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Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number 12217744
Procuring Entity MUNICIPALITY OF ANILAO - ILOILO
Title PROCUREMENT OF 3-UNITS BRAND NEW CBU, HEAVY EQUIPMENTS
Area of Delivery Iloilo

Solicitation Number:	2025-089	Status	Pending
Trade Agreement:	Implementing Rules and Regulations	Associated Components	1
Procurement Mode:	Public Bidding	Bid Supplements	0
Classification:	Goods	Document Request List	0
Category:	Vehicles	Date Published	13/07/2025
Approved Budget for the Contract:	PHP 19,500,000.00	Last Updated / Time	12/07/2025 15:48 PM
Delivery Period:	60 Day/s	Closing Date / Time	04/08/2025 09:00 AM
Client Agency:			
Contact Person:	Nestor, Jr. A. Malunes Municipal Assessor 4th Congressional District, Anilao Iloilo Philippines 5009 63-33-3620459 63-33-3620459 engineeranolao01@gmail.com		

Description

1.) 1 - Unit -BRAND NEW CBU, Motor Grader
Operating Weight: 13,000 kgs. (minimum)

ENGINE:

Description: 6 Cylinders , In Line, 4-stroke, Turbocharged, Water-cooled, Diesel-fed engine and at least Euro 2 (Tier 2) emission compliant

Displacement: 5.9 L (minimum)

Aspiration: Turbocharged with air-to-air aftercooler

Gross Power: 150 HP (minimum)

Torque (N-m/rpm): 650/1300 (minimum)

POWER TRAIN:

Transmission: Counter Shaft /Power Shift Transmission or better

Gears: Minimum 6 Forward gears and minimum 3 Reverse gears

Tandem Drive: Roller Chain with planetary final drives, Oscillating angle $\pm 15^\circ$ or better

Rear Axle: Heavy-duty chain-driven tandem axle with a no-spin limited slip differential or better

Front Axle: Heavy-duty welded steel frame

Tires: 13.00-24, heavy-duty grader tires (Minimum)

STEERING:

Type: Fully hydraulic, front wheel steering with articulated frame steering

Min. Turning Radius: 7,200mm (Minimum)

BRAKES:

Drive: Hydrostatic or better

Gradeability: 20% (minimum)

Service Brake: Hydraulic wet disc brake or better

Parking Brake: Spring applied hydraulic released dry disc parking brake or better

MOLDBOARD:

Type: Curved moldboard, High-strength carbon steel or High carbon heat-treated steel, Replaceable cutting edge & end bits

Blade length: 3,658mm (minimum)

Blade Width: 580mm (minimum)

Blade Thickness: 18mm (minimum)

Blade Tip Angle: 25 to 70° (minimum)

Max. Cutting Depth: 630mm

Max. Lifting Height: 450mm

Blade Side Shift (left/right): 525mm/530mm (minimum)

Max. Shoulder Reach (left/right): 2524mm

Max. Tilting Angle (left/right): 90°

CAPACITIES:

Fuel Tank: 280 L (minimum)

Hydraulic Oil Tank: 90 L (minimum)

Engine Crank Case: 18 L (minimum)

Engine Coolant: 30 L (minimum)

Cab Type: ROPS (Roll Over Protective Structure) with ISO Certification or its equivalent, Air-Conditioned closed Cab with AM/FM Radio.

Body Paint: Polyurethane yellow color coated with rust inhibiting primer or better

Minimum Features & Accessories:

GPS Navigation System, Hydraulic Line for breaker with lever control at the cab, Front Working Lights 4 pieces (minimum), Rear working Lights 2-pieces (minimum), Windshield Wiper (front & rear) with washer, Side Mirrors, Rear View Mirror, Rotating Working Bacon Full Length roller guard (bothsides).

2.) 1 - Unit - BRAND NEW CBU, Wheel Loader

Operating Weight: Minimum 16,000 kgs.

ENGINE:

Description: Diesel, 6 Cylinders , In Line, 4-stroke, Turbocharged, Water-cooled, Euro Stage 2 or higher

Displacement: Minimum 9,300 cc

Gross Power: Minimum 217 HP

Torque (N.m./rpm): 860/1,400 (minimum)

Fuel Tank Capacity: 250 liters (minimum)

DRIVES and BRAKES:

Drive System: Full-time 4-wheel drive (4WD), Heavy-duty planetary axle design with limited-slip or differential lock (auto/manual)

Gradeability: 28% (minimum)

Transmission: Power shift, minimum 2 forward and 1 reverse speeds

Brake System: Hydraulically actuated, wet multi disc service brakes on all wheels and Oil-cooled braking system

Parking Brake: Spring-applied, hydraulically released type

Emergency brake system integrated with service or parking brakes

Must comply with ISO 3450 or equivalent standard for brake performance

HYDRAULIC SYSTEM:

