

Bill of Quatities - Genexpert sites

Location: 23 facilities across 14 States

S/N	FACILITY	DESCRIPTION OF ITEM	QTY	UNIT	U/PRICE	AMOUNT
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OYO STATE

1	Adeoyo Maternity Hospital	Replacement of 200AH Inverter Batteries	12	Unit		
2	GH Iseyin	Replacement of 200AH Inverter Batteries	12	Unit		
3	BMC Saki	Full site Optimization				
		1 DC to AC Inverter	1	Unit		
		2 10KWH Lithium ion batteries	3	Unit		
		3 Monocrystalline 400 watts Solar Panel	18	Unit		
		4 120amp MPPT Solar Charge Controller	1	Unit		
		5 1000-10000v Surge protection	1	Unit		
		6 Solar array stand (Galvanised)	1	Unit		
		7 Concrete base for solar array stand.	1	Unit		
		8 AC MCB 120 amps (Inverter Guard)	1	Unit		
		9 DC MCB 120 amps Dual pole (Battery Guard)	1	Unit		
		10 DC PV Disconnect 120 amps (Solar Array Guard)	1	Unit		
		11 Changeover switch 160-200 Amps	1	Unit		
		12 Battery cables - 35mm ² Single Core Flex, PVC, PCP Cable	20	Unit		
		13 Load cables: 16 mm ² Three Core Flex nGS, PVC, PCP/EPR Cable	35	Unit		
		14 Alternate supply cable 16 mm ² three Core RHZ1 non amored Cable.	20	Unit		
		15 Solar array cables: 25 mm ²	40	Unit		
		16 25 mm ² bare single core grounding cable	20	Unit		
		17 12 way DC Combiner Box	1	Unit		
		18 Solar freezer	1	Unit		
		19 6 way Distribution box	1	Unit		
		20 1 hp dual inverter Air Conditioner	1	Unit		
		21 Solid rod Lightning arrestor (1.5meters exposure)	1	Unit		
		22 Full Grounding station	1	Lot		
		23 Termination accessories	1	lot		
		24 Inland transportation of all equipment to site	1	Unit		
		25 Complete installation of all equipment	1	Lot		
		26 Commisioning and testing	1	Lot		
		Summary Transportation and Labour	1	Item		

CROSS RIVER STATE

4	Model Primary Health Center	Replacement of DC Solar refrigerator	1	item		
5	General Hospital Akampka	Full site Optimization				
		1 DC to AC Inverter	1	Unit		
		2 200AH Gel inverter batteries	12	Unit		
		3 Monocrystalline 400 watts Solar Panel	18	Unit		
		4 120amp MPPT Solar Charge Controller	1	Unit		
		5 1000-10000v Surge protection	1	Unit		
		6 Solar array stand (Galvanised)	1	Unit		
		7 Concrete base for solar array stand.	1	Unit		
		8 AC MCB 120 amps (Inverter Guard)	1	Unit		
		9 DC MCB 120 amps Dual pole (Battery Guard)	1	Unit		
		10 DC PV Disconnect 120 amps (Solar Array Guard)	1	Unit		
		11 Changeover switch 160-200 Amps	1	Unit		
		12 Battery cables - 35mm ² Single Core Flex, PVC, PCP Cable	20	Unit		
		13 Load cables: 16 mm ² Three Core Flex nGS, PVC, PCP/EPR Cable	35	Unit		
		14 Alternate supply cable 16 mm ² three Core RHZ1 non amored Cable.	20	Unit		
		15 Solar array cables: 25 mm ²	40	Unit		
		16 25 mm ² bare single core grounding cable	20	Unit		
		17 Battery rack for 12 200AH deep cycle Gel batteries	1	Unit		
		18 12 way DC Combiner Box	1	Unit		
		19 Solar freezer	1	Unit		

	20	6 way Distribution box	1	Unit	
	21	1 hp dual inverter Air Conditioner	1	Unit	
	22	Solid rod Lightning arrestor (1.5meters exposure)	1	Unit	
	23	Full Grounding station	1	Lot	
	24	Termination accessories	1	lot	
	25	Inland transportation of all equipment to site	1	Unit	
	26	Complete installation of all equipment	1	Lot	
	27	Commissioning and testing	1	Lot	
		Summary Transportation and Labour	1	Item	

