PROJECT : CONSTRUCTION OF DBS VERTEBRATE ANATOMY LABORATORY BUILDING

LOCATION: Visayas State University, Main Campus
OWNER: Visayas State University

SUBJECT : COST ESTIMATES

					LINIT COST								
ITEM	ı	DESCRIPTION	QTY	UNIT		UNIT COS		TOTAL UNIT	TOTAL AMOUNT	OVERHEAD CONTINGENCIES/	TAX	PROFIT	TOTAL AMOUNT
					MATERIALS	LABOR	TOOLS /EQUIP	COST	(DC)	MISC (OCM)			
A.	_	IERAL REQUIREMENTS	<u> </u>		T T						T	T	
	I.	Mobilization/Demobilization	1	lot									-
	II.	Temporary Facilities : Contractor Site Office	1	lot									-
		Warehouse/Storage	_		1								
	+	Housekeeping											
		Power Consumption	-										
		Water Consumption											
	III.	As Built Plans, Shop Drawings, Submittals	1	lot									
		Permits & Licenses	1	lot									
		Quality Assurance/Quality Control/Testing	1	lot									
		Site and Safety Management (DO 13)	1	lot									
		Project Billboard & Signages	1										
		Sub-Total											_
В.	EΛΡ	THWORKS			<u> </u>								
В.				1-4							I		_
		Clearing & Grubbing	1	lot									
		Laying-out & Staking	1	lot									-
		Excavation & Backfill	123.82	cu.m						-	-	-	-
	IV.	Earthfill	122	cu.m						-	-	-	-
		Sub-Total							-	-	-	-	-
C.		MS AND SCAFFOLDING			,						_	_	
		Formworks	1										-
		Scaffoldings (Rental)	1	lot									-
		Sub-Total							-				-
D.		ICRETE WORKS											
	I.	FOOTING											
		a. CF1/CF2	6.83	CU.M									
		Cement, Portland 40kg	62	bags									-
		Washed Sand	3.50	cu.m									1
		3/4" Crushed Gravel	6.90	cu.m									•
		Deformed bars 12mm dia. X 6meter Gr.33	48	pcs									•
		Tie Wire #16	6	kilos									-
		b. CF3	0.14	CU.M									
		Cement, Portland 40kg	2	bags									-
		Washed Sand	0.10	cu.m									
		3/4" Crushed Gravel	0.20	cu.m									-
		Deformed bars 12mm dia. X 6meter Gr.33	2	pcs									-
		Tie Wire #16	0.40	kilos									
	II.	COLUMN											
		a. CF1	2.78	CU.M									
		Cement, Portland 40kg	26	bags									
	1	Washed Sand	1.40	cu.m									-
	1	3/4" Crushed Gravel	2.80	cu.m	†								-
	1	Deformed bars 10mm dia. X 6meter Gr.33	44	pcs									-
	1	Deformed bars 12mm dia. X 6meter Gr.33	56	pcs	†								-
	1	Tie Wire #16	5.40	kilos									-
	1	b. CF2	6.22	CU.M									
	1	Cement, Portland 40kg	57	bags									-
	1	Washed Sand	3.20	cu.m									-
	1	3/4" Crushed Gravel	6.30	cu.m	1								
	+	Deformed bars 10mm dia. X 6meter Gr.33	81	pcs	†								-
	+	Deformed bars 12mm dia. X 6meter Gr.33	64	pcs	†								-
	+	Tie Wire #16	10	kilos	†								-
	+	c. CF3	0.25	CU.M	1								-
	+	Cement, Portland 40kg	3	bags									-
	1	roement, rituanu 40kg		uags	1		1				1	1	-

					UNIT COS	Т	TOTAL UNIT	TOTAL AMOUNT	OVERHEAD			
ITEM	DESCRIPTION	QTY	UNIT	MATERIALS	LABOR	TOOLS /EQUIP	COST	(DC)	CONTINGENCIES/ MISC (OCM)	TAX	PROFIT	TOTAL AMOUNT
	Washed Sand	0.20	cu.m									-
	3/4" Crushed Gravel	0.30	cu.m									-
	Deformed bars 10mm dia. X 6meter Gr.33	12	pcs									-
	Deformed bars 12mm dia. X 6meter Gr.33	8	pcs									-
	Tie Wire #16	2	kilos									-
III.												
