

***Supply, Distribution, Configuration, Testing, Commissioning, Training and
Maintenance of TVL Tools and Equipment Packages to Public Senior High Schools
(Cabinets, Various Tools and Equipment)***
2022_BLR4(007to008)-CB-BIV-003

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Republic of the Philippines
Department of Education
Procurement Management Service
BAC Secretariat Division

Magandang araw! Maraming salamat sa pagpapalaganap ng mga impormasyon sa pamamagitan ng ita'ng formang itinataguyod. Maraming salamat sa pagpapalaganap ng mga impormasyon sa pamamagitan ng ita'ng formang itinataguyod. Maraming salamat sa pagpapalaganap ng mga impormasyon sa pamamagitan ng ita'ng formang itinataguyod.

BIDDER'S INFORMATION SHEET

ANNEX "A"

Directions: Please fill out all information requested legibly. Also, place a checkmark (✓) in the box(es) corresponding to all applicable items.

To be filled by ProcMS-BACSec staff only:
 Control No.: _____

PROJECT NO.: **2022-BLR4(007to008)-BV-CB-003**

PROJECT: **Supply, Distribution, Configuration, Testing, Commissioning, Training and Maintenance of TVL Tools and Equipment Packages to Public Senior High Schools (Cabinets, Various Tools and Equipment)**

TOTAL ABC: **Php293,070,140.00**

COST OF BIDDING DOCUMENTS: in **Php**

Lot1	Lot 2	Lot 3	Lot 4	Lot 5
3,600	4,300	2,200	18,000	1,300

DATE : _____

GENERAL INFORMATION

FULL NAME OF FIRM/COMPANY: _____

ADDRESS : _____

TEL. NO(S). : _____

FAX NO(S). : _____

EMAIL ADD. : _____

PERSON MANAGING AFFAIRS OF THE FIRM

NAME : _____

POSITION : _____

TEL. NO. : _____

MOBILE NO. : _____

AUTHORIZED REPRESENTATIVE

NAME : _____

POSITION : _____

TEL. NO. : _____

MOBILE NO. : _____

Where did you find out about this project? PhilGEPS DepEd website Bulletin Board

Your Firm/Company will join in the following lots: |

Bid Docs: OR No: _____ Date: _____ Amount: _____

OR No: _____ Date: _____ Amount: _____

Received from Procurement Management Service – BAC Secretariat Division the following:

✓	Document(s)	Received by		Date Received
		Printed Name	Signature	
<input type="checkbox"/>	Bidding Documents and Annexes A-J			
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

Notes:

- Interested Bidders may signify their intent to purchase the Bidding Documents through email at depedcentral.bacsecretariat@deped.gov.ph by accomplishing this form.
- Upon receipt of the bidder's information sheet, the BAC Secretariat Division will send through email the details of the DECS OSEC Trust Fund Account for payment.
- Upon payment, bidders may send through email the proof of payment before the deadline for submission of bids indicated in the Invitation to Bid, Bidding Documents or Bid Bulletin.
- Upon receipt of proof of payment, the BAC Secretariat will send the electronic copy of the Bidding Documents.

This form is not for sale, and may be reproduced. Information to be provided may be supported by additional documents for firm's security.

LIST OF ITEMS

Item No.	Description	Quantity	ABC in PhP
Lot 1: Agricultural Equipment			
1	Chainsaw, Portable	397 units	35,660,841.55
2	Chipper shredder	6 units	
3	Compactor, Mechanical	6 units	
4	Cutter, Grass	923 units	
5	Hedge trimmer, Power	12 units	
6	Mower, Lawn	52 units	
7	Soil auger, One-man	6 units	
8	Soil auger, Two-man	6 units	
9	Sprayer, Power	415 units	
10	Telescopic shaft or Power high branch pruner	12 units	
11	Tractor, Hand, with Implements	389 units	
Lot 2: Bread and Pastry and Cookery Equipment			
1	Commercial Stand Mixer with Complete Attachment	316 units	42,132,554.53
2	Decker Oven	316 units	
3	Mechanical Dough Roller	316 units	
4	Gas range w/ oven, 4 burner	674 units	
5	Stock pan burner	21 units	
Lot 3: Refrigerators and Freezers			
1	Freezer	93 units	22,590,819.93
2	Reach-in freezer	21 units	
3	Reach-in refrigerator	21 units	
4	Refrigerator, 7 cu. ft.	543 units	
5	Refrigerator (for Artificial Insemination)	51 units	
6	Upright Freezer	316 units	
Lot 4: Information Technology Devices and Accessories			
1	Computer, Laptop	4,721 units	178,867,163.51
2	Plotter	29 units	
3	Printer	411 units	
4	Smart TV	213 units	
Lot 5: Mass Production			
1	Cabinet, Design 1 (Storage/tool cabinet)	270 units	13,818,760.48
2	Cabinet, Design 2 (Condiment cabinet)	86 units	
3	Cabinet, Design 3 (Display Cabinet)	40 units	
4	Cabinet, Design 4 (Filing cabinet)	43 units	
5	Cabinet, Design 5 (First Aid Cabinet)	141 units	
6	Cabinet, Design 6 (Waiter Station Cabinet)	42 units	
7	Work Bench with Bench Vise on Four Corners	70 units	

COMPUTATION

(Bid Security, SLCC and NFCC)

Lot No.	ABC (in PhP)	Forms of Bid Security (in PhP)			SLCC		NFCC
		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 ; Cashier's / manager's check issued by a Universal or Commercial Bank (2% of ABC)	Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security (5% of ABC)	Bid Securing Declaration (no percentage required)	50%	25%	100%
1	35,660,841.55	713,216.83	1,783,042.08	-	17,830,420.78	8,915,210.39	35,660,841.55
2	42,132,554.53	842,651.09	2,106,627.73	-	21,066,277.27	10,533,138.63	42,132,554.53
3	22,590,819.93	451,816.40	1,129,541.00	-	11,295,410.97	5,647,704.98	22,590,819.93
4	178,867,163.51	3,577,343.27	8,943,358.18	-	89,433,581.76	44,716,790.88	178,867,163.51
5	13,818,760.48	276,375.21	690,938.02	-	6,909,380.24	3,454,690.12	13,818,760.48

