



July 14, 2014

INVITATION TO BID

The Department of Agriculture, Regional Field Office No. 12, Koronadal City through its Bids and Awards Committee (BAC) invites prospective and interested bidders for the procurement of the following projects, to wit:

AGRI-PINOY RICE PROGRAM

1. Construction/Operationalization of 1 unit Rice Processing Center II (RPC II)
ABC : Php13,500,000.00

DA's counterpart : Full grant
Farmers' Equity : lot area and site development

Specifications:

A. Batch Recirculating Grain Dryer

- Holding capacity, minimum content : 6 tons wet palay at 28% moisture
- Elevator capacity content : 12 tons/hr at 28% moisture
- Minimum drying rate : 1.2% per hour from 28%MC to 14%MC
- Drying air temperature : 40 to 80 degree celsius
- Drying type : batch re-circulating
- Power supply : 220 volt, single phase
- Moisture gradient : 2% maximum
- Product quality:
 - ✓ cracked grain and increase : 5% maximum)
 - ✓ head rice, % decrease : 5% maximum)
 - ✓ hulled/damaged grain, % decrease : 3% maximum)
- Heating system efficiency : 50% maximum
- With dust collection system
- With bagging chute, with minimum capacity appropriate to the system
- Equipped with biomass fed furnace

B. Biomass Furnace (the furnace is preferably 1 furnace from each dryer)

- Type : indirect fired
- Fuel : multi-fuel (preferably rice humm/corncoobs)
- Feeding system : automatic
- Temperature Control : with temperature controller
- Power Requirement : 1HP maximum
- Heating system capacity : 50% minimum

C. Multi-Pass Rice Mill

- Milling capacity : 1.2 ton/hr milled rice at 98% purity
- Milling recovery : 65%
- Drive : independent electric motor, 3 phase, 220 volts
 - a) One lot pre-cleaning system
 - b) 1 unit rubber huller
 - c) 1 unit paddy separator
 - d) multi-pass whitening system (should be 3 or more passes)
 - * combination of abrasive stone (abrasive) friction type whitener / polisher, number depending on the appropriateness, applicability design of the system inherent to supplier's design
 - e) 1 unit brewer (binlid) sifter
 - f) 1 unit steel rice box
 - g) complete set steel bucket elevators

- h) one lot assorted ancillary parts
- i) one lot electrical materials for electric motor connections, comprising of wires, conduits and fittings
- j) appropriate electrical control panel
- k) complete set of minimum tools and accessories that can be used for regular maintenance
- l) with rice hull bin with minimum total volume of 80 cubic meters

D. Warehouse

- Floor area : 550sqm
- Roofing : concrete with complete RSB
- Column : made of concrete column with appropriate RSB support
- Wall : CHB with necessary support plastered & painted with yellow
- Roofing painted with "*Mula sa Tao, Para sa Tao*" and DA Agri-Pinoy logo
- With 3 x 6m marker and engrave in wall fronting to roadside (content of marker includes : DA and Agri-Pinoy logo, project title and project recipient)

E. Portable Moisture Meter for Rice and Corn

F. Digital Weighing Scale : 1 ton capacity

G. At least 2 years warranty

H. With trainings for operators

I. Build as design

J. Performance and efficiency should conformed by PAES

Delivery, installation and construction period : 180 calendar days

Cost of Bidding Documents : Php25,000.00

**2. Construction/Operationalization of 1 unit Rice Processing Center I (RPC I) - Diesel Engine Operated
ABC : Php4,500,000.00**

DA's counterpart : Full grant

Farmers' Equity : 1,000 sqm minimum lot area and site development

Specifications:

A. Multi-Pass Rice Mill

- Milling capacity : 1 ton/hr output capacity
- Purity : 98%
- Milling recovery : 65%
- Drive : For Automotive Diesel Engine
 - * Engine : 4 cylinder, diesel, water cooled, with appropriate HP to drive the system
- a) One lot pre-cleaning system
- b) 1 unit rubber huller
- c) 1 unit paddy separator
- d) 1 unit destoner, mounted on steel base structure
- e) 1 unit abrasive stone (abrasive)
- f) 1 unit friction type whitener/polisher
- g) 1 unit brewer (binlid) sifter
- h) 1 unit steel rice box
- i) complete set steel bucket elevators
- j) 1 unit automotive diesel engine
- k) complete set of minimum tools and accessories that can be used for regular maintenance
- l) with rice hull bin with minimum total volume of 60 cubic meters

