

Bagian: QC

ANALISA PERMINTAAN BARANG

Due date : 16-Jun-26

Tanggal : 28-Apr-26

No	Kode Barang	Nama Barang	Satuan	Stok Saat Ini (A)	Rencana Kebutuhan (B)	Kekurangan (A -B + C)	Pending Penerimaan (C)	Jumlah	Realisasi Pembelian	Realisasi Penggunaan
1	IMO11010	Kulkas	Un	0	1	-1	0	1	0	0

Catatan :

Laboratory Refrigerator Pharma Grade Brand : Liebherr, Model : SRPvh 1402 Perfection

- Digunakan untuk penyimpanan media yang akan digunakan untuk pemeriksaan mikrobiologi.
- Estimasi harga : 113,680,000 /Unit

Latar Belakang Permintaan

- Saat ini diperlukan penambahan refrigerator karena kapasitas yang ada sudah tidak mencukupi. Hal ini dikarenakan adanya penambahan titik dan frekuensi pemantauan mikrobiologi lingkungan yang membutuhkan penyimpanan media siap pakai
- Eksisting saat ini hanya terdapat 1 unit Showcase Refrigerator di lab mikrobiologi dengan no.inventaris : 001/QC.13/MIKR/ES/X/17
- Terlampir Latar belakang permintaan barang, dan Penawaran harga

Dibuat

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Mengetahui

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 PT. MERSIFARMA TM SUKABUMI-INDONESIA	FORMULIR LATAR BELAKANG PERMINTAAN BARANG		Diisi oleh Pemohon	
	DEPARTEMEN : Quality Control (QC)		No. : <u>010</u> /LBPB/ <u>IV</u> /20 <u>26</u>	
☐ Peralatan Produksi ☐ Peralatan Engineering ☐ Peralatan Umum / Logistik / K3 ☐ Peralatan Komputer ☒ Peralatan Laboratorium ☐ _____ ☐ _____ ☐ _____			Rencana Waktu Penggunaan: Mei 2026	
			Lead time Purchasing : 30 Hari	
☐ Peralatan Baru ☒ Penambahan ☐ Penggantian ☐ Berita Acara Kerusakan				
SYARAT WAJIB PERALATAN BARU DAN PENAMBAHAN: 1. Lampirkan Foto / Brosur / Leaflet / Drawing Peralatan Baru. 2. Lampirkan Estimasi Harga atau Penawaran Harga. 3. Permintaan Peralatan Jenis Baru dibuat hanya sekali untuk awal mendaftarkan ke sistem QAD. 4. Permintaan Penambahan Peralatan jenis yang sama tetap mengisi Formulir dengan melampirkan Histori Peralatan beserta Nomor Inventaris sebelumnya. 5. Barang diterima oleh Pemohon wajib memberikan Nomor Inventaris sesuai penomoran standar perusahaan.				
SYARAT WAJIB PENGGANTIAN: 1. Lampirkan Foto Peralatan sebelumnya yang akan diganti. 2. Lampirkan Berita Acara Kerusakan. 3. Permintaan Penggantian Peralatan tetap mengisi Formulir dengan menyampaikan penggantian dengan Jenis yang sama dari sebelumnya atau Jenis Baru. 4. Barang diterima oleh Pemohon wajib memberikan Nomor Inventaris sesuai penomoran standar perusahaan.				
Nama Barang Nama & Spesifikasi Barang (Merk, Tipe, dan Keterangan Lainnya)	Jumlah Unit	Estimasi Harga	Masa Waktu Pakai	Masa Frekuensi Pakai
Laboratory Refrigerator <i>pharma grade</i>	1	Rp. 113.680.000	± 5 tahun	Setiap Hari
Latar Belakang Permintaan & Peruntukkan Laboratory refrigerator digunakan untuk penyimpanan media yang akan digunakan untuk pemeriksaan mikrobiologi. Saat ini diperlukan penambahan refrigerator karena kapasitas yang ada sudah tidak mencukupi. Hal ini dikarenakan adanya penambahan titik dan frekuensi pemantauan mikrobiologi lingkungan yang membutuhkan penyimpanan media siap pakai.				
Dibuat:  Tgl. : <u>24 April 2026</u> Nama : <u>Asteji Mutiari</u> (Koordinator / Supervisor)		Diperiksa & disetujui :  Tgl. : <u>27/04/26</u> Nama : <u>Robertus Luk P</u> (Manager)		
Nomor : PP-FO/001.00 Dokumen		Tanggal : 24 DEC 2025 Berlaku		Disetujui :  Oleh



Sales Quotation

To : PT.Mersifarma Tirmaku Mercusana From : Ganisa Kusumawardhani
Attn : Procurement Date : April 23, 2026
Fax : Fax : +(62) 21 451 6 223
Tel : Tel : +(62) 21 451 6 222
Email : QUO PR 0017/CP/U4/QAC/X/25 Our Ref : 025/SQ-GS/PTITS/IV/26

Total No. of Pages (including this page) : 5 Only

Dear customer,

Good Day,

Thank you for your kind inquiry. We are pleased to submit our sales quotation as follows :

Laboratory Refrigerator

Brand : Liebherr, Germany
Model : SRPvh 1402 Perfection
Unit Price : IDR 162,000,000 (Discount 30%)
Price after Discount : IDR 113,680,000 ---- Ready stock

Unit Price Include:

- Installation, training, and IQOQ Document & Execution
- KAN Calibration (3-point measurement in 1 temperature)
- 1 year warranty on service & spare part
- Lifetime free checking if there is any trouble (exclude spare part)

