

No.	Item	Specifications	Use	Quantity		
				amount	unit	
1	Air Purifier	1. Filtration System: - HEPA Filter: High-Efficiency Particulate Air (HEPA) filter capable of capturing 99.97% of particles as small as 0.3 microns, including dust, pollen, mold spores, and bacteria. -Activated Carbon Filter: Absorbs harmful gases, odors, and volatile organic compounds (VOCs) from the air, common in urban environments with pollution. 2. CADR (Clean Air Delivery Rate): (Optional) -A CADR suitable for large office spaces, ideally above 300 cubic feet per minute (CFM), to effectively clean and circulate air in a room size typical of office environments. 3. Coverage Area: -Designed to cover a large area, suitable for offices of at least 50 square feet to ensure efficient air purification throughout the workspace. 4. Air Quality Sensors: -Particle Sensor: Monitors the concentration of particulate matter (PM 1.0, PM2.5 and PM10) in real-time, providing feedback on current air quality levels. -Gas Sensor: Detects and measures levels of harmful gases such as carbon monoxide (CO), nitrogen dioxide (NO2), and ozone (O3), if relevant for the local environment.	Office and bedroom	8	pieces	
		5. Air Changes per Hour (ACH): -Capable of achieving at least 4 to 6 air changes per hour in the specified coverage area, ensuring rapid and thorough air purification. 6. Operation Modes: -Auto Mode: Automatically adjusts fan speed based on real-time air quality data sensed by the air purifier. -Sleep Mode: Operates quietly with dimmed lights for nighttime use without disruption. 7. Filter Life and Replacement: -Indicators for filter replacement based on usage and actual air quality conditions, ensuring optimal performance over time. -Easy-to-replace filters with straightforward maintenance procedures suitable for office environments. 8. Noise Level: -Low noise operation suitable for office settings, ideally below 55 decibels (dB) on higher fan speeds and even quieter in sleep mode. 9. Energy Efficiency: -Energy Star certified or equivalent rating to minimize electricity consumption, suitable for continuous operation in office environments without significantly impacting utility bills. 10. Design and User Interface: -Sleek and professional design that blends into office decor. -Intuitive control panel with digital display for easy monitoring of air quality indicators and operational settings. 11. Additional Features: -Timer Function: Allows scheduling of operation periods to match office hours. -Remote Control: Optional remote control for convenience in adjusting settings from a distance. -Wi-Fi Connectivity: Allows monitoring and control via smartphone app for remote management and data tracking.				

B. DELIVERY

- Two GIZ offices in Baghdad, four devices in each.
- Packing, loading, transportation, unloading and installation is under the responsibility of the supplier and respective costs are included in the total price

C. REMARKS AND CONDITIONS

- Catalogues or Technical data sheet are requested for all items.
- Comparable specifications to be highlighted in the catalogues.
- Reference pictures are only to recognize and understand the items, not an indication for any model or brand.
- The supplier must specify the warranty duration for all items, minimum for two years
- The supplier shall provide the items with all standard technical features and specifications and in full working condition.
- All standard accessories for all offered items should be provided.