	a. RB1	6.24	CU.M									
	Cement, Portland 40kg	58	bags									-
	Washed Sand	3.20	cu.m									-
	3/4" Crushed Gravel	6.40	cu.m									-
	Deformed bars 10mm dia. X 6meter Gr.33	137	pcs									-
	Deformed bars 16mm dia. X 6meter Gr.33	117	pcs									-
	Tie Wire #16 b. RB2	18 1.94	kilos CU.M									-
		1.94										_
	Cement, Portland 40kg Washed Sand	1.00	bags									-
	3/4" Crushed Gravel	2.00	cu.m			 			 			-
-	Deformed bars 10mm dia. X 6meter Gr.33	36	pcs	1		 			 			-
-	Deformed bars 10mm dia. X 6meter Gr.33 Deformed bars 16mm dia. X 6meter Gr.33	36	pcs	1		 			 			-
+	Tie Wire #16	5	kilos									-
	c. RB3	0.96	CU.M									
	Cement, Portland 40kg	9	bags									_
	Washed Sand	0.50	cu.m									-
	3/4" Crushed Gravel	1.00	cu.m									-
	Deformed bars 10mm dia. X 6meter Gr.33	18	pcs									_
	Deformed bars 16mm dia. X 6meter Gr.33	18	pcs									-
	Tie Wire #16	3	kilos									-
IV	Concrete Flooring/Ramp/Stair (Interior & Exterior)	33.86	CU.M									
	Cement, Portland 40kg	305	bags									-
	Washed Sand	17	cu.m									-
	3/4" Crushed Gravel	33.90	cu.m									-
	Deformed bars 10mm dia. X 6meter Gr.33	315	pcs									-
	Tie Wire #16	141	kilos									-
٧.	. Concrete Canopy & Corbel	3.52	CU.M									
	Cement, Portland 40kg	32	bags									-
	Sahara WT Cement	32	packs									-
	Washed Sand	1.90	cu.m									-
	3/4" Crushed Gravel	3.60	cu.m									-
	Deformed bars 10mm dia. X 6meter Gr.33	132	pcs									-
	Tie Wire #16	20	kilos									-
VI	I. WALL FOOTINGS											
	a. WF1	14.44	CU.M									
	Cement, Portland 40kg	130	bags									-
	Washed Sand	7.30	cu.m									-
	3/4" Crushed Gravel	14.50	cu.m									
	Deformed bars 10mm dia. X 6meter Gr.33	78	pcs									-
	Tie Wire #16	0.39	kilos									-
	b. WF2		CU.M	1		 			 			-
+	Cement, Portland 40kg Washed Sand	0.20	bags									-
	3/4" Crushed Gravel	0.20	cu.m			1			1			-
	Deformed bars 10mm dia. X 6meter Gr.33	31	pcs			 			 			-
-	Tie Wire #16	31	kilos	1		 			 			-
+	c. W2F3	0.45	CU.M									
+	Cement, Portland 40kg	5	bags									_
-	Washed Sand	0.30	cu.m									_
+	3/4" Crushed Gravel	0.50	cu.m									_
-	Deformed bars 10mm dia. X 6meter Gr.33	6	pcs									-
-	Tie Wire #16	1	kilos									-
	d. W3F4	0.33	CU.M	!		 	 	 	ł	!	l	

Cement, Portland 40kg							UNIT COS	Γ	TOTAL UNIT	TOTAL AMOUNT	OVERHEAD			
Camerit, Perford (State) 3 Sept	ITEM		DESCRIPTION	QTY	UNIT	MATERIALS					CONTINGENCIES/	TAX	PROFIT	TOTAL AMOUNT
Washerd Royal Quarter Quarter		1	Cement Portland 40kg	3	hags					, ,				-
Second Control Contr														-
Debarmed large Shared, at Schwart (2/3)														-
Tar William Sub-Total Su						1								_
MSONINY WORKS														-
MASONEY WORKS					111100					_	_	_	_	-
1. WALL (Interior & Earthor) (including extended vail)	F	MAS												
CHI 4" HISE Center (Pottar) 49/19 79/20				500.76	sa.m									
Commit Portion 480g 296 198g		+												-
Screened Stand 25 Suum														-
