

BILL OF QUANTITIES

Project : **ANGAT RAINFOREST ECOLOGICAL PARK VIEWDECK FACILITIES**

Location : **Norzagaray, Bulacan**

ITEM NO	SCOPE OF WORK	QTY	UNIT	UNIT COST	AMOUNT
I.	GENERAL REQUIREMENTS				
	a. Temporary Barracks	1.00	lot		
	b. Health and Safety	1.00	lot		
	c. Project Signboard	1.00	set		
II.	MARKER				
	Structure Excavation (Common Soil Manual)	2.54	cu.m.		
	Embankment (from Structure Excavation, Manual)	1.25	cu.m.		
	Gravel Fill	0.16	cu.m.		
	Structural Concrete For Footing and Slab on Fill (Class A, 28 Days)	0.76	cu.m.		
	Structural Concrete, Column and Suspended Slab, Girder/Beam (Class A, 28 Days)	0.59	cu.m.		
	Reinforcing Steel, Grade 40	89.66	kg.		
	Formworks and Falseworks (for one-storey building)	3.16	sq.m.		
	CHB # 6 (Non-Load Bearing including Reinforcing Steel 150mm)	7.98	sq.m.		
	Cement Plaster Finish	7.98	sq.m		
	Granite Slab Finish	1.00	lot		
	Granite Tiles Finish	4.48	sq. m		
	Signage	1.00	lot		
III.	REHABILITATION OF EXISTING VIEWDECK				
	Demolition and Disposal of Existing Handrail	1.00	lot		
	Cement Plaster Finish	41.82	sq.m		
	Painting Works (Masonry/Concrete)	41.82	sq.m		
	Handrail	1.00	lot		
	Painting Works (Metal)	27.98	sq.m		
	1m x 1m Rough Granite Tiles	34.51	sq.m		
IV.	ENTRANCE GATE				
	Structure Excavation (Common Soil Manual)	1.80	cu.m.		
	Embankment (from Structure Excavation, Manual)	1.09	cu.m.		
	Gravel Fill	0.10	cu.m.		
	Structural Concrete For Footing and Slab on Fill (Class A, 28 Days)	0.60	cu.m.		
	Structural Concrete, Column and Suspended Slab, Girder/Beam (Class A, 28 Days)	0.47	cu.m.		
	Reinforcing Steel, Grade 40	72.02	kg		
	Formworks and Falseworks (for one-storey building)	6.24	sq.m		
	Painting Works (Masonry/Concrete)	4.80	sq.m		
	Steel Gate	1.00	l.s.		
	Painting Works (Metal)	27.98	sq.m		
V.	Landscape				
	Clearing and Grubbing (with Stripping)	0.07	ha		
	Aggregate Subbase Course	136.75	cu.m.		
	Aggregate Surface Course	102.56	cu.m.		
	Portland Cement Concrete Pavement, (Unreinforced), t=23	683.73	sq.m.		
	Concrete Curb	190.59	l.m.		
	Sidewalk and Pathwalk (100mm)	295.76	sq.m.		