K. Warehouse

- Build as design
- Roofing painted with "*Mula sa Tao, Para sa Tao*" and DA Agri-Pinoy logo
- With 3 x 6m marker and engrave in wall fronting to roadside (content of marker includes : DA and Agri-Pinoy logo, project title and project recipient)

- L. **Portable Moisture Meter for Rice and Corn**
- M. **Digital Weighing Scale : 1 ton capacity**
- N. **At least 2 years warranty**
- O. **With trainings for operators**
- P. **Performance and efficiency should conformed by PAES**

Delivery, installation and construction period : 150 calendar days

Cost of Bidding Documents : Php5,000.00

3. Construction/Operationalization of 4 units Rice Processing Center I (RPC I) - Electric Operated

ABC : Php18,000,000.00

DA's counterpart : Full grant
Farmers' Equity : 1,000 sqm minimum lot area and site development

Specifications:

B. Multi-Pass Rice Mill

- Milling capacity : 1 ton/hr output capacity
- Purity : 98%
- Milling recovery : 65%
- Drive : For Independent Electric Motor, 3 phase, 220 volts
 - a) One lot pre-cleaning system
 - b) 1 unit rubber huller
 - c) 1 unit paddy separator
 - d) 1 unit destoner, mounted on steel base structure
 - e) 1 unit abrasive stone (abrasive)
 - f) 1 unit friction type whitener/polisher
 - g) 1 unit brewer (binlid) sifter
 - h) 1 unit steel rice box
 - i) complete set steel bucket elevators
 - j) one lot assorted ancillary parts
 - k) one lot electrical materials for electric motor connections, comprising wires, conduits and fittings
 - l) appropriate electrical control panel and transformers, KWM
 - m) complete set of minimum tools and accessories that can be used for regular maintenance
 - n) with rice hull bin with minimum total volume of 60 cubic meters

Q. Warehouse

- Build as design
- Roofing painted with *"Mula sa Tao, Para sa Tao"* and DA Agri-Pinoy logo
- With 3 x 6m marker and engrave in wall fronting to roadside (content of marker includes : DA and Agri-Pinoy logo, project title and project recipient)

R. Portable Moisture Meter for Rice and Corn

S. Digital Weighing Scale : 1 ton capacity

T. At least 2 years warranty

U. With trainings for operators

V. Performance and efficiency should conformed by PAES

Delivery, installation and construction period : 180 calendar days

Cost of Bidding Documents : Php25,000.00

4. 28 units Floating Tiller

ABC	: DA's counterpart (85%)	- Php2,659,999.99
	Farmers' Equity (15%)	- 469,411.76
	100%	- 3,129,411.76

Specifications:

- 10HP air-cooled diesel, with AMTEC
- vacuum type floating tiller
- 5mm thickness, solid gear box (standard)
- performance and workmanship should conformed to PAES
- with DA and Agri-Pinoy logo (painted)
- minimum of 1 year warranty

Delivery period : 30 calendar days

Delivery site : DA-CEMIARC, Tupi, Bololmala, South Cotabato

Cost of Bidding Documents : Php5,000.00

5. 5 units 4WD Tractor with Backhoe

ABC	: DA's counterpart (85%)	- Php7,499,999.99
	Farmers' Equity (15%)	- 1,323,529.41
	100%	- 8,823,529.41

Specifications:

- a) Engine
 - with 35-40HP diesel engine
 - number of cylinder : 3
 - fuel : diesel
- b) PTO
 - speed : 540rpm
- c) Hydraulic system
 - hydraulic control system : position control
 - 3 point hitch
- d) Travelling system
 - standard power steering
 - clutch : dry type single stage
 - transmission : gear shift, 8 forward and 8 reverse
 - 425mm ground clearance
- e) Implements
 - backhoe loader, harrow, plow, trailer
 - * 2400mm digging depth
 - * 3210mm digging height
 - * 3140 working radius
 - * 1470mm width f supporting legs
 - * 16 inches bucket width
 - * 0.050 cu.m width
- f) Rotavator
 - 32 blades
- g) Plough
 - 3 by 6 inches to 18 inches diameter of disc