Continued bases 1 Chemic (Gr. 33 150 pers														-
Determed have 3 frame das X Forester Gr.33 159 pcs		1												-
Tile Will a 19		+			•									-
University Comment (Protect of Ottor) C		+												-
Common First State First Fir		l i		21	KIIUS	1								-
B. DESCHWA LABORATORY TABLE		1.1		280	hage	1								-
I. Discernor LABORATORY TABLE 20 p.cs		+				 								-
CHES ** Into: Coment, Portland dibig 32 bags		1 11		17	cu.III	 								-
Cement Potential Children 150 Cum		1".		201	nco	 								_
Sortened Sand		+				 								-
34' Crushed Gravel 0.40 0.um		+				 								-
Deformed bars 10mm dia X 6mmer Gr.33 104 pcs		+				+								-
Te Wire #16		+												
II. Plastering (rough finish)		+				 					-			-
Coment, Portland 40kg		111:		/	KIIOS									-
Fine Sand 1		11.1		0										-
P. ROOFING WORKS														
P. ROOFING WORKS		_			cu.m									-
Per Parlicated Ribbype Color root long span, 0.50mm thick 286 L.n.M		IBOO								-	-	-	-	•
Pre-Painted effibhye Color roof long span, 0.50mm thick 286 Ln.M Pre-Painted enflashing, GA 24 (D.70mm) thick stit 19 pos	F.					1				I				
Pre-Painted end flashing, GA 24 (0.701mm) thick x 8ft 19 pos		ı.		000	L M									
Metal Fascia 12" x 8th, 0.50 mm thick														
C-Purins 2"x4" 2mm thx x 6m														
Angle Bar 50mmx50mms6mm th x 6m		-												
Angle Bar 65mmx65mmx6mm thix x 6m 65 pcs		-												
Round Bar 10mm dia. X 6m (for Sagrod) 23 pcs														
Nuts and Washer 10mm (for Sagrod) 360 pairs		1												
Tension Rods 12mm dia. (for cross bracing)		-												
Tumbuckle 12mm dia. (for cross bacing) 20 pcs		-												
II. Others		-												
Miscellaneous/Consumables (Welding rods, acetylene, cutting & grinding disk, screw, bolts, etc.)		-		20	pcs	-								
Sub-Total Sub-		111.				 								
Sub-Total Sub-				1	lot	1								
ARCHITECTURAL WORKS														
DOOR AND WINDOWS										-	-	-	-	-
D-1	G.													
D-2		I.												
D-3 2 units ————————————————————————————————————		1				ļ								
D-4 with W7						1								
D-5 1 unit <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						1								
D-6 1 unit <td></td>														
D-7 1 unit <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>														
W-1														
W-2 2 units ————————————————————————————————————														
W-3 3 unit 9 W-4 5 unit W-5 2 units W-6 6 unit														
W-4 5 unit 9 W-5 2 units W-6 6 unit														
W-5 2 units W-6 6 unit														
W-6 6 unit														
Door knobs, Kwikset Original 6 pcs						1								
			Door knobs, Kwikset Original	6	pcs	I								

						UNIT COST		TOTAL UNIT	TOTAL AMOUNT	OVERHEAD			
ITEM		DESCRIPTION	QTY	UNIT	MATERIALS		TOOLS /EQUIP	COST	(DC)	CONTINGENCIES/ MISC (OCM)	TAX	PROFIT	TOTAL AMOUNT
		Hinges 3"x3", loose pin, Heavy duty	16	pairs		2.301			(-)				
		2"x 6" Lauaan lumber, Door Jamb	5										
	III.	TILING WORKS											
		Floor Finishes											
		Ceramic Floor tile, 60x60cm	536	pcs									
