University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE						
PROJECT						
ITEM NO.			A1		**Quantity**	**Unit**
NAME OF BOQ ITEM			Offices, Shops, Storage and Workmens Accomodation for Contractor		10.00	Mo.
MATERIALS COST						
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
Field Office		10.00	Mo			
Temp. Bodega		10.00	Mo			
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM		E^1		$F = D*E^1$	
	Custom duties (if applicable)		E^2		$G = D*E^2$	
	PROFIT		E^3		$H = D*E^3$	
	Total Compulsory Items				$I = F+G+H$	
	VAT		E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				$K = I+J$	
	Total Cost of Item				$L = D+K$	
	Unit Cost of Item				$M = L/Q$	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE						
PROJECT						
ITEM NO.		B1			**Quantity**	**Unit**
NAME OF BOQ ITEM		Medical and First aid Kit			10.00	Mo.
MATERIALS COST						
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
Medical and First aid Kit		10.00	Mo			
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM		E^1		$F = D*E^1$	
	Custom duties (if applicable)		E^2		$G = D*E^2$	
	PROFIT		E^3		$H = D*E^3$	
	Total Compulsory Items				$I = F+G+H$	
	VAT		E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				$K = I+J$	
	Total Cost of Item				$L = D+K$	
	Unit Cost of Item				$M = L/Q$	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE						
PROJECT						
ITEM NO.		C1		**Quantity**		**Unit**
NAME OF BOQ ITEM		Permits and Clearances		1.00		lot
MATERIALS COST						
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
Permits and Clearances		1	lot			
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM		E^1		$F = D*E^1$	
	Custom duties (if applicable)		E^2		$G = D*E^2$	
	PROFIT		E^3		$H = D*E^3$	
	Total Compulsory Items				$I = F+G+H$	
	VAT		E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				$K = I+J$	
	Total Cost of Item				$L = D+K$	
	Unit Cost of Item				$M = L/Q$	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE					
PROJECT					
ITEM NO.		D1		**Quantity**	**Unit**
NAME OF BOQ ITEM		Project Billboard/ Sign Board		10.00	Mo
MATERIALS COST					
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
Project Billboard/ Sign Board (2 unit)		10.00	Mo			
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP** **Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM		E^1		$F = D*E^1$	
	Custom duties (if applicable)		E^2		$G = D*E^2$	
	PROFIT		E^3		$H = D*E^3$	
	Total Compulsory Items				$I = F+G+H$	
	VAT		E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				$K = I+J$	
	Total Cost of Item				$L = D+K$	
	Unit Cost of Item				$M = L/Q$	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE

PROJECT

ITEM NO.		E1		Quantity	Unit
NAME OF BOQ ITEM		Occupational Safety, Health Program & Activity		10.00	Mo

MATERIALS COST

Name	Specification Dimension	Quantity	Unit	Unit Price	Amount	Unit Price Component

SUB TOTAL A

EQUIPMENT COST

Name / Model	Capacity HP Prod Rate	No. of Units	No. of Days/Hrs	Daily/Hourly Rate	Amount	Unit Price Component

SUB TOTAL B

LABOR COST

Designation	Prod Rate	Numbers	No of days/hrs	Daily/Hourly Rate	Amount	Unit Price Component
Safety Officer						

SUB TOTAL C

TOTAL DIRECT COST D = A+B+C

Work days to complete	Overhead/Contingency/Profit/Mark-up			
Calendar day to complete	OCM	E^1	$F = D*E^1$	
	Custom duties (if applicable)	E^2	$G = D*E^2$	
	PROFIT	E^3	$H = D*E^3$	
	Total Compulsory Items		$I = F+G+H$	
	VAT	E^4	$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**		$K = I+J$	
	Total Cost of Item		$L = D+K$	
	Unit Cost of Item		$M = L/Q$	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE						
PROJECT						
ITEM NO.		F1		**Quantity**		**Unit**
NAME OF BOQ ITEM		Mobilization/Demobilization		1.00		lot
MATERIALS COST						
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
Mobilization		1	lot			
Demobilization		1	lot			
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP**	**Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM		E^1		$F = D*E^1$	
	Custom duties (if applicable)		E^2		$G = D*E^2$	
	PROFIT		E^3		$H = D*E^3$	
	Total Compulsory Items				$I = F+G+H$	
	VAT		E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				$K = I+J$	
	Total Cost of Item				$L = D+K$	
	Unit Cost of Item				$M = L/Q$	