**Quality Assurance Procedures During Contract Implementation
(Pursuant to DO 041, s. 2021)**

Pre-Delivery Inspection (PDI):

I. General Instructions:

- (a) The Supplier shall send request for inspection stating the goods to be inspected and the quantity to Contract Management Division (CMD). The Supplier shall ensure that the goods for inspection are available in their warehouse in the Philippines.
- (b) The Supplier in coordination with the DepEd Inspectors shall prepare the inspection area, to ensure smooth inspection flow. The inspection area shall have enough space and well ventilated.
- (c) The approved sample shall be used as reference during PDI. Change of approved sample is not allowed.
- (d) The Inspection and Test Protocol shall guide the conduct of the PDI.
- (e) The PDI shall be based on the sampling plan prepared by the End User (EU) pursuant to DO 041 s 2021.
- (f) The conduct of the PDI shall be properly documented by the DepEd Inspection Team including the taking of pictures to the goods inspected and the execution of the actual inspection.
- (g) DepEd Inspectors shall prepare the Inspection Report and the Supplier or his/her authorize representative must sign the Inspection Report as concurrence.
- (h) The goods shall pass the international or local quality control standards. For imported goods such as ISO, CE, ASTM, and the likes while PS mark for locally produced goods. This shall be manifested by sticker found in the goods or submit documents that the manufacturer not the supplier is ISO, CE, ASTM certified on quality process only. The Procuring Entity shall conduct validation of the submitted documents.

2. Steel Cabinets:

Preparation by the Supplier:

1. Lifting equipment and personnel shall be available and ready to assist the DepEd inspectors to fast track the PDI.

Conduct of the PDI by the DepEd Inspectors:

1. The conduct of the PDI for the steel cabinets shall be of two steps as follows:

1.1: Step 1: PDI of the still disassembled parts of the cabinet.

- Dimensional and visual inspection of the parts of the still disassembled cabinet shall be based on the random sampling plan prepared by the EU pursuant to DO 041 s 2021. It shall conform to the drawing and the technical specifications. There must be no deformities, dents, and other deficiencies/defects.
- Conduct powder-coating test to ensure that surface is powder coated not liquid paint coated and to validate the quality of the powder coat.
- Rejection shall follow the sampling plan. The rejected lot shall be sorted by the Supplier and re-submit to the DepEd inspectors for re-inspection/evaluation.

1.2. Step 2: Stability test of the assembled cabinets.

- Assemble one (1) unit per lot of the disassembled cabinets that passed Step 1.
- The assembled cabinets shall be subjected to visual inspection, dimensional inspection, and stability test by moving it sideways, forward, and backward and tilt 30 degrees both ways from the vertical position.
- If the first assembled cabinet is found to be to be conformance to the drawing and technical specifications and stable during the stability test, the lot shall be accepted.
- However, if the first assembled cabinet is found to have any of the following findings: a) nonconformance to the drawing and the technical specifications and b) not stable during the stability test, assemble the second cabinet from the same lot and to be subjected to same inspection and test procedures conducted to the first assembled cabinet, if the second assembled cabinet is again found to have the defects similar with the first assembled cabinet, reject the entire lot and discuss with the Supplier the defects found for rectification or replacement.
- The Supplier shall sort the rejected lot and re-submit the sorted lot to the DepEd inspectors for re-inspection/evaluation.

The Supplier/Forwarder upon delivery shall properly assemble the cabinets at the delivery site (recipient school). The Procuring Entity shall make no payment to the Supplier/Forwarder if the cabinets are found to be: a) not assembled; b) assembly is defective; and c) not place in the proper location as recommended by the school head or his/her authorized representative/s such as but not limited to Science/TVL Laboratories. The school head or his/her authorized representative shall properly document all deficiencies found and submit a report to Contract Management Division (CMD) or BLR Cebu copy furnish Schools Division Office and Regional Office.

LOCATION OF SAMPLE SUBMISSION AND EVALUATION

Item No.	Description	Quantity	Location
Lot 1: Agricultural Equipment			
1	Chainsaw, Portable	397 units	Bidder’s Warehouse
2	Chipper shredder	6 units	
3	Compactor, Mechanical	6 units	
4	Cutter, Grass	923 units	
5	Hedge trimmer, Power	12 units	
6	Mower, Lawn	52 units	
7	Soil auger, One-man	6 units	
8	Soil auger, Two-man	6 units	
9	Sprayer, Power	415 units	
10	Telescopic shaft or Power high branch pruner	12 units	
11	Tractor, Hand, with Implements	389 units	
Lot 2: Bread and Pastry and Cookery Equipment			
1	Commercial Stand Mixer with Complete Attachment	316 units	Bidder’s Warehouse
2	Decker Oven	316 units	
3	Mechanical Dough Roller	316 units	
4	Gas range w/ oven, 4 burner	674 units	
5	Stock pan burner	21 units	
Lot 3: Refrigerators and Freezers			
1	Freezer	93 units	Bidder’s Warehouse
2	Reach-in freezer	21 units	
3	Reach-in refrigerator	21 units	
4	Refrigerator, 7 cu. ft.	543 units	
5	Refrigerator (for Artificial Insemination)	51 units	
6	Upright Freezer	316 units	
Lot 4: Information Technology Devices and Accessories			
1	Computer, Laptop	4,721 units	Central Office
2	Plotter	29 units	
3	Printer	411 units	
4	Smart TV	213 units	
Lot 5: Mass Production			
1	Cabinet, Design 1 (Storage/tool cabinet)	270 units	Bidder’s Warehouse
2	Cabinet, Design 2 (Condiment cabinet)	86 units	
3	Cabinet, Design 3 (Display Cabinet)	40 units	
4	Cabinet, Design 4 (Filing cabinet)	43 units	
5	Cabinet, Design 5 (First Aid Cabinet)	141 units	
6	Cabinet, Design 6 (Waiter Station Cabinet)	42 units	
7	Work Bench with Bench Vise on Four Corners	70 units	

Inspection and Test Protocol

I. General Procedures:

All items will be subjected to the following procedures, whichever is applicable:

- a. Evaluate the parameters of the goods as indicated in the specifications e.g., material, dimensions, capacity, power rating, etc. which can be found in the item's nameplate. All areas must conform to the technical specifications. *Please note that variations on dimensions without tolerance will be evaluated according to “DIN ISO 2768- T1, c (coarse)”;*
- b. Look for any evidence of defects such as, but not limited to, rust formation, broken parts, etc. that affects function or overall performance as a whole. All items must be free from defects;
- c. Check the completeness of parts/accessories;
- d. Evaluate the functionality and performance of each item. A representative from the Bidder/Supplier shall perform the functionality and performance test in the presence of the TWG.