Type: Load-sensing, closed-center hydraulic system (preferred), or open center with priority valve

Pump Type: Variable displacement axial piston pump

Hydraulic Flow Capacity: Minimum 160L/min at rated engine speed

System Pressure: 17 Mpa (minimum)

Control Valves: Pilot-operated, multi-function valve with joystick or lever control

STEERING SYSTEM:

Type: Articulated frame steering with hydraulic power assist

Steering Method: Load-sensing hydraulic system

Articulation Angle: Minimum ±35°

Steering Cylinder: Dual-cylinder with adequate bore and stroke

Steering Pump: Integrated with main hydraulic system or separate circuit

Turning Radius (outside corner of tires): Not to exceed 6.65 meters

Compliance: Must meet ISO 5010 or equivalent standard

BUCKETS & ATTACHMENTS:

Capacity: Minimum 3.0 cubic meter

Bucket Type: Welded Steel construction with bolt-on or welded cutting edges

Wear Protection: Side cutters, bucket teeth, and reinforced corners preferred

Attachment System: Quick coupler system (mechanical or hydraulic)

Optional Attachments (as required): High dump bucket, Light material bucket, Forks (pallet or log type) and Material handling arm

TIRES & RIMS:

Tire Size: Heavy-duty, bias or radial construction, tubeless

Standard Size: Minimum 23.5 R25 (L3 or L5 tread pattern)

Application: Suitable for general construction, earthmoving, and material handling on mixed surfaces

Tire Configuration: 4 identical tires, interchangeable

Rim Type: Steel, heavy-duty with appropriate locking mechanism

DIMENSIONS:

Length (with bucket on ground): 7,750 mm (minimum)
Width (over tires): 2,750 mm (minimum)
Height (top of cab): 2,990 mm (minimum)
Wheelbase: 3,920 mm (minimum)
Minimum Clearance: At least 450mm (measured at rear axle or undercarriage midpoint)

WORKING RANGE:

Dump Height at Max. Lift: 2,970 - 3,150 mm
Dump Reach at Max. Lift: 1,090 - 1,200 mm
Max. Hinge Pin Height: 4,020 - 4150 mm
Bucket Rollback Angle (ground): 42° - 45°
Bucket Dump Angle (max. height): 44° - 50°

Cab Type: ROPS (Roll Over Protective Structure) with ISO Certification or its equivalent, Air-Conditioned closed Cab with AM/FM Radio.

Body Paint: Polyurethane yellow/orange color coated with rust inhibiting primer or better

Minimum Features & Accessories:

GPS Navigation System, Front Working Lights 4 pieces (minimum), Rear working Lights 2-pieces (minimum), Windshield Wiper (front & rear) with washer, Side Mirrors, Rear View Mirror, Rotating Working Bacon Full Length roller guard (bothsides).

3.) 1 - Unit - BRAND NEW CBU, Crawler Excavator
Operating Weight: 21,000 kgs. (minimum)

ENGINE:

Description: 6 Cylinder, In Line, 4 Stroke, Turbocharged, Liquid-cooled diesel engine and Euro 2 compliant or better
Displacement: 5,900 cc (minimum)
Gross Power: 110 kW (minimum)
Torque (N.m.): 620 N.m. (minimum)

Fuel Tank Capacity: 340 liters (minimum)

DRIVES and BRAKES:

Drive: Hydrostatic or better
Gradeability: 70% (35°) (minimum)
Drawbar Pull: 180 kN (minimum)
Service Brake: Automatic spring-applied, hydraulic-released brake
Parking Brake: SAHR Disc Brake
Travel Speed: High: 4.9-5.7 km/h, Low: 3.1-3.5 km/h

SWING SYSTEM:

Steering Control: Joystick and pedal-controlled hydrostatic steering
Drive: Hydraulic motor
Swing Reduction: Planetary Gear Reduction
Swing Speed: 10.5 rpm (minimum)
Swing Torque: equivalent performance based on manufacturer documentation

UNDERCARRIAGE:

Number of Shoes: 46 each side (minimum)
Shoe Width: 600 mm
Grouser: Triple
Track Adjuster: Hydraulic or Better
Track Gauge: 2,200 mm (minimum)
Track Length (on ground): 3,040 mm (minimum)
Number of Carrier Rollers: 2 each side (minimum)
Number of Track Rollers: 8 each side (minimum)

GENERAL PURPOSE BUCKET (HD):

Capacity: 0.90 cubic meter (minimum)
Number of Teeth: 5 (minimum)
Cutting Width: 1,200 - 1,400 mm

WORKING RANGE:

Arm Length: 2,900 mm (minimum)
Boom Length: 5,680 mm (minimum)
Ground Pressure: 40 kPa (minimum)
Digging Reach on Ground: 9,600 mm (minimum)
Digging Depth: 6,500 mm (minimum)
Digging Height: 9,100 mm (minimum)
Dumping Height: 6,600 mm (minimum)
Breakout/Digging Force: 127 kN (minimum)
Arm Tearout/Crowd Force: 102 kN (minimum)
Rotation/Swing Angle: 360° continuous rotation

Cab Type: ROPS (Roll Over Protective Structure) with ISO Certification or its equivalent, Air-Conditioned closed Cab with AM/FM Radio.

