## ANNEX A

## **Bill of Quantities/Bid Form**

Procurement of Supply of Labor, Materials, Supervision and other Consumables for the Waterproofing Works of Roof Deck, Powerhouse, Main Electrical Room, Penthouse and Machine Room of NEA Building

PROJECT: Supply of Labor, Materials, Supervision and other Consumables for the Waterproofing Works of Roof Deck, Powerhouse, Main Electrical Room, Penthouse and Machine Room of NEA Building LOCATION: NEA Building, #57 NIA Road, Government Center, Diliman, Quezon City

SUBJECT: Bill of Quantities / Bid Form

ITEM	DESCRIPTION	MATERIALS		RIALS		LABOR	ESTIMATED DIRECT		K-UPS IN RCENT	TOTAL N	MARK-UPS	VAT	TOTAL INDIRECT	TOTAL	UNIT COST
NO.	DESCRIPTION	QTY	UNIT MEASURE	UNIT COST	AMOUNT	LABOR	COST	ОСМ	PROFIT	%	VALUE	VAI	COST	COST	UNIT COST
		(1)		(2)	(3)	(4)	(5) (3 + 4)	(6)	(7)	(8) (6 + 7)	(9) (5 X 8)	(10) 5%(5 + 9)	(11) (9 + 10)	(12) (5 + 11)	(13) (12 / 1)
1.0.	GENERAL REQUIREMENTS														
	<ol><li>1.1. Mobilization and demobilization.</li></ol>	1.00	lot												
	1.2. Bonds, Permits and Insurances.	1.00	lot												
	1.3. Environmental, Safety and Health.	1.00	lot												
	1.4. Temporary Facilities.	1.00	lot												
2.0.	SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT ROOF DECK AREA														
	Removal of all existing waterproofing and concrete topping, and hauling the same for proper disposal by the contractor to a designated location.	1,607.50	sq.m.												
	2.2. Temporary removal of garden plants, soil and other items from planters' boxes. All soil and plants shall be put in sacks, plastic plant bags and placed in designated area.	1	lot												
	2.3. Preparation of surface area. Clean, dry, sound surfaces free of loose particles before application of waterproofing materials. Including correction of slope to drain and restoration of damage surface. Repair/seal cracks on concrete, cold joint, construction and expansion joint.	1,607.50	sq.m.												
	<ol><li>De-clogging, repair and leak test of all storm drain pipes.</li></ol>	17	unit												
	Application or installation of waterproofing materials as per scope of work and specifications.	1,607.50	sq.m.												
	Replacement of existing brass strainers and restoration of missing brass strainers with a new dome type strainer.	17	pcs												
	2.7. Flood testing for at least 48 hours.	1,607.50	sq.m.			`									
	2.8. Restoration of garden soils, plants and other items removed from the	1	lot												

