

[Bidder's Letterhead]

[Date]

Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)

Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
1.	General Requirements				
1.1.	Mobilization & Demobilization	1.00	lot	-	-
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Driver				
2	Rigger/Helper				
3					
4					
5					
(b) Total Cost of Labor					
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Elf Truck				
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
1.	General Requirements				
1.2.	Construction Occupational Safety & Health	1.00	lot	-	-
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Safety Helmet				
2	Safety Shoes				
3	Safety Gloves				
4	Construction Vest				
5	Dust Mask				
6	Eye Goggles				
7	PPE Signage (4' x 8')				
8	First Aid Kit				
9	Caution Tape, 100ft				
10					
(a) Total Cost of Materials					
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Safety Officer				
2	First Aider				
3					
4					
5					
(b) Total Cost of Labor					
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1					
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
1.	General Requirements				
1.3.	Temporary Facilities, Billboard and Barricade	1.00	lot	-	-
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Project Billboard:				
2	8' x 8' Tarpaulin				
3	2" x 2" x 10' Coco Lumber (frames)				
4	Assorted Common Wire Nail				
5	Marine Plywood (1/2" x 4' x 8')				
6	Temporary Facilities				
7	Barricade:				
8	2" x 2" x 10' Coco Lumber (frames)				
9	Assorted Common Wire Nail				
10	Roof Sheet (8ft)				
(a) Total Cost of Materials					
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools(10% of Labor Cost)				
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
1.	General Requirements				
1.4.	Permit and Clearances	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Building Permit & Other Permits				
2	Professional Fee for Architectural Works				
3	Professional Fee for Structural Works				
4	Professional Fee for Electrical Works				
5	Professional Fee for Mechanical Works				
6	Professional Fee for Plumbing Works				
7	BFP Permit (FSIC)				
8					
9					
10					
(a) Total Cost of Materials					
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Permits and Clearances including Professional Fees				
2	Fire Safety Evaluation Clearance				
3	Contractor's Tax				
4	Liason Officer				
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1					
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
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Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
2	Earthworks				
2.1	Clearing, Grubbing, and Hauling of Debris	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Unskilled Worker				
3					
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Dump Truck (12 cu. yd.)				
2	Payloader (1.50 cu.m.)				
3	Bulldozer				
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
2.	Earthworks				
2.2.	Soil Poisoning	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Soil Poison Solution		gal.		
2					
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1					
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
2.	Earthworks				
2.3.	Structural Excavation including temporary retaining wall system	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Unskilled Worker				
3					
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1					
2	Backhoe				
3	Sheet Pile (rentals)				
4	Minor Tools (10% of Labor Cost)				
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
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Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
2.	Earthworks				
2.4.	Embankment from Structural Excavation including compaction	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Unskilled Worker				
3					
4					
5					
(b) Total Cost of Labor					
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Road Grader				
2	Vibratory Roller				
3	Water Truck				
4					
5					
(c) Total Cost for Equipment Utilization					
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
2.	Earthworks				
2.5.	Embankment from Borrow including compaction	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Embankment (w/ 25% Shrinkage Factor)		cu.m.		
2					
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Unskilled Worker				
3					
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Road Grader				
2	Vibratory Roller				
3	Water Truck				
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					-
(g) Value Added Tax					-
(h) Total Price					-

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
3	Structural Works				
3.1.1	Footings, Columns, Beams, Slabs, Stairs and Elevator Shaft (Structural Concrete -Ready Mix,4500psi)	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Ready Mix Concrete, 4500 psi @ 28 days		cu.m.		
2					
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2	Pump Crete				
3	Concrete Vibrator				
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					-
(g) Value Added Tax					-
(h) Total Price					-

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)

Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
3	Structural Works				
3.1.1	Lintel Beams, Stiffener Columns, Ledges, Ramp, Steps and Wall Footings (Structural Concrete - Job Mix, 2500psi)	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Job Mix, 2500 psi @ 28 days		cu.m.		
2					
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				
2	1 Bagger Mixer				
3	Concrete Vibrator				
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
3	Structural Works				
3.1.3	10mmØ and 12mmØ Reinforcing Steel (Deformed, Grade 40) including #16 G.I. Wire	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	10mmØ and 12mmØ Reinforcing Steel (Deformed, Grade 40) including #16 G.I. Wire		kg.		
2	#16 GI Tie Wire		kg.		
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				
2	Bar Cutter				
3	Bar Bender				
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					-
(g) Value Added Tax					-
(h) Total Price					-