II. Detailed Inspection and Test Procedures

Item No.	Description	Inspection and Test Procedures
Lot 1: Agricultural Equipment		
1	Chainsaw, Portable	<p>Functionality/Performance</p> <ol style="list-style-type: none"> 1. Idle Run. Start the engine and let it run idle for at least a minute. Repeat for at least 3 trials. The engine shall run continuously with the blade at rest. 2. Speed Test. Measure the speed using the tachometer and a reflector. Remove the cover momentarily to facilitate access on the sprocket. Attached the reflector to the sprocket. Let the engine run and measure the speed. It shall give a reading of at least 3,000 rev/minute. 3. Take note of the initial condition of its cutter. Conduct actual cutting of wood like coco lumber with the size at least 6"x6"x6' across and along the grain. It must cut the lumber with minimal effort without permanent deformation on cutter, blade and on the chain saw as a whole. <p>Needed tools & materials: ruler, tachometer, gasoline, 2T oil and coco-lumber or equivalent 6"x6"x6' minimum size (shall be provided by the Bidder/Supplier during test).</p>
2	Chipper shredder	<p>Functionality/Performance</p> <ol style="list-style-type: none"> 1. Check engine type (4-Stroke) by the following indicators: <ul style="list-style-type: none"> a. mark on its nameplate or in user's manual b. There must a lube oil of working level in the engine 2. Operate the machine to check: engine condition (e.g., runs smooth, no clunky/explosive sound); the chipping capacity of up to 3”-size as stipulated in the specification; it shall run in 1 or 2 pull start. <p>Take more trials to verify reliability and serviceability.</p>

		<p>Needed tools & materials: gasoline, engine lube oil, twigs and up to 3" wood/tree branch (shall be provided by the Bidder/Supplier during test)</p>
3	Compactor, Mechanical	<p>Functionality/Performance</p> <ol style="list-style-type: none"> 1. Check engine type (4-Stroke) by the following indicators: <ol style="list-style-type: none"> a. mark on its nameplate or in user's manual b. There must a lube oil of working level in the engine 2. Start the engine and let it run for at least a minute. Repeat for at least 3 trials. The engine shall run in 1 or 2 pull start and continuously run with no irregular noise like knocking and clunking/popping sound. 3. Frequency. Use the tachometer and attach the reflector to the weighed eccentric shaft. Let the unit run and shall give a reading of 4200 RPM or VPM equivalent to 70Hz specified. 4. Conduct actual compacting of soil (loose) for 5 minutes to verify reliability and serviceability. <p>Needed tools and materials: ruler, tachometer, gasoline, engine lube oil, ground with shallow loose top soil (shall be provided by the Bidder during test)</p>
4	Cutter, Grass	<p>Functionality/Performance</p> <ol style="list-style-type: none"> 1. Idle Run. Start the engine and let it run idle for at least a minute. Repeat for at least 3 trials. The engine shall run continuously smooth with the cutter head at rest, without strange sound e.g. clunking, explosive 2. Speed Test. Let the grass cutter run. Measure the rotation speed of the cutter head using the tachometer and a reflector. It shall give a reading of at least 2,800 rev/minute. 3. Conduct actual cutting of grass for several trials to verify reliability and serviceability. <p>Needed tools and materials: gasoline, 2T oil, lawn with medium to long grass (shall be provided by the Bidder during test)</p>
5	Hedge trimmer, Power	<p>Functionality/Performance</p> <ol style="list-style-type: none"> 1. Check engine type (4-Stroke) by the following indicators: <ol style="list-style-type: none"> a. mark on its nameplate or in user's manual b. There must a lube oil of working level in the engine 2. Idle Run. Start the engine and let it run idle for at least a minute. Repeat for at least 3 trials. The engine shall run continuously smooth with the cutter head at rest, without strange sound e.g. clunking, explosive 3. Conduct actual cutting of a 10 to 20-inch wide hedge grass. It must cut the hedge grass with minimal effort and without permanent deformation on cutter, blade and on the unit as a whole. <p>Take more trials to verify reliability and serviceability.</p> <p>Needed tools and materials: gasoline, engine lube oil, hedge grass 10 to 20 inches wide (shall be provided by the Bidder during test)</p>
6	Mower, Lawn	<p>Functionality/Performance</p>