	planter box into its original											
	conditions, including cleaning of											
	weep hole drains.											
	SURFACE PREPARATION AND											
	INSTALLATION OF											
3.0.	WATERPROOFING MATERIALS AT											
	POWERHOUSE AREA											
	3.1. Removal of all existing											
	waterproofing and concrete											
	topping, and hauling the same for	45.00	sg.m.									
	proper disposal by the contractor	.0.00	09									
	to a designated location.											
	3.2. Preparation of surface area.											
	Clean, dry, sound surfaces free of											
	loose particles before application											
	of waterproofing materials.											
		45.00										
	Including correction of slope to	45.00	sq.m.									
	drain and restoration of damage											
	surface. Repair/seal cracks on							Ì	Ì			
	concrete, cold joint, construction							Ì	Ì			
	and expansion joint.							Ì	Ì			
<b>—</b>	3.3. De-clogging, repair and leak test of				1	-		<del> </del>	<del> </del>			
	3.3. De-diogging, repair and leak test of	2	unit									
	all storm drain pipes.							ļ	ļ			
	3.4. Application or installation of							Ì	Ì			
	waterproofing materials as per	45.00	sg.m.									
	scope of work and specifications.											
	3.5. Replacement of existing brass											
	strainers and restoration of	2	pcs									
	missing brass strainers with a new	-	poo									
	dome type strainer.											
	3.6. Flood testing for at least 48 hours.	45.00	sq.m.									
	SURFACE PREPARATION AND											
	INSTALLATION OF											
4.0.												
-	WATERPROOFING MATERIALS AT											
	MAIN ELECTRICAL ROOM AREA											
	4.1. Removal of all existing											
	waterproofing and concrete											
	topping, and hauling the same for	20.28	sq.m.									
		20.20	5q.111.									
	proper disposal by the contractor											
	to a designated location.			 						 		
	4.2. Preparation of surface area.					<u> </u>						
	Clean, dry, sound surfaces free of											
	loose particles before application							Ì	Ì			
	of wotorproofing motori-1-							Ì	Ì			
	of waterproofing materials.							Ì	Ì			
	Including correction of slope to	20.28	sq.m.									
	drain and restoration of damage											
	surface. Repair/seal cracks on							Ì	Ì			
	concrete, cold joint, construction											
	and expansion joint.							Ì	Ì			
<b> </b>							-					
	4.3. Application or installation of							Ì	Ì			
	waterproofing materials as per	20.28	sq.m.									
	scope of work and specifications.							Ì	Ì			
	4.4. Flood testing for at least 48 hours.	20.28	sq.m.									
	SURFACE PREPARATION AND				1	1		1	1			
	INSTALLATION OF							Ì	Ì			
5.0.												
	WATERPROOFING MATERIALS AT							Ì	Ì			
	MACHINE ROOM AREA				<u> </u>			<u> </u>	<u> </u>		 	
	5.1. Removal of all existing	_										
	waterproofing and concrete	117.00	sg.m.					Ì	Ì			
			54.111.					Ì	Ì			
1	topping, and hauling the same for				1	1	l					

	proper disposal by the contractor									
	to a designated location.									
	5.2. Preparation of surface area. Clean, dry, sound surfaces free of loose particles before application of waterproofing materials. Including correction of slope to drain and restoration of damage surface. Repair/seal cracks on concrete, cold joint, construction and expansion joint.      5.3. De-clogging, repair and leak test of all storm drain pipes.      5.4. Application or installation of	117.00	sq.m. unit							
	waterproofing materials as per	117.00	sq.m.							
	scope of work and specifications.									
	5.5. Replacement of existing brass strainers and restoration of missing brass strainers with a new dome type strainer.	10	pcs							
	5.6. Flood testing for at least 48 hours.	117.00	sq.m.							
6.0.	SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT PENTHOUSE AREA									
	6.1. Removal of all existing waterproofing, and hauling the same for proper disposal by the contractor to a designated location.	231.00	sq.m.							
	6.2. Preparation of surface area. Clean, dry, sound surfaces free of loose particles before application of waterproofing materials. Including correction of slope to drain and restoration of damage surface. Repair/seal cracks on concrete, cold joint, construction and expansion joint.	231.00	sq.m.							
	6.3. De-clogging, repair and leak test of all storm drain pipes.	9	unit							
	6.4. Application or installation of waterproofing materials as per scope of work and specifications.	231.00	sq.m.							
	6.5. Replacement of existing brass strainers and restoration of missing brass strainers with a new dome type strainer.	9	pcs							
	6.6. Flood testing for at least 48 hours.	231.00	sq.m.							
	TOTAL PROJECT COST					1	l			

CONTRACTOR:
Complete Address:
Name of Authorized Representative and Signature:
Telephone No.:
Email Account:

## ANNEX B Detail Unit Price Analysis (DUPA)

Procurement of Supply of Labor, Materials, Supervision and other Consumables for the Waterproofing Works of Roof Deck, Powerhouse, Main Electrical Room, Penthouse and Machine Room of NEA Building

PROJECT: Supply of Labor, Materials, Supervision and other Consumables for the Waterproofing Works of Roof Deck, Powerhouse, Main Electrical Room, Penthouse and Machine Room of NEA Building

SUBJECT: Detail U	Init Price Analysis (DUPA)	<u></u>			
PAY ITEM:	1.0. GENERAL REQUIREMENTS	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	1.1. Mobilization and Demobilization.	1.00	lot		\ 17
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2. 3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
	LADOR				
B. Ref. No.	LABOR  Designation of Personnel	No. of	No. of Days	Unit Cost	Total Cost
	1.	Personnel			(Php)
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2. 3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F. G.	PROFIT VALUE ADDED TAX	(	1	TDC) of D+E+F+G)	1
Н.	TOTAL COST	1	D+E+F+G+H	)	1
l.	UNIT COST	<b>\</b>		<b>'</b>	1