BILL OF QUANTITIES

Project : **ANGAT RAINFOREST ECOLOGICAL PARK VIEWDECK FACILITIES**

Location : **Norzagaray, Bulacan**

ITEM NO	SCOPE OF WORK	QTY	UNIT	UNIT COST	AMOUNT
	Softscape	1.00	lot		
VI.	PICNIC SHED				
	Structure Excavation (Common Soil Manual)	22.91	cu.m.		
	Embankment (from Structure Excavation, Manual)	11.98	cu.m.		
	Gravel Fill	2.37	cu.m.		
	Structural Concrete For Footing and Slab on Fill (Class A, 28	8.67	cu.m.		
	Structural Concrete, Column and Suspended Slab,	6.63	cu.m.		
	Reinforcing Steel, Grade 40	1,855.28	kg.		
	Formworks and Falseworks (for one-storey building)	17.30	sq.m.		
	CHB # 6 (Non-Load Bearing including Reinforcing Steel	22.00	sq.m.		
	Cement Plaster Finish	6.00	sq.m		
	Steel Roof Rafter	1.00	lot		
	Steel Roof Purlin	324.80	kg		
	Metal Structure Accessories (Anchor Bolts)	1.00	lot		
	Long Span Pre-painted Twin Rib Roofing	80.32	sq.m		
	Fabricated Metal Roofing Accessory (Flashing)	72.00	m		
	Roofing Accessory (Fascia)	56.00	m		
	Ceiling (1/2" Fiber Cement Board on G.I. Furring Channels)	80.00	sq.m		
	Tables and Chairs	1.00	unit		
	Painting Works (Metal)	46.00	sq.m		
VII.	TICKET BOOTH				
	Structure Excavation (Common Soil Manual)	5.73	cu.m.		
	Embankment (from Structure Excavation, Manual)	4.16	cu.m.		
	Gravel Fill	0.49	cu.m.		
	Structural Concrete For Footing and Slab on Fill (Class A, 28 Days)	2.17	cu.m.		
	Structural Concrete, Column and Suspended Slab, Girder/Beam (Class A, 28 Days)	1.74	cu.m.		
	Reinforcing Steel, Grade 40	434.93	kg.		
	Formworks and Falseworks (for one-storey building)	7.68	sq.m.		
	CHB # 6 (Non-Load Bearing including Reinforcing Steel 150mm)	26.45	sq.m.		
	Cement Plaster Finish	52.90	sq.m		
	Steel Roof Trusses	124.60	kg.		
	Steel Roof Purlin	82.24	kg		
	Painting Works (Metal)	28.00	sq.m		
	Metal Structure Accessories (Anchor Bolts)	1.00	lot		
	Long Span Pre-painted Twin Rib Roofing	20.08	sq.m		
	Fabricated Metal Roofing Accessory (Flashing)	14.00	m		
	Roofing Accessory (Fascia)	14.00	m		
	Ceiling (1/2" Fiber Cement Board on G.I. Furring Channels)	20.00	sq.m		
	Floor Finish:(40cm x 40cm Unglazed Tiles)	6.00	sq.m		
	Doors and Windows	1.00	lot		
	Granite Slab Finish	1.00	lot		
	Lighting Fixtures	1.00	l.s.		
	Panelboard w/ Main & Branch Breakers	1.00	l.s.		
	Conduit, Boxes and Fittings	1.00	l.s.		
	Wires & Wiring Devices	1.00	l.s.		
VII.	PAVILLION				

BILL OF QUANTITIES

Project : **ANGAT RAINFOREST ECOLOGICAL PARK VIEWDECK FACILITIES**
 Location : **Norzagaray, Bulacan**