		<p>1. Check engine type (4-Stroke) by the following indicators:</p> <ol style="list-style-type: none"> mark on its nameplate or in user's manual There must a lube oil of working level in the engine <p>2. Start the engine and let it run idle for at least a minute. Repeat for at least 3 trials. The engine shall run continuously smooth, without strange sound e.g. clunking, explosive</p> <p>3. Conduct actual cutting of grass. It shall cut the grass at specified cutting width and height fast with minimal effort and without permanent deformation on cutter, blade and on the unit as a whole.</p> <p>Take more trials to verify reliability and serviceability.</p> <p>Needed tools and materials: gasoline, engine lube oil, lawn with medium to long grass (shall be provided by the Bidder during test)</p>
7	Soil auger, One-man	<p>Functionality/Performance</p> <p>1. Check engine type (4-Stroke) by the following indicators:</p> <ol style="list-style-type: none"> mark on its nameplate or in user's manual There must a lube oil of working level in the engine <p>2. Start the engine and let it run idle for at least a minute. Repeat for at least 3 trials. The engine shall run continuously smooth with the blade at rest, without strange sound e.g. clunking, explosive.</p> <p>3. Conduct a one-man digging of hole on soil at least one foot deep. It shall dig fast with minimal effort without deformation on the blade and the unit as a whole.</p> <p>Take more trials to verify reliability and serviceability.</p> <p>Needed tools and materials: gasoline, engine lube oil, earth (shall be provided by the Bidder during test)</p>
8	Soil auger, Two-man	<p>Functionality /Performance</p> <p>1. Start the engine and let it run idle for at least a minute. Repeat for at least 3 trials. The engine shall run continuously smooth with the blade at rest, without strange sound e.g. clunking, explosive.</p> <p>2. Conduct a two-man digging of hole on earth at least one foot deep. It shall dig fast with minimal effort without deformation on blade and the unit as a whole.</p> <p>Take more trials to verify reliability and serviceability.</p> <p>Needed tools and materials: gasoline, 2T oil, earth (shall be provided by the Bidder during test)</p>
9	Sprayer, Power	<p>Functionality/Performance</p> <p>1. Check engine type (4-Stroke) by the following indicators:</p> <ol style="list-style-type: none"> mark on its nameplate or in user's manual There must a lube oil of working level in the engine <p>2. Start the engine and let it run idle for at least a minute. Repeat for at least 3 trials. The engine shall run continuously smooth, without strange sound e.g. clunking, explosive.</p> <p>3. At full tank capacity, carry on the sprayer and conduct actual spraying on grass and trees using water for 5 minutes or until the tank dries to verify reliability and serviceability of the unit and its accessories. It shall</p>

		<p>spray a) in different patterns b) on higher altitude object like trees and c) at volume rate stated in the specification.</p> <p>Needed tools and materials: water, gasoline, engine lube oil (shall be provided by the Bidder during test)</p>
10	Telescopic shaft or Power high branch pruner	<p>Functionality/Performance</p> <p>1. Idle Run. Start the engine and let it run idle for at least a minute. Repeat for at least 3 trials. The engine shall run in 1 or 2-pull start and continuously run smooth with the blade at rest, without irregular noise like knocking/clunking and popping sound.</p> <p>2. Take note of the initial condition of its cutter. Conduct actual pruning in five cuttings of a high branch 6-inch diameter with its pole in full length to verify reliability and serviceability. It shall cut tree branch with minimal effort without permanent deformation on cutter, blade and on the chain saw as a whole.</p> <p>Needed tools and materials: tape rule, gasoline, 2T (shall be provided by the Bidder during test)</p>
11	Tractor, Hand, with Implements	<p>Functionality/Performance</p> <p>a) Start the engine for five (5) minutes and switch it "OFF". After two (2) minutes start again the engine and repeat the same procedure three (3) times. There must be no strange sound like thumps or clunks.</p> <p>b) Check each agricultural implement such as; single furrow plough, disc plough, and rototiller. It must fit to the linkage of the equipment either by towing behind or mounting. Perform the functionality test using each agricultural implement on a 2 ft. x 20 ft. plot. Each implement must function as intended. The single furrow plough and disc plough must be able to turn over the uppermost soil. The rototiller must turn the soil, break up large deposits, and kill weeds at the surface.</p> <p>Needed tools and materials: tape rule, diesel fuel (shall be provided by the Bidder during test)</p>
Lot 2: Bread and Pastry and Cookery Equipment		
1	Commercial Stand Mixer with Complete Attachment	<p>Functionality/Performance</p> <p>1. Administer mandatory functional testing by running the machine for fifteen minutes based on the specified operating procedure to determine that it is fully serviceable</p> <p>2. Monitor all moving parts, it shall without any abnormalities, sparks, and irregular noise in motor bearing</p> <p>4. Execute endurance testing for a series of five test runs with one minute each to determine how the machine behaves under sustained use.</p> <p>Load Testing using the three (3) attachments: by using the aluminum dough hook by using the stainless wire whip by using the aluminum flat beater</p> <p>Needed tools and materials: 5 kilo flour, water, tape rule, shall be provided by the Bidder during test)</p>

2	Decker Oven	<p>Functionality/Performance</p> <ol style="list-style-type: none"> Administer mandatory functionality testing based on the operating instructions. The following tests are as follows: a. Ignition system test, b. Gas leak test of LPG regulator and hose using soap and water execute endurance testing for a series of five test runs for one minute each to determine how the equipment behaves under sustained use. Verify oven Temperature range from 0 to at least 350 degrees centigrade using infrared thermometer relative to the digital display. Check heat of the oven exterior as stated in the specification #11. Monitor the machine, it shall without any abnormalities and irregular noise <p>Load testing</p> <ol style="list-style-type: none"> The supplier should perform the actual demonstration and provide raw materials needed like dough, etc. for load testing <p>Needed tools and materials: 5 kilos dough, tape rule, (shall be provided by the Bidder during test)</p>
3	Mechanical Dough Roller	<p>Functionality/Performance</p> <ol style="list-style-type: none"> Administer mandatory functional testing by running the machine for fifteen minutes based on the specified operating procedure to determine that it is fully serviceable Monitor the motor, it must be without any abnormalities, sparks, and irregular noise in motor bearing Execute endurance testing for a series of five test runs with one minute each to determine how the machine behaves under sustained use. <p>Load testing</p> <ol style="list-style-type: none"> The supplier should perform the actual demonstration in dough load testing and provide dough at least 5 kilos of flour use for testing <p>Needed tools and materials: 5 kilos freshly mixed dough, tape rule, (shall be provided by the Bidder during test)</p>
4	Gas range w/ oven, 4 burners	<p>Functionality test:</p> <ol style="list-style-type: none"> administer mandatory functionality testing based on the operating instructions. The following tests are as follows: a. Automatic electronic Ignition system test, b. Gas leak test of LPG regulator and hose using soap and water execute endurance testing in every burner for a series of five test runs for one minute each to determine how the equipment behaves under sustained use Monitor the machine without any abnormalities and irregular noise Measure the temperature of the oven by using the infrared thermometer to verify Temperature range from 0 to at least 250 degrees centigrade.