		Unglazed Ceramic Floor tiles, 60x60cm	20	pcs									
		Ceramic Floor tile, 40x40cm	101	pcs									
		Glazed Tile, 40x40cm (for disecting table)	150	pcs									
		Wall Finishes											
		Glazed Tile, 30x60cm	190	pcs									
		Rock Cladding	41	sq.m									
		Brick Cladding	3	sq.m									
		Aluminum Stair Nosing 2.4m	10										
		Cement, Portland (for topping)	34										
		Tile Adhesive (Heavy duty)	29										
	1	Tile Grout (2kg)	63		ļ							 	
	1	Screened Sand	2		 							-	-
	15.7	Consumables	1	lot	 							 	1
	IV.	RAMP RAILINGS	_	m	1							 	
	1-	G.I Tubular 2"x1" x 6m, Sch. 40	6		 							 	
		G.I Tubular 1"x1" x 6m, Sch. 40	20										
		Miscellaneous/Consumables	1	lot									
	v.	CEILING WORKS (Interior & Exterior)	67	la sal									
	-	HadiFlex NexGen Fiber Cement Board 4.5mm thick	67	brd									
		0.80mm x 12mm x 38mm x 5m Double Metal Furring	104	pcs									
		0.40mm x 19mm x 50mm x 3 m Wall angle	53	pcs									
		0.80mm x 12mm x 38mm x 5m Carrying Channel	36	pcs									
		Rod suspension hanger with adjustment spring	209	set									
		Concrete Nails 1"	2	kg									
		Wall Clip Ceiling double	418	pcs									
		5/32 x ¾" Blind rivets	10	boxes									
		Miscellaneous	1	lot									
	1/1	PAINTING WORKS	'	101									
	VI.	For Concrete & Masonry											
	1	(Interior Wall)											
		Concrete Neutralizer	5	gal									
		Skimcoat rendering paste @ 20kg packaging	30										
	t	Paint brush 4"	5		1								<u> </u>
	1	Paint roller 7" with pan	5		1							1	1
	1	Acrylic Concrete Primer & Sealer (2 coats)	17		1							1	1
	1	Acrylic Semi-Gloss Latex Paint (2 coats)	17	gal									
	1	Boysen Masonry Putty	10	gal									
		Sand paper #120	25		1								
		(Exterior Wall)											
	L	Concrete Neutralizer	5	gal									
		Sandblast Natural Concrete Color	230	sq.m									
		Sandblast Stuco color	72	sq.m									
		For Ceiling											
		Paint brush 4"	5	pcs									
		Paint roller 7" with pan	5										
		Flat Wall Enamel Paint (2 coat)	11										
		Semi Gloss Paint finish @ 2 coats	15										
		Paint thinner	5										
		Mesh Tape @ 2"	3										
		Sand paper #120	20	pcs									
		For Steel											
		Paint brush 2"	6										
		Red oxide primer	16	gal	1	1						1	i

					UNIT COS	т	TOTAL UNIT	TOTAL AMOUNT	OVERHEAD			
ITEM	DESCRIPTION	QTY	UNIT	MATERIALS		TOOLS /EQUIP	COST	(DC)	CONTINGENCIES/	TAX	PROFIT	TOTAL AMOUNT
		_		WATERIALS	LABOR	TOOLS /EQUIP	0031	(DC)	MISC (OCM)			
	Paint thinner	5	gal									
	Sand paper #120	10	pcs									
	Miscellaneous	1	lot									
L. DI	Sub-Total							-	-	-	-	-
	UMBING WORKS	1	1	1	ı	ı	ı	ı				
I.	DRAINAGE/SANITARY											
	Supply and installation of PVC Pipes and fittings for drainage											
	piping including supports and hangers and other miscellaneous items necessary											
	to complete the system all in accordance with the drawings and											
	specifications.											
