

BIDFORM FOR THE PUBLIC BIDDING OF:  
 DATE OF PRE-BID CONFERENCE:  
 DEADLINE OF SUBMISSION OF BIDS:

**UPLB-S-054-8-17 SUPPLY AND DELIVERY OF 4WD FARM TRACTOR OF BIOMECH**  
**Wednesday, 19 July, 2017 1:30 PM**  
**Wednesday, 02 August, 2017 1:15 PM**

**BIOMECH, PR# 8269**  
**RCC: 9151032, 536-8745**

LOT #	ITEM #	REQUIRED SECIFICATIONS	OFFERED SPECIFICATIONS (write down detailed offered specifications)	REFERENCES (include supporting documents)	COMMENTS/ REMARKS (clarify inclusion/ exclusion)	EVALUATION
1	1	<p><b>AGRICULTURAL/FARM TRACTOR, BRAND NEW</b></p> <p>Four-Wheel drive, with rated engine power of 75 HP at 2400 rpm</p> <p><b>ENGINE</b></p> <p>Diesel engine, 2.9 liters displacement</p> <p>Rated engine power (97/68/EC) 74.7 hp @ 2400 rpm</p> <p>Rated PTO power (SAE J1349) 63.5 hp @ 2400 engine rpm</p> <p>Certified for TIER-II emissions and Smoke Directives</p> <p>Three (3) cylinder engine</p> <p>Rotary FIP (fuel injection pump)</p> <p>Turbo charged</p> <p><b>ENGINE AUXILLARY</b></p> <p>Dry type air cleaner with safety element</p> <p>Under hood muffler with vertical draft exhaust stack</p> <p>Water cooled with coolant and overflow reservoir tank</p> <p>Mechanical hand and foot throttles</p> <p>Electrical fuel shutoff</p> <p>Radiator 56 mm core thickness</p> <p>Fan finger guard</p> <p><b>TRANSMISSION</b></p> <p>MFWD - Top Shaft Synchronizer (TSS, standard)</p> <p>Number of gears 9 forward and 3 reverse</p> <p>Park pawl</p> <p>Right hand shift lever for speeds</p> <p>Left hand shift for ranges</p> <p>Differential lock</p>				

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		Neutral start safety switch				
		<b>REAR AXLE</b>				
		Greased axle				
		Planetary final drives				
		<b>HYDRAULICS</b>				
		Open center hydraulic system				
		For SCV (selective control valve) (68 with 90% efficiency)				
		Maximum total flow				
		Steering pump 25.7 l/min (with 90% efficiency)				
		Implement pump 43.1 l/min (with 90% efficiency)				
		Single SCV standard factory fit				
		<b>POWER TAKE-OFF SHAFT</b>				
		Independent, 6 splines				
		Dual PTO				
		Independent 'Live' 540 rpm rear PTO shaft @2376 engine rpm (standard)				
		Independent 'Live' 540E rpm rear PTO shaft @1705 engine rpm				
		PTO safety start switch				
		<b>FRONT AXLE</b>				
		MFWD front axle (MFWD - mechanical front wheel drive)				
		Metal face sealing				
		Engage/Disengage lever for actuating drive to front axle				
		Greasing nipples for lubrication				
		<b>STEERING and BRAKES</b>				
		Hydrostatic power steering				
		Hydraulically actuated wet disk brakes				
		Self equalizing and self adjusting				

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		<b>ROCKSHAFT, HITCH and DRAWBAR</b> Rear rockshaft with position control Draft control and adjustable rate of drop Three-point hitch, Category II with sway bars, convertible to Category I <b>WAGON HITCH</b> Upper link Category II with fixed balls <b>INSTRUMENTATION</b> Electric fuel gauge Tachometer with hour meter Forward/Ground speed in kph Oil pressure indicator light Coolant temperature gauge Alternator indicator light Air restriction indicator light Turn signal indicator light High beam light PTO engagement light Parking brake indicator light Trailer indicator Instrument cluster - LCD display hour meter <b>ELECTRICAL</b> Electrical system 12 volts Battery capacity 100 Ah Alternator capacity 43 amp Electrical outlet socket 7-pin EEC (ISO 11786 standard) Starter 12v, 2.5 kW <b>LIGHTS</b> Two front halogen headlights Two front fender parking and flashing warning lights Two rear fender parking, brake and flashing warning lights				

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		Fender mounted halogen rear work lamp License plate lamp Head lamp - LH traffic <b>DIMENSIONS AND WEIGHT</b> Wheel base: 2045mm Ground clearance: 460mm Turning radius with brakes: 3604mm Weight: 2640 kg excluding the front and rear weights <b>WHEELS and TIRES (OFF ROAD)</b> Front: 12.4 x 24 Rear: 18.4 x 30 <b>MISCELLANEOUS</b> Tilt-up single piece hood Fender mounted metallic tool box Front ballast weight F-1BW (ballast weight) + 4TW (tractor weight, 47 kg each) (EU) Rear weights R-4 No.s, 2 each (50 kg each) (EU)  Draw bar clevis with pin and hammer ROPS as standard fitment Canopy made of fiberglass as additional attachment User's manual <b>TRACTOR TEST DATA</b> Available from either of the following: Agricultural Machinery Testing and Evaluation Center (AMTEC), University of the Philippines Los Baños, College, Los Baños, Laguna, Philippines  Nebraska Tractor Test Laboratory (NTTL), University of Nebraska, Lincoln, Nebraska, USA				

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		<p><b>OTHER REQUIREMENTS</b></p> <p>Delivery to UPLB</p> <p>Warranty: 1 year or 1500 hours whichever comes first, against factory defects</p> <p>Supplier must provide brochure or manual with manufacturer's specifications</p> <p>Free operators' and maintenance training upon delivery at site</p> <p>Supplier must have been in the business of supplying farm tractors for at least 10 years and must be capable of providing after-sales services like maintenance, repair and spare parts.</p> <p>The supplier must submit a brief company profile (indicate if available from web site) and a list of at least 2 major clients preferably during the last two years, including model of machine and year delivered, contact address and number.</p> <p>Availability of manufacturer's trained technician <b>with certificate</b> for after sales service.</p> <p>Delivery period: 120 calendar days upon receipt of Notice to Proceed</p> <p>At least one service center in Metro Manila or CALABARZON 4A area</p>				

Note: Please fill-up applicable columns.

Signature of Representative: \_\_\_\_\_

Name of Representative: \_\_\_\_\_

End-user:

Position: \_\_\_\_\_

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\_\_\_\_\_  
 Signature over Printed Name

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone/ Fax: \_\_\_\_\_

Email: \_\_\_\_\_