		<p>Load testing: 5. The supplier should perform the actual demonstration on how to use and provide any kitchen utensil and raw materials for cooking test.</p> <p>Needed tools and materials: tape rule, micrometer/Vernier caliper, infrared thermometer, soap, water, rugs (shall be provided by the Bidder during test)</p>
5	Stock pan burner	<p>Functionality test: 1. administer mandatory functionality testing based on the operating instructions as follows: Turn on the gas and have a leak test on the LPG regulator and hose using soap and water 2. Execute endurance testing for a series of five test runs for one minute each to determine how the equipment behaves under sustained use 3. Monitor the burner without any abnormalities and irregular noise</p> <p>Load testing: 4. The supplier should perform the actual demonstration on how to use and provide any kitchen utensil and raw materials for cooking test.</p> <p>Needed tools and materials: soap, water, rugs (shall be provided by the Bidder during test)</p>
Lot 3: Refrigerators and Freezers		
1	Freezer	<p>Functionality test: 1. Administer mandatory Functional Testing by running the machine for one hour based on the specified operating procedures to determine that it is fully serviceable. Freeze a bottle of water using the equipment; 2. Monitor the motor. There must be no abnormalities and irregular noise; 3. Execute endurance testing for a series of five test runs with one minute each to determine how the machine behaves under sustained use.</p> <p>Needed tools and materials: tape rule, thermometer (-18°C or lower), Bottled water (shall be provided by the Bidder during test)</p>
2	Reach-in freezer	<p>Functionality test: 1. Administer mandatory Functional Testing by running the machine for one hour based on the specified operating procedures to determine that it is fully serviceable. Freeze a bottle of water using the equipment; 2. Temperature setting at least -18°C 3. Monitor the motor. There must be no abnormalities and irregular noise; 4. Execute endurance testing for a series of five test runs with one minute each to determine how the machine behaves under sustained use.</p> <p>Needed tools and materials: tape rule, thermometer (-18°C or lower), Bottled water (shall be provided by the Bidder during test)</p>

3	Reach-in refrigerator	<p>Functionality test:</p> <ol style="list-style-type: none"> 1. Administer mandatory Functional Testing by running the machine for one hour based on the specified operating procedures to determine that it is fully serviceable. Freeze a bottle of water using the equipment; 2. Temperature Range: 0°C to 10°C 3. Monitor the motor. There must be no abnormalities and irregular noise; 4. Execute endurance testing for a series of five test runs with one minute each to determine how the machine behaves under sustained use. <p>Needed tools and materials: tape rule, thermometer (-0°C or lower), Bottled water (shall be provided by the Bidder during test)</p>
4	Refrigerator, 7 cu. ft.	<p>Functionality test:</p> <ol style="list-style-type: none"> 1. Administer mandatory Functional Testing by running the machine for one hour based on the specified operating procedures to determine that it is fully serviceable. Freeze a bottle of water using the equipment; 2. Monitor the motor. There must be no abnormalities and irregular noise; 3. Execute endurance testing for a series of five test runs with one minute each to determine how the machine behaves under sustained use. <p>Needed tools and materials: tape rule, thermometer (-0°C or lower), Bottled water (shall be provided by the Bidder during test)</p>
5	Refrigerator (for Artificial Insemination)	<p>Functionality test</p> <ol style="list-style-type: none"> 1. Administer mandatory Functional Testing by running the machine for 40 minutes to one hour based on the specified operating procedures to determine that it is fully serviceable. It must maintain 16 to 17-degree Centigrade temperature. 2. Monitor the motor. There must be no abnormalities and irregular noise; 3. Execute endurance testing for a series of five test runs with one minute each to determine how the machine behaves under sustained use. <p>Needed tools and materials: tape rule, thermometer (-0°C or lower)</p>
6	Upright Freezer	<p>Functionality test</p> <ol style="list-style-type: none"> 1. Administer mandatory Functional Testing by running the machine for one hour based on the specified operating procedures to determine that it is fully serviceable. Freeze a bottle of water using the equipment; 2. Monitor the motor. There must be no abnormalities and irregular noise; 3. Execute endurance testing for a series of five test runs with one minute each to determine how the machine behaves under sustained use <p>Needed tools and materials: tape rule, magnet, thermometer (-18oC or lower), Bottled water (shall be provided by the Bidder during test)</p>

Lot 4: Information Technology Devices and Accessories

1	Computer, Laptop	<p>1. Operate the laptop computer in accordance with its user's manual. Turn on the laptop, take access and view its full specifications on the screen. Crosscheck the specifications displayed on the screen with the required specification. The laptop computer shall at least meet the minimum of the required specifications.</p> <p>2. Optical Drive. Place CD (with data information or software) in the drive. It shall read, process, store, display data information in the CD of at least the following: a) driver and software of printer/plotter, b) CAD, c) windows file, d) MS Excel file, e) video and audio.</p> <p>3. Moreover, verify the rest of the features e.g., built-in camera, Ethernet connection, wireless LAN, Bluetooth, keyboard, wireless mouse, touch pad, power adapter, etc.</p> <p>Needed tools & materials: ruler, CD containing a) driver and software of printer/plotter, b) CAD, c) windows file, d) MS Excel file, e) video and audio, HDMI cable, Ethernet cable, internet access via Wi-Fi and Ethernet, device with Bluetooth e.g., cellphone.</p>
2	Plotter	<p>Operate the Plotter in accordance with the accompanying user's manual. Prepare a PC with Microsoft Windows 10/8/7 and CAD drawing file. Set up the Plotter and its accessories with the PC. Install the drivers and software from the accompanying CD. Let the Plotter print the CAD drawing of at least 3 print sheets. Check and verify the following:</p> <ul style="list-style-type: none"> a. It shall consistently produce clean and clear print without crumping/folding the paper or glitches and b. in at least 45 seconds a page. <p>Needed tools & materials: ruler, CAD drawings, PC, print papers (shall be provided by the supplier)</p>
3	Printer	<p>Operate the Printer in accordance with its user's manual. Connect it to the PC. Install the drivers and software. Let it run and verify performance of the features stipulated in the specifications e.g., a) print functions, b) print speed (as per ISO/IEC 24734), c) copy functions (as per ISO 29183), d) scan functions, e) Connectivity, f) paper formats, etc. (Refer to the specifications.)</p> <p>Needed tools & materials: ruler, PC, print papers (shall be provided by the supplier)</p>
4	Smart TV	<p>1. Operate the Smart TV in accordance with the accompanying user's manual. Turn "On" and "Off" for at least 3 repetitions, and it shall respond accordingly and consistent.</p> <p>2. Connectivity. Check each connection port stipulated the specification are serviceable e.g., USB, HDMI, Ethernet, Bluetooth, Wi-Fi, component and composite video. The TV shall display the data/information (images, audio, videos) from external source.</p> <p>3. Brightness and Volume. While the TV displays data/information adjust the display brightness and volume. It shall be set to display from dark to brightest and from silent to loud respectively.</p>

