

BILL OF QUANTITIES

Name of Project: PROPOSED FOUR (4) STOREY CSC-CAR LEARNING & DEVELOPMENT CENTER BUILDING
 Location: Wagner Road, Military Cut-off, Baguio City

ANNEX "B"

ITEM 301 REMOVAL OF OBSTRUCTIONS
 Demolition of Guards' Quarters
 Quantity= 540.00 sq. M.
 Output= 180.00 sq. m/day Duration= 3 days

Designation	No. of Person	No. of Days	Daily Rate	Amount
1. Labor:				
Const. Foreman	1	3		
Skilled Laborers	2	3		
Laborers	10	3		
<i>Sub - Total for 1</i>				
Name and Capacity	No. of Units	No. of Days	Unit Cost	Amount
2. Equipment:				
Power Tools	1.00	3		
Minor Tools (10% of Labor)	-	-		
<i>Sub - Total for 2</i>				
Name and Specification	Unit	Quantity	Unit Cost	Amount
3. Materials:				
<i>Sub - Total for 3</i>				
Direct Cost:				
OCM/CP				
VAT			17%	
Item Cost			5%	
Total Unit Cost				

1
 pag

Name of Project: PROPOSED FOUR (4) STOREY CSC-CAR LEARNING & DEVELOPMENT CENTER BUILDING
 Location: Wagner Road, Military Cut-off, Baguio City

ITEM 802 STRUCTURE EXCAVATION
 Quantity= 360.00 cu. m.
 Output= 20.00 cu. m./day Duration= 18 days

Designation	No. of Person	No. of Days	Daily Rate	Amount
1. Labor :				
Const. Foreman	1	18		
Skilled Laborers	4	18		
Laborers	8	18		
<i>Sub - Total for 1</i>				
Name and Capacity	No. of Units	No. of Days	Unit Cost	Amount
2. Equipment :				
dumptruck (10 cu. M.)	1.00	5		
back hoe (.80 cu. M.)	1.00	5		
minor tools (10% Labor)	-	-		
<i>Sub - Total for 2</i>				
Name and Specification	Unit	Quantity	Unit Cost	Amount
3. Materials :				
<i>Sub - Total for 3</i>				
Direct Cost				
OCM/CP				
VAT			17%	
Item Cost			5%	
Total Unit Cost				

Name of Project: PROPOSED FOUR (4) STOREY CSC-CAR LEARNING & DEVELOPMENT CENTER BUILDING
 Location: Wagner Road, Military Cut-off, Baguio City

ITEM 804 EMBANKMENT (Selected Fill Materials above Grade)

Quantity= 96.60 cu. m.
 Output= 2.00 cu. m./MD Duration= 2 days

Designation	No. of Person	No. of Days	Daily Rate	Amount
1. Labor:				
Const Foreman	1	2		
Laborers	12	2		
<i>Sub - Total for 1</i>				
Name and Capacity	No. of Units	No. of Days	Unit Cost	Amount
2. Equipment:				
plate compactor 5hp	1	2		
dumptruck	1	2		
<i>Sub - Total for 2</i>				
Name and Specification	Unit	Quantity	Unit Cost	Amount
3. Materials:				
selected fill materials	cu. m.	96.60		
<i>Sub - Total for 3</i>				
Direct Cost				
OCM/CP			17%	
VAT			5%	
Item Cost				
Total Unit Cost				

3

Name of Project: PROPOSED FOUR (4) STOREY CSC-CAR LEARNING & DEVELOPMENT CENTER BUILDING
 Location: Wagner Road, Military Cut-off, Baguio City

ITEM 1000 TERMITE CONTROL

Quantity= 130.00 sq. m.
 Output= 20.40 sq. m./day Duration= 1 day

Designation	No. of Person	No. of Days	Daily Rate	Amount
1. Labor:				
Const Foreman	1	1		
Skilled Laborers (Pest Exterminators)	2	1		
<i>Sub - Total for 1</i>				
Name and Capacity	No. of Units	No. of Days	Unit Cost	Amount
2. Equipment:				
chemical spray equipment	2	1		
<i>Sub - Total for 2</i>				
Name and Specification	Unit	Quantity	Unit Cost	Amount
3. Materials:				
lentrex soil poisoning solution or any equivalent material	liters	30		
<i>Sub - Total for 3</i>				
Direct Cost				
OCM/CP			17%	
VAT			5%	
Item Cost				
Total Unit Cost				

4

ITEM 000 CONCRETE WORKS

Quantity= 391.26 cu. m.