SHEET NAME : DETAILED PRICE ESTIMATE					
PROJECT					
ITEM NO.		EE1		**Quantity**	**Unit**
NAME OF BOQ ITEM		INSTALLATION OF NEW PANELBOARDS		16.00	Assembly
MATERIALS COST					
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**

Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
ECB300-Enclosed Circuit Breaker @ 300A,3P-MCCB		1.00	assembly			
LPB1A-Lighting Panelboard 1A, 18Branches (see details SLG)		1.00	assembly			
PPB1A- Power Panelboard 1A 16Branches (see details SLG)		1.00	assembly			
LPB1B-Lighting Panelboard 1B, 18Branches (see details SLG)		1.00	assembly			
PPB1B- Power Panelboard 1B 16Branches (see details SLG)		1.00	assembly			
MPB1A Panel (Main: 400A, 3P; 8Branches)		1.00	assembly			
DP01A-Distribution Panel-01A (Main: 1-630A,3P & 3Branches)		1.00	assembly			
ECB32-Enclosed Circuit Breaker@32A w/ Nema 3R Enclosure		4.00	assembly			
ECB50-Enclosed Circuit Breaker@50A w/ Nema 3R Enclosure		4	assembly			
MDP01-Main Distribution Panel No.1 (Main: 1600A, 3P, 460V, 55kAIC-ACB , Branches: 8-250A, & 1-400A MCCB) Pre-Standing Panel		1	assembly			
SUB TOTAL A						
EQUIPMENT COST						

Name / Model	**Capacity HP**	**Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Tools and Equipment							
Heavy duty hand drill							
Angle Grinder							
Ladder							
Wrench							
Knockout Punch tool							
Crimping Tool							
Other Power tools							
SUB TOTAL B							
LABOR COST							

Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Electrical Foreman						
Skilled Electrician						
Helper / Non-Skilled						
SUB TOTAL C						

TOTAL DIRECT COST D = A+B+C					
Work days to complete	Overhead/Contingency/Profit/Mark-up				
Calendar day to complete	OCM		E^1	$F = D*E^1$	
	Custom duties (if applicable)		E^2	$G = D*E^2$	
	PROFIT		E^3	$H = D*E^3$	
	Total Compulsory Items			$I = F+G+H$	
	VAT		E^4	$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**			$K = I+J$	
	Total Cost of Item			$L = D+K$	
	Unit Cost of Item			$M = L/Q$	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE						
PROJECT						
ITEM NO.		EE3			**Quantity**	**Unit**
NAME OF BOQ ITEM		MISCELLANEOUS: INSTALLATION OF NEW PANELBOARDS AND DRY TYPE TRANSFORMER			1.00	lot

MATERIALS COST

Name	Specification Dimension	Quantity	Unit	Unit Price	Amount	Unit Price Component
Fabricated Wire Duct w/ cover, 16in x 4in		12.00	LM			
Consumables		1	lot			

SUB TOTAL A

EQUIPMENT COST

Name / Model	Capacity HP	Prod Rate	No. of Units	No. of Days/Hrs	Daily/Hourly Rate	Amount	Unit Price Component
Tools and Equipment							
Heavy duty hand drill							
Angle Grinder							
Ladder							
Wrench							
Knockout Punch tool							
Welding Machine							
Other Power Tools							

