



**PURCHASE ORDER**  
**WESTERN MINDANAO STATE UNIVERSITY**

WMSU-SO-FR-002.02  
Effectivity: Aug. 30, 2023

Supplier: **HUMIL INTERNATIONAL CORPORATION**  
Address: **419 Algeria Street, Sampaloc, Manila**

P.O. No.: **24-335**  
Date: **06/11/2024**  
R.I.S No: **24-05-219**  
Date:  
Mode of Procurement: **Public Bidding**  
Performance Bond:

Tel No.: **02-715-1649 /02-714-5315**  
TIN:

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

Place of Delivery: **WMSU SUPPLY OFFICE**

Delivery Term: **60 CD**

Date of Delivery:

Payment Term:

Item No	Item Name	Unit	Qty	Unit Price	Total Price
1	DIGITAL ELECTRONIC THEODOLITE  SPECIFICATIONS: Angle Measurement: Accuracy: 5 seconds or less Minimum graduation: 1 second, 5 seconds, or 10 seconds (selectable) Units: Degrees / mils / gons / V%  Telescope: Magnification: 30x or higher Objective Lens Diameter: 1.7 inches (45 mm) or larger Focus Distance: 4.43 ft (1.35 m) to infinity or better Field of View: 1 degree 30 minutes or better Resolving Power: 3 seconds or lower Reticle Illumination: Yes (on/off button)  Display: Dual back-lit LCD display panels or better  Leveling: Automatic vertical compensation or better (While automatic compensation is a standard feature, some models offer: *Dual-axis compensation for automatic leveling on uneven terrain. *Higher accuracy compensation for improved leveling precision.)  Bubble vials: Circular bubble vial: 8 minutes/2 mm or better Level Plate/Tubular Bubble Vial: 30 seconds/2 mm or better (These specification are related to sensitivity. A lower number indicates a more sensitive bubble vial. While the 8 minutes/2 mm and 30 seconds/2 mm are good, some theodolites boast: * Higher sensitivity bubble vials (e.g., 2 minutes/2 mm or better) for even more precise level readings. *Digital level displays for a more intuitive leveling process.)	sets	4	212,500.00	850,000.00

Page 1 of 5 For: **ACADEMIC-COLLEGE OF ENGINEERING**

(Amount in words) **Eight Hundred Fifty Thousand Pesos Only** 850,000.00

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

Conforme:

**HUMIL INTERNATIONAL CORPORATION**  
(Signature over printer name)

**MA. CARLA A. OCHO LORENA, R.N., Ph.D.**  
UNIVERSITY PRESIDENT

**12-6-24**

Date

Funds Available:

**CHRISTIANNE DAWN R. SICAT**  
Chief Accountant

ALOBS:

**2024-11-1354 (STF)**

AMOUNT:

**₱ 1,990,000-**

*Handwritten mark*



**PURCHASE ORDER**  
**WESTERN MINDANAO STATE UNIVERSITY**

WMSU-SO-FR-002.02  
 Effectivity: Aug. 30, 2023

Supplier: **HUMIL INTERNATIONAL CORPORATION**  
 Address: **419 Algalia Street, Sampaloc, Manila**

P.O. No.: **24-335**  
 Date: **06/11/2024**  
 R.I.S No: **24-05-219**

Tel No.: **02-716-1649/02-714-5315**  
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Date:  
 Mode of Procurement: **Public Bidding**  
 Performance Bond:

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

Place of Delivery: **WMSU SUPPLY OFFICE**

Delivery Term: **60 CD**

Date of Delivery:

Payment Term:

