



Parliament Buildings, Presidential Way, Private Bag B362, Capital City, Lilongwe 3

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REQUEST FOR QUOTATION

Procurement Reference Number: **POM/RFQ/PDU/3/COOLING/2024/25/G/081**

To:

.....

..... Date: **1st November, 2024**

The Procuring Entity named above invites you to submit your quotation for carrying out the whole of the services as described herein. Any resulting order shall be subject to the Government of Malawi General Conditions of Contract for Local Purchase Orders (available on request) except where modified by this Request for Quotations.

SECTION A: QUOTATION REQUIREMENTS

- 1) **Description of Services and Location:** *Supply, delivery, Installation and Commissioning of Air cooling unit at Parliament*
- 2) Services are to commence by: **7 days** from the date of order.
- 3) Services are to be completed by: **10 days** from the date of order.
- 4) Quotations must be valid for **45 days** from the date for receipt given below.
- 5) Quotations and supporting documents as specified in Section B must be marked with the Procurement Number given above and indicate acceptance of the stated terms and conditions.
- 6) Quotations must be received, in sealed envelopes no later than: **12:00 hrs on 7th November, 2024.**
- 7) Quotations must be returned to: **The Chairperson, Internal Procurement and Disposal Committee, National Assembly, Parliament Building, Private Bag B362, Lilongwe 3. Attention: The Acting Chief Procurement Officer**
- 8) The attached Schedule of Rates and Prices at Section C together with any Terms of Reference or other documentation mentioned in Section C and appended, detail the services to be performed. You are requested to quote by completing Sections B and C. Quotations shall cover all costs of labour, materials, equipment, overheads, profits and all associated costs for performing the services including all taxes and duties. The total cost of performing the services shall be included in the items stated and the cost of any incidental services or materials shall be deemed to be included in the prices quoted.



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- 9) Quotations that are responsive, qualified and technically compliant will be ranked according to price. Award of contract will be made to the lowest priced quotation by the issue of a Local Purchase Order.

Signed: Name: **Annastanzia Chirwa**

Title/Position: **The Acting Chief Procurement Officer**

For and on behalf of the Purchaser



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Your quotation is to be returned on this Form by completing and returning Sections B and C including any other information and certification as stated within this RFQ.

SECTION B: QUOTATION SUBMISSION SHEET

- 1) Currency of Quotation: Malawi Kwacha
- 2) Services will commence withindays/weeks/months from date of Purchase Order.
- 3) Services to be completed bydays/weeks/months from date of Purchase Order
- 4) Validity period of this quotation isdays from the date for receipt of Quotations.
- 5) We enclose the following documents:
 - (i) Section C of the Request for Quotations completed and signed;
 - (ii) A copy of our Trading Licence
 - (iii) A copy of our Annual Tax Clearance Certificate (for the last financial year)
 - (iv) A list of recent Government contracts performed
 - (v) [Insert any other documentation required by the Procuring Entity]
- 6) We confirm that our quotation is subject to the terms and conditions stated in your Request for Quotations referenced above, and that any resulting contract will be subject to the Government of Malawi General Conditions of Contract for Local Purchase Orders.
- 7) We confirm that the prices quoted are fixed and firm for the duration of the validity period and will not be subject to revision or variation.

Authorised By:

Signature _____ Name: _____
:

Position: _____ Date: _____
(DD/MM/YY)

Authorised for and on behalf of:

Compan _____
y:

Registered Address:

.....
.....
.....



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If any additional documentation is attached to your quotation, a signature and authorisation at Section B and Section C is still required as confirmation that the terms and conditions of this RFQ prevail over any attachments. If the Quotation is not authorised in Section B and Section C, the quotation may be rejected.



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SECTION C: SCHEDULE OF RATES AND PRICES (TO BE PRICED BY BIDDER)

Item No.	Description of Services (Append detailed specifications, requirements, explanations and/or Terms of Reference as necessary)	Unit of Measure	Quantity	Unit Price Kwacha	Total Price Kwacha
1	Supply, delivery, installation and commissioning of Control room air cooling unit at Parliament <i>See attached specifications</i>	Each	1		
2	Supply, delivery, installation and commissioning of Control room air cooling unit at Parliament <i>See attached specifications</i>	Each	2		
TOTAL					

Note: it is mandatory to attach Pictorial sample with clear specifications. You are required to attend mandatory Pre-bid meeting on 5th November, 2024, at 10:00 hours.

Authorised By:

Signature _____ Name: _____
:

Position: _____ Date: _____
(DD/MM/YY)

Authorised for and on behalf of:

Company: _____

Item 1

ITEM No. 3 - AUDIO-VISUAL CONTROL ROOM AIR COOLING UNIT
SPECIFICATIONS

QUANTITY REQUIRED: 1

SPECIFICATIONS:

SPLIT TYPE AIR CONDITIONER			
Model		MFJ - 36AR	
Cooling Capacity		10.5kW	
Heating Capacity		11.0kW	
Refrigerant		R22/22400g	
Discharge Operating Pressure		2.4 MPa	
Suction Operating Pressure		1.0 MPa	
Standard Rating Conditions	Cooling	Current	8.2A
		Input	4300W
	Heating	Current	7.7A
		Input	3950W
Rated Current		10.6A	
Outdoor Unit Resistance Class		IP24	