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
3	Structural Works				
3.1.4	16mmØ, 20mmØ and 25mmØ Reinforcing Steel (Deformed, Grade 60) including #16 G.I. Wire	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Reinforcing Steel (Deformed, Grade 60)		kg.		
2	#16 GI Tie Wire		kg.		
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				
2	Bar Cutter				
3	Bar Bender				
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					-
(g) Value Added Tax					-
(h) Total Price					-

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
3	Structural Works				
3.1.3	Formworks and Falseworks	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	1"x4" x 8" Phenolic Board - 2 uses		pc.		
2	Good Lumber - 2 uses		pc.		
3	Assorted Common Wire Nails		kg.		
4	#16 Tie Wire		kg.		
5	Consumables (5% of Material Cost)		lot		
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				
2	Scaffoldings				
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					-
(g) Value Added Tax					-
(h) Total Price					-

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
3.	Structural Works				
3.1.6	Lean Concrete (Ready Mix, 1500psi)	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Ready Mix Concrete , 2000 psi		cu.m		
2					
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2	Pump Crete				
3	Concrete Vibrator				
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
3.	Structural Works				
3.1.7	1.5mm thk Galvanized Steel Deck for Suspended Slab including consumables	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	1.5mm thk Galvanized Steel Deck for Suspended Slab including consumables		sq.m.		
2					
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
3.	Structural Works				
3.1.8	Roof Framing and Materials for Solar Panel Battery Storage Room including bending accessories and consumables	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	2" x 2" x 6.0mm thk. Angle Bar		m.		
2	1 1/2" x 1 1/2" x 4.5mm thk. Angle Bar		m.		
3	2" x 4" x 1.5mm thk. C-Purlins		m.		
4	10mm thk. Steel Plate		sq.m.		
5	2"x2"x1.5mm thk. Tubular		m.		
6	1"x2"x1.5mm thk. Tubular		m.		
7	0.50mm thk. Roof Sheet		lm.		
8	0.50 mm thk. End Flashings		lm.		
9	0.50 mm thk. Gutter		lm.		
10	Consumables (Welding Rod, Teckscrew, Rivets and Sealant etc.)		lot		
(a) Total Cost of Materials					
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)			-	
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
3.	Structural Works				
3.1.8	Drainage System including restoration of affected areas	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Excavation		cu.m.		
2	Formworks		cu.m.		
3	Concreteing 3000 psi (Ready Mix)		cu.m.		
4	10mm Ø DSB Grade 40		kg.		
5	#16 G.I Tie Wire		kg.		
6	Gravel Bedding		cu.m.		
7	Steel Cover		set		
8					
9					
10					
(a) Total Cost of Materials					
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					
(e) Indirect Costs: OCM and Profit					
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.1.1	5" CHB Wall System including 10mm Ø vertical rebars @ 0.40m & horizontal rebars @ every 2 layers of CHB and 1 pack of sahara at every 1 bags of cement mix for mortar	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	5" CHB		pc.		
2	10mm Ø rebars		kg.		
3	40kg cement		bag		
4	Cementitious Waterproofing		bag		
5	Sand		cu.m.		
6	#16 Tie Wire		kg.		
7	Consumables		lot		
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)				-	
(e) Indirect Costs: OCM and Profit				-	
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.1.2	4" CHB Wall System including 10mm Ø vertical rebars @ 0.60m & horizontal rebars @ every 3 layers of CHB	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	4" CHB		pc.		
2	10mm Ø rebar		bag		
3	40kg. cement		bag		
4	Sand		cu.m.		
5	#16 Tie Wire		kg.		
6	Consumables		lot		
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)				-	
(e) Indirect Costs: OCM and Profit				-	
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
 Location: San Isidro Campus, Tarlac State University

