



Republic of the Philippines
Department of Health

METRO MANILA CENTER FOR HEALTH DEVELOPMENT



SUPPLEMENTAL/ BID BULLETIN NO. 1

IB 2025 – 109E

**PROCUREMENT OF 1 UNIT PHACOEMULSIFICATION MACHINE WITH
POSTERIOR VITRECTOMY AND ENDOLASER**

This Supplemental/Bid Bulletin No. 1 is being issued to revise provisions/specifications in the Bidding Documents for a forecited project:

Query during Pre-bidding Conference:		
Technical Specification	Query	Response of the End User Unit
No Changes stipulated in the technical specifications		

Bidders are advised to use the **following attached forms and submit them together with all required documents for the submission of bids on the 20th day of May 2025, 9:00 AM, Amphitheater.**

This Supplemental/Bid Bulletin No. 1 shall be integral to the Bidding Documents. All other provisions indicated in the bidding documents not affected by this Supplemental/Bid Bulletin No. 1 shall remain in effect.

For guidance and information of all concerned.

Issued this 14th day of May, 2025 in MMCHD

Approved by:

SGD.

JEREMIAS FRANCIS Y. CHAN, MD, MPH
Licensing Officer V / BAC Chairperson

Republic of the Philippines
Department of Health
Metro Manila Center for Health Development

TECHNICAL SPECIFICATIONS

Item No. 1	PHACOEMULSIFICATION MACHINE WITH POSTERIOR VITRECTOMY AND ENDOLASER	Qty./Unit	1Unit
Name of Manufacturer:			Country of Origin
Brand:			Model: (if applicable)
ABC: 13,500,000.00			
PURCHASER'S SPECIFICATION			STATEMENT OF COMPLIANCE
Technical Specifications: <ul style="list-style-type: none"> • Functions: <ul style="list-style-type: none"> - Irrigation and Aspiration - Ultrasound phaco - Bipolar diathermy for coagulation of bleeding and coaptation of conjunctiva during eye surgery - Bipolar diathermic capsulotomy - Bipolar diathermic deep sclerotomy ab interno - Operation of a vitrectomy instrument - Injection and Extraction of viscoelastic substances - Retinal photocoagulation with endolaser - Intra-ocular illumination - Maintaining intra-ocular pressure by air and active infusion - Fluid/Air exchange • Phacoemulsification hand piece: At least 28 kHz or better • Vacuum: <ul style="list-style-type: none"> a) Range: At least 5 mmHg - 650 mmHg or better b) Accuracy: ± 10 mmHg or better c) Adjustable increment: 5 mmHg • Peristaltic flow: At least 0 ml/min - 60 ml/min or better <ul style="list-style-type: none"> a) Adjustable increment: 0.1 ml/min & 1 ml/min b) Accuracy: $\pm 25\%$ or better c) Reflux: 150 mmHg, Accuracy: $\pm 20\%$ or better • Vitrectomy (Regular and Continuous flow cutter): At least 10 - 10,000 cuts/min or better • Diathermy: <ul style="list-style-type: none"> a) Diathermy (100%) b) Capsulotomy c) High-Frequency Deep Sclerotomy • Air/Gravity Fed infusion: <ul style="list-style-type: none"> a) 120 mmHg $\pm 10\%$ b) Increment: 1 mmHg c) Visco injection: 0.05 bar - 5.0 bar, Accuracy: ± 0.2 bar or better d) Visco extraction: 0.01 bar - 1.0 bar, Accuracy: $\pm 20\%$ or better • Light: 12 Lum (23G), 26 Lum (20G) • Power supply: 220 V, 50/60 Hz • Operating mode: Continuous • Supply pressure, pressurized air: At least 5 to 9 bar, 45 L/min • Connection: NIST EN-739 connection • Pressurized air according to EN 7391-1: Oil-free, dry, filtered • Endolaser: 532 nm green laser, class 4 <ul style="list-style-type: none"> a) Adjustable: max. 2.5 W b) Adjustable pulse, max. pulse length: 5 sec c) Thermo-electric cooling system d) Aiming beam: 635 nm, class 3R, Adjustable 0 - 5 mW 			