		Needed tools & materials: ruler, (shall be provided by the Bidder/Supplier during test: PC/lap top, HDMI cable, composite cable, ethernet cable, USB with video file, etc.)
Lot 5: Mass Production		
1	Cabinet, Design 1 (Storage/tool cabinet)	<ol style="list-style-type: none"> 1. Conduct paint testing (for powder-coated surface). To determine whether the item is powder-coated, moistened the cotton with denatured alcohol and rub it on the surface. The cotton shall not stain with paint 2. Assemble the cabinet. 3. Fastened joints using rivets and bolts with nuts. 4. Count/measure the number of holes for rivets, the size and the bolts with nuts. 5. Do the dimensional inspection of the assembly. Measure the height, width, depth, length. 6. Inspect the doors gap with respect to the frame, the thickness of the transparent Flexi-glass (acrylic), and the presence of the rubber linings. 7. Inspect the functionality of the three-way door lock and its keys, door handles, and hinges if it is complying with the technical specifications. 8. Spot welded surface must be properly polish. 9. Check the uprightness of the assembly when laid on a flat surface. 10. Check the alignment of the holes (for the detachable shelves support) both vertically and horizontally. 11. Render product stability, rigidity, and durability by placing a weight on the top surface of the shelves of at least 50 kg. If it “FAILS”, it will be the basis for the rejection of the item. 12. The assembled cabinet will be subjected to stress test by moving it sideways, forward, backward and tilt to approximately 30 degrees in both ways from the vertical position. <p>Materials: Tape rule, Vernier caliper, outside micrometer</p>
2	Cabinet, Design 2 (Condiment cabinet)	<ol style="list-style-type: none"> 1. Conduct material testing for stainless steel. To determine whether the material is stainless steel 304, use a magnet. The magnet shall not attract the material used. 2. Assemble the cabinet. 3. Fastened joints using rivets and bolts with nuts. 4. Count/measure the number of holes for rivets, the size and the bolts with nuts. 5. Do the dimensional inspection of the assembly. Measure the height, width, depth, length. 6. Inspect the doors gap with respect to the frame, the thickness of the transparent Flexi-glass (acrylic), and the presence of the rubber linings. 7. Inspect the functionality of the three-way door lock and its keys, door handles, and hinges if it is complying with the technical specifications. 8. Spot welded surface must be properly polish. 9. Check the uprightness of the assembly when laid on a flat surface. 10. Check the alignment of the holes (for the detachable shelves support) both vertically and horizontally. 11. Render product stability, rigidity, and durability by placing a weight on the top surface of the shelves of at least 50 kg. If it “FAILS”, it will be the basis for the rejection of the item.

		<p>12. The assembled cabinet will be subjected to stress test by moving it sideways, forward, backward and tilt to approximately 30 degrees in both ways from the vertical position.</p> <p>Materials: Tape rule, Vernier caliper, magnet, outside micrometer</p>
3	Cabinet, Design 3 (Display Cabinet)	<p>1. Conduct paint testing (for powder-coated surface). To determine whether the item is powder-coated, moistened the cotton with denatured alcohol and rub it on the surface. The cotton shall not stain with paint.</p> <p>2. Assemble the cabinet.</p> <p>3. Fastened joints using rivets and bolts with nuts.</p> <p>4. Count/measure the number of holes for rivets, the size and the bolts with nuts.</p> <p>5. Do the dimensional inspection of the assembly. Measure the height, width, depth, length.</p> <p>6. Inspect the doors gap with respect to the frame, the thickness of the transparent Flexi-glass (acrylic), and the presence of the rubber linings.</p> <p>7. Inspect the functionality of the three-way door lock and its keys, door handles, and hinges if it is complying with the technical specifications.</p> <p>8. Spot welded surface must be properly polish.</p> <p>9. Check the uprightness of the assembly when laid on a flat surface.</p> <p>10. Check the alignment of the holes (for the detachable shelves support) both vertically and horizontally.</p> <p>11. Render product stability, rigidity, and durability by placing a weight on the top surface of the shelves of at least 50 kg. If it “FAILS”, it will be the basis for the rejection of the item.</p> <p>12. The assembled cabinet will be subjected to stress test by moving it sideways, forward, backward and tilt to approximately 30 degrees in both ways from the vertical position.</p> <p>Materials: Tape rule, Vernier caliper, outside micrometer</p>
4	Cabinet, Design 4 (Filing cabinet)	<p>1. Conduct paint testing (for powder-coated surface). To determine whether the item is powder-coated, moistened the cotton with denatured alcohol and rub it on the surface. The cotton shall not stain with paint.</p> <p>2. Do the dimensional inspection of the assembly. Measure the height, width, depth, length.</p> <p>3. The drawers shall operate smoothly, noise-free, and easy to pull and push.</p> <p>4. Check the label holder of the drawer above the handle.</p> <p>5. Check the centralized locking system and its key. It shall lock and unlock smoothly.</p> <p>6. The assembled cabinet will be subjected to stress test by moving it sideways, forward, backward and tilt to approximately 30 degrees in both ways from the vertical position.</p> <p>Materials: Tape rule, Vernier caliper, outside micrometer</p>
5	Cabinet, Design 5 (First Aid Cabinet)	<p>1. Conduct material testing for stainless steel. To determine whether the material is stainless steel 304, use a magnet.</p> <p>The magnet shall not attract the material used.</p>

