

Project Title:		SITE DEVELOPMENT WORKS OF JPST STATIONS				
Location:		1. Barangay Ganassi, North Upi, Maguindanao				
		2. Barangay Bangoinged, Pikit, North Cotabato				
		3. Barangay Bunawan, Colombio, Sultan Kudarat				
Project Category:		Construction of Facilities				
Total Project Cost:						
LOT 2 - Project Description:			Implementation Mode:		By Contract	
Site Development Works including Construction of Access Road, Drainage System, Water / Sanitary System, Electrical System and Perimeter fence.			Project Duration:		60 Days	
			Equipment Required:		Earthmoving Equipment, Hauling Equipment and Concrete Mixers	
			Technical Personnel:			
Sub-project 1: BARANGAY GANASSI, NORTH UPI, MAGUINDANAO						
ITEM NO.	ITEMS OF WORK	% (WT.)	QTY	UNIT	UNIT PRICE	AMOUNT
1	GENERAL REQUIREMENTS					
1.1	Mobilization and Demobilization		1.00	Ls		
1.2	Construction Safety and Health		1.00	mos.		
1.3	Project Sign Board		1.00	each		
1.4	Temporary Facilities for the Contractor		2.00	mos.		
2	ACCESS ROAD					
2.1	Subgrade Preparation		1355.00	sq.m		
2.2	Aggregate Base Course		203.25	sq.m		
3	SITE WORKS					
3.1	Clearing and Grubbing		759.00	sq.m		
3.2	Gravel Bedding		34.88	cu.m		
4	DRAINAGE LINED CANAL					
4.1	Installation of 4"x10"x16" (100mm) CHB		69.14	sq.m		
4.2	Plain Cement Plaster Finish		69.14	sq.m		
4.3	Structural Concrete		7.16	cu.m		
4.4	Reinforcing Steel, Grade 40		598.87	kgs.		
4.5	Excavation Works (Manual)		37.53	cu.m		
4.6	Backfill (Manual / Side Borrow)		18.77	cu.m		
4.7	Gravel Bedding		4.94	sq.m		
4.8	Form Works		49.40	sq.m		
5	CONCRETE PAVER					
5.1	Structural Concrete		2.04	cu.m		
5.2	Reinforcing Steel, Grade 40		111.55	kgs.		
5.3	Form Works		40.80	sq.m		
6	PERIMETER FENCE					
6.1	Installation of 6"x10"x16" (150mm) CHB		111.66	sq.m		
6.2	Plain Cement Plaster Finish		169.26	sq.m		
6.3	Structural Concrete		17.73	cu.m		
6.4	Gravel Bedding		7.32	sq.m		
6.5	Excavation Works (Manual)		76.64	cu.m		
6.6	Backfill (Manual / Side Borrow)		27.28	cu.m		
6.7	Reinforcing Steel, Grade 40		663.55	kgs.		
6.8	Form Works		57.60	kgs.		
6.9	Interlink (Cyclone) Wire 50mm x 2.5mm		1.00	Lot		
					Sub-Total	
7	ABLUTION					
7.1	Installation of 4"x10"x16" (100mm CHB)		1.28	sq.m		
7.2	Plain Cement Plaster Finish		3.26	sq.m		
7.3	Structural Concrete		0.28	cu.m		