PROJECT: Supply of Labor, Materials, Supervision and other Consumables for the Waterproofing Works of Roof Deck, Powerhouse, Main Electrical Room, Penthouse and Machine Room of NEA Building

PAY ITEM:	1.0. GENERAL REQUIREMENTS	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	1.2. Bonds, Permits and Insurances.	1.00	lot		` ',
Α.	EQUIPMENT				
		N (11 %		11 11 0 1	Total Cost
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	(Php)
	1.				
	2.				
	3. 4.				
	5.				
	- J.				
	TOTAL EQUIPMENT COST				
B	LABOR	No. of			Total Cost
Ref. No.	Designation of Personnel	Personnel	No. of Days	Unit Cost	(Php)
	1.				
	3.				
	4.				
	5.				
	0.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost
	1.				(Php)
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIAL COOK				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
H.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST				

PAY ITEM:	1.0. GENERAL REQUIREMENTS	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	1.3. Environmental, Safety and Health.	1.00	lot		(
	FOURTHE				
<b>A</b> .	EQUIPMENT				Total Cost
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	(Php)
	1.   2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	,	D = = 0 ···	of D+E+F+G)	
Н.	TOTAL COST		D+E+F+G+H	)	
<b>I.</b>	UNIT COST	<u> </u>			<u> </u>

PAY ITEM:	1.0. GENERAL REQUIREMENTS	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	1.4. Temporary Facilities.	1.00	lot		(
_					
Α.	EQUIPMENT				Total Cost
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	(Php)
	1.   2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4. 5.				
	3.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost
itoli itol	1.	J.III	quantity	Onit Goot	(Php)
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	ì		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
H.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST				

SUBJECT: Detail l	Jnit Price Analysis (DUPA)				
PAY ITEM:	2.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT ROOF DECK AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	2.1. Removal of all existing waterproofing and concrete topping, and hauling the same for proper disposal by the contractor to a designated location.	1,607.50	sq.m.		, ,,
Α	FOLUDMENT				
A. Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				(
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
B.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	ì		TDC)	
G.	VALUE ADDED TAX	ì		of D+E+F+G)	
H.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST				

SUBJECT: Detail L	Jnit Price Analysis (DUPA)				
PAY ITEM:	2.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT ROOF DECK AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	2.2. Temporary removal of garden plants, soil and other items from planters' boxes. All soil and plants shall be put in sacks, plastic plant bags and placed in designated area.	1.00	lot		
Α.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3. 4.				
	5.				
	3.				
	TOTAL MATERIALS COST				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
H.	TOTAL COST	(	D+E+F+G+H	)	
I.	UNIT COST		1		

SUBJECT: Detail L	Init Price Analysis (DUPA)				
PAY ITEM:	2.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT ROOF DECK AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	2.3. Preparation of surface area. Clean, dry, sound surfaces free of loose particles before application of waterproofing materials. Including correction of slope to drain and restoration of damage surface. Repair/seal cracks on concrete, cold joint, construction and expansion joint.	1,607.50	sq.m.		
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
B.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C		
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
	PROFIT	(		TDC)	
F.		,	1		
F. G. H.	VALUE ADDED TAX TOTAL COST	Ì	D+E+F+G+H	of D+E+F+G)	

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	2.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT ROOF DECK AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	2.4. De-clogging, repair and leak test of all storm drain.	17.00	unit		
Α.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				(FIIP)
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
Н.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST	]	1		1