Item No	Item Name	Unit	Qty	Unit Price	Total Price
	Battery: . Power Source: NiMH rechargeable battery (with option for 4 AA alkaline batteries) or better . Battery Life: . Alkaline: Up to 36 hours or better . Visible alert for low battery or better  Includes - Battery Charger - Carrying Case - Plumb Bob - Tool Kit - Tripod - Calibration Certificate from DENR  Offer: MODEL: DE2A, DE2B, DE5A, DE5B DE SERIES ELECTRONIC THEODOLITE A: WITH COMPENSATOR; B: W/O COMPENSATOR TELESCOPE MAGNIFICATION:30X; IMAGE: ERECT SHORTEST SIGHTING DISTANCE: 1.5m FIELD OF VIEW: 1° 30' ANGLE MEASUREMENT: ACCURACY: 2", 5" MINIMUM DISPLAY: 1", 5" 10"; COMPENSATOR: TYPE: SINGLE AXIS LIQUID TILT SENSOR RANGE: ±3"; ELECTRONIC REFERENCE BATTERY TYPE: RECHARGEABLE/5 x AA ALKALINE BATTERIES VOLUME: 1800 mAh, 6V (NI-MH BATTERY) BATTERY LIFE: 15 HOURS OTHER: PLUMMET: OPTICAL / LASER WEIGHT: 5 kg WORKING TEMPERATURE: -20°C - +45°C FEATURE: ABSOLUTE CODING ANGLE MEASUREMENT LARGE LCD DISPLAY SINGLE AXIS TILT SENSOR OPERATION EASY AND STANDARD PLEASE SEE ATTACHED BROCHURE				

Page 2 of 5 For: **ACADEMIC-COLLEGE OF ENGINEERING**

(Amount in words) **Eight Hundred Fifty Thousand Pesos Only** **850,000.00**

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

Conforms:

  
**HUMIL INTERNATIONAL CORPORATION**  
 (Signature over proper name)  
 12-6-24  
 Date

  
**MA. CARLA A. OCHIORENA, R.N., Ph.D.**  
 UNIVERSITY PRESIDENT

Funds Available:

  
**CHRISTIANNE DAWN R. SICAT**  
 Chief Accountant

ALOBS: **2024-11-1357 (SFF)**  
 AMOUNT: **₱ 1,990,000**



**PURCHASE ORDER**  
**WESTERN MINDANAO STATE UNIVERSITY**

WMSU-SO-FR-002.02  
Effectivity: Aug. 30, 2023

Supplier: **HUMIL INTERNATIONAL CORPORATION**  
Address: **419 Algeria Street, Sampaloc, Manila**  
  
Tel No.: **02-715-1649 /02-714-5315**  
TIN:

P.O. No.: **24-335**  
Date: **06/11/2024**  
R.I.S No: **24-05-219**  
Date:  
Mode of Procurement: **Public Bidding**  
Performance Bond:

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

Place of Delivery: **WMSU SUPPLY OFFICE**  
Date of Delivery:

Delivery Term: **60 CD**  
Payment Term:

Item No	Item Name	Unit	Qty	Unit Price	Total Price
2	TOTAL STATION  Specifications: Telescope: .Magnification: 30x or better .Resolving power: 2.5 seconds or better .Objective aperture: 45mm or better .Field of view: 1 degree 30 minutes or better .Minimum focus: 1.3 meters or better .Reticle illumination: 5 brightness levels or better Angle measurement: .Minimum display resolution: Selectable 1 or 5 seconds or better Distance measurement (EDM): .Reflectorless mode range: 0.3 to 500 meters or better .Prism mode range: 1.3 to 4,000 meters or better Measurement time: Fine mode: 0.9 seconds (initial 1.5 seconds) or better Rapid mode: 0.6 seconds (initial 1.3 seconds) or better Tracking mode: 0.4 seconds (initial 1.3 seconds) or better  General: .Display: Graphic LCD, 192 x 80 dots, backlit or better .Keyboard: 28-key alphanumeric with backlight or better .Data storage: Internal memory: 50,000 points or better USB flash memory: Up to 32GB or better .Interface: Serial RS-232C, USB 2.0 (Type A), Bluetooth (optional) or better Levels: Graphic: 6 minutes (inner circle) or better Circular: 10 minutes/2mm or better Optical: 3x magnification, minimum focus 0.5m from tribrach bottom or better .Dust and water resistance: IP66 or better .Operating temperature: -20°C to 60°C or better .Power supply: Detachable BDC46C Li-ion rechargeable battery or better .Operating time: Up to 14 hours (Eco mode, fine single measurement every 30	sets	2	570,000.00	1,140,000.00