ITEM NO	SCOPE OF WORK	QTY	UNIT	UNIT COST	AMOUNT
	Structure Excavation (Common Soil Manual)	57.50	cu.m.		
	Embankment (from Structure Excavation, Manual)	34.20	cu.m.		
	Gravel Fill	5.00	cu.m.		
	Structural Concrete For Footing and Slab on Fill (Class A, 28 Days)	37.30	cu.m.		
	Structural Concrete, Column and Suspended Slab, Girder/Beam (Class A, 28 Days)	12.50	cu.m.		
	Reinforcing Steel for One-Storey, Grade 40	3,935.00	kg		
	Formworks and Falseworks (for one-storey building)	56.00	sq.m		
	Long Span Pre-painted Rib Type Roofing	231.00	sq.m		
	Fabricated Metal Roofing Accessory (Gutters)	11.00	lm		
	Steel Roof Trusses (Fabricated)	6,062.00	kg		
	Galvanized Steel C-Purlins	1,548.00	kg		
	Metal Structure Accessories (anchor bolt)	72.00	pc		
	Metal Structure Accessories (MS Plate)	72.00	kg		
	CHB # 4 (Non-Load Bearing including Reinforcing Steel 100mm)	40.20	sq.m		
	CHB # 6 (Non-Load Bearing including Reinforcing Steel 150mm)	64.90	sq.m		
	Cement Plaster Finish	168.00	sq.m		
	Doors	1.00	l.s.		
	Windows	1.00	l.s.		
	60cm x 60cm Granite Floor Tiles (Unglazed)	120.00	sq.m		
	60cm x 60cm Porcelain Floor Tiles (Glazed)	24.00	sq.m		
	60cm x 60cm Porcelain Floor Tiles (Unglazed)	15.75	sq.m		
	Porcelain Tiles (Glazed)	72.85	sq.m		
	Aluminum Composite Panel	1.00	lot		
	Ceiling (Gypsum Board on Metal Framing)	144.00	sq.m		
	Reg./Info Counter	1.00	lot		
	Painting Works (Metal)	333.94	sq.m		
	Painting Works (Masonry/Concrete)	60.00	sq.m		
	Lighting Fixtures	1.00	l.s.		
	Panelboard w/ Main & Branch Breakers	1.00	l.s.		
	Conduit, Boxes and Fittings	1.00	l.s.		
	Wires & Wiring Devices	1.00	l.s.		
	Plumbing Fixtures and Accessories	1.00	l.s.		
	Sanitary Pipes and Fittings	1.00	l.s.		
VIII.	FUNCTION BUILDING				
	Structure Excavation (Common Soil Manual)	52.30	cu.m.		
	Embankment (from Structure Excavation, Manual)	31.20	cu.m.		
	Gravel Fill	4.60	cu.m.		
	Structural Concrete For Footing and Slab on Fill (Class A, 28 Days)	43.23	cu.m.		
	Structural Concrete, Column and Suspended Slab, Girder/Beam (Class A, 28 Days)	7.10	cu.m.		
	Reinforcing Steel for One-Storey, Grade 40	2,581.90	kg		
	Formworks and Falseworks (for one-storey building)	32.00	sq.m		
	Long Span Pre-painted Rib Type Roofing	192.00	sq.m		
	Fabricated Metal Roofing Accessory (Gutters)	12.00	lm		
	Steel Roof Trusses (Fabricated)	4,912.00	kg		
	Galvanized Steel C-Purlins	1,251.00	kg		

BILL OF QUANTITIES

Project : **ANGAT RAINFOREST ECOLOGICAL PARK VIEWDECK FACILITIES**
 Location : **Norzagaray, Bulacan**