	Init Price Analysis (DUPA)				
PAY ITEM:	2.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT ROOF DECK AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	2.5. Application or installation of waterproofing materials as per scope of work and specifications.	1,607.50	sq.m.		
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2. 3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4. 5.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
C. Ref. No.	MATERIALS  Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	Designation of Materials  1.	Unit	Quantity	Unit Cost	
	Designation of Materials  1. 2.	Unit	Quantity	Unit Cost	
	Designation of Materials  1. 2. 3.	Unit	Quantity	Unit Cost	
	Designation of Materials  1. 2. 3. 4.	Unit	Quantity	Unit Cost	
	Designation of Materials  1. 2. 3.	Unit	Quantity	Unit Cost	
	Designation of Materials  1. 2. 3. 4. 5.	Unit	Quantity	Unit Cost	
	Designation of Materials  1. 2. 3. 4.	Unit	Quantity	Unit Cost	
	Designation of Materials  1. 2. 3. 4. 5.	Unit	Quantity	Unit Cost	
	Designation of Materials  1. 2. 3. 4. 5.	Unit		Unit Cost	
D. E.	Designation of Materials  1. 2. 3. 4. 5.  TOTAL MATERIALS COST  TOTAL DIRECT COST  OVERHEAD, CONTINGENCES & MISC.	Unit	Quantity  A+B+C	) TDC)	
D. E. F.	Designation of Materials  1. 2. 3. 4. 5.  TOTAL MATERIALS COST  TOTAL DIRECT COST  OVERHEAD, CONTINGENCES & MISC. PROFIT	Unit		) TDC) TDC)	
D. E.	Designation of Materials  1. 2. 3. 4. 5.  TOTAL MATERIALS COST  TOTAL DIRECT COST  OVERHEAD, CONTINGENCES & MISC.	Unit		) TDC)	

SUBJECT: Detail I	Jnit Price Analysis (DUPA)				
PAY ITEM:	2.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT ROOF DECK AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	2.6. Replacement of existing brass strainers and restoration of missing brass strainers with a new dome type strainer.	17.00	pcs		
Α.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				` ',
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
B. Ref. No.	LABOR  Designation of Personnel	No. of	No. of Days	Unit Cost	Total Cost
	1.	Personnel			(Php)
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				` .
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	1	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	<del>                                     </del>	ATDTO	TDC)	1
F.	PROFIT	<del>                                     </del>		TDC)	
G.	VALUE ADDED TAX	<del>                                     </del>		of D+E+F+G)	
Н.	TOTAL COST	1	D+E+F+G+H	)	
l.	UNIT COST	,			

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	2.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT ROOF DECK AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	2.7. Flood testing for at least 48 hours.	1,607.50	sq.m.		` ',
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
	1017/12 23011 1112111 0001				
B.	LABOR				
Ref. No.	Designation of Personnel	No. of	No. of Days	Unit Cost	Total Cost
	1.	Personnel			(Php)
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3. 4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	,	A+B+C	1	
<u>Б.</u>	OVERHEAD, CONTINGENCES & MISC.	<del>                                     </del>	ATDTO	TDC)	1
F.	PROFIT	<del>                                     </del>		TDC)	
G.	VALUE ADDED TAX	}		of D+E+F+G)	
H.	TOTAL COST	1	D+E+F+G+H	)	1
l.	UNIT COST	,		,	
	· · ·	1	1		

SUBJECT: Detail Ur	nit Price Analysis (DUPA)				
PAY ITEM:	2.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT ROOF DECK AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	2.8. Restoration of garden soils, plants and other items removed from the planter box into its original conditions, including cleaning of weep hole drains.	1.00	lot		
A	FOUIDMENT				
A. Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2. 3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4. 5.				
	5.				
	TOTAL MATERIALS COST				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	Ç	D.F.F 0 !!	of D+E+F+G)	
H.	TOTAL COST UNIT COST	(	D+E+F+G+H	)	
l.	UNIT COST	l	l		l

SUBJECT: Detail Ur	nit Price Analysis (DUPA)				
PAY ITEM:	3.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT POWERHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	3.1. Removal of all existing waterproofing and concrete topping, and hauling the same for proper disposal by the contractor to a designated location.	45.00	sq.m.		
A	FOLIDMENT				
Α.	EQUIPMENT				Total Cost
Ref. No.	Name and Specification of Equipment  1.	No. of Units	No. of Days	Unit Cost	(Php)
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4. 5.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				(1.1.6)
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
_					
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	ļ ,		TDC)	
F.	PROFIT  VALUE ADDED TAX	Ç		TDC)	
G. H.	TOTAL COST	,	D+E+F+G+H	of D+E+F+G)	<del> </del>
n. I.	UNIT COST		D+E+r+G+H	,	-
1.	ONLI COST	J	l	l	L