NASSARAWA STATE

6	General Hospital Nassarawa Toto	Replacement of 200AH Inverter Batteries	12	Unit	
		Solar Array Circuit rewiring	1	Item	
		Installation of 10KVA AVR	1	Unit	
		Summary Transportation and Labour	1	Item	

BAYELSA STATE

7	Niger Delta University Teaching Hospital Yenagoa	Full site Optimization				
		1	DC to AC Inverter	1	Unit	
		2	200AH Gel inverter batteries	12	Unit	
		3	Monocrystalline 400 watts Solar Panel	18	Unit	
		4	120amp MPPT Solar Charge Controller	1	Unit	
		5	1000-10000v Surge protection	1	Unit	
		6	Solar array stand (Galvanised)	1	Unit	
		7	Concrete base for solar array stand.	1	Unit	
		8	AC MCB 120 amps (Inverter Guard)	1	Unit	
		9	DC MCB 120 amps Dual pole (Battery Guard)	1	Unit	
		10	DC PV Disconnect 120 amps (Solar Array Guard)	1	Unit	
		11	Changeover switch 160-200 Amps	1	Unit	
		12	Battery cables - 35mm ² Single Core Flex, PVC, PCP Cable	20	Unit	
		13	Load cables: 16 mm ² Three Core Flex nGS, PVC, PCP/EPR Cable	35	Unit	
		14	Alternate supply cable 16 mm ² three Core RHZ1 non amored Cable.	20	Unit	
		15	Solar array cables: 25 mm ²	40	Unit	
		16	25 mm ² bare single core grounding cable	20	Unit	
		17	Battery rack for 12 200AH deep cycle Gel batteries	1	Unit	
		18	12 way DC Combiner Box	1	Unit	
		19	Solar freezer	1	Unit	
		20	6 way Distribution box	1	Unit	
		21	1 hp dual inverter Air Conditioner	1	Unit	
		22	Solid rod Lightning arrestor (1.5meters exposure)	1	Unit	
		23	Full Grounding station	1	Lot	
		24	Termination accessories	1	lot	
		25	Inland transportation of all equipment to site	1	Unit	
		26	Complete installation of all equipment	1	Lot	
26	Commissioning and testing	1	Lot			
8	General Hospital Brass	Full site Optimization				
		1	DC to AC Inverter	1	Unit	
		2	200AH Gel inverter batteries	12	Unit	
		3	Monocrystalline 400 watts Solar Panel	18	Unit	
		4	120amp MPPT Solar Charge Controller	1	Unit	
		5	1000-10000v Surge protection	1	Unit	
		6	Solar array stand (Galvanised)	1	Unit	
		7	Concrete base for solar array stand.	1	Unit	
		8	AC MCB 120 amps (Inverter Guard)	1	Unit	
		9	DC MCB 120 amps Dual pole (Battery Guard)	1	Unit	
		10	DC PV Disconnect 120 amps (Solar Array Guard)	1	Unit	

	11	Changeover switch 160-200 Amps	1	Unit		
	12	Battery cables - 35mm ² Single Core Flex, PVC, PCP Cable	20	Unit		
	13	Load cables: 16 mm ² Three Core Flex nGS, PVC, PCP/EPR Cable	35	Unit		
	14	Alternate supply cable 16 mm ² three Core RHZ1 non amored Cable.	20	Unit		
	15	Solar array cables: 25 mm ²	40	Unit		
	16	25 mm ² bare single core grounding cable	20	Unit		
	17	Battery rack for 12 200AH deep cycle Gel batteries	1	Unit		
	18	12 way DC Combiner Box	1	Unit		
	19	Solar freezer	1	Unit		
	20	6 way Distribution box	1	Unit		
	21	1 hp dual inverter Air Conditioner	1	Unit		
	22	Solid rod Lightning arrestor (1.5meters exposure)	1	Unit		
	23	Full Grounding station	1	Lot		
	24	Termination ascessories	1	lot		
		Inland transportatation of all equipment to site	1	Unit		
	25	Complete installation of all equipment	1	Lot		
	26	Commisioning and testing	1	Lot		