SUB TOTAL B

LABOR COST

Designation	Prod Rate	Numbers	No of days/hrs	Daily/Hourly Rate	Amount	Unit Price Component
Electrical Foreman						
Skilled Electrician						
Welder/Fabricator						
Helper / Non-Skilled						

SUB TOTAL C

TOTAL DIRECT COST D = A+B+C

Work days to complete	Overhead/Contingency/Profit/Mark-up			
Calendar day to complete	OCM	E^1	$F = D*E^1$	
	Custom duties (if applicable)	E^2	$G = D*E^2$	
	PROFIT	E^3	$H = D*E^3$	
	Total Compulsory Items		$I = F+G+H$	
	VAT	E^4	$J = (D+I)*E^4$	
Signature	Total Indirect Cost		$K = I+J$	
	Total Cost of Item		$L = D+K$	
	Unit Cost of Item		$M = L/Q$	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE						
PROJECT						
ITEM NO.		EE4		**Quantity**		**Unit**
NAME OF BOQ ITEM		TESTING AND COMMISSIONING OF EQUIPMENT (Dry Transformer)		1.00		Unit
MATERIALS COST						
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Tools and Equipment						
Wrench						
Digital Clamp Meter						
Insulation Tester						
Other Power tools						
					-	
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Electrical Foreman						
Skilled Electrician						
Helper / Non-Skilled						
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM		E^1		$F = D*E^1$	
	Custom duties (if applicable)		E^2		$G = D*E^2$	
	PROFIT		E^3		$H = D*E^3$	
	Total Compulsory Items				I = F+G+H	
	VAT		E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				K = I+J	
	Total Cost of Item				L = D+K	
	Unit Cost of Item				M = L/Q	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building
UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE					
PROJECT					
ITEM NO.		EE5		**Quantity**	**Unit**
NAME OF BOQ ITEM		SECONDARY POWER SUPPLY FROM MDP1A (@SUBSTATION BLDG.) TO DP1A (APPROX. 130m) TO MPB1A		130.00	Lin.m
MATERIALS COST					

Name	Specification Dimension	Quantity	Unit	Unit Price	Amount	Unit Price Component
RSC Pipe (105mmØ)		24.00	lengths			
RSC Straight Connector (105mmØ)		36.00	pcs			
RSC Locknut & Bushing (105mmØ)		36.00	pcs			
HDPE Spiral Conduit (110mmØ)		1,296.00	LM			
HDPE Spiral Conduit Connector (110mmØ)		58.00	pcs			
HDPE Spacer (110mmØ)		1,080.00	pcs			
Concrete Encasement w/ Deformed Bars		156.00	LM			
Concrete Electrical Manhole- 1.20m(L)x 1.20m(W)x 1.20m(D)		5.00	pcs			
250mm2 THW Copper wire		720.00	m			
100mm2 TW Copper wire, Color-Green (for grounding wire)		240.00	m			
150mm2 THW Copper wire		90.00	m			
60mm2 TW Copper wire, Color-Green (for grounding wire)		24.00	m			
Dry Type Transformer. 3phase, 60hz (460V/230V) 250kVA/200kW-Step Down Transformer		1.00	unit			
Consumables		1	Lot			
SUB TOTAL A						
EQUIPMENT COST						

Name / Model	Capacity HP	Prod Rate	No. of Units	No. of Days/Hrs	Daily/Hourly Rate	Amount	Unit Price Component
Tools and Equipment							
Wrench							
One Bagger Machine							
Mini Back-Hoe							
Boomtruck 3TR							
Rachet Cable Puller							
Hydraulic Crimping Tool							
Other Power tools							
SUB TOTAL B							
LABOR COST							

Designation	Prod Rate	Numbers	No of days/hrs	Daily/Hourly Rate	Amount	Unit Price Component
Electrical Foreman						
Electrician						
Helper						
Lead (Other Skilled)						
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						