SUBJECT: Detail U	Init Price Analysis (DUPA)				
PAY ITEM:	3.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT POWERHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	3.2. Preparation of surface area. Clean, dry, sound surfaces free of loose particles before application of waterproofing materials. Including correction of slope to drain and restoration of damage surface. Repair/seal cracks on concrete, cold joint, construction and expansion joint.	45.00	sq.m.		
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL FOLUDMENT COST				
	TOTAL EQUIPMENT COST				
B.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3. 4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G. H.	VALUE ADDED TAX TOTAL COST	,	D+E+F+G+H	of D+E+F+G)	

SUBJECT: Detail U	nit Price Analysis (DUPA)	1	1	1	
PAY ITEM:	3.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT POWERHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	3.3. De-clogging, repair and leak test of all storm drain.	2.00	unit		
Α.	EQUIPMENT				
		No of Unite	No. of Dove	Unit Coot	Total Cost
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	(Php)
	1.				
	3.				
	4.				
	5.				
	J.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.   5.				
	J.				
	TOTAL LABOR COST				
OUTPUT=	Oversity / Total Working House				
OUIFUI=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.   5.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	ļ (	1	TDC)	
F.	PROFIT	ļ		TDC)	-
G. H.	VALUE ADDED TAX TOTAL COST	<del></del>	D.E.E.C.!!	of D+E+F+G)	1
<u>п.</u> І.	UNIT COST	· ·	D+E+F+G+H	1	+
1.	OHI 0001	1	1	I	1

SUBJECT: Detail Ur	nit Price Analysis (DUPA)				
PAY ITEM:	3.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT POWERHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	3.4. Application or installation of waterproofing materials as per scope of work and specifications.	45.00	sq.m.		
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2. 3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				` ',
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3. 4.				
	5.				
	TOTAL MATERIALS COST				
	<u> </u>				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(	A+B+C	) TDC)	
E. F.	OVERHEAD, CONTINGENCES & MISC. PROFIT	(	A+B+C	TDC)	
E.	OVERHEAD, CONTINGENCES & MISC.	(	A+B+C D+E+F+G+H		

PAY ITEM:	3.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT POWERHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	3.5. Replacement of existing brass strainers and restoration of missing brass strainers with a new dome type strainer.	2.00	pcs		(-1-)
Α.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	5.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				` ',
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3. 4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT VALUE ADDED TAX	Ç		TDC)	
G. H.	VALUE ADDED TAX TOTAL COST	<del></del>	D+E+F+G+H	of D+E+F+G)	
		'	D+E+F+G+N	,	
l.	UNIT COST				

PAY ITEM:	3.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT POWERHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	3.6. Flood testing for at least 48 hours.	45.00	sq.m.		(
	FOLUDATAIT				
<b>A</b> .	EQUIPMENT				Total Cost
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	(Php)
	1.				
	3.				
	4.				
	5.				
	•				
	TOTAL EQUIPMENT COST				
B.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST		A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	<del>                                     </del>	ATUTO	TDC)	
<u></u> F.	PROFIT	<del>                                     </del>		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
Н.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST	,			

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	4.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT MAIN ELECTRICAL ROOM AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	4.1. Removal of all existing waterproofing and concrete topping, and hauling the same for proper disposal by the contractor to a designated location.	20.28	sq.m.		
Α	FOLIDMENT				
A. Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
B.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4. 5.				
	5.				
	TOTAL MATERIALS COST				
	15 THE MALENIALS GOOT				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
H.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST				

SUBJECT: Detail l	Unit Price Analysis (DUPA)				
PAY ITEM:	4.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT MAIN ELECTRICAL ROOM AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	4.2. Preparation of surface area. Clean, dry, sound surfaces free of loose particles before application of waterproofing materials. Including correction of slope to drain and restoration of damage surface. Repair/seal cracks on concrete, cold joint, construction and expansion joint.	20.28	sq.m.		
Α	EQUIPMENT				
A. Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2. 3.				
	4.				
	5.				
	J.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel  1.	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	Ì		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
Н.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST	l	1		l

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	4.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT MAIN ELECTRICAL ROOM AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	4.3. Application or installation of waterproofing materials as per scope of work and specifications.	20.28	sq.m.		
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.   4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.   5.				
	J.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	)(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
Н.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST				

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	4.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT MAIN ELECTRICAL ROOM AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	4.4. Flood testing for at least 48 hours.	20.28	sq.m.		` ',
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3. 4.				
	5.				
	J.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
Н.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST				

