

Nomor : CBT/SPPH26/MR/09.71 ATAU RFQ **214800**

Tanggal : 21 September 2026

**Kepada Yth,
Penyedia Eksternal PT Sucofindo
Ditempat**

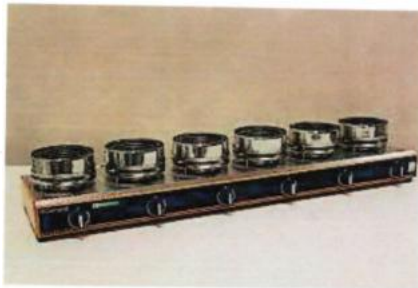
Perihal : Surat Permintaan Penawaran Harga (SPPH)

Dengan Hormat,

Bersama ini disampaikan permintaan penawaran harga dari Perusahaan Saudara atas barang/pekerjaan yang akan kami adakan sebagaimana terinci dalam uraian barang/pekerjaan sebagai berikut :

No	Nama Barang	Spesifikasi	QTY	USER
1	KARL FISCHER AUTOTITRATION	- Merk: Metrohm - Type: - - Persyaratan Tambahan: - Double Pt-wire electrode 1 ea - 800 Dosino 1 ea - Dosing Unit 10 ml 1 ea - USB Drive 1 ea - Std Acc for KfV 1 ea - Hydranal Composite 5 - Hydranal Methanol Rapid - Water Standard 1% (PN: ROW-CHEMICALS) 1 ea - HP Mobile Printer 200 (PN: ROW-PRINTER) 	1 Unit	SBU LABORATORIUM SUB BAG AKU
2	DAYA LETUP KONDOM	- Merk: Saicheng Instrument - Type: BYT-BV1000 - Persyaratan Tambahan:	1 Unit	SBU LABORATORIUM SUB BAG AKU

		Features : - The instrument is mainly used to test the required volume and pressure of the condom during the process from inflation test to explosion. - One button automatic operation. - The instrument can not only automatically display and record the volume and pressure value of the condom when it explodes, but also automatically analyze the information on unqualified products. - One instrument can control at least two condom blasters at the same time. - Operators can add or edit test standards independently. - The instrument can be operated offline, collect data automatically, record the pressure value, volume value, and other data when blasting is tested, and provide reports. - The condom is fixed between the inflation sleeve and the clamp. After the sleeve and the condom are inflated automatically in sequence, the tester will reveal the burst pressure and the inflation volume clearly. - ISO 23409, ASTM D6324, GB/T 7544-2009 <table><tr><td><u>Items</u></td><td><u>Specifications</u></td></tr><tr><td>Number of Specimens</td><td>2</td></tr><tr><td>Pressure Range</td><td>0 ~ 10 kPa</td></tr><tr><td>Accuracy</td><td>0.05 kPa</td></tr><tr><td>Volume Range</td><td>0 ~ 60 dm³</td></tr><tr><td>Accuracy</td><td>1 dm³</td></tr><tr><td>Air Pressure</td><td>0.6 MPa ~ 1 MPa (Outside of Supply)</td></tr><tr><td>Port Size</td><td>Φ6 mm PU Tube</td></tr><tr><td>Instrument Dimension (L x W x H)</td><td>1000 mm x 500 mm x 1400 mm</td></tr><tr><td>Power Supply</td><td>120VAC 60Hz / 220VAC 50Hz (can be changed to local requirement)</td></tr><tr><td>Net Weight</td><td>40 kg</td></tr></table> Standard Configurations : Instrument, Micro-Printer, Protection Cover Optional Parts : Professional Software, Communication Cable, Sub Testing Machine Note: 1. The gas supply port of the instrument is Φ6 mm PU Tubing; 2. Customers will need to prepare for gas supply. 	<u>Items</u>	<u>Specifications</u>	Number of Specimens	2	Pressure Range	0 ~ 10 kPa	Accuracy	0.05 kPa	Volume Range	0 ~ 60 dm ³	Accuracy	1 dm ³	Air Pressure	0.6 MPa ~ 1 MPa (Outside of Supply)	Port Size	Φ6 mm PU Tube	Instrument Dimension (L x W x H)	1000 mm x 500 mm x 1400 mm	Power Supply	120VAC 60Hz / 220VAC 50Hz (can be changed to local requirement)	Net Weight	40 kg		
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3	FLASK HEATER	- Merk: Gerhardt - Type: - - Persyaratan Tambahan:	1 Unit	SBU LABORATORIUM SUB BAG AKU																						

