

Bill of Quatities - TB Reference Lab: GAPS

S/N	DESCRIPTION OF ITEM	QTY	UNIT	U/PRICE	AMOUNT
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NTBLRC JUTH JOS PLATEAU STATE

1	INSTALLATION OF AUTOMATIC DOOR CLOSERS	3	pcs		-
	INSTALLATION OF CCTV CAMERA SURVELANCE SYSTEM				
	i. Digital Bullet surveillance 3d DNR Night vision cameras (IR) PoE Spec:-Dual stream IP66 DWDR BLC Intrusion-line crossing detection, 30m IR range	5	Nr		
	ii. 2TB Surveillance HDD Video storage Hard disk drive; Samsung HD .5-inch SATA Gb/s, intellipower; 5m HDMI 2.4GHz M180 Wireless Mouse	1	Nr		
	iii. 2TB Surveillance HDD Video storage Hard disk drive; Samsung HD .5-inch SATA Gb/s, intellipower; 5m HDMI 2.4GHz M180 Wireless Mouse	1	Nr		
	iv. CAT 6 Cables	2	Nr		
	v. Installation accessories	5	Item		
	v. integration and services		Item		
2	INSTALLATION OF WIRED SMOKE DETECTOR FIRE ALARM SYSTEM				
	i. Smoke detectors	10	Nr		
	ii. Call points	2	Nr		
	iii. Sounder	2	Nr		
	iv. 2 Zone Control Panel	1	Nr		
	v. Fire resistant cabling	2	rolls		
	vi. Installation accessories		Item		
	vii. Integration and service		Item		
3	SERVICING OF EXISTING BIOMETRIC ACCESS CONTROL SYSTEM:		Item	300,000.00	

SSTBRL UPTH RIVERS STATE

1	FIXING OF LEAKING ROOF IN THE LPA ASSAY LAB				
	I. Cladded corrugated roofing sheets	70	m ²		
	ii. Reinforcing purlins and wooden rafters-cleft skeletal frame		Item	300,000.00	
	iii. Repalce damaged nuggings and treat		Item	150,000.00	
2	COMPLETE SCREEDING AND RELAY OF COLLAPSING POP IN THE LPA ASSAY LAB				
	i. Quarffing and removal of damaged Pop parts for discarding		Item	120,000.00	
	ii. POP sheeting and troughs	30	m ²		
	iii. GLazing and Satin Painting	30	m ²		
	iv. Arming	12	Nr		
3	REPLACEMENT INSTALLATION OF 200AH GEL INVERTER BATTERIES	30	Pcs		

4	INSTALLATION OF NEW 30KVA ONLINE 3-PHASE INVERTER	1	Nr	
5	TERMINATE EXISTING SOLAR ARRAY SYSTEM TO INVERTER		Item	350,000.00
6	SUPPLY AND INSTALL 3KVA ONLINE UPS's	2	Nr	

ZANKLI TB REFERENCE LAB, BINGHAM UNIVERSITY, NASSARAWA

1	REPLACEMENT INSTALLATION OF 200AH GEL INVERTER BATTERIES	30	Pcs	
2	REPLACEMENT INSTALLATION OF BROKEN/DAMAGED 300W SOLAR ARRAY MONOCRYSTALLINE PANELS			
	i. Monocrystalline 300W Solar Panels	6	Pcs	
	ii. Deinstallation of old and Reintallation of new including accessories	6	pcs	
	iii. 10mm X 2 DC PV Cabling for solar array	80	Mtrs	
	iv. Connectors, clips, bolts and screws		Item	
3	SERVICING OF EXISTING WIRED SMOKE DETECTOR FIRE ALAM SYSTEM AT LAB		Item	200,000.00
4	INSTALLATION OF ADDITIONAL WIRED SMOKE DETECTOR FIRE ALARM SYSTEM			
	i. Smoke detectors	6	Nr	
	ii. Call points	2	Nr	
	iii. Sounder	2	Nr	
	iv. 2 Zone Control Panel	1	Nr	
	v. Fire resistant cabling	3	rolls	
	vi. Installation Accessories		Item	
	vii. Integration and Services		Item	