SUBJECT: Detail Ur	nit Price Analysis (DUPA)				
PAY ITEM:	5.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT MACHINE ROOM AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	5.1. Removal of all existing waterproofing and concrete topping, and hauling the same for proper disposal by the contractor to a designated location.	117.00	sq.m.		
Α	FOLUDAÇAT				
A. Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				` ',
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
B.	LABOR	<u> </u>			
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2. 3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4. 5.				
	5.				
	TOTAL MATERIALS COST				
	TOTAL MIATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	ļ ,		TDC)	
F.	PROFIT  VALUE ADDED TAX	ļ ,		TDC)	
G. H.	TOTAL COST	<del></del>	D+E+F+G+H	of D+E+F+G)	<del> </del>
n. I.	UNIT COST	-	D+E+F+G+N	,	-
1.	ONLI COST	L	L	l	L

SUBJECT: Detail L	Jnit Price Analysis (DUPA)				
PAY ITEM:	5.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT MACHINE ROOM AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	5.2. Preparation of surface area. Clean, dry, sound surfaces free of loose particles before application of waterproofing materials. Including correction of slope to drain and restoration of damage surface. Repair/seal cracks on concrete, cold joint, construction and expansion joint.	117.00	sq.m.		, , ,
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1. 2.				
	3.				
	4.				
	5.				
	TOTAL FOLUDMENT COCT				
	TOTAL EQUIPMENT COST				
B.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1. 2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1. 2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
	TOTAL WATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	Ç		TDC)	
F. G.	PROFIT VALUE ADDED TAX	<del>\</del>		TDC) of D+E+F+G)	
Н.	TOTAL COST		D+E+F+G+H	)	
l.	UNIT COST			,	

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	5.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT MACHINE ROOM AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	5.3. De-clogging, repair and leak test of all storm drain.	10.00	unit		
	FOUIDMENT				
Α.	EQUIPMENT				Total Coot
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3. 4.				
	5.				
	J.				
	TOTAL EQUIPMENT COST				
_					
B.	LABOR	No. of			Total Cost
Ref. No.	Designation of Personnel	Personnel	No. of Days	Unit Cost	(Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.   5.				
	5.				
	TOTAL MATERIALS COST				
	TOTAL MATERIALS SOOT				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
Н.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST				]

SUBJECT: Detail Ur	nit Price Analysis (DUPA)				
PAY ITEM:	5.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT MACHINE ROOM AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	5.4. Application or installation of waterproofing materials as per scope of work and specifications.	117.00	sq.m.		
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2. 3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				\ 1/
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3. 4.				
	5.				
	0.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
-	OVERVIEND CONTINUENCES & MICO	i i		TDC)	
E.	OVERHEAD, CONTINGENCES & MISC.	,			
F.	PROFIT	(		TDC)	
		(	D+E+F+G+H		

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	5.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT MACHINE ROOM AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	5.5. Replacement of existing brass strainers and restoration of missing brass strainers with a new dome type strainer.	10.00	pcs		
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				` ' '
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
В.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				, ,
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	)(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
Н.	TOTAL COST	(	D+E+F+G+H	)	-
l.	UNIT COST				

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	5.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT MACHINE ROOM AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	5.6. Flood testing for at least 48 hours.	117.00	sq.m.		` ',
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
B.	LABOR	No of			Total Cost
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	(Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
	TOTAL MATERIALO GOOT				
D.	TOTAL DIRECT COST	(	A+B+C	)	ļ
E	OVERHEAD, CONTINGENCES & MISC.	ļ ļ		TDC)	
F.	PROFIT	ļ ļ		TDC)	
G.	VALUE ADDED TAX	Ç	D.E.E 0 !!	of D+E+F+G)	-
Н.	TOTAL COST UNIT COST	(	D+E+F+G+H	)	1
l.	UNIT COST	l .	j		I

SUBJECT: Detail Ur	nit Price Analysis (DUPA)				
PAY ITEM:	6.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT PENTHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	6.1. Removal of all existing waterproofing and concrete topping, and hauling the same for proper disposal by the contractor to a designated location.	231.00	sq.m.		
A	FOLIDMENT				
A. Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				` ',
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
B.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2. 3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4. 5.				
	5.				
	TOTAL MATERIALS COST				
	TOTAL WIATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	Ţ		TDC)	
G.	VALUE ADDED TAX	Ç	D.E.E.G.	of D+E+F+G)	
H. I.	TOTAL COST UNIT COST	(	D+E+F+G+H	)	1
1.	UNIT CUST	l			