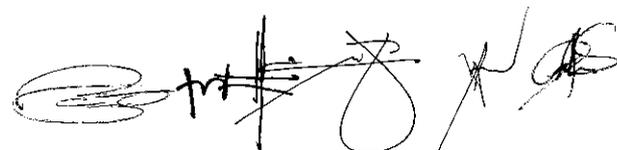
Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.2	Partitions, Doors and Windows	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	D1 DOOR PANEL: 50mm DOUBLE-LEAF GI SHEET PANEL GA. 18 (SMOOTH PAINT FINISH) DOOR JAMB: GA.16 GI SHEET 50/150 CASED OPEN (SMOOTH PAINT FINISH) DOOR INSULATION: HONEYCOMB KICK PLATE: 1.2mm THK. S304 STAINLESS STEEL TRANSOM WINDOW FRAME: GA.16 GI SHEET 50/150 TRANSOM GLASS: 6mm THK. CLEAR TEMPERED GLASS PEEP WINDOW GLASS: 6mm THK. CLEAR TEMPERED GLASS HINGES: HEAVY DUTY BALL BEARING (1 @ TOP 1 @ MID 1 @ BOTTOM) DEADBOLT: STAINLESS STEEL HEAVY DUTY DOUBLE CYLINDER PULL HANDLE: 300mm x 100mm x 1.5mm THK. ROUND HEAVY DUTY STAINLESS STEEL WITH PLATE DOOR CLOSER: AUTOMATIC HEAVY DUTY STAINLESS STEEL FOR STEEL DOOR		set		
2	D2 DOOR PANEL: 50mm SINGLE-LEAF GI SHEET PANEL GA. 18 (SMOOTH PAINT FINISH) DOOR JAMB: GA.16 GI SHEET 50/150 SINGLE RABBET (SMOOTH PAINT FINISH) DOOR INSULATION: HONEYCOMB LOUVER: 0.80mm thk. Z PROFILE BLADES GALVANIZED STEEL HINGES: HEAVY DUTY BALL BEARING (1 @ TOP 1 @ MID 1 @ BOTTOM) DEADBOLT: STAINLESS STEEL HEAVY DUTY DOUBLE CYLINDER PULL HANDLE: 300mm x 100mm x 1.5mm THK. ROUND HEAVY DUTY STAINLESS STEEL WITH PLATE DOOR CLOSER: AUTOMATIC HEAVY DUTY STAINLESS STEEL FOR STEEL DOOR		set		
3	D3 DOOR PANEL: 50mm SINGLE-LEAF GI SHEET PANEL GA. 18 (SMOOTH PAINT FINISH) DOOR JAMB: GA.16 GI SHEET 50/150 SINGLE RABBET (SMOOTH PAINT FINISH) DOOR INSULATION: HONEYCOMB LOUVER: 0.80mm thk. Z PROFILE BLADES GALVANIZED STEEL HINGES: HEAVY DUTY BALL BEARING (1 @ TOP 1 @ MID 1 @ BOTTOM) DEADBOLT: STAINLESS STEEL HEAVY DUTY DOUBLE CYLINDER PULL HANDLE: 300mm x 100mm x 1.5mm THK. ROUND HEAVY DUTY STAINLESS STEEL WITH PLATE DOOR CLOSER: AUTOMATIC HEAVY DUTY STAINLESS STEEL FOR STEEL DOOR		set		