	PVC Pipe , S-1000											
	100 mm diameter x 3m	38	pcs									
	50 mm diameter x 3m	27	pcs									
	PVC Fittings, S-1000											
 	Elbow 90 deg	15	non	 								
 	100 mm diameter 50 mm diameter	15 35	pcs									
	Elbow 45 deg	35	pcs	+								
 	100 mm diameter	7	pcs	+								
 	50 mm diameter	17	pcs	+								
	Tee Standard	17	pcs									
	100 mm diameter	5	pcs									
	50 mm diameter	5	pcs	1								
	Wye Standard	3	ρcs									
	100 mm diameter	12	pcs									
	50 mm diameter	24	pcs									
	P-Trap	27	poo									
	50 mm diameter	15	pcs									
	Wye Reducer	10	poo									
	100 x 50 mm diameter	13	pcs									
	Clean-out Plug		F **									
	100 mm diameter	13	pcs									
	50 mm diameter	6	pcs									
	FIXTURE											
	Emergency Shower with fittings & complete accessories	1	sets									
	Laboratory sink with fittings & complete accessories	12	sets									
		12										
 	Laboratory faucet with fittings & complete accessories	12	set	 								
	Water Closet (package w/ lavatory) with fittings & complete	2	sets	1								
	accessories Wall chrome faucet	2		+								
	Urinal	2	pc sets	+								
 	2" Floor Drain	3	sets	 								
	PWD Stainless Grab-rail bars	3	set	 								
 	. CATCH BASIN	3	301	 								
 	Footing/Topping/Cover	0.93	cu.m	 								
	Cement, Portland 40kg	9	bags	-								
	Sand	0.61	cu.m	<u> </u>								
	Gravel	0.98	cu.m	<u> </u>								
	Deformed bars 12mm dia. X 6meter Gr.33	18	pcs	1								
	Tie Wires	1	kg	1								
	CHB Laying	14.52	sq.m	1								
	CHB 4" standard size	201	pcs	1								
	Cement, Portland 40kg	9	bags	1		İ					İ	
	Washed sand	0.73	cu.m	1		İ					İ	
	Deformed bars 12mm dia. X 6meter Gr.33	16	pcs									
	Tie Wires	1	kg									
	Plastering		Ŭ									
	Cement, Portland 40kg	5	bags									
								•				

	UNIT		UNIT COS	Т	TOTAL UNIT	TOTAL AMOUNT	OVERHEAD					
ITEM	DESCRIPTION	QTY	UNIT	MATERIALS		TOOLS /EQUIP	COST	(DC)	CONTINGENCIES/ MISC (OCM)	TAX	PROFIT	TOTAL AMOUNT
	Washed sand	0.72	cu.m					, ,				
	Round bar 12mm dia x 6m (for handle)	2	рс									
	III. SEPTIK TANK											
	A. Masonry	17.28	sq.m.									
	CHB 4" standard size	238	pcs.									
	Cement, Portland 40kg	10	bags									
	Sand, washed	1	cu.m.									
	Deformed bars 12mm dia. X 6meter Gr.33	14	pcs									
	#16 Tie Wire	1	kg.									
	B. Slab /Manhole	0.81	cu.m									
	Cement, Portland 40kg	9	bags									
	Sand, washed	1	cu.m.									
	Gravel 3/4" Crushed	1	cu.m.									
	Deformed bars 12mm dia. X 6meter Gr.33 #16 Tie Wire	14	pcs									
	1/4 mm thk x 4" x 8" Ordinary Plywood	2	kg. shts.									
	2" x 3" x 12 Coco Lumber	60	bd ft									
		1										
	Consumables C. Plastering	- 1	lot	1								
	C. Plastering Cement, Portland 40kg	6	bags	1								
	Sand, washed	1	cu.m.	1								
	IV. WATERLINE		cu.iii.									
	Supply and installation of PN20 PPR Pipes and fittings for Non-Potable	<u> </u>		1			<u>l</u>			l		
	water distribution line piping including supports and hangers, markings											
	paintings and other miscellaneous items necessary to complete the sy											
	all in accordance with the drawings and specifications.	<u>otom</u>										
	an in accordance with the drawings and specimeations.											
	PPR 20mm diameter x 4m	25	pcs									
	PPR coupling 20mm dia.	30	pcs									
	PPR tee 20mm dia.	20	pcs									
	PPR elbow 90 x 20mm	15	pcs									
	PPR Female elbow threaded 20mm dia.	20	pcs									
	PPR Male threaded 20mm dia.	2	pcs									
	Gate valve 20mm dia.	1	рс									
	V. Miscellaneous and Consumables											
	Solvent, Sealant, Teflon tape, etc.	1	lot									
_	Sub-Total							-	-	-	-	-
l.	ELECTRICAL WORKS			T	1	ı	T					
	a Conduits, Boxes & Fittings			1								
<u> </u>	Electrical Rough-ins		,	 								
<u> </u>	25 mm. dia. schedule 40, Conduit (PVC) pipe	10	L	 								
<u> </u>	20 mm. dia. schedule 40, Conduit (PVC)pipe (Including fire alarm)	120	L	_								
ļ	25 mm. dia. Schedule 80, elbow (PVC)	8	pcs	ļ								
	25 mm. dia. Schedule 80,locknut and bushing (PVC)	8	pcs	1								
	20 mm. dia. Schedule 40,female adoptor with locknut (PVC)	250	pcs	 								
	pvc solvent	. 8	pcs	1								
	Pull Box, Tie Wire, Support and Hangers, PVC Cup	1	lot	ļ								
	b Wires and Wiring Devices			ļ								
	22 mm2 THHN/THW stranded wire	60	mtrs									
	8.0 mm2 THW stranded wire(greena)	4	mtrs	ļ								
	5.5 mm2 THHN/THW stranded wire	30	mtrs	ļ								
	3.5 mm2 THHN/THW stranded wire	5	boxes	ļ								
	2.0 mm2 TW (G) stranded wire	2	boxes									
	1.6 mm2 TF wire (fire alarm)	1	boxes	ļ								
	Duplex tamper resistant receptacle outlet with	21	pcs.									