		• Jumlah Posisi Pemanas: 6 posisi (dapat diatur secara mandiri). • Kapasitas Labu: 250 ml hingga 750 ml. • Suhu Maksimum: 650 °C. • Daya Nominal: 3480 Watt. • Tegangan Listrik: 400 V (3 Phase + Neutral). • Dimensi (P x L x T): 900 x 225 x 130 mm. • Berat: Sekitar 10 kg. Fitur Penting • Kontrol Presisi: Setiap posisi pemanas memiliki sakelar utama, lampu indikator, dan pengatur daya kontinu (infinitely adjustable). • Keamanan: Dilengkapi dengan sirkuit pemutus arus berlebih (surge protection) untuk setiap posisi hotplate. • Elemen Pemanas: Menggunakan elemen tubular berbentuk palung dalam reflektor stainless steel untuk distribusi panas maksimal. • Instalasi Listrik: Karena daya yang besar, unit ini wajib dipasang melalui koneksi permanen oleh teknisi listrik ahli. Sertifikat kalibrasi menggunakan laboratorium Kalibrasi PT SUCOFINDO kecuali ada pernyataan tertulis dari laboratorium Kalibrasi PT SUCOFINDO bahwa tidak bisa melakukan kalibrasinya <u>Garansi 1 tahun, jaminan ketersediaan sparepart 10 tahun.</u>		
				
4	DOUBLE LAYER HOT PRESS MACHINE (ELECTRIC HEATING) / MOLDING EQUIPMENT AUTOMATIC MODE	- Merk: HST / KASON - Type: HST-6014C-30 - Persyaratan Tambahan: (terlampir) 	1 Unit	SBU LABORATORIUM SUB BAG AKU
5	LAMPU UV	- Merk: Camag - Type: - - Persyaratan Tambahan:	1 Unit	SBU LABORATORIUM SUB BAG AKU

		Panjang Gelombang & Fungsi • 254 nm (Short-wave): Digunakan untuk melihat senyawa yang menyerap cahaya UV. Jika plat TLC mengandung indikator fluoresensi (seperti F254), senyawa akan muncul sebagai bercak gelap di atas latar belakang yang terang (fenomena <i>fluorescence quenching</i>). • 366 nm (Long-wave): Digunakan untuk senyawa yang memiliki fluoresensi alami. Senyawa tersebut akan muncul sebagai bercak bercahaya (seringkali dengan warna berbeda) di atas latar belakang gelap. Fitur Keamanan & Teknis Untuk melindungi pengguna dari radiasi UV yang berbahaya, Camag melengkapi lampu ini dengan fitur cerdas: • Tilt Sensor: Lampu akan otomatis mati jika dimiringkan lebih dari 30 derajat untuk mencegah paparan langsung ke mata. • Auto-Timer: Mematikan lampu secara otomatis setelah 10 menit penggunaan. • Konstruksi: Terbuat dari aluminium anodisasi dan plastik tahan benturan dengan filter UV yang dapat dilepas untuk menyaring cahaya tampak. • Daya: Menggunakan dua tabung UV masing-masing berkapasitas 8 Watt. [1, 2, 4, 5, 8] Aksesori Pendukung Lampu ini sering digunakan bersama CAMAG UV Cabinet 4 (Viewing Box). Kabinet ini menyediakan ruang gelap total sehingga bercahaya yang redup pun dapat terlihat jelas, serta memiliki jendela pengintai dengan filter pelindung mata 		
6	MELTING POINT	- Merk: Buchi - Type: M-565 - Persyaratan Tambahan: • Positions for melting capillaries 3 • Positions for boiling capillaries 1 • Precision magnifying lens 1 • Magnification of lens 2.5 x • Display Colour, TFT, 320 x 240, 3.5" • Determination temperature range Ambient + 10 °C to 400 °C • Temperature resolution 0.1 °C • Accuracy of the oven temperature at 0.5 °C/min up to 250 °C ± 0.3 °C 250 °C to 400 °C ± 0.3 °C to ± 0.5 °C • Repeatability of melting point at 0.5 °C/min ± 0.1 °C • Accuracy of boiling point at 1.0 °C/min up to 400 °C ± 0.5 °C • Temperature gradients °C/min 0.1, 0.2, 0.5, 1, 2, 3, 5, 10, 20 • Heat-up time (50 °C – 350 °C) at 25 °C ~ 4 min • Cool-down time (350 °C – 50 °C) at 25 °C ~ 13 min • Electrical supply 100 – 240 V (± 10%) 50 – 60 Hz • Power consumption 150 W • Storable methods for melting point 50 • Storable methods for boiling point 50 • Compliant with Pharmacopeia methods PH. EUR. 6.1.2.2.60, USP XXI 741 and JP • Interfaces 1 x PS/2 1 x RS232 1 x USB • Languages en / de / fr / it / es / ia / cn	1 Unit	SBU LABORATORIUM SUB BAG AKU