Output= 11.20 cu. m./day

Duration= 35.00 days

Designation	No. of Person	No. of Days	Daily Rate	Amount
1. Labor				
a. Formwork Installation 1,116 sq. m.				
Const. Foreman	1	35.00		
Skilled Laborers	4	35.00		
Laborers	12	35.00		
b. Formworks fabrication 1,116 sq. m.				
Const. Foreman	1	35.00		
Skilled Laborers	4	35.00		
Laborers	12	35.00		
c. Stripping of Forms 1,116 sq. m.				
Const. Foreman	1	18.00		
Skilled Laborers	4	18.00		
Laborers	12	18.00		
d. Pouring of Concrete				
Const. Foreman	1	35.00		
Skilled Laborers	4	35.00		
Laborers	12	35.00		
<i>Sub - Total for 1</i>				
Name and Capacity	No. of Units	No. of Days	Unit Cost	Amount
2. Equipment				
1-bagger concrete mixer	1	35.00		
portable concrete vibrator	1	35.00		
water truck	1	7.00		
mixing box	1	35.00		
H-frame/GI pipe scaffolds	150	35.00		
<i>Sub - Total for 2</i>				
Name and Specification	Unit	Quantity	Unit Cost	Amount
3. Materials				
portland cement	bags	3,521.00		
sand	cu. m.	313.00		
gravel	cu. m.	391.00		
gravel bedding	cu. m.	9.00		
1/2" thk. plywood	pcs.	117.00		
form lumbers	bd. Ft.	1,467		
lumber scaffolds	bd. Ft.	1,200.00		
common wire nails (assorted)	kgs.	254.00		
<i>Sub - Total for 3</i>				
Direct Cost				
OCM/CP			17%	
VAT			5%	
Item Cost				
Total Unit Cost				

ITEM 404 REINFORCING STEEL BARS

Quantity= 51,265.23 kgs
 Output= 68.00 kg./MD
 85.00 kg./MD
 Fabrication
 Installation

Designation	No. of Person	No. of Days	Daily Rate	Amount
1. Labor :				
a. Fabrication (Cut & Bend) 68kgs/md				
Const. Foreman	1	60.00		
Skilled Laborers	4	60.00		
Laborers	12	60.00		
b. Placing of Reinforcements 85kgs/md				
Const. Foreman	1	50.00		
Skilled Laborers	4	50.00		
Laborers	12	50.00		
<i>Sub - Total for 1</i>				
Name and Capacity	No. of Units	No. of Days	Unit Cost	Amount
2. Equipment :				
disk grinder/cutter	1.00	60.00		
bar bender	1.00	60.00		
welding machine	1.00	60.00		
<i>Sub - Total for 2</i>				
Name and Specification	Unit	Quantity	Unit Cost	Amount
3. Materials :				
(970 pcs.)- 20mm x 9m RSB (Grade 60)	kgs.	21,528.18		
(390 pcs.)- 20mm x 7.5m RSB (Grade 60)	kgs.	7,213.05		
(210 pcs.)- 20mm x 6m RSB (Grade 60)	kgs.	3,107.16		
(1780 pcs.)- 12mm x 6m RSB	kgs.	9,483.84		
(154 pcs.)- 10mm x 7.5m RSB	kgs.	711.48		
(2495 pcs.)- 10mm x 6m RSB	kgs.	9221.52		
no. 16 GI Tie wire	kgs.	769		
.60mm thick steel decking	sq. m.	715		
<i>Sub - Total for 3</i>				
Direct Cost				
CCM/CP			17%	
VAT			5%	
Item Cost				
Total Unit Cost				

6

Name of Project: PROPOSED FOUR (4) STOREY CSC-CAR LEARNING & DEVELOPMENT CENTER BUILDING
 Location: Wagner Road, Military Cut-off, Baguio City

ITEM 506 MASONRY WORKS

Quantity= 1,116.00 sq.m.

Output= 5.10 sq. m./day

Duration= 18.00 days

Designation	No. of Person	No. of Days	Daily Rate	Amount
1. Labor:				
a. CHB Laying (1,116 sq. M.)				
Const. Foreman	1	18.00		
Skilled Laborers	4	18.00		
Laborers	10	18.00		
b. Plastering(2,232 sq. M.)				
Const. Foreman	1	36.00		
Skilled Laborers	4	36.00		
Laborers	10	36.00		
<i>Sub - Total for 1</i>				
Name and Capacity	No. of Units	No. of Days	Unit Cost	Amount
2. Equipment:				
<i>Sub - Total for 2</i>				
Name and Specification	Unit	Quantity	Unit Cost	Amount
3. Materials:				
a. CHB Laying (1,116 sq. M.)				
4" thk. CHB	pcs.	14,508		
sand	cu. m.	49		
cement	bags	586		
1280 pcs.-10mm dia RSL	kgs	4,730.88		
no. 16 GI tie wire	kgs	71		
b. Plastering(2,232 sq. m.)				
sand	cu. m.	113		
cement	bags	1247		
<i>Sub - Total for 3</i>				
Direct Cost				
OCM/CP			17%	
VAT			5%	
Item Cost				
Total Unit Cost				

7

Name of Project: PROPOSED FOUR (4) STOREY CSC-CAR LEARNING & DEVELOPMENT CENTER BUILDING
 Location: Wagner Road, Military Cut-off, Baguio City