Work days to complete	Overhead/Contingency/Profit/Mark-up				
Calendar day to complete	OCM		E^1	$F = D*E^1$	
	Custom duties (if applicable)		E^2	$G = D*E^2$	
	PROFIT		E^3	$H = D*E^3$	
	Total Compulsory Items			$I = F+G+H$	
	VAT		E^4	$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**			$K = I+J$	
	Total Cost of Item			$L = D+K$	
	Unit Cost of Item			$M = L/Q$	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE					
PROJECT					
ITEM NO.		EE6		**Quantity**	**Unit**
NAME OF BOQ ITEM		SECONDARY POWER SUPPLY FROM MPB1A TO LPB1A, PPB1A, LPB1B & PPB1B		90.00	Lin.m
MATERIALS COST					
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
RSC Pipe (65mmØ)		19.20	lengths			
RSC Straight Connector (65mmØ)		15.00	pcs			
RSC Locknut & Bushing (65mmØ)		15.00	pcs			
HDPE Spiral Conduit (75mmØ)		432.00	LM			
HDPE Spiral Conduit Connector (75mmØ)		29.00	pcs			
HDPE Spacer (75mmØ)		288.00	pcs			
HDPE Spiral Conduit (110mmØ)		144.00	LM			
HDPE Spiral Conduit Connector (110mmØ)		15.00	pcs			
HDPE Spacer (110mmØ)		96.00	pcs			
Concrete Encasement w/ Deformed Bars		108.00	LM			
Concrete Electrical Manhole- 1.20m(L)x 1.20m(W)x 1.20m(D)		2.00	pcs			
60mm2 THW Copper wire		360.00	m			
30mm2 THW Copper wire		360.00	m			
14mm2 TW Copper wire, Color-Green (for grounding wire)		120.00	m			
8.0mm2 TW Copper wire, Color-Green (for grounding wire)		120.00	m			
Consumables		1	Lot			
SUB TOTAL A					
EQUIPMENT COST					
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Tools and Equipment						
Wrench						
One Bagger Machine						
Mini Back-Hoe						
Rachet Cable Puller						
Hydraulic Crimping Tool						
Other Power tools						
SUB TOTAL B					
LABOR COST					
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Electrical Foreman						
Electrician						
Helper						
Lead (Other Skilled)						
SUB TOTAL C					
TOTAL DIRECT COST D = A+B+C					
Work days to complete	Overhead/Contingency/Profit/Mark-up				
Calendar day to complete	OCM		E^1		$F = D*E^1$
	Custom duties (if applicable)		E^2		$G = D*E^2$
	PROFIT		E^3		$H = D*E^3$
	Total Compulsory Items				$I = F+G+H$
	VAT		E^4		$J = (D+I)*E^4$
Signature	**Total Indirect Cost**				$K = I+J$
	Total Cost of Item				$L = D+K$
	Unit Cost of Item				$M = L/Q$