		<ol style="list-style-type: none"> 2. Do the dimensional inspection of the assembly. Measure the height, width, depth, length. 3. Inspect the doors gap with respect to the frame and the thickness of the frost-glass with a clear sign of a cross at the center. 4. Check the provision of a mounting hole at the back of the cabinet. 5. Inspect the door lock and key. 6. Slightly push or pull the magnetic glass door when closing and opening the cabinet. <p>Materials: Tape rule, magnet, outside micrometer, Vernier caliper</p>
6	Cabinet, Design 6 (Waiter Station Cabinet)	<ol style="list-style-type: none"> 1. Conduct material testing for stainless steel. To determine whether the material is stainless steel 304, use a magnet. The magnet shall not attract the material used. 2. Do the dimensional inspection of the assembly. Measure the height, width, depth, length. 3. The drawers shall operate smoothly, noise-free, and easy to pull and push. 4. Check the drawers and door of the cabinet individual locks. The cabinet door and drawers shall be easily close or open using each key. <p>Materials: Tape rule, magnet, outside micrometer, Vernier caliper</p>
7	Work Bench with Bench Vise on Four Corners	<ol style="list-style-type: none"> 1. Do dimensional inspection of the materials used such as angular bar and steel plate, 2. Inspect the work bench frame is fully welded except for the top plate which the weld is stitch. 3. Check the whole work bench is painted with acrylic gray. 4. Check the welding vise is mounted in four corners of the bench with bolts and nuts. The bolts and nuts shall securely fasten the vise. 5. Check the bench vise requirements as per technical specifications. <p>Materials: Tape rule, Wrenches, Vernier caliper</p>

**Inspection and Test Protocol for Collapsible Cabinets
(Pursuant to DO 41, s. 2021)**

Preparation by the Supplier:

1. Lifting equipment and personnel shall be available and ready to assist the DepEd Inspectors to fast track the inspection process.
2. Shall prepare the inspection area, to ensure smooth inspection flow. The inspection area shall have enough space for the easy movement of the DepEd Inspectors and well ventilated.

Conduct of the Pre-Distribution Inspection by the DepEd Inspectors:

1. Inspection of the goods shall be based on the sampling inspection plan prepared by the End User unit pursuant to DO 41, s. 2021. The sampling plan for collapsible cabinets shall be subjected to thorough quality control inspection based on the technical specifications and the approved sample.
2. Conduct visual inspection. There must be no deformities, breakage, sharp edges, dents, cracks, and other defects.
3. Do dimensional inspection based on the technical specifications and the approved sample on the disassembled and the assembled cabinet.
4. Conduct power-coating test to ensure that surface coating is powder coat, not liquid paint, and to validate the quality of the powder coat.
5. Assemble 10% of still disassembled cabinets taken from the samples that passed the dimensional inspection.
6. The assembled cabinets shall be subjected to visual and dimensional inspections, and stress test by moving it sideways, forward, and backward and tilt 30 degrees both ways from the vertical position to validate the stability of the cabinets. Reject the cabinet if found to be non-compliant to the technical specifications and unstable assembly. The rejection and acceptance shall be based on the sampling plan. The rejected lot will be turned-over to the Supplier for sorting, rectification or replacement. Submit the sorted lot to DepEd Inspectors for re-inspection.

The Forwarder upon delivery shall properly assemble the cabinets at the recipient school. No payment to the Forwarder if the cabinets are found to be:

- a. Not assembled;**
- b. Assembly is defective as confirmed by the School Head; and**
- c. Not placed in the proper location as recommended by the School Head or his/her authorized representative/s such as Science/ TVL Laboratories or any other locations.**

Price Schedule Form

Annex "G"

Name of Bidder:

ITB No.: 2022-BLR4(007to008)-BIV-CB-003

Project Title: **Supply, Distribution, Configuration, Testing, Commissioning, Training and Maintenance of TVL Tools and Equipment Packages to Public Senior High Schools (Cabinets, Various Tools and Equipment)**

LOT 1

ABC: PhP35,660,841.55

1	2	3	4	5	6	7	8	9	10
Items	Description	Country of Origin	Estimated price per unit	Quantity	Unit price EXW per item	Cost of labor, raw material and component	Sales and other taxes payable if contract is awarded	Unit price per item and other incidental services (Col 6 + 7 + 8)	Total Price delivered @ Supplier's Warehouse (Bid Price) (cols. 9 x col 5)
1	Chainsaw, Portable		3,879.03	397				-	-
2	Chipper shredder		30,804.03	6				-	-
3	Compactor, Mechanical		20,320.93	6				-	-
4	Cutter, Grass		3,879.03	923				-	-
5	Hedge trimmer, Power		24,693.88	12				-	-
6	Mower, Lawn		10,067.84	52				-	-
7	Soil auger, One-man		8,393.22	6				-	-
8	Soil auger, Two-man		13,277.34	6				-	-
9	Sprayer, Power		5,643.83	415				-	-
10	Telescopic shaft or Power high branch pruner		33,047.67	12				-	-
11	Tractor, Hand, with Implements		68,239.41	389				-	-
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								-	-
Total Price:	P -	Total Price in Words:							

Name and Signature of Authorized Representative

Date:

Notes:
 1. Column 4 of the Price Schedule Form indicates the estimated price per unit for each of the items in the Lot. Unit price per item and other incidental services (Col 9) should not be higher by more than 15% of the estimated price per unit. Any bid in violation of this rule shall be automatically reduced to 115% of the estimated price per unit.
 2. Total Bid Price (i.e. Total Lot Price) exceeding the ABC shall be a ground for the rejection of the bid.

