

SUPPLY AND INSTALLATION OF ENERGY EFFICIENT AIRCONDITIONER

S/N	ITEM	SPECIFICATION	QTY
1	1HP Split Air conditioner	>8000BTU, High energy efficiency ratings (EER – the BTU/w/KW (Rated power) should be >10), Dual inverter compressor and 70% Energy savings, Moderate start up current surge, copper condenser, Remote monitoring and internet connectivity, R410A Refrigerant Gas, >5years warranty on compressor, with installation kits.	378
2	1.5HP Split Air conditioner	12000BTU, High energy efficiency ratings (EER – the BTU/w/KW (Rated power) should be >10), Dual inverter compressor and 70% Energy savings, low start up current surge, copper condenser, Remote monitoring and internet connectivity, R410A Refrigerant Gas, >5years warranty on compressor, with installation kits.	43
3	2HP Split Air conditioner	18000BTU, High energy efficiency ratings (EER – the BTU/w/KW (Rated power) should be >10), Dual inverter compressor and 70% Energy savings, low start up current surge, copper condenser, Remote monitoring and internet connectivity, R410A Refrigerant Gas, >5years warranty on compressor, with installation kits.	134
4	5 TON Standing Air conditioner	42000BTU, High energy efficiency ratings (EER – the BTU/w/KW (Rated power) should be >10), inverter compressor and 70% Energy savings, low start up current surge, Copper condenser, Remote monitoring and internet connectivity, R32 Refrigerant Gas, With installation kits.	13
5	AC Remote Monitoring Device	Remote management capability and internet connectivity, for control and monitoring of Acs	1

N.B The Air-conditioners would be supplied, installed and commissioned at the various locations as listed in the below table.

The AC remote monitoring device will be installed in Maiduguri where it can be used to monitor and control all the unit installed in Maiduguri Hub.

Number of Acs for each location.

No	Site (Locations)	Capacity (HP)	Quantity
1	Red Roof/ Maiduguri	1 HP	205
		1.5 HP	1
		2HP	60
		5HP	8
		Total ACs	274
2	Banki	1 HP	23
		1.5 HP	2
		2HP	9
		Total ACs	34
3	Banki EXT	1.5 HP	6
		2HP	20
		Total ACs	26
3	Bama	1 HP	7
		1.5 HP	9
		2HP	11
		Total ACs	27
4	Monguno	1 HP	22
		2HP	8
		Total ACs	30
5	Dikwa	1 HP	27
		2HP	12
		Total ACs	39
6	Gwoza	1 HP	27
		1.5 HP	6
		2HP	3
		Total ACs	36
7	Damasak	1 HP	38
		1.5 HP	7
		2HP	4
		Total ACs	49
8	Ngala	1 HP	19
		1.5 HP	7
		2HP	2
		Total ACs	28
9	Extra Acs	1 HP	10
		1.5HP	5
		2 HP	5
		5 TONs	5
		Total Extra Acs	25
		Total Units	568

Note: The extra ACs will be delivered in Maiduguri hub warehouse

Preliminary/Eligibility criteria

S/N	Eligibility Criteria	Requirement	PASS/FAIL
1	Vendor should be Air-conditioner manufacturer or in partnerships/joint ventures with air-conditioner manufacturer.	Provide manufacturer certificate or Signed MoU/partnership with air-conditioner manufacturer.	
2	Evidence of supply of 2 contracts of similar nature of financial value and complexity implemented over the last 3 Years.	Provide evidence of Purchase Orders and Contracts.	
3	Provide a methodology of after sales support to ensure installation is in good/optimum operation.	Vendor is required to provide response plan for escalations within the warranty period.	
4	Financial Stability	Demonstrated financial stability with recent financial statements showing sufficient capital to manage large orders.	
Only the bids of bidders that obtain a "Pass" in the eligibility evaluations shall undergo the technical evaluation.			

Technical criteria

S/N	Selection Criteria	Selection Requirement	PASS/FAIL
1	Vendor should submit technical sheets of proposed Air-conditioner	Datasheet must be of the same model of item as proposed and must show (Cooling Capacity/ Energy Efficiency/ Features (EER/SEER ratings). Compatibility: Units must be compatible with the existing electrical infrastructure (e.g., voltage, phase) and fit existing mounting configurations.	PASS/FAIL
2	Technical datasheet for Air-conditioner remote monitoring device	Datasheet must be of the same model of item as proposed.	PASS/FAIL
3	Warranty periods	Minimum of 2 years warranty and >5years warranty on compressor.	PASS/FAIL
4	Delivery and Installation plan: Stock Availability	Timeline: Provide a detailed delivery and installation plan from September 23, 2024, to November 2024. Installation Plan: Include a comprehensive plan outlining site preparation, the installation process, and post-installation testing. Logistics: Demonstrate robust logistics and transportation capabilities to ensure timely delivery to multiple locations.	PASS/FAIL