Page 3 of 5 For: **ACADEMIC-COLLEGE OF ENGINEERING**

(Amount in words) **One Million Nine Hundred Ninety Thousand Pesos Only** 1,990,000.00

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

Conforms:

**HUMIL INTERNATIONAL CORPORATION**  
(Signature over printer name)

**MA. CARLA A. OCHOA ORENA, R.N., Ph.D.**  
UNIVERSITY PRESIDENT

**12-6-24**

Date

Funds Available:

**CHRISTIANNE DAWN R. SICAT**  
Chief Accountant

ALOBS: 2024-11-12,579 (SFF)  
AMOUNT: ₱ 1,990,000

*M*



**PURCHASE ORDER**  
**WESTERN MINDANAO STATE UNIVERSITY**

WMSU-SO-FR-002.02  
 Effectivity: Aug. 30, 2023

Supplier : HUMIL INTERNATIONAL CORPORATION  
 Address : 419 Algeria Street, Sampaloc, Manila

P.O. No. : 24-335  
 Date : 06/11/2024  
 R.I.S No: 24-05-219

Tel No. : 02-715-1649/02-714-5315  
 TIN :

Date :  
 Mode of Procurement : Public Bidding  
 Performance Bond :

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

Place of Delivery : WMSU SUPPLY OFFICE

Delivery Term : 60 CD

Date of Delivery :

Payment Term :

Item No	Item Name	Unit	Qty	Unit Price	Total Price
	seconds) or better  REQUIRED: Certificate of Genuine Dealership from Supplier for Support and Warranty purposes.  WITH ONSITE TRAINING  Offer: RUDE TOTAL STATION TELESCOPIC LENGTH: 154mm DIAMETER: TELESCOPE: 45mm, EDM: 50mm MAGNIFICATION: 30x, IMAGE: ERECT FIELD OF VIEW: 1°30', RESOLVING POWER: 3" MIN. FOCUS: 1.0m DISTANCE: SINGLE PRISM RANGE: 5000m ACCURACY: ±(3mm + 12ppm*D) m.s.e R2 NON-PRISM RANGE: 1000m ACCURACY: ±(3mm + 2ppm*D) m.s.e FINE MEASURING TIME: 0.7s NORMAL: 0.5s PPM CORRECTION: ATMOSENSE AUTO CORRECTION PRISM CONSTANT: MANUAL ANGLE ACCURACY: 2°, METHOD: ABSOLUTE ENCODING DETECTION SYSTEM: H: DUAL, V: DUAL MIN. READING: 1°15'10", DIAMETER OF CIRCLE: 70mm VERTICAL ANGLE 0°; ZENITH: 0°; HORIZONTAL: 0° UNIT: 360°/400 gon/3400mil DISPLAY UNIT: GRAPHIC 160°90 DOTS WITH BACKLIGHT NO. OF DISPLAYS: 2, KEYBOARD: ALPHANUMERIC TILT CORRECTION: TILT SENSOR: DUAL AXIS METHOD: LIQUID ELECTRIC, RANGE: 4', RESOLUTION: 1" OPTICAL PLUMMET (LASER OPTIONAL): IMAGE: ERECT MAGNIFICATION: 3x, FOCUSING RANGE: 0.3m TO INFINITE FIELD OF VIEW: 5°, LEVEL: PLATE LEVEL: 30°/2mm CIRCULAR LEVEL: 8°/2mm DATA STORAGE: INTERNAL MEMROY: >10,000 POINTS DATE INTERFACE: USB 2.0 PENDRIVE, WIRELES. BLUETOOTH 2.1,				

Page 4 of 5 For : ACADEMIC-COLLEGE OF ENGINEERING

(Amount in words) **One Million Nine Hundred Ninety Thousand Pesos Only** 1,990,000.00

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Conforme :

HUMIL INTERNATIONAL CORPORATION  
 (Signature over printer name)

MA. CARLA A. OCHOTORENA, R.N., Ph.D.  
 UNIVERSITY PRESIDENT

12-6-24

Date

Funds Available :

CHRISTIANNE DAWN R. SICAT  
 Chief Accountant

ALOSB :

2024-11-1354 (STP)

AMOUNT :

P 1,990,000.00



**PURCHASE ORDER**  
**WESTERN MINDANAO STATE UNIVERSITY**

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 Address : 419 Algeria Street, Sampaloc, Manila

P.O. No. : 24-335  
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 R.I.S No: 24-05-219

Tel No. : 02-715-1649 /02-714-5315  
 TIN:

Date :  
 Mode of Procurement : Public Bidding  
 Performance Bond :

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

Place of Delivery : WMSU SUPPLY OFFICE

Delivery Term : 60 CD

Date of Delivery :

Payment Term :

Item No	Item Name	Unit	Qty	Unit Price	Total Price
	WT12; GENERAL: WEIGHT: 5.4 kg, DIMENSION: 353 (H)*206 (L)* 200 (W) mm, WORKING TEMPERATURE: -20 TO 50°C BATTERY TYPE: RECHARGEABLE LI-ION, 7.4V, 3000mAh WATER AND DUST PROOF: IP65 WORKING DURATION: 18 HOURS DELIVERY PERIOD: 60 CALENDAR DAYS PLEASE SEE ATTACHED BROCHURE				

-----NOTHING FOLLOWS-----

Page 5 of 5

For : ACADEMIC-COLLEGE OF ENGINEERING

(Amount in words)

One Million Nine Hundred Ninety Thousand Pesos Only

1,990,000.00

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

Conforme :

HUMIL INTERNATIONAL CORPORATION  
 (Signature over printer name)

MA. CARLA A. OCHOA DRENA, R.N., Ph.D.  
 UNIVERSITY PRESIDENT

12-6-24

Date

Funds Available :

CHRISTIANNE DAWN R. SICAT  
 Chief Accountant

ALOBS :

2024-11-1354 (ST)

AMOUNT :

₱ 1,990,000.00



**NOTICE TO PROCEED**

POU 05 219

**HUMIL INTERNATIONAL CORPORATION**  
419 ALEGRIA ST., SAMPALOC  
MANILA, METRO MANILA

Sir/Madam:


Pursuant to the to the contract entered into between your company and this office dated POU 05 219 for PR 24-05-219 "Procurement of Digital Electronic Theodolite and Total Station for the College of Engineering of the University", your company is hereby given the authority to commence delivery on the said project from receipt thereof.

Upon receipt of this notice, you are responsible for performing the services under the terms and conditions provide in the purchase order and in accordance with the delivery schedule.

Very truly yours,

  
MA. CARLA A. OCHOTORENA, R.N, Ph.D.  
President

Conforme:

  
ANGELA JOY B. BONGAT  
(Signature Over Printed Name)

Date: 12-6-24



**NOTICE OF AWARD**

NOV 04 2024

**HUMIL INTERNATIONAL CORPORATION**

419 Alegria Street, Sampaloc Manila

Maam/Sir:

This is to advise you that your bid dated **July 30, 2024** for **PR 24-05-219; Public Bidding Procurement of Procurement of Digital Electronic Theodolite and Total Station for the College of Engineering of the University**, with a following Contract Price is hereby accepted;

Object of Bidding	Total Amount in Figures	Amount in Words
<p><b>1. Four (4) units of DIGITAL ELECTRONIC THEODOLITE</b></p> <p>SPECIFICATIONS:            Angle Measurement:            Accuracy: 5 seconds or less            Minimum graduation: 1 second, 5 seconds, or 10 seconds (selectable)            Units: Degrees / mils / gons / V%</p> <p>Telescope:            . Magnification: 30x or higher            . Objective Lens Diameter: 1.7 inches (45 mm) or larger            . Focus Distance: 4.43 ft (1.35 m) to infinity or better            . Field of View: 1 degree 30 minutes or better            . Resolving Power: 3 seconds or lower            . Reticle Illumination: Yes (on/off button)</p> <p>Display: Dual back-lit LCD display panels or better</p> <p>Leveling: Automatic vertical compensation or better            (While automatic compensation is a standard feature, some models offer:            *Dual-axis compensation for automatic leveling on uneven terrain.            *Higher accuracy compensation for improved leveling precision.)</p> <p>Bubble vials:            . Circular bubble vial: 8 minutes/2 mm or better            . Level Plate/Tubular Bubble Vial: 30 seconds/2 mm or better            (These specification are related to sensitivity. A lower number indicates a more</p>	<p>Php 850,000.00</p>	<p>Eight Hundred Fifty Thousand Pesos</p>

10/21



sensitive bubble vial. While the 8 minutes/2 mm and 30 seconds/2 mm are good, some theodolites boast:  
 \* Higher sensitivity bubble vials (e.g., 2 minutes/2 mm or better) for even more precise level readings.  
 \* Digital level displays for a more intuitive leveling process.)