ITEM 403 METAL STRUCTURES (Steel Truss)
 Quantity= 420.00 sq. m.
 Output= 12.00 sq. m./day Duration= 35.00 days

Designation	No. of Person	No. of Days	Daily Rate	Amount
1. Labor:				
Const. Foreman	1	35.00		
Skilled Laborers	4	35.00		
Laborers	12	35.00		
<i>Sub - Total for 1</i>				
Name and Capacity	No. of Units	No. of Days	Unit Cost	Amount
2. Equipment:				
welding machine	1.00	35.00		
disk grinder/cutter	1.00	35.00		
acetylene with cutting outfit	1.00	35.00		
<i>Sub - Total for 2</i>				
Name and Specification	Unit	Quantity	Unit Cost	Amount
3. Materials:				
2"x4" c-purlins	pcs.	105		
2" x 6" C-fascia boards	pcs.	294		
1/4"x3"x3" angle bars	pcs.	630		
1/4"x2.5"x2.5" angle bars	pcs.	420		
welding rods	boxes	16		
gusset plates (1/4" x 8000 x 1000mm)	sq. m.	8		
misc. hardware materials (hacksaw blades, drill beat, bolts etc.)	ls	1		
<i>Sub - Total for 3</i>				
Direct Cost				
OCM/CP			17%	
VAT			5%	
Item Cost				
Total Unit Cost				

Name of Project: PROPOSED FOUR (4) STOREY CSC-CAR LEARNING & DEVELOPMENT CENTER BUILDING
 Location: Wagner Road, Military Cut-off, Baguio City

ITEM 1013 TINNERY WORKS

Quantity= 410.00 sq. m.
 Output= 26.00 sq. m./day Duration= 16.00 days

Designation	No. of Person	No. of Days	Daily Rate	Amount
1. Labor:				
Const. Foreman	1	16.00		
Skilled Laborers	4	16.00		
Laborers	8	16.00		
<i>Sub - Total for 1</i>				
Name and Capacity	No. of Units	No. of Days	Unit Cost	Amount
2. Equipment:				
set-power tools	1	16.00		
<i>Sub - Total for 2</i>				
Name and Specification	Unit	Quantity	Unit Cost	Amount
3. Materials:				
.6mm thk. pre-painted roof sheets (baguio green)	sq. m.	360		
pre-painted spandrel under coiling sheets (beige)	sq. m.	160		
pre-painted ridge cap (baguio green)	lm	60		
pre-painted flashing (beige)	lm	120		
stainless gutter	lm	110		
3" dia. PVC downspout (orange)	pcs.	120		
3" PVC wye connector	pcs.	24		
3" PVC elbow	pcs.	64		
3" PVC connector	pcs.	32		
tekscrew	pcs.	11,440		
Misc. (PVC fittings, PVC sealant, hangers, rivets etc.)	lot	1		
<i>Sub - Total for 3</i>				
Direct Cost				
GCM/CP			17%	
VAT			5%	
Item Cost				
Total Unit Cost				

9

Name of Project: PROPOSED FOUR (4) STOREY CSC-CAR LEARNING & DEVELOPMENT CENTER BUILDING
 Location: Wagner Road, Military Cut-off, Baguio City

ITEM 1018 TILEWORKS

Quantity= 1,022.12 sq. m. sq. M.
 Flooring 618.00 sq. m.
 Restrm. Floor 97.00 sq. m.
 Restrm. walls 213.12 sq. m.
 stairs 28.00 sq. m.
 driveway ramp 66.00 sq. m.
 1,022.12 sq. m.
 Output= 24.00 sq. m./day

Duration= 43.00 days

Designation	No. of Person	No. of Days	Daily Rate	Amount
1. Labor:				
Const. Foreman	1	43.00		
Skilled Laborers	4	43.00		
Laborers	8	43.00		
<i>Sub - Total for 1</i>				
Name and Capacity	No. of Units	No. of Days	Unit Cost	Amount
2. Equipment:				
disk grinder/tile cutter	1	43.00		
<i>Sub - Total for 2</i>				
Name and Specification	Unit	Quantity	Unit Cost	Amount
3. Materials:				
8"x8" ceramic floor tiles (restrooms)	pcs	2,425.00		
8" x 12" glazed ceramic wall tiles (restrooms)	pcs	3,552		
.80m x .60m polished granite tiles	pcs	1,717		
6" x 6" non-skid tiles (ramp)	pcs	2,640.00		
8" x 8" ceramic non-skid tiles (stairs)	pcs	700.00		
cement	bags	504		
sand	cu. m.	32		
tile adhesive	bags	360		
tile grout	kgs.	220		
<i>Sub - Total for 3</i>				
Direct Cost				
OCM/CP			17%	
VAT			5%	
Item Cost				
Total Unit Cost				

10