* In case of discrepancies between or among the Schedule of Requirements, Annex "A" (List of Items and Bid Security) of the bidding document and the Price Schedule Form insofar as the lists of items and quantities are concerned, those appearing in the **PRICE SCHEDULE FORM SHALL PREVAIL.**

Price Schedule Form

Annex "G"

Name of Bidder:

ITB No.: 2022-BLR4(007to008)-BIV-CB-003

Project Title: **Supply, Distribution, Configuration, Testing, Commissioning, Training and Maintenance of TVL Tools and Equipment Packages to Public Senior High Schools (Cabinets, Various Tools and Equipment)**

LOT 2

ABC: PhP42,132,554.53

1	2	3	4	5	6	7	8	9	10
Items	Description	Country of Origin	Estimated price per unit	Quantity	Unit price EXW per item	Cost of labor, raw material and component	Sales and other taxes payable if contract is awarded	Unit price per item and other incidental services (Col 6 + 7 + 8)	Total Price delivered @ Supplier's Warehouse (Bid Price) (cols. 9 x col 5)
1	Commercial Stand Mixer with Complete Attachment		24,167.35	316				-	-
2	Decker Oven		31,799.15	316				-	-
3	Mechanical Dough Roller		26,711.28	316				-	-
4	Gas range w/ oven, 4 burner		23,037.96	674				-	-
5	Stock Pan Burner		22,799.53	21				-	-
								-	-
								-	-
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								-	-
Total Price:	P -		Total Price in Words:						

Name and Signature of Authorized Representative Date:

- Notes:
- Column 4 of the Price Schedule Form indicates the estimated price per unit for each of the items in the Lot. Unit price per item and other incidental services (Col 9) should not be higher by more than 15% of the estimated price per unit. Any bid in violation of this rule shall be automatically reduced to 115% of the estimated price per unit.
 - Total Bid Price (i.e. Total Lot Price) exceeding the ABC shall be a ground for the rejection of the bid.

* In case of discrepancies between or among the Schedule of Requirements, Annex "A" (List of Items and Bid Security) of the bidding document and the Price Schedule Form insofar as the lists of items and quantities are concerned, those appearing in the **PRICE SCHEDULE FORM SHALL PREVAIL.**

“Annex H”

Minimum Equipment and Tools Requirement for Mass Production

A. For the Manufacturing of Steel Cabinet and Workbench

No.	Particulars	Capacity	Quantity
1	Metal Stamping Machine	60 tons	2 units
2	Metal Sheet Bending Machine (Folding Machine)	Bending Capacity: 3mm thick x 2,250mm long	1 unit
3	Plate Shearing Machine	Shearing Length: 2,500 mm	1 unit
4	Drilling Machines: Bench or Pillar Type Portable		2 units 3 units
3	Resistance Welding Machine	Welds up to 3mm thick	3 units
4	Portable Angle or Straight Grinder		3 units
5	Gas Welding (Oxygen and Acetylene) Machine with Accessories		2 units
6	Tungsten Inert Gas (TIG) Welding Machine		1 unit
7	Powder Coating Complete Facilities (Painting) includes preparation, cleaning to finishing facilities		1 lot
8	Assorted Hand Tools such as Hammers, Screw Driver Set, etc		1 lot
9	Measuring Instruments: a. Steel Tape b. Try-square c. Vernier Caliper d. Micrometer Caliper	6 meters	3 pcs 2 pcs 3 pcs 2 pcs

Minimum Equipment and Tools requirements for Mass Production shall be inspected during post qualification. Compliance is one of the requirements in awarding the Mass Production contract.

STATEMENT OF COMPLIANCE

I hereby commit to comply with the above minimum Equipment and Tools requirements for Mass Production of the Project: **Supply, Distribution, Configuration, Testing, Commissioning, Training and Maintenance of TVL Tools and Equipment Packages to Public Senior High Schools (Cabinets, Various Tools and Equipment).**

Name and Signature
of Authorized Representative

Supply, Distribution, Configuration, Testing, Commissioning, Training and Maintenance of TVL Tools and Equipment Packages to Public Senior High Schools
(Cabinets, Various Tools and Equipment)

Annex "I"

Warranty Period

Item Number	Description	Quantity
Lot 1: Agricultural Equipment		
1	Chainsaw, Portable	1 year (parts and service)
2	Chipper shredder	1 year (parts and service), succeeding 2 years (service)
3	Compactor, Mechanical	1 year (parts and service), succeeding 2 years (service)
4	Cutter, Grass	1 year (parts and service)
5	Hedge trimmer, Power	1 year (parts and service)
6	Mower, Lawn	1 year (parts and service), succeeding 2 years (service)
7	Soil auger, One-man	1 year (parts and service)
8	Soil auger, Two-man	1 year (parts and service)
9	Sprayer, Power	1 year (parts and service)
10	Telescopic shaft or Power high branch pruner	1 year (parts and service)
11	Tractor, Hand, with Implements	1 year (parts and service), succeeding 2 years (service)
Lot 2: Bread and Pastry and Cookery Equipment		
1	Commercial Stand Mixer with Complete Attachment	1 year (parts and service), succeeding 2 years (service)
2	Decker Oven	1 year (parts and service), succeeding 2 years (service)
3	Mechanical Dough Roller	1 year (parts and service), succeeding 2 years (service)
4	Gas range w/ oven, 4 burners	1 year (parts and service), succeeding 2 years (service)
5	Stock Pan Burner	1 year (parts and service), succeeding 2 years (service)
Lot 3: Refrigerators and Freezers		
1	Freezer	1 year (parts and service), succeeding 2 years (service)
2	Reach-in freezer	1 year (parts and service), succeeding 2 years (service)
3	Reach-in refrigerator	1 year (parts and service), succeeding 2 years (service)
4	Refrigerator, 7 cu. ft.	1 year (parts and service), succeeding 2 years (service)
5	Refrigerator (for Artificial Insemination)	1 year (parts and service), succeeding 2 years (service)
6	Upright Freezer	1 year (parts and service), succeeding 2 years (service)
Lot 4: Information Technology Devices and Accessories		
1	Computer, Laptop	1 year (parts and service), succeeding 2 years (service)
2	Plotter	1 year (parts and service), succeeding 2 years (service)
3	Printer	1 year (parts and service), succeeding 2 years (service)
4	Smart TV	1 year (parts and service), succeeding 2 years (service)
Lot 5: Mass Production		
1	Cabinet, Design 1 (Storage/tool cabinet)	1 year (parts and service)
2	Cabinet, Design 2 (Condiment cabinet)	1 year (parts and service)
3	Cabinet, Design 3 (Display Cabinet)	1 year (parts and service)
4	Cabinet, Design 4 (Filing cabinet)	1 year (parts and service)
5	Cabinet, Design 5 (First Aid Cabinet)	1 year (parts and service)
6	Cabinet, Design 6 (Waiter Station Cabinet)	1 year (parts and service)
7	Work Bench with Bench Vise on Four Corners	1 year (parts and service)