**Battery:**

- . Power Source: NiMH rechargeable battery (with option for 4 AA alkaline batteries) or better
- . Battery Life:
- . Alkaline: Up to 36 hours or better
- . Visible alert for low battery or better

**Includes**

- Battery Charger
- Carrying Case
- Plumb Bob
- Tool Kit
- Tripod
- Calibration Certificate from DENR

**Offer: Model: DE2A, DE2B, DE5A, DE5B DE Series Electronic Theodolite**  
**A: with Compensator; B: without compensator**

**Telescope: Magnification: 30X; Image: Erect Shortest Sighting Distance: 1.5m Field of View: 1° 30'**

**Angle Measurement: Accuracy: 2", 5"**

**Minimum Display: 1", 5", 10";**

**Compensator: Type: Single**

**Axis Liquid Tilt Sensor**

**Range: ±; Electronic Reference**

**Battery Type: Rechargeable/5 x AA Alkaline Batteries**

**Volume: 1800mAh, 6V (Ni-MH Battery)**

**Battery Life: 15 hours**

**Other Plummet: Optical/Laser**

**Weight: 5kg**

**Working Temperature: -20°C -+45°C**

**Feature: Absolute Coding Angle Measurement**

**Large LCD Display**

**Single Axis Tilt Sensor**

**Operation Easy and Standard**

**Please see attached Brochure**

**2. Two (2) units of Total Station**

Php 1,140,000.00

One Million One Hundred Forty Thousand3 Pesos

**Specifications:**  
**Telescope:**  
 .Magnification: 30x or better  
 .Resolving power: 2.5 seconds or better  
 .Objective aperture: 45mm or better  
 .Field of view: 1 degree 30 minutes or better  
 .Minimum focus: 1.3 meters or better  
 .Reticle illumination: 5 brightness levels or better  
**Angle measurement:**  
 .Minimum display resolution: Selectable 1 or 5 seconds or better





Distance measurement (EDM):  
 .Reflectorless mode range: 0.3 to 500 meters or better  
 .Prism mode range: 1.3 to 4,000 meters or better  
 .Measurement time:  
 Fine mode: 0.9 seconds (initial 1.5 seconds) or better  
 Rapid mode: 0.6 seconds (initial 1.3 seconds) or better  
 Tracking mode: 0.4 seconds (initial 1.3 seconds) or better

General:  
 .Display: Graphic LCD, 192 x 80 dots, backlit or better  
 .Keyboard: 28-key alphanumeric with backlight or better  
 .Data storage:  
 Internal memory: 50,000 points or better  
 USB flash memory: Up to 32GB or better  
 .Interface: Serial RS-232C, USB 2.0 (Type A), Bluetooth (optional) or better  
 .Levels:  
 Graphic: 6 minutes (inner circle) or better  
 Circular: 10 minutes/2mm or better  
 Optical: 3x magnification, minimum focus 0.5m from tribrach bottom or better  
 .Dust and water resistance: IP66 or better  
 .Operating temperature: -20°C to 60°C or better  
 .Power supply: Detachable BDC46C Li-ion rechargeable battery or better  
 .Operating time: Up to 14 hours (Eco mode, fine single measurement every 30 seconds) or better

REQUIRED: Certificate of Genuine Dealership from Supplier for Support and Warranty purposes.