				
7	STATIC CONDUCTIVITY	- Merk: HORIBA - Type: - - Persyaratan Tambahan: Measurement Parameters & Range As a dual-channel device, it can display two parameters at once: • pH: -2.000 to 20.000 pH (Resolution: 0.01 / 0.001 pH). • Conductivity (EC): 0.000 µS/cm to 2000.0 mS/cm. • ORP (mV): ± 2000.0 mV. • Ion: 0.000 µg/L to 9999 g/L. • Resistivity: 0.000 Ω-cm to 20.000 MΩ-cm. • Total Dissolved Solids (TDS): 0.01 mg/L to 1000 g/L. • Salinity: 0.00 to 80.00 ppt (0.00 to 8.00 %). • Temperature: -30.0 °C to 130.0 °C. Key Technical Features • Dual Channel: Can measure pH/Ion on Channel 1 and Conductivity on Channel 2 simultaneously. • Display: Large, color touch-screen LCD with an intuitive "flick" interface (similar to a smartphone). • Calibration Points: ○ Up to 5 points for pH (USA, NIST, or Custom buffers). ○ Up to 4 points for Conductivity. ○ Up to 5 points for Ion. • Data Management: Internal memory for up to 2,000 data sets. • Compliance: Full GLP/GMP support with date, time, and operator ID stamping. Connectivity & Hardware • Output: USB and RS232C for connection to a PC or printer. • USB Flash Drive: Direct data export to a thumb drive. • Security: Password-protected settings for multi-user labs. • Electrode Arm: Includes a 360-degree rotating stand that can hold up to 3 electrodes.	1 Unit	CABANG BATU LICIN



Untuk kelancaran proses pengadaan, kami harapkan perusahaan saudara memenuhi persyaratan berikut :

1. Peserta tender harus sudah memenuhi lampiran wajib pada aplikasi e-procurement SUCOFINDO.
2. Memiliki Nomor Induk Berusaha (NIB) sesuai dengan kategori barang yang akan di supply.
3. Batas waktu peserta Ikut Pengadaan pada **E-PROC** Sucofindo sampai dengan hari **Kamis, 24 September 2026 pukul 15:00 wib**
4. Peserta tender yang memenuhi persyaratan akan mendapatkan undangan Aanwijzing.

Hormat kami,

Ariq Valiandra

Kepala Bagian Dukungan Bisnis

LAMPIRAN CBT/SPPH26/MR/09.71
Detail Persyaratan Tambahan Item No 4 “DOUBLE LAYER HOT PRESS MACHINE (ELECTRIC HEATING) / MOLDING EQUIPMENT AUTOMATIC MODE”

Item \ Model	HST-6014C-10	HST-6014C-30	HST-6014C-50
Pressure capacity	10T	30T	50T
Pressure gauge	Dual-node pressure adjustable, pressure adjustment accuracy 10%		
Platen size (mm metric)	300*300(250*250/350*350/400*400/400*450/500*500*600mm Optional)		
Hot plate material	Imported high-temperature-resistant steel plate, surface carbonization and quenching, special treatment for fast heat conduction, parallel pressure unchanged, wear-resistant.		
Platen hardness	50~60HRC		
Platen flatness	≤0.03mm		
Platen parallelism	≤0.16mm		
Temperature range	RT-250°C (Can be customized)		
Temperature uniformity	2.5°C 【The larger the platen, the higher the temperature, the worse the temperature uniformity】		
Temperature Controller	Precision module, with PLC touch screen control, touch screen display, numerical display.		
Temperature control method	Precise control of the temperature control board, self-tuning with high-precision sensors, temperature control display accuracy: ±0.1°C.		
Timer	Setting display in the touch screen, time range 0.1S~99min~9.9hr		
Heater	Built-in cylindrical heating mold [configure different powers according to the area of the pressing plate, the temperature uniformity of the packaging pressing plate, not the same power]		
Heating time	It takes about 15 minutes at room temperature to 160°C		
Two hot plates	The hot plate can be set to control the temperature separately		
Heating method	Electric heating		
Two cold plates	Water-cooled laminates are controlled by water temperature		
Cooling method	Water cooling		
Hydraulic system	CREE.6 hydraulic flow closed-loop control system is adopted, the oil pump drives high-performance electro-hydraulic and the piston of high-precision non-resistance cylinder implements equal-rate control mode, with automatic pressure compensation function. One-time pressurization and automatic pressure supplement, strong load force, stable lifting: Automatic pressurization, pressure maintenance, pressure relief.		
Cylinder stroke	Max 150mm (Can be customized)		
Cylinder speed	11mm/s		
Pressure gauge	0~200kg/sq.cm		
Mold opening method	Fully automatic up and down (with manual and automatic dual functions)		
Safety devices	Safety shield, safety gate.		
Number of safety devices	4		
Matching mold frame [optional]	Customized		