

BORANG PERMOHONAN SEBUTHARGA
QUOTATION REQUEST FORM

 UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH	UNIT PEROLEHAN FTKA FAKULTI TEKNOLOGI KEJURUTERAAN AWAM UNIVERSITI MALAYSIA PAHANG AL-SULTAN ABDULLAH LEBUH PERSIARAN TUN KHALIL YAAKOB 26300, KUANTAN, PAHANG DARUL MAKMUR
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No. Rujukan : FTKA/QRF/2024 (15)
Tarikh / Tempoh : 19 APRIL 2024 / 9 hari (waktu bekerja)

☒ Segera Uraent

☒ Sila kemukakan maklumbalas *Kindly reponse*

sebelum ~~before~~ **03 MEI 2024**
melalui e-mel/ pos dan kurier / serahan tangan
via e-mail / post and kurier / by hand

Tuan/Puan, *Dear Sir/Madam,*

Sila tawarkan sebutharga terbaik tuan/puan untuk perkara berikut *Please quote the best price for the items :*

**Memohon sebutharga peralatan makmal "TURBIDIMETER" untuk kegunaan pengajaran dan pembelajaran di Makmal Alam
Sekitar, FTKA, Universiti Malaysia Pahang Al-Sultan Abdullah**

Bil	Keterangan Peralatan/ Perkhidmatan	Lampiran Gambar	Kuantiti	
1	<u>TURBIDIMETER</u> 1-Overview of Equipment:- Turbidimeter /Turbidity Meters technically known as nephelometers – emit light and measure the amount scattered by particles in the sample. The units depend on the wavelength of the light and the angle of the detector(s)13; the most common units are Nephelometric Turbidity Units (NTU) or Formazin Nephelometric Units (FNU). 2-Features:- i. High-performance portable turbidity meter meets the design criteria in ISO 7027 ii. 2 to 5 points calibration using the Formazin Standards iii. Selectable 4 turbidity units, including the NTU, FNU, EBC and ASBC iv. Single measurement mode automatically senses and locks a stable reading v. Continuous measurement mode can be used for indexing or matching the sample vials vi. Auto-power off effectively conserves battery life vii. Setup menu allows setting the number of calibration points, resolution, date and time, etc. viii. Reset function automatically resumes all settings back to the factory defaults ix. Expanded memory stores or recalls up to 100 data sets x. USB communication interface for data transfer or connecting a power adapter to meter		2	UNIT

3-Specifications:- i. Range: 0~1100 NTU, 0~275 EBC, 0~9999 ASBC ii. Resolution: 0.01 (0~99 NTU), 0.1 (100~999 NTU), 1 (1000~1100 NTU) iii. Accuracy: $\pm 2\%$ of reading (0~500 NTU), $\pm 3\%$ of reading (501~1100 NTU) iv. Calibration: 2 to 5 points v. Calibration Standards: 0.02, 10, 200, 500, 1000 NTU vi. Light Source: Infrared-emitting diode (850 nm wavelength) vii. Detector: Silicon photodiode viii. Stray Light: Less than 0.02 NTU ix. Sample Vial: 60 (H) $\times$ 25 ($\varnothing$) mm x. Sample Volume: 30 mL xi. Memory: 100 data sets, approximately xii. Communication Interface: USB xiii. Operating Temperature: 0~50°C xiv. Display: Custom LCD (60 $\times$ 40 mm) xv. Power Requirements: 3 $\times$ 1.5V AA batteries or 5V DC power adapter xvi. Dimensions: 180 (L) $\times$ 85 (W) $\times$ 70 (H) mm xvii. Weight : 300 g			
4- Additional Accessories:- Sample vials (60MM Length x 25MM Diameter)		12	PCS
5- Commissioning and Testings:- Commissioning and testing, compatibility and the functioning of the system should be included.			
6-Training :- The bidder should include complete comprehensive training by qualified personnel on – site at the own cost with: 1. Introduction and demonstrations 2. Experiment examples and hands-on activities			
7-Manual :- Supplied with equipment operation manual			
8-Warranty :- 1 Year Comprehensive On-Site Warranty, including Parts, Labor, Service and Accessories.			
9- Delivery:- Delivery within 4 to 8 weeks after receiving the offer letter			

Notes : 1. Pictures shown is for illustration purpose only
2. All quotations must state product specification

- a) Sila hantarkan sebut harga anda sebelum **03 MEI 2024**
*Please send your quotation before **03 MEI 2024***
- b) Semua sebut harga hendaklah dihantar melalui e-mel : perolehanftka@umpsa.edu.my
All quotations should be sent via email : norazimah@umpsa.edu.my
- c) Sila nyatakan nombor rujukan petikan mengenai subjek e-mel.
Please state the quotation reference number on email's subject.
- d) Sebarang pertanyaan yang berkaitan, sila hubungi Pegawai Bertanggungjawab untuk perincian selanjutnya.
Any relevant enquiries, please do not hesitate to call Person Incharge (PIC) for further clarification.

Terima kasih kerana memberi sokongan baik kepada kami *Thank you for giving us your kind support.*

Selamat sejahtera *Best Regards,*

NORAZIMAH BINTI ABDUL AZIZ

No. Telefon Bimbit Mobile No.: 0194112007

e-Mel : norazimah@umpsa.edu.my