WITH ONSITE TRAINING

*Offer: Ruide Total Station  
 Telescopic: Length: 154mm  
 Diameter: Telescope: 45mm, EDM: 50mm  
 Magnification: 30x, Image: Erect  
 Field of View: 1°30', Resolving Power: 3"  
 Min. Focus: 1.0m  
 Distance: Single Prism Range: 5000m  
 Accuracy: ±(3mm + 12ppm\*D) m.s.e R2  
 Non-Prism Range: 1000m  
 Accuracy: ±(3mm + 2ppm\*D) m.s.e FINE  
 Measuring Time: 0.7s Normal : 0.5s  
 PPM Correction: Atmosense Auto Correction  
 Prism Constant: Manual  
 Angle: Accuracy: 2", Method: Absolute Encoding  
 Detection System: H: Dual, V: Dual  
 Min. Reading: 1"/5"10", Diameter of Circle: 79mm*



<p><i>Vertical Angle 0°; Zenith: 0°; Horizontal: 0°</i>  <i>Unit: 360°/400 gon/6400 mil</i>  <i>Display Unit: Graphic 160*90 Dots with Backlight</i>  <i>No. of displays: 2, Keyboard; Alphanumeric</i>  <i>Tilt Correction: Tilt Sensor: Dual Axis</i>  <i>Method: Liquid Electric, Range: 4', Resolution: 1"</i>  <i>Optical Plummet (Laser Optional):</i>  <i>Image: Erect Magnification: 3x,</i>  <i>Focusing Range: 0.3m to Infinite</i>  <i>Field of Views: 5°; Level: Plate Level: 30"/2mm</i>  <i>Circular Level: 8'/2mm</i>  <i>Data Storage: Internal Memory: &gt;10,000 points</i>  <i>Date Interface: USB 2.0 Pendrive,</i>  <i>Wireless: Bluetooth 2.1, WT12; General:</i>  <i>Weight: 5.4 kg, Dimension: 353 (H)*206(L)*200(w)mm, Working Temperature: -20 to 50°C</i>  <i>Battery Type: Rechargeable LI-ON, 7.4V, 3000mAh</i>  <i>Water and Dust Proof: IP65</i>  <i>Working Duration: 16 hours</i>  <i>Delivery Period: 60 calendar days</i>  <i>Please see attached brochure</i></p>		
<p><b>TOTAL CONTRACT PRICE</b></p>	<p><b>Php 1,990,000.00</b></p>	<p><b>One Million Nine Hundred Ninety Thousand Pesos Only</b></p>

You are hereby required to provide, within ten (10) days from receipt hereof, the Performance Security/ Performance Bond equivalent to the following;

Form of Performance Security	Amount of Performance Security (Equal to Percentage of the Total Contract Price)
a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Five percent (5%)
b) Bank draft/ guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank	Five percent (5%)
c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the insurance Commission as authorized to issue such security.	Thirty percent (30%)
d) Any combination of the foregoing.	Proportionate to share of form with respect to total amount of security



Failure to provide the Performance Security shall constitute sufficient ground for the cancellation of the award and forfeiture of the Bid Security.

Very truly yours,

  
**MA. CARLA A. OCHOTORENA, RN., Ph.D.**  
 President

Received by:

  
**ANGELA JOY BONGAT**

(Signature Over Printed Name)

Date: Nov. 6, 2024



**NOTICE OF AWARD**

NOV 6 2024

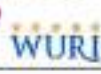
**HUMIL INTERNATIONAL CORPORATION**

419 Alegria Street, Sampaloc Manila

Maam/Sir:

This is to advise you that your bid dated **July 30, 2024** for **PR 24-05-219; Public Bidding Procurement of Procurement of Digital Electronic Theodolite and Total Station for the College of Engineering of the University**, with a following Contract Price is hereby accepted;