Item 2

	V-1h-Hz	220-240-1-50	220-240-1-50	220-240-1-50	380-415-3-50	380-415-3-50
Power supply (Outdoor)	W	2200	2950	4500	6100	7500
Max. input consumption	W	10.0	14.0	21.0	13.0	14.0
Max. input current	A	18000(2700-21000)	24000(4100-28000)	36000(10000-41000)	47000(13600-55000)	55000(17000-63000)
Capacity	Btu/h	5.28(0.79-6.15)	7.03(1.20-8.21)	10.55(2.93-12.02)	13.78(3.99-16.12)	16.12(4.98-18.46)
Capacity	kW	1630(270-2365)	2170(400-3155)	4060(975-4620)	5159(1330-6200)	6395(1660-7100)
Input	W	7.5(1.2-10.9)	9.9(1.8-14.4)	18.5(4.2-20.1)	8.9(2.3-10.7)	11.0(2.9-12.3)
Current	A	6.3	6.1	6.1	5.6	5.6
SEER	W/W	A++	A++	A++	A+	A+
Energy Efficiency Class						
Capacity	Btu/h	19000(3000-24000)	24000(4100-29500)	38000(9000-45000)	53000(14300-60000)	62000(18000-70000)
Capacity	kW	5.57(0.88-7.03)	7.03(1.20-8.65)	11.13(2.64-13.19)	15.53(4.19-17.59)	18.17(5.28-20.51)
Capacity	W	1500(295-2510)	1900(400-3090)	3085(890-4690)	4555(1400-6765)	5735(1760-7320)
Input	W	6.8(1.38-11.50)	8.7(1.8-14.1)	13.4(3.8-20.4)	6.9(2.1-11.7)	9.9(3.0-12.6)
Current	A	4.0	4.0	4.0	4.0	4.0
SEER ¹	W/W	A+	A+	A+	A+	A+
Energy Efficiency Class						
Qty		1	1	1	124(Output)	120(Output)
Output	W	46(Output)	124(Output)	124(Output)	780/680/600	800/680/580
Capacitor	µF	750/630/570	700/600/450	730/670/600	1850/1600/1400	1900/1650/1450
Speed(ft ³ /min/lo)	f/min	660/550/490	1450/1250/1100	1900/1750/1460	55/51/48	52/49/46
Indoor air flow (Hi/Mi/Lo)	m ³ /h	46/42/38	46/42/39	53/50/47	63	68
Indoor sound pressure level (Hi/Mi/Lo)	dB(A)	56	61	61	840x840x287	840x840x287
Indoor sound power level (Hi)	dB(A)	570x570x260	840x840x245	840x840x245	900x900x292	900x900x292
Dimension (WxDxH)(body)	mm	655x655x290	900x900x257	900x900x257	950x950x55	950x950x55
Packing (WxDxH)(body)	mm	647x647x50	950x950x55	950x950x55	1035x1035x90	1035x1035x90
Dimension (WxDxH)(panel)	mm	715x715x123	1035x1035x90	1035x1035x90	28/32.1	31/34
Packing (WxDxH)(panel)	mm	715x715x123	1035x1035x90	1035x1035x90	25.6/29.6	5/8
Net/Gross weight (body)	kg	16.5/19	24/28	5/8	5/8	4.2/1.5
Net/Gross weight (panel)	kg	2.5/4.5	4.2/1.5	4.2/1.5	0.0/0.32	0.0/0.32
Net/Gross weight	MPa	4.2/1.5	4.2/1.5	4.2/1.5	0.0/0.32	0.0/0.32
Design pressure	MPa	0.0/0.25	0.0/0.32	0.0/0.32	0.952/0.159(3/8"/5/8")	0.952/0.159(3/8"/5/8")
Drainage water pipe dia	mm	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
Refrigerant piping	mm	17-32/Ø-30			100/12/238	100/212/238
Room temperature	°C	23/4/88/566	128/268/294	128/268/294	RO IARY	RO IARY
Qty/per 20' /40' /40'HQ	Indoor	RO IARY	RO IARY	RO IARY	3420	3420
Compressor	W	1035	1970	2600	6.85	6.85
Rated current(RLA)	A	7.32	6.95	5.10	5.10	5.10
Refrigerant oil	ml	ESTER OIL VG74/450	PQE(VG74)/670	PQE(VG74)/1000	Ester Oil VG74/1400	Ester Oil VG74/1400
Qty		1	1	1	2	2
Output	W	40(Output)	50(Output)	120(Output)	85(Output) x2	85(Output) x2
Speed(Hz)	f/min	850	760	950	850	850
Outdoor air flow	m ³ /h	2100	2700	4300	6800	7200
Outdoor sound pressure level/Outdoor sound power level	dB(A)	56.5/64	60.5/65	61/66	65/72	62.5/75
Dimension(WxDxH)	mm	800x333x554	845x363x702	946x410x810	952x410x1333	952x410x1333
Packing(WxDxH)	mm	920x390x615	965x395x755	1090x500x865	1095x500x1470	1095x500x1470
Net/Gross weight	kg	35.5/38.4	49/51.5	67.2/72.9	108.1/121.2	112.8/126
Refrigerant	kg	R410A	R410A	R410A	R410A	R410A
Design pressure	MPa	2088	2088	2088	2088	2088
Refrigerant piping	mm	4	3.2	3.2	4	4.3
Max. pipe length	m	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Max. difference in level	m	1.48	1.95	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	mm(mch)	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")	Ø9.52/Ø15.9(3/8"/5/8")
Refrigerant piping	m	30	50	65	65	65
Refrigerant piping	m	20	25	30	30	30
Ambient temperature	°C	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24	-15-50/-15-24
Qty/per 20' /40' /40'HQ	Outdoor	108/219/292	102/216/216	44/96/144	22/46/46	22/46/46

Nominal cooling capacity based on : - Indoor Air Temp. 27°C DB / 19°C WB - Outdoor Air Temp. 35°C DB
 Nominal heating capacity based on : - Indoor Air Temp. 21°C DB - Outdoor Air Temp. 7°C DB/6°C WB