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE						
PROJECT						
ITEM NO.		EE7			**Quantity**	**Unit**
NAME OF BOQ ITEM		REWIRING WORKS FOR THE LIGHTING FIXTURES, CIRCUIT HOME-RUN AND POWER SUPPLY LINES FOR THE NEW AIRCONDITIONING UNITS			1.00	lot
MATERIALS COST						
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
3.5mm2 THHN Copper wire		72.00	roll			
5.5mm2 THHN Copper wire		24.00	roll			
15mm dia EMT Pipes w/ EMT Connector		1,440.00	length			
20mm dia EMT Pipes w/ EMT Connector		144.00	length			
15mm dia Flexible Metal Conduit (30m/roll)		12.00	roll			
15mm dia Metal Straight Connector		360.00	pcs			
15mm dia Fittings		1	lot			
20mm dia Fittings		1	lot			
Piping Hangers, Clamps and Supports		1	lot			
Boxes and Splicing Box		1	lot			
Check Up and Replace Damage Lighting Fixtures, Switches		1	lot			
Consumables		1	lot			
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Tools and Equipment						
Heavy duty hand drill						
Angle Grinder						
Ladder						
Wrench						
Knockout Punch tool						
Welding Machine						
Other Power Tools						
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Electrical Foreman						
Electrician						
Helper						
Lead (Other Skilled)						
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM		E^1		$F = D*E^1$	
	Custom duties (if applicable)		E^2		$G = D*E^2$	
	PROFIT		E^3		$H = D*E^3$	
	Total Compulsory Items				$I = F+G+H$	
	VAT		E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				$K = I+J$	
	Total Cost of Item				$L = D+K$	
	Unit Cost of Item				$M = L/Q$	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE					
PROJECT					
ITEM NO.		EE8		**Quantity**	**Unit**
NAME OF BOQ ITEM		CHECK UP AND REPLACE DAMAGE LIGHTING FIXTURES, SWITCHES		1.00	lot
MATERIALS COST					
Name	**Specification Dimension**				**Unit Price Component**
Check Up and Replace Damage Lighting Fixtures, Switches					
High Bay Lighting Fixtures		5	set(s)		
High Bay Lamp 300W		20	set(s)		
Louver Type Lighting Fixtures (2x20W) LED tube		10	set(s)		
T8 Fluorescent Lighting Fixtures (1x20W), LED tube, box type		40	set(s)		
T8 LED FL Tube (20W)		100	set(s)		
4in dia Surface Type Downlight (13W)		20	set(s)		
Switch (2 gang)		30	set(s)		
SUB TOTAL A					
EQUIPMENT COST					
Name / Model	**Capacity HP** **Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate** **Amount**	**Unit Price Component**
Tools and Equipment					
Heavy duty hand drill					
Angle Grinder					
Ladder					
Other Power Tools					
SUB TOTAL B					
LABOR COST					
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate** **Amount**	**Unit Price Component**
Electrician					
Helper					
SUB TOTAL C					
TOTAL DIRECT COST D = A+B+C					
Work days to complete	Overhead/Contingency/Profit/Mark-up				
Calendar day to complete	OCM		E^1	$F = D*E^1$	
	Custom duties (if applicable)		E^2	$G = D*E^2$	
	PROFIT		E^3	$H = D*E^3$	
	Total Compulsory Items			$I = F+G+H$	
	VAT		E^4	$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**			$K = I+J$	
	Total Cost of Item			$L = D+K$	
	Unit Cost of Item			$M = L/Q$	

University of the Philippines Sports Complex Improvements of the Multi-Purpose Building

UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE					
PROJECT					
ITEM NO.		EE9		**Quantity**	**Unit**
NAME OF BOQ ITEM		RELOCATION OF POWER SUPPLY FOR THE STADIUM POLE LIGHTINGS TO MPB1A		200.00	Lin.M
MATERIALS COST					
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
30mm2 THW Copper wire		720.00	m			
8.0mm2 TW Copper wire		240.00	m			
HDPE Spiral Conduit (40mmØ)		240.00	LM			
EMT Pipe (40mmØ)		48.00	length			
EMT Straight Connector (40mmØ)		39.00	pcs			
EMT Coupling (40mmØ)		39.00	pcs			
Locknut & Bushing (40mmØ)		15.00	pcs			
Concrete Encasement for the 40mm dia HDPE (Underground pipings)		240.00	LM			
Pullbox (Nema 3R), 10inx 10in x 4in		5.00	pcs			
ECB125-Enclosed Circuit Breaker w/ 125A,3P-MCCB		3.00	set			
Piping Hanger & Supports		1	lot			
Consumables		1	Lot			
SUB TOTAL A					

EQUIPMENT COST					
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Tools and Equipment						
Heavy duty hand drill					-	
Angle Grinder						
Welding Machine						
Other Power Tools						
SUB TOTAL B					

LABOR COST					
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Electrical Foreman						
Electrician						
Helper						
Lead (Other Skilled)						
SUB TOTAL C					