- With minimum warranty of 1 year
- With DA and Agri-Pinoy logo (painted)
- AMTEC tested and should conformed with PAES
- Must have Service Center within Region XII

Delivery period : 30 calendar days

Delivery site : DA-CEMIARC, Tupi, Bololmala, South Cotabato

Cost of Bidding Documents : Php10,000.00

6. 1 unit 4WD Tractor with complete accessories

ABC	: DA's counterpart (85%)	- Php799,999.99
	Farmers' Equity (15%)	- 141,176.47
	100%	- 941,176.47

Specifications:

- a) Engine
 - with 35-39HP diesel engine
 - number of cylinder : 3
 - fuel : diesel
- b) PTO
 - speed : 540rpm
- c) Hydraulic system
 - hydraulic control system : position control
 - 3 point hitch
- d) Travelling system
 - standard power steering
 - clutch : dry type single stage
 - transmission : gear shift, 8 forward and 8 reverse
- e) Implements
 - with implements (mould board plow, disc plow, rotavator, trailer)

- With minimum warranty of 1 year
- With DA and Agri-Pinoy logo (painted)
- AMTEC tested and should conformed with PAES
- Must have Service Center within Region XII

Delivery period : 15 calendar days

Delivery site : DA-CEMIARC, Tupi, Bololmala, South Cotabato

Cost of Bidding Documents : Php1,000.00

7. 25 units Combine Harvester with Hauler

ABC	: DA's counterpart (85%)	- Php35,000,000.00
	Farmers' Equity (15%)	- 6,176,470.59
	100%	- 41,176,470.59

Specifications:

- a) Engine
 - water cooled, 4 cycle, 4 cylinder, turbo charged, diesel
 - 60HP minimum rated power
 - b) Driving System
 - less than or equal to 20 kpa average ground contact pressure
 - 240mm minimum ground clearance
 - Automatic Hydraulic HST (2F/2R min)
 - clutch and brake steering system
 - c) Cutting system
 - 900 x 1828mm pick-up reel (DxW)
 - hydraulic height adjustment
 - 2000mm gathering length
 - -19 to 800mm cutting height range
 - 1900mm cutter bar length
 - d) Threshing system
 - sack grain unloading method
 - spike tooth, axial flow/tangential flow or combination
 - 250 kgs minimum grain tank capacity
 - fan (front and rear) + sieving + re-tresh
- Harvesting capacity of 0.50ha/hr of rice minimum
 - AMTEC tested
 - With minimum warranty of 1 year
 - With DA and Agri-Pinoy logo (painted)
 - Performance and efficiency should conformed to PAES
 - Specifications should be signed and sealed by a RPAE
 - Must have service center within the Region

Delivery period : 120 calendar days

Delivery site : DA-CEMIARC, Tupi, Bololmala, South Cotabato

Cost of Bidding Documents : Php25,000.00

8. Construction of 20 units Mini-warehouse with MPDP

ABC : Php14,000,000.00

Specifications:

A. Mini-Warehouse

- Dimension
 - Length : 11m
 - Width : 6m
 - Height : 3.5m
 - Floor thickness : 0.15m (6") reinforced with 10mm Ø RSB sp. @ 0.60m both ways
 - Roofing painted with "*Mula sa Tao, Para sa Tao*" and DA Agri-Pinoy logo
 - With 3 x 6m marker and engrave in wall fronting to roadside (content of marker includes : DA and Agri-Pinoy logo, project title and project recipient)

B. Multi-Purpose Drying Pavement (MPDP)

- Area : 420sqm
- Dimension : length - 28m; width - 15m
- Thickness : 0.1m (4 inches)
- Mixing Proportion : 1:2:4 (Class A)

Construction period : 130 calendar days

Cost of Bidding Documents : Php25,000.00

9. Construction of 30 units Palay Shed

ABC : Php4,500,000.00

Specifications:

A. Flooring

- Dimension : length - 9m; width - 6m
- Thickness : 4" (.10m)
- Concrete Mixture : Class B (1:2.5:5.5)
- 10mm diameter reinforcing steel bar sp. 0.60m O.C both ways

B. Column

- 0.25m x 0.25m concrete column with clear height of 2.80m
- Concrete mixture : Class A (1:2:4)
- 10mm dia. reinforcing steel bar with 10mm dia. lateral ties tied with #6 tie wire

