

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

22-084TF

MEDICAL TEST SYSTEMS INC.

Suit B 5F Dao I Building, Salcedo St., Legaspi Village, Makati City, Metro Manila

P.O. No. :

GIAE-PO-2022-01-0022

Date :

January 25, 2022

Mode of Procurement : PB

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Delivery : Metrology Building

Delivery Term : 60 CD

30-45 Days

Delivery : Payment Term :

Unit	Description	Quantity	Unit Cost	Amount
Unit	Thermo Fisher Scientific 4351105 Applied Biosystems 7500 96-well Real time PCR System with desktop computer Includes: -RNAse P Verification Plates -Calibration Kits -Consumables (plates, adhesive films, 8 strip tubes and caps) 12 KVA UPS -Full Instrument Installation and performance verification by a Certified Field Service Engineer -On site training by a Field Application Specialist -Two (2) years warranty on spare parts and labor -2 years Preventive maintenance and services -With compatible laptop and desktop with licensed software and MS office -Optical system: CCD Camera, 5 excitation filters, Tungsten-halogen lamp, 5 emission filters -Calibrated dyes: SYBR™ Green I, ROX™, NED™, TAMRA™, JOE™, Texas Red™, Cy5, VIC™, FAM™, Cy3 -Additional Dyes: Calibration for new dyes within the wavelength range is possible by following the custom dye calibration procedure in the User's Manual. Purchase of additional filter sets is not necessary -Passive Reference Dyes: ROX (Separate Tube), No ROX, ROX (Pre-mixed) -Thermal Cycling System: Peltier-based, 96-well block -Block format: 96-well plate -Block is built into the body of the system to reduce environmental exposure and contamination risk. Throughput: 4 to 5-96-well plates per 8-hr day Compatible consumables: 96-well plates and 8-strip 0.2ml tubes Reaction Volume range: 20-100 UL Precision: 99.7% confidence (5000 & 10000 copies) Reaction speed: Standard Sample Ramp Rate: +1.1°C/sec/ Peak Block Ramp rate: 2.5°C Temp. Accuracy: 0.25°C (35 °C to 95°C after 3 min) Temp. Uniformity: 0.50°C (after 30 sec) Temp. Range: 4-100°C	1	2,500,000.00	2,500,000.00

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22-0847F

Supplier: MEDICAL TEST SYSTEMS INC. Suit B 5F Dao I Building, Salcedo St., Legaspi Village, Makati City, Metro Manila	P.O. No.: GIAE-PO-2022-02-0022 Date: February 28, 2022 Mode of Procurement: PB
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Comments: Please furnish this Office the following articles subject to the terms and conditions contained herein:

Delivery: Metrology Building	Delivery Term: 60 CD - 30-45 days
Payment Term:	

Qty	Unit	Description	Quantity	Unit Cost	Amount
		qPCR Run Time: <2hrs standard and 9600 emulation mode Dimensions (W x d x h): 34 cm (13.99 in) x 45 cm (17.72 in) x 49cm (19.29 in) Weight: 34 kg (75 lb) Dynamic range: 9 logs of linear dynamic range Sensitivity: Detection of 1 copy of template in a 50 µL reaction. for a single reporter TaqMan assay with 99.7 % confidence -Applications: Comparative Ct, Standard Curve, Relative Standard -Curve, Allelic Discrimination, Plus/Minus -User-friendly SW also includes plate setup wizards, multiplate data viewing capabilities and advanced analysis tools to make data processing simple and straightforward Primer Express Software to custom design printers and probes also included Dye Discrimination: Multicomponenting algorithm -Multiplate Data Comparison: Compare an unlimited number plates of gene expression assays -Multiplex Capability: Multiplex up to five targets per well -HRM Capability: High Resolution Melt Software v 3.0, 1 license -Supported Chemistry: TaqMan Gene Expression and Quantitation Assays supported in FAST mode SYBR, TaqMan Probes in other modes Capable of running other chemistries			
					2,500,000.00
			Less: VAT	111,607.14	
			EWT	22,321.43	133,928.57
					2,366,071.43

Total Amount in Words: TWO MILLION THREE HUNDRED SIXTY SIX THOUSAND SEVENTY ONE PESOS and 43/100

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s.

Conforme:  Angelica Malacca Signature over Printed Name of Supplier Date: March 24, 2022	Very truly yours,  ANNABELLE V. BRIONES, PhD Signature over Printed Name of Authorized Official Director Designation
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Cluster: Trust Fund Project 5: Development of a Real Time Polymerase Chain Reaction Assay for the Detection of HIV-1	ORS/BURS No.: TFCO 2022 030284
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