

PURCHASE ORDER
GOVERNMENT ARSENAL
 Entity Name

Supplier: MESCO, INC.	P. O. No.: 2021-01-004
Address: Reliance cor. Brixton Sts. Pasig City	Date: January 15, 2021
Metro Manila, NCR, Philippines	Mode of Procurement: Public Bidding
Tin: 002-856-635-000	

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

Place of Delivery: Government Arsenal, DND, Limay, Bataan	Delivery Term: _____
Date of Delivery: Within one hundred twenty (120) calendar days from the receipt of Notice to Proceed (NTP)	Payment Term: _____

Stock/Property No.	Unit	Description	QTY	Unit Cost	Amount
	set	Vickers Hardness Tester Offer: ESEWAY, EW-150 Series <u>Specifications:</u> <ol style="list-style-type: none"> 1. Closed Loop Micro/Macro Vickers Hardness Tester 2. Load Range: 100 grams to 50 kgf. 3. Fully automatic four (4) position turret for micro/macro Vickers or knop measurements 4. Three (3) objectives at choice. Can be used for measuring and observation 5. Indenters and Test Blocks: <ul style="list-style-type: none"> • Vickers 136° • Certified indenters and Test Blocks 6. Eyepiece: Electronic eyepiece microscope with precision encoder 7. Objectives: 5X for 75X magnification and 10X for 150X magnification 8. Stages: X and Y stage 9. Test force selection: electronic, closed loop, load cell, force feedback system – indication in Kgf or N. Test force selectable. 10. Test Procedure: Automatic – loading/dwell/unloading 11. Loading speed: variable, depending on selected force 12. Turret: four (4) positions over 360°, fully automatic, memorised start position 13. Test force accuracy: less than +/- 1% for force from 100 grams to 30kg. Less than +/- 5% for force below 100grams. 14. Display: length of diagonals, hardness value, converted value, test force, online statistics. 15. Display resolution: 0.1 HV 16. Hardness conversion: Rockwell, Rockwell Superficial, Brinell, Leeb & Tensile 17. Standardisation: EN-ISO 6507, EN ISO 6506, EN ISO 4545, ASTM E-384, ASTM E-10-08, ASTM E-384 18. Statistics: Total test, max, min, average, standard 19. Loading mechanism: fully automatic, closed loop, force feedback, loading, dwell, unloading 20. Dwell time: user defined (0-60 seconds) 	2	PhP 2,090,000.00	PhP 4,180,000.00

Stock/ Property No.	Unit	Description	QT	Unit Cost	Amount
		<p>21. Eyepiece microscope: bright dual line filar eyepiece with with 15X magnification (0.1µm reading)</p> <p>22. Light source: with green filter and dimmable</p> <p>23. Optical path: 2 way eyepiece / camera</p> <p>24. Vertical range: 165mm (specimen height)</p> <p>25. Horizontal range: 135mm (from center line)</p> <p>26. Stage dimension: 100mm x 100mm, travel of 20mm x 20mm and digital reading of 0.001mm (micrometer head)</p> <p>27. Accessories per unit:</p> <ul style="list-style-type: none"> • One (1) piece spare certified indenter. • Customized workpiece fixtures for Blanking and Cupping cups, First Draw Cups, Second Draw Cups, Axial Hardness Sample, Body and Mouth Annealing Samples. • Test Blocks: 70HV5, 100HV5, 200HV5, 1000HV10 & 1800HV10. All test blocks with UKAS Certificates. • Fixtures with vice, chuck and clamp. <p>28. Software and PC System: Video Measuring System and Software for manual and automatic measurement of Vickers, indent zoom function, automatic illumination adjustment, LCD industrial DVI touch screen included. Includes PC system controller, PC table and printer, OS Windows 10 with MS Office and UPS. Offer: ESE-View Video Indent Measuring System, EW-150 Series</p> <p>29. Integrated Logistic Support (ILS)</p> <ul style="list-style-type: none"> • Operating Manual in English – two (2) hard copies one (1) soft copy • In-house training on operation, calibration and maintenance for at least one (1) week. • Technical assistance and after-sales service once the equipment encounters problem in the operation even after the expiration of the one (1) year warranty period. <p style="text-align: center;">***nothing follows***</p> <p>End-user: Quality Assurance Division ✓ REF: PR#2020-10-141, APP 2021, Page 12.V ✓</p> <p>PAYMENT TERMS:</p> <p>✓ Payment of ninety-five percent (95%) shall be made thru Modified Disbursement Scheme (MDS) Checks or Direct Payment Scheme via bank debit system through issuance of Advice to Debit Account (ADA) of Supplier (DBM Circular 2013-16 dated December 23, 2013)) after delivery, installation, commissioning, training and acceptance at the Government Arsenal.</p> <p>✓ The remaining five percent (5%) shall be retained to cover warranty obligations, to be released after one (1) year from final acceptance, or upon submission of an equivalent special bank guarantee.</p>			

(Total Amount in Words) FOUR MILLION ONE HUNDRED EIGHTY THOUSAND PESOS only

P 4,180,000.00

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:

Very truly yours,

MR. CLIFFORD JAY P. INDICO

Signature over Printed Name

1-21-21

Date

ARNOLD RAFAEL Y. DEPAKAKIBO

Acting Director

Fund Cluster: 101101

Funds Available: **PhP 4,180,000.00**

MS. ALLECIAH D. CARREON, CPA

Chief Accountant

ORS/BURS No.: 06-101101-2021-01- 027

Date of the ORS/BURS: 18 Jan 2021

Amount: **PhP 4,180,000.00**