	ground prong Aircon outlet (simpley with ground prong)	2		1								
 	Aircon outlet (simplex with ground prong)	6	pcs.	 								
	1 Gang switch 2 Gang switch	5	pcs.	1								
	2 Garry Switch	<u></u>	pcs.	1		1	l	l .	l	l	1	l

				UNIT COS	Г	TOTAL UNIT	TOTAL AMOUNT	OVERHEAD					
ITEM		DESCRIPTION	QTY	UNIT	MATERIALS	LABOR	TOOLS /EQUIP	COST	(DC)	CONTINGENCIES/ MISC (OCM)	TAX	PROFIT	TOTAL AMOUNT
	1	3 Gang switch	1	pcs.	IIIATERIAEO	LADOR	1000010101	333.	(20)	MISC (OCM)			
	1	utility box	42	pcs.									
		square box	15	pcs	1								
		octagonal box with cover	70	pcs	1								
		electrical tape	8										
		smoke detector (conventional)	8	pcs pcs									
		manual call point & fire alarm bell	2	set									
		fire alarm control panel (2 zones)- conventional	1										
			9	pcs									
	<u> </u>	exhaust fan	9	pcs									
	С	Power Load Center, Switchgear and Panelboards Panel "LP": 100A single phase PANEL with 12-single phase											
		branches, 13 holes (with grounding termination)	1	set									
		MAIN : 70AT/70AF,2P,12KAIC, at 240V MCCB											
		Branches:			1								
		11- 20AT,8KAIC,2P,MCCB			1							 	
	1	1- 30AT,8KAIC,2P,MCCB			1							 	
	- 4	Lighting fixtures			+ -							-	
	a		5	set									
		7 watts led bulb in circular pinlight (6 inches dia.) 2x40 watts led tube in louver type surface mount lighting fixture 12"x4											
			12	set									
		1x40 watts led tube in louver type surface mount lighting fixture 7"x48	5	set .									
		7 watts led bulb in circular pinlight (6 inches dia.)	5	set									
		9 watts canopy lighting fixture (cylindrical)	9	set									
		18 watts tircolor dimmable circular lighting fixture	1	set									
		strip lights 5mtrs per set	1_	set									
		40 watts led wall lamp	5	set									
		2 x 6 watts emergency light with battery back up power source	5	set									
		Sub-Total							_	_	_	_	_
J.	ICT	WORKS											
<u>. </u>		Face plate (1 port)	5	set	1 1								
		Face Plate (2 port)	1	set									
		RJ-45 Module	8	pcs									
		RJ-45 3M Keystone (900.00/Keystone)											
		Original 3M Volition (Cat6 female Tool-less RJ45 Keystone Mount)											
		IO Information Outlet											
		Tool-less jack •									, in the second second		
		Re-usable •			ļ								
		Shallow Depth, Cable Entry from top or bottom •			ļ								
	1	Keystone Mounting •			1								
		Accepts both solid conductors from AWG 26 to 22 and stranded										ĺ	
	1	conductors • Integral shutter Benefits •			1							 	
	1	Easy and guick to install •			 							1	
		Integral shutter protects jack in the patch panel •			+ -							 	
		PVC Pipe 3/4", electrical	15	pcs	1								
	1	Flexipipe 1" UL, ISO, PS certified	1	spool	† 1							1	
	1	Junction Box,	5	pcs	† 1							1	
		Utility Box,	8	pcs	1								
		Miscellaneous/Consumables	1										
		Sub-Total							-	-	-	-	
		GRAND TOTAL							_				_
		J. 37 11 1 7 17 12											

SUBMITTED BY: