

KETERANGAN PEMBELIAN TEMPATAN - JKP KEMENTAH

RUJUKAN SEBUTHARGA : MINDEF/DFA/FY2026/NAU/CSTRAD/LP/1001

TARIKH TUTUP SEBUTHARGA : 24 - 9 - 2026 (KHAMIS, 08:00 PAGI)

PETI PENERIMAAN SEBUTHARGA : BOX (4)

ALAMAT BARU: BANGUNAN ARKIB, ARAS BAWAH, KEMENTERIAN PERTAHANAN,
BOLKIAH GARISON

NAMA SYARIKAT : _____

CAP SYARIKAT DAN TANDATANGAN : _____

TEL PEMBEKAL : _____ FAX PEMBEKAL : _____

E-MAIL PEMBEKAL : _____

VENDOR ID PEMBEKAL : _____

BIL	KETERANGAN BARANG	KTI	HARGA SATU	HARGA SEMUA	TEMPOH SAH HARGA (MINIMUM 180 HARI)	TEMPOH PENGHANTARAN	BUATAN NEGERI	LAIN-LAIN HAL
1	<u>PEMBELIAN PERALATAN ROOM ENVIRONMENT MONITORING SYSTEM</u> Room Environment Monitoring System (Sila rujuk Spesifikasi yang di sertakan)	6 units						

PERHATIAN:

Perkara-perkara yang perlu (mandatori) di hadapkan sebelum tarikh tutup sebutharga :



Katalog & Spesifikasi Teknikal mesti di sertakan untuk penilaian.



Contoh

Jika di dapati gagal, sebutharga tersebut tidak akan di pertimbangkan.

PERINGATAN:

Tidak dibenarkan menggunakan katalog Jabatanarah ini.

Jumlah semua harga yang di tawarkan - angka B\$ _____ dan perkataan: _____

SPESIFIKASI DAN CONTOH GAMBAR UNTUK DIKEMASKINI

CERAIAN A KEPADA
MINDEF/CSTRAD/Q/211
BERTARIKH 28 OGOS 2026

I. SPESIFIKASI UNTUK DIKEMASKINI

Bil.	Perkara	Kuantiti	Spesifikasi
1.	Laboratory Environment Monitoring System	6 units	- Device that continuously measure and record real-time data of the indoor environmental conditions - Indoor air quality monitoring device shall be equipped with an on-device display capable of displaying the measured values and log the following measuring parameters in real time (not limited to): - Date (Day, Month and Year) - Time - Temperature - Relative Humidity (RH) - Carbon Dioxide (CO₂) - Total Volatile Organic Compounds (TVOC) - Formaldehyde (CH₂O) - Particulate Matter (PM): - PM10 - PM2.5 - Parameters Measuring Range: - Temperature: -5°C to +50 °C with resolution 0.1°C - RH: 0.1% to 90% RH with resolution 0.1% RH - CO₂: 400 to 5000 ppm with resolution 1 ppm - TVOC: 0.01 to 9.99 mg/m³ with resolution 0.01 mg/m³ - CH₂O: 0.001 to 1.999 mg/m³ with resolution 0.001 mg/m³ - PM (PM2.5 & PM10): 0 - 999 µg/m³ with resolution 1 µg/m³ - Parameters Accuracy: - Temperature: ± 0.5°C or better accuracy - RH: ± 3% RH or better accuracy - CO₂: ± 50 ppm or better accuracy - TVOC: ± 15 % or better accuracy - CH₂O: ± 15 % or better accuracy - PM (PM2.5 & PM10): ± 10 % or better accuracy - Logging interval: Configurable data logging interval with a minimum interval of 1 minute - Data Logging and Storage: Able to record and store data continuously for at least 30 days - Equipped with audible threshold exceedance alarms with adjustable volume and threshold values, and coloured status indicators to provide visual indication of parameter conditions - Power Source: Rechargeable battery and supplied with charging cables - Operating Voltage: AC 110 V~220 V with British standard 3-pin plug (preferable with replaceable fuse) The supplied devices support integrated real-time data monitoring and alert from all six (6) devices via a user-friendly software and can be viewed on mobile devices (the offer shall include the software and mobile application, where applicable, and all required accessories for the operation and connectivity of the devices) - Supplied device must be pre-calibrated with inclusive of valid calibration certificate in English Language upon delivery - Comply with applicable international standards and requirements for electrical equipment, including but not limited to International Electrotechnical Commission (IEC) safety standards,



		<i>Electromagnetic Compatibility (EMC) requirements and European Conformity (CE) requirements</i> • Warranty: ○ <i>Warranty period: Minimum 1 year upon delivery</i> ○ <i>Includes coverage for mechanical and electrical defects not caused by user errors</i> • Training: ○ <i>Includes training on the standard operations and basic troubleshooting of the supplied devices and software</i> ○ <i>Includes guidance on basic or user-level maintenance procedure for the supplied devices</i> • <i>Supplied with user manual in English Language</i>
<i>Features</i>	<i>Optional</i>	• <i>Other measuring parameters (not limited to):</i> ○ <i>Carbon Monoxide (CO)</i> ○ <i>Nitrogen Dioxide (NO₂)</i> • <i>The supplied devices are rechargeable via USB connection and come with appropriate cables</i>
<i>Software</i>	<i>Included</i>	• <i>Supplied with a compatible datalogging software that is able to read, record, store and export data from the device</i> • <i>Inclusive of software licence for three (3) years, if applicable</i> • <i>Must be able to retrieve logged data through offline download via compatible USB connection to computer</i> • <i>Software must be supplied in the original manufacturer format and installable via USB connection</i> • <i>Supplied with user manual in English Language</i>
<i>Delivery</i>	<i>Included</i>	• <i>Full delivery to Ministry of Defence, Brunei Darussalam with installation and setup of the supplied devices and software</i> • <i>For overseas suppliers, delivery to Brunei Darussalam must include online guidance for installation and set-up, international shipping cost, export clearance, import duties, customs clearance and associated requirements</i>

II. CONTOH GAMBAR UNTUK DIKEMASKINI

Item 1:
Laboratory
Environment
Monitoring
System

CONTOH
GAMBAR 1

CONTOH
GAMBAR 2

CONTOH
GAMBAR 3