9	CHC Southern Ijaw	Full site Optimization				
	1	DC to AC Inverter	1	Unit		
	2	200AH Gel inverter batteries	12	Unit		
	3	Monocrystalline 400 watts Solar Panel	18	Unit		
	4	120amp MPPT Solar Charge Controller	1	Unit		
	5	1000-10000v Surge protection	1	Unit		
	6	Solar array stand (Galvanised)	1	Unit		
	7	Concrete base for solar array stand.	1	Unit		
	8	AC MCB 120 amps (Inverter Guard)	1	Unit		
	9	DC MCB 120 amps Dual pole (Battery Guard)	1	Unit		
	10	DC PV Disconnect 120 amps (Solar Array Guard)	1	Unit		
	11	Changeover switch 160-200 Amps	1	Unit		
	12	Battery cables - 35mm ² Single Core Flex, PVC, PCP Cable	20	Unit		
	13	Load cables: 16 mm ² Three Core Flex nGS, PVC, PCP/EPR Cable	35	Unit		
	14	Alternate supply cable 16 mm ² three Core RHZ1 non amored Cable.	20	Unit		
	15	Solar array cables: 25 mm ²	40	Unit		
	16	25 mm ² bare single core grounding cable	20	Unit		
	17	Battery rack for 12 200AH deep cycle Gel batteries	1	Unit		
	18	12 way DC Combiner Box	1	Unit		
	19	Solar freezer	1	Unit		
	20	6 way Distribution box	1	Unit		
	21	1 hp dual inverter Air Conditioner	1	Unit		
	22	Solid rod Lightning arrestor (1.5meters exposure)	1	Unit		
	23	Full Grounding station	1	Lot		
	24	Termination ascessories	1	lot		
		Inland transportatation of all equipment to site	1	Unit		
	25	Complete installation of all equipment	1	Lot		
	26	Commisioning and testing	1	Lot		

EBONYI STATE

10	Ebonyi State DRTB Treatment Center, Mile 4, Abakaliiki	Full site Optimization				
	1	DC to AC Inverter	1	Unit		
	2	200AH Gel inverter batteries	12	Unit		
	3	Monocrystalline 400 watts Solar Panel	18	Unit		
	4	120amp MPPT Solar Charge Controller	1	Unit		
	5	1000-10000v Surge protection	1	Unit		
	6	Solar array stand (Galvanised)	1	Unit		
	7	Concrete base for solar array stand.	1	Unit		

		8 AC MCB 120 amps (Inverter Guard)	1	Unit		
		9 DC MCB 120 amps Dual pole (Battery Guard)	1	Unit		
		10 DC PV Disconnect 120 amps (Solar Array Guard)	1	Unit		
		11 Changeover switch 160-200 Amps	1	Unit		
		12 Battery cables - 35mm ² Single Core Flex, PVC, PCP Cable	20	Unit		
		13 Load cables: 16 mm ² Three Core Flex nGS, PVC, PCP/EPR Cable	35	Unit		
		14 Alternate supply cable 16 mm ² three Core RHZ1 non amored Cable.	20	Unit		
		15 Solar array cables: 25 mm ²	40	Unit		
		16 25 mm ² bare single core grounding cable	20	Unit		
		17 Battery rack for 12 200AH deep cycle Gel batteries	1	Unit		
		18 12 way DC Combiner Box	1	Unit		
		19 Solar freezer	1	Unit		
		20 6 way Distribution box	1	Unit		
		21 1 hp dual inverter Air Conditioner	1	Unit		
		22 Solid rod Lightning arrestor (1.5meters exposure)	1	Unit		
		23 Full Grounding station	1	Lot		
		24 Termination accessories	1	lot		
		25 Inland transportation of all equipment to site	1	Unit		
		26 Complete installation of all equipment	1	Lot		
		27 Commissioning and testing	1	Lot		
11	General Hospital Onueke	Replacement of 200AH Inverter Batteries	12	Unit		
		Summary Transportation and Labour	1	Item		

ZAMFARA STATE

12	Ahmed Sanni Yarima Bakura Specialist Hospital, Gusau	Replacement of 200AH Inverter Batteries	12	Unit		
		Summary Transportation and Labour	1	Item		

KWARA STATE

13	General Hospital Omuaran	Replacement of damaged solar panels	4	Lot		
		Solar array rewiring	1	Item		
		Replacement of DC breaker	1	Unit		
		Summary Transportation and Labour	1	Item		

