (L.S.) -----	P	3,000.00
ITEM II:	EXCAVATION WORKS: (28.581 CU.M.) -----	P	10,280.16
ITEM III:	REINFORCING STEEL BARS: 1,771.776 - KGS.: -----	P	139,469.88
ITEM IV:	FORMWORKS/SCAFOLDINGS: (L.S.): -----	P	53,848.08
ITEM V:	CONCRETE WORKS: 22.662 CU.M.: -----	P	129,771.84
ITEM VI:	MASONRY WORKS: 200.99 SQ.M.: -----	P	122,770.56
ITEM VII:	PLASTERING WORKS: 401.98 SQ.M.: -----	P	41,075.76
ITEM VIII:	FABRICATED MATERIALS: -----	P	112,263.36
ITEM IX:	ROOFING WORKS: -----	P	237,940.56
ITEM X:	ELECTRICAL WORKS: L.S.: -----	P	20,232.96
ITEM XI:	SEPTIC VAULT: -----	P	28,189.26
ITEM XII:	PAINTING WORKS: -----	P	47,063.28
ITEM XIII:	TRANSHIPMENT: -----	P	50,094.30
ITEM XIV:	FABRICATION OF BILLBOARD SIGN: -----	P	4,000.00
	Approved Budget Cost: ----	P	1,000,000.00
	Administrative Cost: -----	P	-
	TOTAL PROJECT COST: --	P	1,000,000.00

Prepared by:


 SAMUEL A. DICANG
 Municipal Engineer

Approved:


 DIVINA C. DALIGUES - VELASCO, M.D MPM
 Municipal Mayor