Object of Bidding	Total Amount in Figures	Amount in Words
<p><b>1. Four (4) units of DIGITAL ELECTRONIC THEODOLITE</b></p> <p>SPECIFICATIONS:            Angle Measurement:            Accuracy: 5 seconds or less            Minimum graduation: 1 second, 5 seconds, or 10 seconds (selectable)            Units: Degrees / mils / gons / V%</p> <p>Telescope:            . Magnification: 30x or higher            . Objective Lens Diameter: 1.7 inches (45 mm) or larger            . Focus Distance: 4.43 ft (1.35 m) to infinity or better            . Field of View: 1 degree 30 minutes or better            . Resolving Power: 3 seconds or lower            . Reticle Illumination: Yes (on/off button)</p> <p>Display: Dual back-lit LCD display panels or better</p> <p>Leveling: Automatic vertical compensation or better            (While automatic compensation is a standard feature, some models offer:            *Dual-axis compensation for automatic leveling on uneven terrain.            *Higher accuracy compensation for improved leveling precision.)</p> <p>Bubble vials:            . Circular bubble vial: 8 minutes/2 mm or better            . Level Plate/Tubular Bubble Vial: 30 seconds/2 mm or better            (These specification are related to sensitivity. A lower number indicates a more</p>	<p>Php 850,000.00</p>	<p>Eight Hundred Fifty Thousand Pesos</p>



<p>sensitive bubble vial. While the 8 minutes/2 mm and 30 seconds/2 mm are good, some theodolites boast:</p> <ul style="list-style-type: none"> <li>* Higher sensitivity bubble vials (e.g., 2 minutes/2 mm or better) for even more precise level readings.</li> <li>* Digital level displays for a more intuitive leveling process.)</li> </ul> <p><b>Battery:</b></p> <ul style="list-style-type: none"> <li>. Power Source: NiMH rechargeable battery (with option for 4 AA alkaline batteries) or better</li> <li>. Battery Life:             <ul style="list-style-type: none"> <li>. Alkaline: Up to 36 hours or better</li> <li>. Visible alert for low battery or better</li> </ul> </li> </ul> <p><b>Includes</b></p> <ul style="list-style-type: none"> <li>- Battery Charger</li> <li>- Carrying Case</li> <li>- Plumb Bob</li> <li>- Tool Kit</li> <li>- Tripod</li> <li>- Calibration Certificate from DENR</li> </ul> <p><b>Offer: Model: DE2A, DE2B, DE5A, DE5B DE Series Electronic Theodolite</b>  <b>A: with Compensator; B: without compensator</b>  <b>Telescope: Magnification: 30X; Image: Erect Shortest Sighting Distance: 1.5m</b>  <b>Field of View: 1° 30'</b>  <b>Angle Measurement: Accuracy: 2", 5"</b>  <b>Minimum Display: 1", 5", 10";</b>  <b>Compensator: Type: Single</b>  <b>Axis Liquid Tilt Sensor</b>  <b>Range: ±; Electronic Reference</b>  <b>Battery Type: Rechargeable/5 x AA Alkaline Batteries</b>  <b>Volume: 1800mAh, 6V (Ni-MH Battery)</b>  <b>Battery Life: 15 hours</b>  <b>Other Plummet: Optical/Laser</b>  <b>Weight: 5kg</b>  <b>Working Temperature: -20°C -+45°C</b>  <b>Feature: Absolute Coding Angle Measurement</b>  <b>Large LCD Display</b>  <b>Single Axis Tilt Sensor</b>  <b>Operation Easy and Standard</b>  <b>Please see attached Brochure</b></p>		
<p><b>2. Two (2) units of Total Station</b></p> <p>Specifications:          Telescope:          .Magnification: 30x or better          .Resolving power: 2.5 seconds or better          .Objective aperture: 45mm or better          .Field of view: 1 degree 30 minutes or better          .Minimum focus: 1.3 meters or better          .Reticle illumination: 5 brightness levels or better          Angle measurement:          .Minimum display resolution: Selectable 1 or 5 seconds or better</p>	<p>Php 1,140,000.00</p>	<p>One Million One Hundred Forty Thousand3 Pesos</p>



Distance measurement (EDM):  
 .Reflectorless mode range: 0.3 to 500 meters or better  
 .Prism mode range: 1.3 to 4,000 meters or better  
 .Measurement time:  
 Fine mode: 0.9 seconds (initial 1.5 seconds) or better  
 Rapid mode: 0.6 seconds (initial 1.3 seconds) or better  
 Tracking mode: 0.4 seconds (initial 1.3 seconds) or better