SUBJECT: Detail	Unit Price Analysis (DUPA)				
PAY ITEM:	6.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT PENTHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	6.2. Preparation of surface area. Clean, dry, sound surfaces free of loose particles before application of waterproofing materials. Including correction of slope to drain and restoration of damage surface. Repair/seal cracks on concrete, cold joint, construction and expansion joint.	231.00	sq.m.		, , ,
Α	FOUIDMENT				
A. Ref. No.	EQUIPMENT  Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	5.				
	J.				
	TOTAL EQUIPMENT COST				
B.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
<u> </u>	1.				
	2.				
	3.				
	5.				
	J.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	1	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	7	72.0	TDC)	
F.	PROFIT	1		TDC)	
G.	VALUE ADDED TAX	Ì		of D+E+F+G)	
H.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST		<u> </u>		

SUBJECT: Detail Ur	nit Price Analysis (DUPA)				
PAY ITEM:	6.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT PENTHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	6.3. De-clogging, repair and leak test of all storm drain.	9.00	unit		
Α.	EQUIPMENT				T-1-1-01
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2. 3.				
	4.				
	5.				
	<b>v</b> .				
	TOTAL EQUIPMENT COST				
	TOTAL EQUIPMENT COST				
B.	LABOR				
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				` .,
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
Н.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST	]			

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	6.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT PENTHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	6.4. Application or installation of waterproofing materials as per scope of work and specifications.	231.00	sq.m.		
Α.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
B.	LABOR				1
Ref. No.	Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3. 4.				
	5.				
	J.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4. 5.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	(		of D+E+F+G)	
Н.	TOTAL COST	(	D+E+F+G+H	)	
l.	UNIT COST				

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	6.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT PENTHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	6.5. Replacement of existing brass strainers and restoration of missing brass strainers with a new dome type strainer.	9.00	pcs		
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				, , ,
	2.				
	3.				
	4.				
	5.				
	TOTAL EQUIPMENT COST				
D	LABOR				
B. Ref. No.	LABOR  Designation of Personnel	No. of Personnel	No. of Days	Unit Cost	Total Cost (Php)
	1.				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4. 5.				
	5.				
	TOTAL MATERIALS COST				
D.	TOTAL DIRECT COST	(	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	(		TDC)	
F.	PROFIT	(		TDC)	
G.	VALUE ADDED TAX	,	D.F.F 0 !!	of D+E+F+G)	
H.	TOTAL COST UNIT COST	(	D+E+F+G+H	)	1
l.	UNIT COST				

SUBJECT: Detail U	nit Price Analysis (DUPA)				
PAY ITEM:	6.0. SURFACE PREPARATION AND INSTALLATION OF WATERPROOFING MATERIALS AT PENTHOUSE AREA	QTY	UNIT	UNIT COST	TOTAL COST (Php)
DESCRIPTION:	6.6. Flood testing for at least 48 hours.	231.00	sq.m.		
A.	EQUIPMENT				
Ref. No.	Name and Specification of Equipment	No. of Units	No. of Days	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	5.				
	J.				
	TOTAL EQUIPMENT COST				
	1400				
В.	LABOR	No. of			Total Cost
Ref. No.	Designation of Personnel	Personnel	No. of Days	Unit Cost	(Php)
	1.	1 Croomici			(1 119)
	2.				
	3.				
	4.				
	5.				
	TOTAL LABOR COST				
OUTPUT=	Quantity / Total Working Hours				
C.	MATERIALS				
Ref. No.	Designation of Materials	Unit	Quantity	Unit Cost	Total Cost (Php)
	1.				
	2.				
	3.				
	4.				
	5.				
	TOTAL MATERIALS COST				
_				_	
D.	TOTAL DIRECT COST	ļ (	A+B+C	)	
E.	OVERHEAD, CONTINGENCES & MISC.	Ç		TDC)	-
F.	PROFIT	· ·		TDC)	1
C					
G. H.	VALUE ADDED TAX TOTAL COST	(	D+E+F+G+H	of D+E+F+G)	