ITEM NO	SCOPE OF WORK	QTY	UNIT	UNIT COST	AMOUNT
	Metal Structure Accessories (anchor bolt)	20.00	pc		
	Metal Structure Accessories (MS Plate)	20.00	kg		
	CHB # 6 (Non-Load Bearing including Reinforcing Steel 150mm)	79.20	sq.m		
	Cement Plaster Finish	72.00	sq.m		
	Doors	1.00	l.s.		
	60cm x 60cm Granite Floor Tiles (Unglazed)	96.00	sq.m		
	60cm x 60cm Porcelain Floor Tiles (Glazed)	96.00	sq.m		
	60cm x 60cm Rough Granite Wall Tiles	14.00	sq.m		
	Aluminum Composite Panel	1.00	lot		
	Ceiling (Gypsum Board on Metal Framing)	96.00	sq.m		
	Painting Works (Metal)	270.60	sq.m		
	Painting Works (Masonry/Concrete)	62.80	sq.m		
	Lighting Fixtures	1.00	l.s.		
	Panelboard w/ Main & Branch Breakers	1.00	l.s.		
	Conduit, Boxes and Fittings	1.00	l.s.		
	Wires & Wiring Devices	1.00	l.s.		
	Sanitary Pipes and Fittings	1.00	l.s.		
IX.	ADMIN BUILDING				
	Demolition and Disposal of Wall and Existing Roofing	1.00	lot		
	Structure Excavation (Common Soil Manual)	18.54	cu.m.		
	Embankment (from Structure Excavation, Manual)	9.43	cu.m.		
	Gravel Fill	1.52	cu.m.		
	Structural Concrete For Footing and Slab on Fill (Class A, 28 Days)	4.00	cu.m.		
	Structural Concrete, Column and Suspended Slab, Girder/Beam (Class A, 28 Days)	10.66	cu.m.		
	Reinforcing Steel, Grade 40	1,834.03	kg.		
	Formworks and Falseworks (for one-storey building)	43.27	sq.m.		
	CHB # 6 (Non-Load Bearing including Reinforcing Steel 150mm)	62.84	sq.m.		
	Cement Plaster Finish	62.84	sq.m		
	Steel Roof Trusses (Fabricated)	2,633.54	kg		
	Galvanized Steel C-Purlins	347.70	kg		
	Metal Structure Accessories (anchor bolt)	56.00	pc		
	Metal Structure Accessories (Metal Plates)	32.97	kg		
	Painting Works (Metal)	147.05	sq.m		
	Long Span Rib Type Color Roofing	187.58	sq.m		
	Polycarbonate Roofing	1.00	lot		
	Aluminum Composite Panel	1.00	lot		
	Fabricated Metal Roofing Accessory (Gutters)	18.30	m		
	60cm x 60cm Granite Tiles (Cool White)	18.96	sq.m		
	60cm x 60cm Porcelain Tiles (Escara Gray)	40.85	sq.m		
	60cm x 60cm Unglazed Tiles (Asphalt Grey)	6.63	sq.m		
	60cm x 60cm non Skid Tiles (Fluffy White)	3.68	sq.m		
	12" x 24" Ceramic Wall Tiles (Dark Grey)	12.60	sq.m		
	10cm x 20cm Wall Tiles Gloss Splash Board	1.59	sq.m		
	Granite Slab Finish	1.00	lot		
	Painting Works (Masonry/Concrete)	249.02	sq.m		
	Gypsum Ceiling on Metal Furring	85.39	sq.m		
	Fiber Cement Board Ceiling on Wooden Joist	70.27	sq.m		

BILL OF QUANTITIES

Project : **ANGAT RAINFOREST ECOLOGICAL PARK VIEWDECK FACILITIES**
 Location : **Norzagaray, Bulacan**

ITEM NO	SCOPE OF WORK	QTY	UNIT	UNIT COST	AMOUNT
	Aluminum Composite Panel	1.00	lot		
	Doors	1.00	l.s.		
	Windows	1.00	l.s.		
	Kitchen Bottom and Wall Hung Cabinet	1.00	l.s.		
	Ducco Finish	22.41	sq.m		
	Lighting Fixtures	1.00	l.s.		
	Panelboard w/ Main & Branch Breakers	1.00	l.s.		
	Conduit, Boxes and Fittings	1.00	l.s.		
	Wires & Wiring Devices	1.00	l.s.		
	Plumbing Fixtures and Accessories	1.00	l.s.		
	Sanitary Pipes and Fittings	1.00	l.s.		
X.	GREEN RESTROOM				
	Structure Excavation (Common Soil Manual)	13.98	cu.m.		
	Embankment (from Structure Excavation, Manual)	5.49	cu.m.		
	Gravel Fill	7.14	cu.m.		
	Structural Concrete For Footing and Slab on Fill (Class A, 28 Days)	10.30	cu.m.		
	Structural Concrete, Column and Suspended Slab, Girder/Beam (Class A, 28 Days)	8.77	cu.m.		
	Reinforcing Steel, Grade 40	978.06	kg.		
	Formworks and Falseworks (for one-storey building)	2.88	sq.m.		
	CHB # 6 (Non-Load Bearing including Reinforcing Steel 150mm)	36.57	sq.m.		
	CHB # 4 (Non-Load Bearing including Reinforcing Steel 150mm)	47.47	sq.m.		
	Cement Plaster Finish	168.08	sq.m		
	Steel Roof Trusses/Girt (Fabricated)	450.43	kg		
	Galvanized Steel C-Purlins	337.92	kg		
	Metal Structure Accessories (anchor bolt)	32.00	pc		
	Metal Structure Accessories (Metal Plates)	13.46	kg		
	Metal Structure Accessories (Steel Column)	1.00	lot		
	Painting Works (Metal)	55.23	sq.m		
	Long Span Roof Tile Type Color Roofing	67.68	sq.m		
	Fabricated Metal Roofing Accessory (Flashing)	24.04	m		
	Fabricated Metal Roofing Accessory (Gutters)	9.00	m		
	Roofing Accessory (Fascia)	9.80	m		
	16" x 16" Ceramic Tiles (Camino Red/Anti-Slip)	49.50	sq.m		
	12" x 12" Easton Ivory Ceramic Wall Tiles	7.00	sq.m		
	3/4" Marble Slab Finish (Beige)	1.00	lot		
	Mirror	1.00	lot		
	Red Bricks Cladding	19.68	sq.m		
	Painting Works (Masonry/Concrete)	148.41	sq.m		
	Marine Plywood Ceiling Board on 2" x 2" Wooden Joist	67.68	sq.m		
	Doors	1.00	l.s.		
	Information Counter	1.00	l.s.		
	Lighting Fixtures	1.00	l.s.		
	Panelboard w/ Main & Branch Breakers	1.00	l.s.		
	Conduit, Boxes and Fittings	1.00	l.s.		
	Wires & Wiring Devices	1.00	l.s.		
	Sanitary Fixtures and Accessories	1.00	l.s.		
	Sanitary Pipes and Fittings	1.00	l.s.		