Technical Data

Energy consumption in 24h	1.270 kWh / 24h
Measurement methodology for energy consumption	Empty measurement +5°C / Ambient temperature +25°C
Noise level	60 dB
Measurement methodology for energy consumption	Empty measurement +5°C / Ambient temperature +25°C
Energy consumption per year	464 kWh/a
Ambient temperature	+10 °C to 35 °C
Refrigerant	R 600a
Heat emission	565 kJ / h
Heat distribution system	Air cooling

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Sentra Bisnis Artha Gading Blok A-6A, No. 3 & 5, Kelapa Gading, Jakarta Utara 14240, Indonesia. Tel: +62 21 451 6222 Fax: +62 21 451 6223
Jl. Jemursari Sel. I No.33, Jemur Wonosari, Kec. Wonocolo, Surabaya, Jawa Timur 60237 Indonesia. Tel: +62 31 9984 8381 Fax: +62 31 9984 8382
Email: info@its-indonesia.com Website: www.its-indonesia.com



Rated power consumption Watt	130.0 W
Voltage	220-240 V ~
Frequency	50/60 Hz
Maximum fluctuation	2.1 °C
Gradient	2.3 °C
Control unit	Touch & Swipe
Power failure alarm	immediately upon power failure for min. 12h
Malfunction: Warning signal	optical and acoustical
positive temperature deviation from the setpoint	99.9 Kelvin
negative temperature deviation from the setpoint	99.9 Kelvin
Heating from +5 °C to +10 °C (empty, +25 °C TU)	86 min
Heating from -20°C to -15°C (empty, +25°C TU)	0 min
Cooling time from +25°C to +5°C (empty, +25°C TU)	62 min
Cooling time from +25 °C to -20 °C (empty, +25 °C TU)	999 min
Recovery time after 1 min door opening (empty, +25 °C TU, according to EN 60068-3)	11 min
potential-free contact	✓
SmartMonitoring-enabled	Yes
Connectivity type	SmartModule
Interface	—
Data logger	integrated, USB interface
min./max. temperature recording	Yes
Alarm history	Yes
Product sensor	integrated
Gross volume cooling	1,391 l
Net volume cooling	1,091 l
Adjustable temperature range	-2 °C to +16 °C
Temperature display	external digital
Cooling system, refrigerator compartment	dynamic
Defrosting method	automatic
Interior light	LED light column on both sides
Number of storage shelves	8
of which adjustable	8

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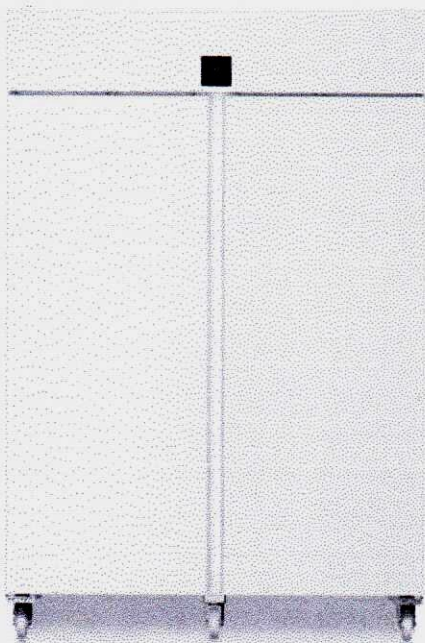
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Bottom grid shelf	—
Side wall material	steel
Colour	white
Door material	Steel
Handle	Vertical recessed grip
Material of interior containers	Chrome-nickel steel (1.4301 / AISI 304)
Storage shelf material, refrigerator compartment	Plastic-coated grids
Material of adjustable feet	—
Self-closing door	✓
Door hinges	left fix/right fix
Door hinge replacement	Not possible
Door seal	Replaceable
Height-adjustable feet	— mm
Castors	✓
Type of castors	5 castors, 2 with parking brake
Type of lock	with remote control
Max. height of the installation site	2,000 m above sea level
Connector cable (length)	3,000 mm
Total gross volume	1,391 l
Total net volume	1,091 l
Exterior dimensions: height/width/depth	213.5 / 142.7 / 86.7 cm
Exterior dimensions: height/width/depth (with packaging)	2,220.0 / 1,470.0 / 900.0 mm
Weight (without packaging)	206.10 kg
Weight (with packaging)	225 kg
Load-bearing capacity of shelf areas, refrigerator compartment	60 kg
Net width of shelves	48 cm
net depth of storage shelves	63.8 cm
Certifications	DIN 13277 / IEC 60068-3 / IEC 61010-1 / IEC 61010-2-011 / IEC 61326-1 / Labgrade Energy Star
Clean room class according to ISO EN 14664-1	ISO class 6

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Thank you for your kind attention.
We look forward to being service to you soon.

Best regards,



Ganisa Kusumawardhani
ganisa@its-indonesia.com
mobile : 08-121-895-0585

[Handwritten signature]
27/26
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Price : In IDR, franco **PT.Mersifarma Tirmaku Mercusana**
Exclude 11% PPN (and PPH, 'for any service job')

Delivery : Stock : soon after receiving P/O
Indent : $\pm$ 3 month after receiving P/O

Payment : **30% DP, 14 days after delivery (we reserve the right to charge interest 1.5% per month on overdue account)**

Validity of quotation : 14 calendar days after date of quotation. Please re-check the price to us if it is exceed the validity date.

Order Cancellation : - Goods sold are not returnable and exchangeable
- 30% of the order value will be billed in cases of order cancellation upon receipt of order

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