TOTAL DIRECT COST D = A+B+C				
Work days to complete	Overhead/Contingency/Profit/Mark-up			
Calendar day to complete	OCM	E^1	F = D*E^1	
	Custom duties (if applicable)	E^2	G = D*E^2	
	PROFIT	E^3	H = D*E^3	
	Total Compulsory Items		I = F+G+H	
	VAT	E^4	J = (D+I)*E^4	
Signature	**Total Indirect Cost**		K = I+J	
	Total Cost of Item		L = D+K	
	Unit Cost of Item		M = L/Q	

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UP Mindanao Campus, Mintal, Tugbok District Davao City

SHEET NAME : DETAILED PRICE ESTIMATE					
PROJECT					
ITEM NO.		EE10		**Quantity**	**Unit**
NAME OF BOQ ITEM		PERMANENT POWER SUPPLY LINES FROM DP01A FOR THE FIRE PUMP PROTECTION FACILITY		300.00	Lin.M

MATERIALS COST						
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
60mm2 THHN Copper wire		360.00	m			
14mm2 TW Copper wire		120.00	m			
EMT Pipe (50mmdia)		36.00	length			
EMT Coupling (50mmdia)		36.00	pcs			
EMT LB Fitting (50mmdia)		5.00	pcs			
EMT Elbow (50mmdia)		5.00	pcs			
Locknut & Bushing (50mmdia)		15.00	pcs			
Flexible Metal Conduit (50mmdia)		24.00	m			
RSC Straight Connector (50mmdia)		8.00	pcs			
Pullbox (12x12x4)		5.00	pcs			
Fittings and Hangers		1	lot			
Consumables		1	lot			
SUB TOTAL A						

EQUIPMENT COST						
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Tools and Equipment						
Heavy duty hand drill						
Angle Grinder						
Ladder						
Other Power Tools						
SUB TOTAL B						

LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Electrical Foreman						
Electrician						
Helper						
Lead (Other Skilled)						
SUB TOTAL C						

TOTAL DIRECT COST D = A+B+C					
Work days to complete	Overhead/Contingency/Profit/Mark-up				
Calendar day to complete					
	OCM		E^1		$F = D*E^1$
	Custom duties (if applicable)		E^2		$G = D*E^2$
	PROFIT		E^3		$H = D*E^3$
	Total Compulsory Items				$I = F+G+H$
	VAT		E^4		$J = (D+I)*E^4$
Signature	**Total Indirect Cost**				$K = I+J$
	Total Cost of Item				$L = D+K$
	Unit Cost of Item				$M = L/Q$

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SHEET NAME : DETAILED PRICE ESTIMATE						
PROJECT						
ITEM NO.		EE11		**Quantity**		**Unit**
NAME OF BOQ ITEM		SUPPLY AND INSTALLATION OF SOLAR FLOODLIGHTS FOR ADDITIONAL PERIMETER LIGHTINGS OF MULTI-PURPOSE 1 & 2		15.00		Sets
MATERIALS COST						
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
Solar Floodlight (500W Led) w/ PV Panels		15	sets			
Solar Bracket & Support		1	lot			
Consumables		1	lot			
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Tools and Equipment						
Heavy duty hand drill						
Angle Grinder						
Ladder						
Wrench						
Other Power Tools						
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Electrical Foreman						
Electrician						
Helper						
Lead (Other Skilled)						
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM		E^1		$F = D*E^1$	
	Custom duties (if applicable)		E^2		$G = D*E^2$	
	PROFIT		E^3		$H = D*E^3$	
	Total Compulsory Items				$I = F+G+H$	
	VAT		E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				$K = I+J$	
	Total Cost of Item				$L = D+K$	
	Unit Cost of Item				$M = L/Q$	

