

KETERANGAN PEMBELIAN TEMPATAN - JKP KEMANTAN

RUJUKAN SEBUTHARGA : MINDEF/DFA/FY2026/GCAU/CSTRAD/LP/2054
TARIKH TUTUP SEBUTHARGA : 6 / 8 / 2026 (KHAMIS, 8.00 PAGI)
PETI PENERIMAAN SEBUTHARGA : BOX (1)
ALAMAT BARU: : ARAS BAWAH, BANGUNAN ARKIB
KEMENTERIAN PERTAHANAN, BOLKIAH GARISSON

NAMA SYARIKAT : _____
COP SYARIKAT & TANDA TANGAN : _____
TEL PEMBEKAL : _____ FAX PEMBEKAL : _____
EMAIL PEMBEKAL : _____
TAFIS VENDOR ID: _____

BIL	KETERANGAN BARANG	KTI	HARGA SATU	HARGA SEMUA	TEMPOH SAH HARGA (MINIMUM 180 HARI)	TEMPOH PENGHANTARAN	BUATAN NEGERI	LAIN-LAIN HAL
	<u>PEMBELIAN BARANGAN ELEKTRONIK BAGI PUSAT PENYELIDIKAN</u>							
1	Software Defined Radio (SDR) Module Packaging: Per Each	1 Set						
2	Precision Screwdriver Packaging: 8 Unit per Set	1 Set						
A	<i>As per specifications included.</i>							
B	PERINGATAN: Tidak di benarkan menggunakan katalog Jabatanarah ini. PERHATIAN: Perkara-perkara yang perlu (mandatori) dihadapkan sebelum tarikh tutup sebutharga: ☐ / Katalog ☐ Contoh Jika didapati gagal, sebutharga tersebut tidak akan dipertimbangkan.							

JUMLAH SEMUA HARGA YANG DITAWARKAN - ANGKA B\$ _____ DAN PERKATAAN : _____

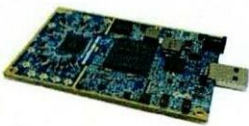
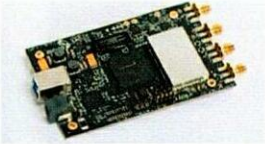
SENARAI SPESIFIKASI DAN CONTOH GAMBAR PERALATAN ELEKTRONIK UNTUK KEGUNAAN PROJEK PENYELIDIKAN CSTRAD

a) Senarai Spesifikasi Peralatan Elektronik

Bil.	Perkara	Kuantiti	Spesifikasi
1.	Software Defined Radio (SDR) Module	1 set	• Flexible hardware device that captures or transmits raw radio waves and converts the radio waves into digital data for software processing • Frequency Range: ◦ Minimum range: 300 MHz or lower ◦ Maximum range: 3.40 GHz or higher • Channel Width: 20 MHz or higher • Clock Stability: 1ppm or better • Analog to Digital Converter (ADC): 12-bit or more • Digital to Analogue Converter (DAC): 12-bit or more • Transmission power: +5 dBm or more • Radio Frequency (RF) Connectors: At least 2 Gold Plated RF connector • Supported Operating System: Windows 11 and Linux • Supported Software: At least GNU Radio, SDR# and MATLAB • Features: ◦ Multiple-Input-Multiple-Output (MIMO) Support ◦ Built-in Field-Programmable Gate Array (FPGA) ◦ Built-in USB 3.0 Controller • Optional features: ◦ Built-in selectable band pass filter ◦ Built-in amplifier or Low-Noise Amplifier (LNA) • Accessories: ◦ Supplied with the <u>required antenna(s)</u> for the operating frequency range ◦ Supplied with the <u>required driver</u> for the module ◦ Supplied with all the <u>required connection cables</u> (i.e. USB cables, RJ45 cables, antenna cables and etc.) ◦ Supplied with <u>appropriate power adaptor</u> (if the module requires) ◦ Supplied with <u>at least 2 appropriate SMA adaptor</u> to connect antenna(s) to the board (if main connector is not SMA) • Warranty: ◦ Warranty period: Minimum 1 year upon delivery ◦ Includes coverage for <u>faults</u> such as mechanical and electrical defects not caused by user error • Delivery: ◦ Full delivery inclusive of any delivery charges, export clearance, import duties, customs clearance, permits, and other associated requirements to Ministry of Defence, Brunei Darussalam

Bil.	Perkara	Kuantiti	Spesifikasi
2.	Precision Screwdriver	1 set (at least 8 units)	• For precision works such as repair of electronics equipment, instruments and telecommunication devices. • Screwdriver material: S2 Steel or Chrome Vanadium Steel • Features: ○ Magnetic tips ○ Electrostatic Discharge (ESD) safe ○ Anti-slip handle ○ Rotatable cap ○ Non-removeable tip • Included bit type but not limited to: ○ PH000 ○ PH00 ○ PH0 ○ PH1 ○ Slotted 1.0 mm ○ Slotted 2.0 mm ○ Slotted 1.5 mm ○ Slotted 2.5 mm • Others: ○ Supplied with box/case for easy storage

b) Senarai Contoh Gambar Peralatan Elektronik

<i>Item 1:</i> <i>Software Defined</i> <i>Radio (SDR) Module</i>	CONTOH GAMBAR 1 CONTOH GAMBAR 2 CONTOH GAMBAR 3   
<i>Item 2:</i> <i>Precision Screwdriver</i>	CONTOH GAMBAR 1   CONTOH GAMBAR 2