4	D4 DOOR PANEL: 50mm SINGLE-LEAF GI SHEET PANEL GA. 18 (SMOOTH PAINT FINISH) DOOR JAMB: GA.16 GI SHEET 50/150 DOUBLE RABBET (SMOOTH PAINT FINISH) DOOR INSULATION: HONEYCOMB LOUVER: 0.80mm thk. Z PROFILE BLADES GALVANIZED STEEL KICK PLATE: 1.2mm THK. S304 STAINLESS STEEL HINGES: HEAVY DUTY BALL BEARING (1 @ TOP 1 @ MID 1 @ BOTTOM) DEADBOLT: STAINLESS STEEL HEAVY DUTY DOUBLE CYLINDER PULL HANDLE: 300mm x 100mm x 1.5mm THK. ROUND HEAVY DUTY STAINLESS STEEL WITH PLATE DOOR CLOSER: AUTOMATIC HEAVY DUTY STAINLESS STEEL FOR STEEL DOOR		set		
5	D5 DOOR PANEL: 50mm DOUBLE-LEAF GI SHEET PANEL GA.18 (SMOOTH PAINT FINISH) DOOR JAMB: GA.16 GI SHEET 50/150 SINGLE RABBET (SMOOTH PAINT FINISH) DOOR INSULATION: HONEYCOMB KICK PLATE: 1.2mm THK. S304 STAINLESS STEEL TRANSOM WINDOW FRAME: GA.16 GI SHEET 50/150 TRANSOM GLASS: 6mm THK. CLEAR TEMPERED GLASS PEEP WINDOW GLASS: 6mm THK. CLEAR TEMPERED GLASS HINGES: HEAVY DUTY BALL BEARING (1 @ TOP 1 @ MID 1 @ BOTTOM) DEADBOLT: STAINLESS STEEL HEAVY DUTY DOUBLE CYLINDER PULL HANDLE: 300mm x 100mm x 1.5mm THK. ROUND HEAVY DUTY STAINLESS STEEL WITH PLATE DOOR CLOSER: AUTOMATIC HEAVY DUTY STAINLESS STEEL FOR STEEL DOOR		set		
6	D6 DOOR PANEL: 12mm thk. TEMPERED GLASS SINGLE-LEAF DOOR WITH FROSTED DECALS ACCESSORY: FD100 CLOSER TOP & BOTTOM FRAME WITH S304 STAINLESS H-TYPE DOOR HANDLE AND COMPLETE ACCESSORIES		set		
7	D7 DOOR PANEL: 12mm thk. DOUBLE-LEAF TEMPERED GLASS DOOR WITH FROSTED DECALS ACCESSORY: FD100 CLOSER TOP & BOTTOM FRAME WITH S304 STAINLESS H-TYPE DOOR HANDLE AND COMPLETE ACCESSORIES		set		
8	D8 DOOR PANEL: 50mm SINGLE-LEAF TANGUILE WOOD PANEL DOOR DOOR JAMB: GA.16 GI SHEET 50/150 SINGLE RABBET (SMOOTH PAINT FINISH) HINGES: HEAVY DUTY BALL BEARING (1 @ TOP 1 @ MID 1 @ BOTTOM) KNOB: 32mm ϕ x 300mm D-TYPE STAINLESS STEEL ROUND DOOR HANDLE		set		
9	P1 ALUMINUM FIXED WINDOW WITH AWNING WINDOW IN 1-3/4" X 4" AND 4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 10mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS WITH COMPLETE ACCESSORIES AND 0.40m X 0.40m SLOT FOR EXHAUST VENT WITH LOUVERS		set		
10	P2 ALUMINUM FIXED WINDOW WITH AWNING TRANSOM IN 1-3/4" X 4" AND 4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. CLEAR TEMPERED GLASS WITH COMPLETE ACCESSORIES		set		
11	P3 ALUMINUM FIXED WINDOW WITH AWNING TRANSOM IN 1-3/4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS WITH COMPLETE ACCESSORIES		set		
12	P4 ALUMINUM FIXED WINDOW WITH AWNING TRANSOM IN 1-3/4" X 4" AND 4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. CLEAR TEMPERED GLASS WITH COMPLETE ACCESSORIES		set		