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SHEET NAME : DETAILED PRICE ESTIMATE					
PROJECT					
ITEM NO.		EE12		**Quantity**	**Unit**
NAME OF BOQ ITEM		REWIRING OF PAGING SYSTEM PUPPLY LINES & AUXILLIARY WIRINGS		1.00	Lot
MATERIALS COST					
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
2x 2.0mm2 Duplex Shelded Wire		1,800.00	m			
PVC Pipe (25mmdia)		720.00	length			
PVC Pipe (50mmdia)		36.00	length			
PVC Elbow (25mmdia)		72.00	pcs			
PVC Elbow (50mmdia)		20.00	pcs			
Locknut & Bushing (25mmdia)		360.00	pcs			
Locknut & Bushing (50mmdia)		72.00	pcs			
PVC Adopter (25mmdia)		360.00	m			
PVC Adopter (50mmdia)		72.00	pcs			
Pullbox (18x18x4)		29.00	pcs			
Fittings and Hangers		1	lot			
Consumables		1	lot			
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Tools and Equipment						
Heavy duty hand drill						
Angle Grinder						
Ladder						
Wrench						
Other Power Tools						
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Electrical Foreman						
Electrician						
Helper						
Lead (Other Skilled)						
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM		E^1		$F = D*E^1$	
	Custom duties (if applicable)		E^2		$G = D*E^2$	
	PROFIT		E^3		$H = D*E^3$	
	Total Compulsory Items				$I = F+G+H$	
	VAT		E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				$K = I+J$	
	Total Cost of Item				$L = D+K$	
	Unit Cost of Item				$M = L/Q$	

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SHEET NAME : DETAILED PRICE ESTIMATE					
PROJECT					
ITEM NO.		EE13		**Quantity**	**Unit**
NAME OF BOQ ITEM		134.40kWp GRID CONNECTED PV(SOLAR) POWERED SYSTEM, ROOFTOP MOUNTED		134.40	kWp

MATERIALS COST

Name	Specification Dimension	Quantity	Unit	Unit Price	Amount	Unit Price Component
Solar Mounting Support and Steel Railings		1	lot			
Solar PV Modules (400Wp), Monocrystalline type		336	pc(s)			
60kWp-Ongrid w/ Built In MPPT Controller 200Vdc to 1000Vdc		2	Unit			
AC Cable Pipes and Wire Duct		1	lot			
ACDP- AC Distribution Panel w/ power meter and Monitoring devices (Main: 400A,3P MCCB)		1	set			
4mm2 DC (Solar) Cables, 1500Vdc capacity w/ DC Cable pipes/duct		4000	LM			
DC Breakers with Surge Protection Devices @ Combiner Box (applicable if the Solar Inverters has no built-In Combiner Box w/ breakers & SPD)		2	sets			
Grounding System, Including the Lightning Protection Device with Early Streaming Emission, 200kA max. current withstand and 110m radius protection		1	lot			
Consumable Materials		1	lot			

SUB TOTAL A

EQUIPMENT COST

Name / Model	Capacity HP Prod Rate	No. of Units	No. of Days/Hrs	Daily/Hourly Rate	Amount	Unit Price Component
Tools and Equipment						
Wrench						
Scaffoldings						
Boomtruck 3TR						
Rachet Cable Puller						
Hydraulic Crimping Tool						
Other Power tools						

SUB TOTAL B

LABOR COST

Designation	Prod Rate	Numbers	No of days/hrs	Daily/Hourly Rate	Amount	Unit Price Component
Electrical Foreman						
Electrician						
Helper						
Lead (Other Skilled)						

SUB TOTAL C

TOTAL DIRECT COST D = A+B+C

Work days to complete	Overhead/Contingency/Profit/Mark-up			
Calendar day to complete	OCM	E^1	$F = D*E^1$	
	Custom duties (if applicable)	E^2	$G = D*E^2$	
	PROFIT	E^3	$H = D*E^3$	
	Total Compulsory Items		I = F+G+H	
	VAT	E^4	$J = (D+I)*E^4$	
Signature	Total Indirect Cost		K = I+J	
	Total Cost of Item		L = D+K	
	Unit Cost of Item		M = L/Q	