SEZTBRL AMACHARA, UMUHIA, ABIA STATE

1	RECONECTION OF LAB TO PUBLIC GRID			
	i. Purchase of Maximum Demand Meter for Electricity Distribution Service company	1	Unit	
	ii. EDC Callibration and Certification of Meter	1	Unit	
	iii. 95mm raclin cabling	35	Mtrs	
	iv. Three Phase Feeder Pillar Unit	1	Unit	
	v. 95mm X 4 Armored Cable	50	Mtrs	
	vi. 95mm Cable Lugs	24	Pcs	
	vii. Cable Racheming		Item	195,000.00
	viii. Trenching activity		Item	100,000.00
	ix. Integation Testing and Services		Item	
2	REPLACEMENT INSTALLATION OF 5KVA ONLINE PURE SINE WAVE INVERTER FOR GENEXPERT LAB			
	3 5KVA Inverter	1	Unit	
	4 DC Breaker 160A - 200A	1	Pc	
	5 AC Breaker 160A - 200A	1	Pc	
	6 PV Disconnect 200A	1	Pc	
	7 Integation Testing and Services	1	Item	
8	INSTALLATION OF 2HP INVERTER AC AT LAB	1	Unit	

9	INSTALLATION OF CCTV CAMERA SURVELANCE SYSTEM		
	i. Digital Bullet surveillance 3d DNR Night vision cameras (IR) PoE Spec:-Dual stream IP66 DWDR BLC Intrusion-line crossing detection, 30m IR range	6	Nr
	ii. 2TB Surveillance HDD Video storage Hard disk drive; Samsung HD .5-inch SATA Gb/s, intellipower; 5m HDMI 2.4GHz M180 Wireless Mouse	1	Nr
	iii. 32 Channel AI Controller Dahua (Network Video Recorder) 1Gbps 16inch HD IP video, SATA interface, Remote viewing	1	Nr
	iv. CAT 6 UTP Cables	2	Nr
	v. Installation accessories	5	Item
	vi. integration and services	1	Item
INSTALLATION OF ADDITIONAL WIRED SMOKE DETECTOR FIRE			
10	ALARM SYSTEM		
	i. Smoke detectors	6	Nr
	ii. Call points	2	Nr
	iii. Sounder	2	Nr
	iv. 2 Zone Control Panel	1	Nr
	v. Fire resistant cabling	2	rolls
	vi Integration and Services	1	Item

TB REFERENCE LAB NIMR, LAGOS STATE

1	INSTALLATION OF CCTV CAMERA SURVELANCE SYSTEM		
	i. Digital Bullet surveillance 3d DNR Night vision cameras (IR) PoE Spec:-Dual stream IP66 DWDR BLC Intrusion-line crossing detection, 30m IR range	4	Nr
	ii. 2TB Surveillance HDD Video storage Hard disk drive; Samsung HD .5-inch SATA Gb/s, intellipower; 5m HDMI 2.4GHz M180 Wireless Mouse	1	Nr
	iii. 32 Channel AI Controller Dahua (Network Video Recorder) 1Gbps 16inch HD IP video, SATA interface, Remote viewing	1	Nr
	iv. CAT 6 UTP Cables	2	Nr
	v. Installation accessories	5	Item
	vi. integration and services	1	Item

NTBLTC SAYE, ZARIA, KADUNA STATE

1	INSTALLATION OF BIOMETRIC ACCESS CONTROL FOR LAB		
	i. ZK Teco F19 Fingerprint	1	Nr
	ii. Magnetic Lock	1	Nr
	iii. Touchless Exit Button	1	Nr
	iv. Power Adaptor	1	Nr
	v. Back up Power Adaptor	1	Nr
	vi. Door Closer	1	Nr
	vii. Cabling, trunks and Accessories	1	Nr
	viii. Integration and service	1	Item
INSTALLATION OF ADDITIONAL WIRED SMOKE DETECTOR FIRE			
2	ALARM SYSTEM		
	i. Smoke detectors	6	Nr
	ii. Call points	2	Nr

	iii. Sounder	2	Nr
	iv. 2 Zone Control Panel	1	Nr
	v. Fire resistant cabling	2	rolls
	vi. Installation accessories	1	Item
	vii. Integration and Services	1	Item
3	INSTALLATION OF VOICE INTERCOM FOR LAB		
	i. Voice Intercom	1	Set
	ii. Cabling, trunks and Accessories	1	Item
	iii. Integration and service	1	Item
TOTAL			