7.4	Reinforcing Steel, Grade 40		10.41	kgs.		
					Sub-Total	
8	SANITARY PLUMBING AND WATER SUPPLY					
8.1	Installation of Polypropylene Random Pipe (PPRP) Cold Water Lines and Fittings (See Specs and Tech Details)					
8.1.1	15mmØ		11.00	pc		
8.1.2	20mmØ		4.00	pc		
8.1.3	25mmØ		2.00	pc		
8.1.4	32mmØ		6.00	pc		
8.2	Installation of Polyvinyl Chloride Pipe (PVC) Waste Water Lines and Fittings (See Specs and Tech Details)					
8.2.1	50mmØ		13.00	pc		
8.2.2	100mmØ		14.00	pc		
8.3	Installation of Elevated Water Tank, with G.I Pipe (Sch.40) Lines and Fittings and PPR Adaptor					
8.3.1	Supply and Installation of 2,000li Capacity, Stainless Water Tank & Accessories		1.00	lot		
8.3.2	Fabrication and Erection of Structural Steel Structure for Elevated Water Tank		1.00	lot		
8.3.3	Structural Concrete		2.37	cu.m		
8.3.4	Reinforcing Steel, Grade 40		216.42	kgs.		
8.3.5	Installation of G.I Pipe Sched. 40 and Fittings					
8.3.5.1	32mmØ		5.00	pc		
8.3.5.2	40mmØ		2.00	pc		
8.4	Supply and Installation of two (2) Set Purifying Plastic Septic Tank		1.00	lot		
8.5.1	Rehabilitation of Existing Intake Box (Source)		1.00	lot		
8.5.2.1	Structural Concrete		2.05	cu.m		
8.5.2.2	Reinforcing Steel, Grade 40		74.76	kgs.		
8.5.2.3	Form Works		14.34	sq.m		
8.5.3	Installation of Water Pump, Housing and Electrical Works		1.00	lot		
8.5.4	Installation of HDPE Pipelines		1.00	lot		
8.5.5	Excavation Works (Manual)		72.00	cu.m		
8.5.6	Backfill (Manual / Side Borrow)		72.00	cu.m		
					Sub-Total	
9	ELECTRICAL WORKS					
9.1	Supply and Installation of Power Load Center, Switchgear, and Panel Boards		1.00	lot		
9.2	Supply and Installation of Exterior Lighting Fixtures		1.00	lot		
9.3	Wires and Wiring Devices		1.00	lot		
9.4	Conduits, Boxes and Fittings		1.00	lot		
					Sub-Total	
TOTAL DIRECT COST						
BREAKDOWN OF ESTIMATED PROJECT COST						TOTAL COST
A. DIRECT COST						
	Material Cost					
	Labor Cost					
	Equipment Cost					
Sub-Total 'A'						
B. INDIRECT COST						
	Contractor's Profit					
	Overhead, Contingencies & Miscellaneous (OCM)					
	VAT					
Sub-Total 'B'						
TOTAL ('A' + 'B')						
TOTAL PROJECT COST						

Sub-project 2: BARANGAY BANGOINGED, NORTH UPI, MAGUINDANAO

ITEM NO.	ITEMS OF WORK	% (WT.)	QTY	UNIT	UNIT PRICE	AMOUNT
1	GENERAL REQUIREMENTS					
1.1	Mobilization and Demobilization		1.00	Ls		
1.2	Construction Safety and Health		1.00	mos.		
1.3	Project Sign Board		1.00	each		
1.4	Temporary Facilities for the Contractor		2.00	mos.		
2	ACCESS ROAD					
2.1	Subgrade Preparation		570.00	sq.m		
2.2	Aggregate Base Course		85.50	sq.m		
3	SITE WORKS					
3.1	Clearing and Grubbing		759.00	sq.m		
3.2	Gravel Bedding		34.88	cu.m		
4	DRAINAGE LINED CANAL					
4.1	Installation of 4"x10"x16" (100mm) CHB		69.14	sq.m		
4.2	Plain Cement Plaster Finish		69.14	sq.m		
4.3	Structural Concrete		7.16	cu.m		
4.4	Reinforcing Steel, Grade 40		598.87	kgs.		
4.5	Excavation Works (Manual)		37.53	cu.m		
4.6	Backfill (Manual / Side Borrow)		18.77	cu.m		
4.7	Gravel Bedding		4.94	sq.m		
4.8	Form Works		49.40	sq.m		
5	CONCRETE PAVER					
5.1	Structural Concrete		2.22	cu.m		
5.2	Reinforcing Steel, Grade 40		121.74	kgs.		
5.3	Form Works		44.40	sq.m		
6	PERIMETER FENCE					
6.1	Installation of 6"x10"x16" (150mm) CHB		111.66	sq.m		
6.2	Plain Cement Plaster Finish		169.26	sq.m		
6.3	Structural Concrete		17.73	cu.m		
6.4	Gravel Bedding		7.32	sq.m		
6.5	Excavation Works (Manual)		76.64	cu.m		
6.6	Backfill (Manual / Side Borrow)		27.28	cu.m		
6.7	Reinforcing Steel, Grade 40		663.55	kgs.		
6.8	Form Works		57.60	kgs.		
6.9	Interlink (Cyclone) Wire 50mm x 2.5mm		1.00	Lot		
					Sub-Total	
7	ABLUTION					
7.1	Installation of 4"x10"x16" (100mm) CHB		1.28	sq.m		
7.2	Plain Cement Plaster Finish		3.26	sq.m		
7.3	Structural Concrete		0.28	cu.m		
7.4	Reinforcing Steel, Grade 40		10.41	kgs.		
8	SANITARY PLUMBING AND WATER SUPPLY					
8.1	Installation of Polypropylene Random Pipe (PPRP) Cold Water Lines and Fittings (See Specs and Tech Details)					
8.1.1	15mmØ		11.00	pc		
8.1.2	20mmØ		4.00	pc		
8.1.3	25mmØ		2.00	pc		
8.1.4	32mmØ		6.00	pc		
8.2	Installation of Polyvinyl Chloride Pipe (PVC) Waste Water Lines and Fittings (See Specs and Tech Details)					
8.2.1	50mmØ		13.00	pc		
8.2.2	100mmØ		14.00	pc		
8.3	Installation of Elevated Water Tank, with G.I Pipe (Sch.40) Lines and Fittings and PPR Adaptor					
8.3.1	Supply and Installation of 4,000li Capacity, Stainless Water Tank & Accessories		1.00	lot		

8.3.2	Fabrication and Erection of Structural Steel Structure for Elevated Water Tank		1.00	lot		
8.3.3	Structural Concrete		2.53	cu.m		
8.3.4	Reinforcing Steel, Grade 40		233.44	kgs.		
8.3.5	Installation of G.I Pipe Sched. 40 and Fittings					
8.3.5.1	32mmØ		5.00	pc		
8.3.5.2	40mmØ		2.00	pc		
8.4	Drilling and Installation of Casing and Deepwell Pump with G.I Pipe (Sch.40) Casing and Fittings		1.00	lot		
8.5	Supply and Installation of two (2) Set Purifying Plastic Septic Tank		1.00	lot		
			Sub-Total			
9	ELECTRICAL WORKS					
9.1	Supply and Installation of Power Load Center, Switchgear, and Panel Boards		1.00	lot		
9.2	Supply and Installation of Exterior Lighting Fixtures		1.00	lot		
9.3	Wires and Wiring Devices		1.00	lot		
9.4	Conduits, Boxes and Fittings		1.00	lot		
			Sub-Total			
TOTAL DIRECT COST						
BREAKDOWN OF ESTIMATED PROJECT COST						TOTAL COST
A. DIRECT COST						
	Material Cost					
	Labor Cost					
	Equipment Cost					
Sub-Total 'A'						
B. INDIRECT COST						
	Contractor's Profit					
	Overhead, Contingencies & Miscellaneous (OCM)					
	VAT					
Sub-Total 'B'						
TOTAL ('A' + 'B')						
TOTAL PROJECT COST						

Sub-project 2: BARANGAY BANGOINGED, NORTH UPI, MAGUINDANAO

ITEM NO.	ITEMS OF WORK	% (WT.)	QTY	UNIT	UNIT PRICE	AMOUNT
1	GENERAL REQUIREMENTS					
1.1	Mobilization and Demobilization		1.00	Ls		
1.2	Construction Safety and Health		1.00	mos.		
1.3	Project Sign Board		1.00	each		
1.4	Temporary Facilities for the Contractor		2.00	mos.		
2	ACCESS ROAD					
2.1	Construction of Access Road		0.00	Ls	-	-
	(Counterpart of LGU Columbio)					
3	SITE WORKS					
3.1	Clearing and Grubbing		759.00	sq.m		
3.2	Gravel Bedding		34.88	cu.m		
4	DRAINAGE LINED CANAL					
4.1	Installation of 4"x10"x16" (100mm) CHB		69.14	sq.m		
4.2	Plain Cement Plaster Finish		69.14	sq.m		
4.3	Structural Concrete		7.16	cu.m		
4.4	Reinforcing Steel, Grade 40		598.87	kgs.		

4.5	Excavation Works (Manual)		37.53	cu.m		
4.6	Backfill (Manual / Side Borrow)		18.77	cu.m		
4.7	Gravel Bedding		4.94	sq.m		
4.8	Form Works		49.40	sq.m		
5	CONCRETE PAVER					
5.1	Structural Concrete		2.22	cu.m		
5.2	Reinforcing Steel, Grade 40		121.74	kgs.		
5.3	Form Works		44.40	sq.m		
6	PERIMETER FENCE					
6.1	Installation of 6"x10"x16" (150mm) CHB		111.66	sq.m		
6.2	Plain Cement Plaster Finish		169.26	sq.m		
6.3	Structural Concrete		17.73	cu.m		
6.4	Gravel Bedding		7.32	sq.m		
6.5	Excavation Works (Manual)		76.64	cu.m		
6.6	Backfill (Manual / Side Borrow)		27.28	cu.m		
6.7	Reinforcing Steel, Grade 40		663.55	kgs.		
6.8	Form Works		57.60	kgs.		
6.9	Interlink (Cyclone) Wire 50mm x 2.5mm		1.00	Lot		
					Sub-Total	
7	ABLUTION					
7.1	Installation of 4"x10"x16" (100mm) CHB		1.28	sq.m		
7.2	Plain Cement Plaster Finish		3.26	sq.m		
7.3	Structural Concrete		0.28	cu.m		
7.4	Reinforcing Steel, Grade 40		10.41	kgs.		
					Sub-Total	
8	SANITARY PLUMBING AND WATER SUPPLY					
8.1	Installation of Polypropylene Random Pipe (PPRP) Cold Water Lines and Fittings (See Specs and Tech Details)					
8.1.1	15mmØ		11.00	pc		
8.1.2	20mmØ		4.00	pc		
8.1.3	25mmØ		2.00	pc		
8.1.4	32mmØ		6.00	pc		
8.2	Installation of Polyvinyl Chloride Pipe (PVC) Waste Water Lines and Fittings (See Specs and Tech Details)					
8.2.1	50mmØ		13.00	pc		
8.2.2	100mmØ		14.00	pc		
8.3	Installation of Elevated Water Tank, with G.I Pipe (Sch.40) Lines and Fittings and PPR Adaptor					
8.3.1	Supply and Installation of 2,000li Capacity, Stainless Water Tank & Accessories		1.00	lot		
8.3.2	Fabrication and Erection of Structural Steel Structure for Elevated Water Tank		1.00	lot		
8.3.3	Structural Concrete		2.37	cu.m		
8.3.4	Reinforcing Steel, Grade 40		216.42	kgs.		
8.3.5	Installation of G.I Pipe Sched. 40 and Fittings					
8.3.5.1	32mmØ		5.00	pc		
8.3.5.2	40mmØ		2.00	pc		
8.4	Supply and Installation of two (2) Set Purifying Plastic Septic Tank		1.00	lot		
8.5.1	Installation of Tapping Point, and Air Release Valve with Fittings and Accessories		1.00	lot		
8.5.2	Installation of HDPE Pipelines and Connectors		1.00	lot		
8.5.3	Excavation Works (Manual)		8.00	cu.m		
8.5.4	Backfill (Manual / Side Borrow)		9.00	cu.m		
					Sub-Total	
9	ELECTRICAL WORKS					
9.1	Supply and Installation of Power Load Center, Switchgear, and Panel Boards		1.00	lot		
9.2	Supply and Installation of Exterior Lighting Fixtures		1.00	lot		
9.3	Wires and Wiring Devices		1.00	lot		
9.4	Conduits, Boxes and Fittings		1.00	lot		
					Sub-Total	
TOTAL DIRECT COST						

BREAKDOWN OF ESTIMATED PROJECT COST		TOTAL COST
A. DIRECT COST		
	Material Cost	
	Labor Cost	
	Equipment Cost	
Sub-Total 'A'		
B. INDIRECT COST		
	Contractor's Profit	
	Overhead, Contingencies & Miscellaneous (OCM)	
	VAT	
Sub-Total 'B'		
TOTAL ('A' + 'B')		
TOTAL PROJECT COST		