General:  
 .Display: Graphic LCD, 192 x 80 dots, backlit or better  
 .Keyboard: 28-key alphanumeric with backlight or better  
 .Data storage:  
 Internal memory: 50,000 points or better  
 USB flash memory: Up to 32GB or better  
 .Interface: Serial RS-232C, USB 2.0 (Type A), Bluetooth (optional) or better  
 .Levels:  
 Graphic: 6 minutes (inner circle) or better  
 Circular: 10 minutes/2mm or better  
 Optical: 3x magnification, minimum focus 0.5m from tribrach bottom or better  
 .Dust and water resistance: IP66 or better  
 .Operating temperature: -20°C to 60°C or better  
 .Power supply: Detachable BDC46C Li-ion rechargeable battery or better  
 .Operating time: Up to 14 hours (Eco mode, fine single measurement every 30 seconds) or better

REQUIRED: Certificate of Genuine Dealership from Supplier for Support and Warranty purposes.

**WITH ONSITE TRAINING**

*Offer: Ruide Total Station*  
*Telescopic: Length: 154mm*  
*Diameter: Telescope: 45mm, EDM: 50mm*  
*Magnification: 30x, Image: Erect*  
*Field of View: 1°30', Resolving Power: 3"*  
*Min. Focus: 1.0m*  
*Distance: Single Prism Range: 5000m*  
*Accuracy: ±(3mm + 12ppm\*D) m.s.e R2*  
*Non-Prism Range: 1000m*  
*Accuracy: ±(3mm + 2ppm\*D) m.s.e FINE*  
*Measuring Time: 0.7s Normal ; 0.5s*  
*PPM Correction: Atmosense Auto Correction*  
*Prism Constant: Manual*  
*Angle: Accuracy: 2", Method: Absolute Encoding*  
*Detection System: H: Dual, V: Dual*  
*Min. Reading: 1"/5"10", Diameter of Circle: 79mm*



<p><i>Vertical Angle 0°; Zenith: 0°; Horizontal: 0°</i>  <i>Unit: 360°/400 gon/6400 mil</i>  <i>Display Unit: Graphic 160°90 Dots with Backlight</i>  <i>No. of displays: 2, Keyboard; Alphanumeric</i>  <i>Tilt Correction: Tilt Sensor: Dual Axis</i>  <i>Method: Liquid Electric, Range: 4', Resolution: 1"</i>  <i>Optical Plummet (Laser Optional):</i>  <i>Image: Erect Magnification: 3x,</i>  <i>Focusing Range: 0.3m to Infinite</i>  <i>Field of Views: 5°; Level: Plate Level: 30"/2mm</i>  <i>Circular Level: 8'/2mm</i>  <i>Data Storage: Internal Memory: &gt;10,000 points</i>  <i>Date Interface: USB 2.0 Pendrive,</i>  <i>Wireless: Bluetooth 2.1, WT12; General:</i>  <i>Weight: 5.4 kg, Dimension: 353 (H)*206(L)*200(w)mm, Working</i>  <i>Temperature: -20 to 50°C</i>  <i>Battery Type: Rechargeable LI-ON, 7.4V, 3000mAh</i>  <i>Water and Dust Proof: IP65</i>  <i>Working Duration: 16 hours</i>  <i>Delivery Period: 60 calendar days</i>  <i>Please see attached brochure</i></p>		
<p><b>TOTAL CONTRACT PRICE</b></p>	<p><b>Php</b></p>	<p><b>1,990,000.00</b></p>
		<p><b>One Million Nine Hundred Ninety Thousand Pesos Only</b></p>

You are hereby required to provide, within ten (10) days from receipt hereof, the Performance Security/ Performance Bond equivalent to the following;

Form of Performance Security	Amount of Performance Security (Equal to Percentage of the Total Contract Price)
a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Five percent (5%)
b) Bank draft/ guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank	Five percent (5%)
c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the insurance Commission as authorized to issue such security.	Thirty percent (30%)
d) Any combination of the foregoing.	Proportionate to share of form with respect to total amount of security



Failure to provide the Performance Security shall constitute sufficient ground for the cancellation of the award and forfeiture of the Bid Security.

Very truly yours,

  
**MA. CARLA A. OCHOTORENA, RN., Ph.D.**  
President

Received by:   
**ANGELA JOY BONGAT**  
(Signature Over Printed Name)

Date: Nov. 6, 2024