13	P5 ALUMINUM FIXED WITH TRANSOM WINDOW IN 1-3/4" X 4" AND 4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 10mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS WITH COMPLETE ACCESSORIES		set		
14	P6 ALUMINUM FIXED WINDOW WITH AWNING TRANSOM IN 1-3/4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS (EXTERIOR) WITH COMPLETE ACCESSORIES		set		
15	P7 ALUMINUM FIXED 10mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS WINDOW WITH JALOUSIE WINDOW AND AWNING TRANSOM IN 1-3/4" X 4" 4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS WITH COMPLETE ACCESSORIES		set		
16	W1 ALUMINUM FIXED WINDOW WITH AWNING TRANSOM IN 1-3/4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS (EXTERIOR) WITH COMPLETE ACCESSORIES		set		
17	W2 ALUMINUM AWNING WINDOW IN 1-3/4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS WITH COMPLETE ACCESSORIES		set		
18	W3 ALUMINUM AWNING WINDOW IN 1-3/4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS WITH COMPLETE ACCESSORIES		set		
19	W4 ALUMINUM AWNING WINDOW IN 1-3/4" X 4" AND 4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS WITH COMPLETE ACCESSORIES		set		
20	W5 ALUMINUM FIXED WINDOW IN 1-3/4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. CLEAR TEMPERED GLASS WITH FROSTED DECAL		set		
21	W6 ALUMINUM AWNING WINDOW IN 1-3/4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS WITH COMPLETE ACCESSORIES		set		
22	W7 ALUMINUM FIXED WINDOW WITH AWNING TRANSOM IN 1-3/4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. CLEAR TEMPERED GLASS WITH COMPLETE ACCESSORIES		set		
23	W8 ALUMINUM AWNING WINDOW IN 1-3/4" X 4" BLACK POWDER-COATED ALUMINUM FRAME WITH 6mm THK. ONE-WAY REFLECTIVE BRONZE TINTED TEMPERED GLASS (EXTERIOR) WITH COMPLETE ACCESSORIES		set		
24	RD GALVALUME GAUGE #20 MOTORIZED ROLL-UP DOOR WITH REMOTE CONTROL, AND CHAIN HOIST MECHANISM FOR EMERGENCY MANUAL OPERATION AND COMPLETE ACCESSORIES		set		
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				

3	Unskilled Worker			
4				
5				
(b) Total Cost of Labor				-
C. Equipment Utilization				
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost
1	Minor Tools (10% of Labor Cost)			-
2				
3				
4				
5				
(c) Total Cost for Equipment Utilization				-
(d) Total Direct Costs = (a) + (b) + (c)			-	
(e) Indirect Costs: OCM and Profit			-	
(f) Total Direct and Indirect Costs = (d) + (e)				
(g) Value Added Tax				
(h) Total Price				

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.3.1.	Semi-Gloss Latex Paint Finish for Walls, Columns, Beams, Plant Boxes, Zocalo, Ledges etc. (surface preparation, primer and top coats)	1.00	lot		
A.	Materials				
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Primer		gal.		
2	Patching Compound		gal.		
3	Semi-Gloss Latex (2 top coats)		gal.		
4	Consumables		lot		
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B.	Labor				
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C.	Equipment Utilization				
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.3.2.	Enamel Paint Finish for Ceiling Steel Deck (surface preparation, primer and top coats)	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Glazing Putty	gal.			
2	Black Quick-dry Enamel	gal.			
3	Paint Thinner	ltr.			
4	Consumables	lot			
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)				-	
(e) Indirect Costs: OCM and Profit				-	
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.4.1	Smooth Plain Cement Finish	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Cement		bag		
2	Consumables		lot		
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)				-	
(e) Indirect Costs: OCM and Profit				-	
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.4.2	Smooth Gement Finish with Control Joint	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Cement		bag		
2	Consumables		lot		
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)				-	
(e) Indirect Costs: OCM and Profit				-	
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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[Date]

Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.4.3.	Polyurethane Coating with Cementitious Water Proofing (5 coats)	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Cementitious Water Proofing		bag		
2	Polyurethane Paint		gal.		
3	Consumables		lot		
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)				-	
(e) Indirect Costs: OCM and Profit				-	
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.4.4	20cm x 20cm Pervious Pavers including topping and adhesive	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	20cm x 20cm Pervious Pavers		pc.		
2	Vibro Sand		cu.m.		
3					
4					
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)				-	
(e) Indirect Costs: OCM and Profit				-	
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.5.1	Decoblocks System including reinforcement, adhesive and mortar	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Decoblocks		pc.		
2	10mm Ø rebar		kg.		
3	40kg cement		bag		
4	Sand		cu.m		
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)				-	
(e) Indirect Costs: OCM and Profit				-	
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)

Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
4	Architectural Works				
4.5.2	Smooth Cement Plastering for Walls, Columns, Beams, Plant Boxes, Zocalo, Ledges etc. (including wire mesh installation where plaster thickness exceeds 1 inch and 1 pack of water proofing compound at every 1 bags of cement mix for plastering)	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Vibro Sand		cu.m		
2	Cement		bag		
3	Cementitious waterproofing		bag		
4	Consumables		lot		
5					
6					
7					
8					
9					
10					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools (10% of Labor Cost)				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)				-	
(e) Indirect Costs: OCM and Profit				-	
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
5	Electrical Works				
5.1	Electrical Rough-ins System	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	1/2" Ø PVC Rigid Conduit SCH40		pc		
2	3/4" Ø PVC Rigid Conduit SCH40		pc		
3	1" Ø PVC Rigid Conduit SCH40		pc		
4	1-1/2" Ø PVC Rigid Conduit SCH40		pc		
5	2" Ø PVC Rigid Conduit SCH40		pc		
6	4" Ø PVC Rigid Conduit SCH40		pc		
7	1" Ø PVC Long Elbow SCH40		pc		
8	4" Ø PVC Long Elbow SCH40		pc		
9	1-1/2" Ø EMT Conduit		pc		
10	2" Ø EMT Conduit		pc		
11	2-1/2" Ø EMT Conduit		pc		
12	3" Ø EMT Conduit		pc		
13	2600x300x200mm #16 G.I. Auxiliary Gutter		pc		
14	1750x300x200mm #16 G.I. Auxiliary Gutter		pc		
15	1500x300x200mm #16 G.I. Auxiliary Gutter		pc		
16	1100x900x900mm Concrete Pullbox with Manhole		cu.m		
17	600mmx150mm Concrete Encasement		cu.m		
18	Fittings and Conduit Supports (junction box, pullbox, Utility box, adaptor, locknut, coupling, unistrat channel, unistrat strap, full-thread round rod, expansion/anchor bolt, bolts, nuts, washer, etc.)		lot		
19	Consumable Hardware (pvc cement, G.I. wire, caution tape, etc.)		lot		
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Electrician				
2	Labor				
3					
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1					
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
6.	Plumbing Works				
6.1.	Sanitary Waste Pipes, Traps, and Fittings	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	6" Ø S1000 PVC Pipe		m		
2	4" Ø S1000 PVC Pipe		m		
3	3" Ø S1000 PVC Pipe		m		
4	2" Ø S1000 PVC Pipe		m		
5	2" Ø PVC P-trap Assembly		pc		
6	3" Ø PVC P-trap Assembly		pc		
7	Pipe Hangers including expansion bolt and full threaded rod with nuts and washer		set		
8	Assorted Fittings, consumables, etc		lot		
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)

Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
6.	Plumbing Works				
6.2.	Storm Drain Pipes and Fittings	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	6" Ø S1000 PVC Pipe		m		
2	4" Ø S1000 PVC Pipe		m		
3	4" Ø Stainless Steel Dome-type Strainer Roof Deck Drain		set		
4	4" Ø G.I. PVC Pipe Clamp		pc		
5	600 mm x 600 mm Catch Basin including excavation, 4" CHB Wall System, concrete base, manhole and 10 mm Ø reinforcement		set		
6	Assorted Fittings, consumables, etc		lot		
7					
8					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)

Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
6.	Plumbing Works				
6.3.	Vent Pipes and Fittings	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	3" Ø S1000 PVC Pipe		m		
2	2" Ø S1000 PVC Pipe		m		
3	3" Ø Vent Screen		pc		
4	Pipe Hangers including expansion bolt and full threaded rod with nuts and washer		set		
5	Assorted Fittings (elbow, tee, adaptor, cap, coupling, etc.)		lot		
6					
7					
8					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)
 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
6.	Plumbing Works				
6.4.	Elevator Drain Pipes and Fittings (Rough-ins)	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	1 1/2" Ø uPVC Blue Pipe		m		
2	Assorted Fittings, consumables, etc		lot		
3					
4					
5					
6					
7					
8					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)

Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
6.	Plumbing Works				
6.5.	Cold Water Supply System	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	75 mm Ø PPR Pipe PN20		m		
2	50 mm Ø PPR Pipe PN20		m		
3	32 mm Ø PPR Pipe PN20		m		
4	20 mm Ø PPR Pipe PN20		m		
5	50 mm Ø PPR Gate Valve		pc		
6	32 mm Ø PPR Gate Valve		pc		
7	20 mm Ø PPR Gate Valve		pc		
8	Pipe Hangers including expansion bolt and full threaded rod with nuts and washer		set		
9	Assorted Fittings (elbow, tee, adaptor, cap, coupling, etc.)		lot		
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)

Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
6.	Plumbing Works				
6.6.	Septic Vault 1	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Excavation		m ³		
2	Concrete Works including 10mm Ø reinforcement		m ³		
3	Waterproofing of inside perimeter wall and floor (surface preparation, application of 3 coats of cementitious waterproofing)		m ²		
4	Plastering (interior wall)		m ²		
5	Manholes		set		
6	Formworks		lot		
7	PVC Pipes and Fittings		lot		
8					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)

Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
6.	Plumbing Works				
6.7.	Septic Vault 2	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Excavation		m ³		
2	Concrete Works including 10mm Ø reinforcement		m ³		
3	Waterproofing of inside perimeter wall and floor (surface preparation, application of 3 coats of cementitious waterproofing)		m ²		
4	Plastering (interior wall)		m ²		
5	Manholes		set		
6	Formworks		lot		
7	PVC Pipes and Fittings		lot		
8					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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 Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
6.	Plumbing Works				
6.8.	Oil Separator Tank	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	Excavation		m ³		
2	Concrete Works including 10mm Ø reinforcement		m ³		
3	4" CHB Wall System including 10mm Ø vertical rebars @ 0.60m & horizontal rebars @ every 3 layers of CHB		m ²		
4	Waterproofing of inside perimeter wall and floor (surface preparation, application of 3 coats of cementitious waterproofing)		m ²		
5	Plastering (interior wall)		m ²		
6	Manholes		set		
7	Formworks		lot		
8	PVC Pipes and Fittings		lot		
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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Name of Contract/Project: Construction of Center for Solar Technology and Innovation Building (Phase I)

Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
7.	Mechanical Works				
7.1.	Standpipe	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	100mm Ø, Black Iron Pipe Sch.40		m		
2	40mm Ø, Black Iron Pipe Sch.40		m		
3	Fire Department Connection (65mm Ø x 65mm Ø x 100mm Ø, UL/FM, Dual Clapper, Flush Mounted, Brass Type with Signages)		set		
4	Indoor Fire Hose Cabinet, Surfaced Type, Complete with 40mm Ø Angle Hose Valve, 40mm Ø Hose Nozzle, 40mm Ø x 30m Fire Hose Double Jacket and, and Hose Rack		pc.		
5	Air Release Valve		pc.		
6	Check Valve 100 mm Ø, UL/FM		pc.		
7	Fittings, Sch. 40, Black Steel (Elbow Standard, Tee Straight, Tee Reducer, Concentric Reducer, Eccentric Reducer, Grooved Fittings, Slip On Flange, Blind Flange, B.I. End Cap and Etc.)		lot		
8	Consumables, Pipe Hangers, Supports and Sleeves, Painting and Etc.		lot		
9					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Highly Skilled Operator				
3	Pipe Fitter				
4	Unskilled Laborer				
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Welding Machine				
2	Threading Machine				
3	Power Tools				
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					-
(g) Value Added Tax					-
(h) Total Price					-

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Location: San Isidro Campus, Tarlac State University

Detailed Unit Price Analysis					
		Qty.	Unit	Unit Price	Total Price
7.	Mechanical Works				
7.2.	Condensate Drain Pipe	1.00	lot		
A. Materials					
Item No.	Description	Qty.	Unit	Unit Cost	Total Cost
1	25mm Ø PVC Blue Pipe		m		
2	80mm Ø PVC Pipe S1000		m		
3	Fittings		lot		
4	Consumables		lot		
5					
6					
7					
8					
(a) Total Cost of Materials					-
B. Labor					
Item No.	Job Type	Man-Days	Wage Rate	Total Cost	
1	Construction Foreman				
2	Skilled Worker				
3	Unskilled Worker				
4					
5					
(b) Total Cost of Labor					-
C. Equipment Utilization					
Item No.	Equipment Utilized	Utilization Period	Utilization Rate	Total Cost	
1	Minor Tools				-
2					
3					
4					
5					
(c) Total Cost for Equipment Utilization					-
(d) Total Direct Costs = (a) + (b) + (c)					-
(e) Indirect Costs: OCM and Profit					-
(f) Total Direct and Indirect Costs = (d) + (e)					
(g) Value Added Tax					
(h) Total Price					

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