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SHEET NAME : DETAILED PRICE ESTIMATE					
PROJECT					
ITEM NO.		PL1		**Quantity**	**Unit**
NAME OF BOQ ITEM		UPGRADE OF ACCESS FOR PWD FROM RAMP TO INSTALLATION OF LIFT		2.00	Units
MATERIALS COST					
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
Passenger Lift, 250kg Capacity		2.00	Units			
(Hydraulic WheelChair Lift)						
Dimension (1420mm x 1350mm)						
SUB TOTAL A						

EQUIPMENT COST						
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Tools and Equipment						
Wrench						
Scaffoldings						
Boomtruck 3TR						
Rachet Cable Puller						
Other Power tools						
SUB TOTAL B						

LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Skilled						
Unskilled						
Lead						
SUB TOTAL C						

TOTAL DIRECT COST D = A+B+C					
Work days to complete	Overhead/Contingency/Profit/Mark-up				
Calendar day to complete	OCM	E^1		$F = D*E^1$	
	Custom duties (if applicable)	E^2		$G = D*E^2$	
	PROFIT	E^3		$H = D*E^3$	
	Total Compulsory Items			$I = F+G+H$	
	VAT	E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**			$K = I+J$	
	Total Cost of Item			$L = D+K$	
	Unit Cost of Item			$M = L/Q$	

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SHEET NAME : DETAILED PRICE ESTIMATE						
PROJECT						
ITEM NO.		PL2			**Quantity**	**Unit**
NAME OF BOQ ITEM		REMOVAL OF EXISTING CEILING AND REPAINTING OF EXPOSED STEEL TRUSSES AND SUPPORT @ STADIUM 1&2 SECOND FLOOR AREA EXCLUDING OFFICE, VIP AND MEDIA ROOM			1.00	lot
MATERIALS COST						
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
Painting Materials		1.00	lot			
	(actual color base on the approve by the end user)					
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Scaffolding Rentals						
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Skilled						
Unskilled						
Lead						
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM		E^1		$F = D*E^1$	
	Custom duties (if applicable)		E^2		$G = D*E^2$	
	PROFIT		E^3		$H = D*E^3$	
	Total Compulsory Items				$I = F+G+H$	
	VAT		E^4		$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				$K = I+J$	
	Total Cost of Item				$L = D+K$	
	Unit Cost of Item				$M = L/Q$	

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SHEET NAME : DETAILED PRICE ESTIMATE						
PROJECT						
ITEM NO.		PL3		**Quantity**		**Unit**
NAME OF BOQ ITEM		TESTING AND COMMISSIONING (OVERALL)		1.00		lot
MATERIALS COST						
Name	**Specification Dimension**	**Quantity**	**Unit**	**Unit Price**	**Amount**	**Unit Price Component**
SUB TOTAL A						
EQUIPMENT COST						
Name / Model	**Capacity HP** **Prod Rate**	**No. of Units**	**No. of Days/Hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Complete Testing Equipment						
Insulation Tester						
Electrical Load Tester						
SUB TOTAL B						
LABOR COST						
Designation	**Prod Rate**	**Numbers**	**No of days/hrs**	**Daily/Hourly Rate**	**Amount**	**Unit Price Component**
Electrical/Instrumentation Engineer						
Skilled						
Unskilled						
SUB TOTAL C						
TOTAL DIRECT COST D = A+B+C						
Work days to complete	Overhead/Contingency/Profit/Mark-up					
Calendar day to complete	OCM			E^1	$F = D*E^1$	
	Custom duties (if applicable)			E^2	$G = D*E^2$	
	PROFIT			E^3	$H = D*E^3$	
	Total Compulsory Items				$I = F+G+H$	
	VAT			E^4	$J = (D+I)*E^4$	
Signature	**Total Indirect Cost**				$K = I+J$	
	Total Cost of Item				$L = D+K$	
	Unit Cost of Item				$M = L/Q$	