TARABA STATE

14	FMC Jalingo	Full site Optimization				
		1 DC to AC Inverter	1	Unit		
		2 10KWH Lithium ion batteries	3	Unit		
		3 Monocrystalline 400 watts Solar Panel	18	Unit		
		4 120amp MPPT Solar Charge Controller	1	Unit		
		5 1000-10000v Surge protection	1	Unit		
		6 Solar array stand (Galvanised)	1	Unit		
		7 Concrete base for solar array stand.	1	Unit		
		8 AC MCB 120 amps (Inverter Guard)	1	Unit		
		9 DC MCB 120 amps Dual pole (Battery Guard)	1	Unit		
		10 DC PV Disconnect 120 amps (Solar Array Guard)	1	Unit		
		11 Changeover switch 160-200 Amps	1	Unit		
		12 Battery cables - 35mm ² Single Core Flex, PVC, PCP Cable	20	Unit		
		13 Load cables: 16 mm ² Three Core Flex nGS, PVC, PCP/EPR Cable	35	Unit		
		14 Alternate supply cable 16 mm ² three Core RHZ1 non amored Cable.	20	Unit		
		15 Solar array cables: 25 mm ²	40	Unit		
		16 25 mm ² bare single core grounding cable	20	Unit		
		17 12 way DC Combiner Box	1	Unit		
		18 Solar freezer	1	Unit		
		19 6 way Distribution box	1	Unit		
		20 1 hp dual inverter Air Conditioner	1	Unit		

	21	Solid rod Lightning arrestor (1.5meters exposure)	1	Unit	
	22	Full Grounding station	1	Lot	
	23	Termination accessories	1	lot	
	24	Inland transportation of all equipment to site	1	Unit	
	25	Complete installation of all equipment	1	Lot	
	26	Commissioning and testing	1	Lot	
		Summary Transportation and Labour	1	Item	

FCT

15	UATH Gwagwalada	Replacement of 5KVA Inverter	1	Unit	
16	DSS MC	Replacement of 200AH Inverter Batteries	4	Unit	
17	Garki Hospital	Repair of inverter	1	Item	
		Replacement of 200AH Inverter Batteries	4	Unit	
		Summary Transportation and Labour	1	Item	

SOKOTO STATE

18	Comprehensive Health Center, Kofar Rini	Replacement of Inverter Batteries with 10KWH Lithium ion batteries	3	Unit	
		Summary Transportation and Labour	1	Item	

KANO STATE

19	General Hospital Wudil	Replacement of Inverter Batteries with 10KWH Lithium ion batteries	3	Unit	
20	Sir Mohammed Sanusi Memorial Hospital	Replacement of Inverter Batteries with 10KWH Lithium ion batteries	3	Unit	
		Summary Transportation and Labour	1	Item	

NIGER STATE

21	PHCC Beji	Full site Optimization			
		1 DC to AC Inverter	1	Unit	
		2 10KWH Lithium ion batteries	3	Unit	
		3 Monocrystalline 400 watts Solar Panel	18	Unit	
		4 120amp MPPT Solar Charge Controller	1	Unit	
		5 1000-10000v Surge protection	1	Unit	
		6 Solar array stand (Galvanised)	1	Unit	
		7 Concrete base for solar array stand.	1	Unit	
		8 AC MCB 120 amps (Inverter Guard)	1	Unit	
		9 DC MCB 120 amps Dual pole (Battery Guard)	1	Unit	
		10 DC PV Disconnect 120 amps (Solar Array Guard)	1	Unit	
		11 Changeover switch 160-200 Amps	1	Unit	
		12 Battery cables - 35mm ² Single Core Flex, PVC, PCP Cable	20	Unit	
		13 Load cables: 16 mm ² Three Core Flex nGS, PVC, PCP/EPR Cable	35	Unit	
		14 Alternate supply cable 16 mm ² three Core RHZ1 non amored Cable.	20	Unit	
		15 Solar array cables: 25 mm ²	40	Unit	
		16 25 mm ² bare single core grounding cable	20	Unit	
		17 12 way DC Combiner Box	1	Unit	
		18 Solar freezer	1	Unit	
		19 6 way Distribution box	1	Unit	
		20 1 hp dual inverter Air Conditioner	1	Unit	
		21 Solid rod Lightning arrestor (1.5meters exposure)	1	Unit	
		22 Full Grounding station	1	Lot	
		23 Termination accessories	1	lot	
		24 Inland transportation of all equipment to site	1	Unit	
		25 Complete installation of all equipment	1	Lot	
		26 Commissioning and testing	1	Lot	

AKWA IBOM STATE

22	MGH Ituk Ibang	Relocation of inverter infrastructure to Imabridge Hospital, Ibesikpo	1	Lot	
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PLATEAU STATE

23	General Hospital Bokkos	Replacement of 200AH Inverter Batteries	12	Unit	
		Summary Transportation and Labour	1	Item	