Body Paint: Polyurethane yellow/orange color coated with rust inhibiting primer or better

Minimum Features & Accessories:

GPS Navigation System, Hydraulic Line for breaker with lever control at the cab, Front Working Lights 4 pieces (minimum), Rear working Lights 2-pieces (minimum), Windshield Wiper (front & rear) with washer, Side Mirrors, Rear View Mirror, Rotating Working Bacon Full length roller guard (bothsides).

TERMS AND CONDITIONS:

1. Single Largest Completed Contract (SLCC) - Bidders should have completed, within three (3) years from the date of submission and receipts of bids, a contract similar to the Project. Similar contract shall refer to the Supply and Delivery of Equipment that is similar in type and brand of equipment being bid-out.

2. Documentary Requirements which may be submitted during Post-Qualification:

- a. Service Center Certification - Capable of providing technical support, maintenance and repair services.
- b. Technicians Certificate of Training - The Service Center Should have at least two (2) Technicians with Certificate of training from the Exclusive Distributor of Manufacturer of the offered brand, stationed in the Service Center for a minimum of two (2) years from the bid opening;
- c. Pictures with Evidence - The bidder shall provide Pictures with proof of sale or the evidence that the offered brand and type of equipment already existed in the Philippine field of construction for atleast fifteen (15) years. Proof of evidence shall be either in the form of the following:

- i. Official Receipt (OR)
- ii. Acceptance and Inspection Report (AIR)
- iii. Certificate from the Equipment's Owner that the unit is more than fifteen (15) years and still operational; and
- iv. Any other proof of sale.

d. Engine Emission Compliance issued by a regulatory agency in the country where the engine is manufactured.

e. Exclusive/Authorized Distributorship is required:

- i. If the bidder is the exclusive distributor: a Certificate of Exclusive Distributorship issued by the Equipment's Manufacturer, duly authenticated by a Philippine Embassy Official of the country where the equipment is manufactured required.
- ii. If the bidder is not exclusive distributor: a Certification from the exclusive distributor of authenticity/genuineness and after sales support/warranty supplemented with the Certificate of Exclusive Distributorship issued by the Equipment's Manufacturer duly authenticated by a Philippine Embassy Official of the country where the equipment is manufactured of the exclusive distributor is considered.

3. The supplier shall provide Filters, Oil and Lubricants for every scheduled servicing until one thousand (1,000) hours of operation without cost to the Procuring Entity.

4. Delivery period shall be Sixty (60) calendar days from the receipt of the Notice to Proceed.

5. Warranty Period shall be Five Thousand (5,000) hours of operation or two (2) years whichever comes first.

6. The supplier shall conduct training to MEO Drivers or Repair Shop Personnel on equipment operation, features and preventive maintenance.

7. The supplier shall provide Standard Tools, Operator's Manual, Shop Manual and Parts Catalogue for each unit (Manuals/Parts Catalogue-English/Tagalog).

8. The supplier shall shoulder the first one (1) year GSIS Comprehensive Insurance.

9. The supplier shall also be required still free of charge, attach stickers to each unit the Logo of LGU Anilao on both sides, the equipment assigned number on front, rear & both sides and the words "MUNICIPALITY OF ANILAO" on front & rear portion.

10. The supplier Technical Specifications must meet or exceed end user preference. (Any one (1) item in the technical specification of NON-COMPLIANCE is a ground for automatic disqualification).

Note:

No letter of credit (LC)

Line Items

Item No.	Product/Service Name	Description	Quantity	UOM	Budget (PHP)
1	3-units Brand New CBU, Heavy Equipments	PROCUREMENT OF 3-UNITS BRAND NEW CBU, HEAVY EQUIPMENTS	3	Unit	19,500,000.00

Pre-bid Conference

Date	Time	Venue
21/07/2025	10:00:00 AM	BIDS AND AWARD COMMITTEE OFFICE Municipality of Anilao Anilao, Iloilo

Other Information

Pre-Bid Will be on July 18, 2025 @ 10:00 A.M. @ BIDS AND AWARD COMMITTEE OFFICE
Municipality of Anilao
Anilao, Iloilo

Bidding Will be on August 4, 2025 @ 9:00 A.M. @ BIDS AND AWARD COMMITTEE OFFICE
Municipality of Anilao
Anilao, Iloilo

Created by Nestor, Jr. A. Malunes

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