BILL OF QUANTITIES

Project : **ANGAT RAINFOREST ECOLOGICAL PARK VIEWDECK FACILITIES**
 Location : **Norzagaray, Bulacan**

ITEM NO	SCOPE OF WORK	QTY	UNIT	UNIT COST	AMOUNT
	Vent Line Pipe and Fittings	1.00	l.s.		
	Water Line Pipes and Fittings	1.00	l.s.		
	Rain Water Harvesting System	1.00	l.s.		
	Softscape	1.00	l.s.		
	Bamboo Fence	1.00	l.s.		
	Septic Tank				
	Structure Excavation (Common Soil Manual)	13.38	cu.m.		
	Gravel Fill	0.47	cu.m.		
	Structural Concrete For Footing and Slab on Fill (Class A, 28 Days)	0.73	cu.m.		
	Structural Concrete, Column and Suspended Slab, Girder/Beam (Class A, 28 Days)	0.93	cu.m.		
	Reinforcing Steel, Grade 40	91.93	kg.		
	Formworks and Falseworks (for one-storey building)	6.23	sq.m.		
	CHB # 6 (Non-Load Bearing including Reinforcing Steel 150mm)	30.75	sq.m.		
	Cement Plaster Finish	61.49	sq.m.		
	Sanitary Pipes and Fittings	1.00	l.s.		
XI.	ELECTRICAL WORKS				
	Main Distribution System				
	Panelboard w/ Main & Branch Breakers	1.00	l.s.		
	Conduit, Boxes and Fittings	1.00	l.s.		
	Wires & Wiring Devices	1.00	l.s.		
	Solar Lighting				
	Supply, Delivery and Installation of Solar Street Light (80W, 7m Pole)	19.00	set		
	Structure Excavation (Common Soil Manual)	55.58	cu.m.		
	Embankment (from Structure Excavation, Manual)	37.98	cu.m.		
	Gravel Fill	3.21	cu.m.		
	Structural Concrete For Footing and Slab on Fill (Class A, 28 Days)	12.83	cu.m.		
	Structural Concrete, Column and Suspended Slab, Girder/Beam (Class A, 28 Days)	3.54	cu.m.		
	Reinforcing Steel, Grade 40	1,339.59	kg.		
	Formworks and Falseworks (for one-storey building)	15.73	sq.m.		
GRAND TOTAL		In Words: Pesos			
		In Figures: Php			

Submitted By

 Name of the Representative of the Bidder

 Name of the Bidder

 Position