C. Roofing

- roofing sheets shall be made of brand new G.A. #26
- corrugated GI sheet
- roofing sheets shall be connected to the purlins by using self-tapping roof metal screw of "tekscrew"
- trusses shall be made of 1/4 thick 1 1/2" x 1 1/2" (top-bottom chord) and 3/6" thick 1" x 1" angle bar (web member)
- steel strut - 1/4" thick 1 1/2" x 1 1/2" angle bar with 3/6" thick 1" x 1" angle bar (web member)
- Roofing painted with "*Mula sa Tao, Para sa Tao*" and DA Agri-Pinoy logo
- With 3 x 6m marker and engrave in wall fronting to roadside (content of marker includes : DA and Agri-Pinoy logo, project title and project recipient)

Construction period : 130 calendar days

Cost of Bidding Documents : Php10,000.00

10. Various Office Equipment - ABC : Php1,076,000.00

Specifications:

A. 5 units Laptop (60,000/unit)

- Model : MP500P4C; Intel Core i5/2.6 GHz
- 14" Display; 500 GB HDD; 4GB memory

B. 10 units Geotagging tablet (25,000/unit)

- Model : GTN5120; 16GB/3G; 4G; WIFI; GPS

C. 5 units Computer Desktop with Printer (50,000/unit)

- ASUS Board; Processor Intel i5 Series; 8GB Memory; 1TB Hard disk
- DVD Drive; 21.5" LED Monitor; USB; Mouse; Keyboard;
- ATX Casing; 600watts PSU

D. 1 unit DSLR Camera (30,000/unit)

- N-D3200 DIGITAL SLR BLACK with 18-55mm VR lens
- HD 1080 P; 24 megapixels; 3x Optical Zoom
- LCD screen with all accessories; 3 inches LCD size
- Image record format : JPEG, RAW

E. 1 unit LCD Projector (50,000/unit)

- Device Type : Model - EB - 1751/V11H479040
- Color : Black
- Built-in devices : Speaker
- Brightness : 2600 lumens
- Contrast Ratio : 2100:0
- Resolution : XGA (1024 x 768)
- Native Aspect Ratio : 4:3
- Color support : 1.07 billion colors
- Lamp type : 225 watt
- Speakers : Speaker(s) - integrated
- Dimensions (WxDxH): 11.7 in x 3.2 in x 8 in
- Weight : 5.3 lbs

F. 2 units Aircon (30,000/unit)

- Split Type Super Inverter 1.0HP
- Model No. : KV09WM-ARF21 (KV09OD-ARF21)
- Power Supply : 220-230/1/60
- Cooling Capacity : 9052 btu/h.w
- Power input : 700W
- Energy efficiency ratio: 12.9 btu/h.w
- Warranty period : 1 year parts and services, 5 years compressor

G. 1 units Photocopy Machine (70,000/unit)

- Laser printer; monochrome print color; A3 format; 21ppm in high resolution B&W; 15,000 page monthly volume; 1,350 sheet maximum; fast color scanning; 70 pages document feeder; 18x23x23 hwxwd and 58 lbs. weight

H. 1 unit Stapler (1,000/unit)

- Heavy duty 210 thickening; staple up to 100 sheets; long arm pressing power; exceptional durable all metal die-cast construction

I. 1 unit Binder (20,000/unit)

- No. of holes : 24 hole;
- Paper sizes : short, A4, long sizes
- Maximum punching capacity : 10 sheets
- Maximum binding thickness : 500 sheets

J. 3 units Mobile Printer (15,000/unit)

- Duplex : Manual
- Paper size : A4, B5, A5, Letter, DL Envelope, Com10 Envelope, 3.94"x5.91", 5.12"x7.09", 3.94"x7.09", 7.87"x9.84", Credit card - 2.13"x3.39", 100mmx150mm, 130mmx180mm, 100mmx180mm, 200mmx250mm
- Credit Card - 54mmx86mm
- Sheet Capacity : 100 sheets
- Rated black speed : 20ppm
- Rated colour speed : 14ppm
- Networking : bluetooth

Delivery site : DA-RFO 12, Koronadal City

Delivery period : 30 calendar days

Cost of Bidding Documents : Php5,000.00

11. Upland Rice Seeds - ABC : Php660,000.00

Specifications:

- 40 kilos per bag

12. Various Fertilizers - ABC : Php8,112,000.00

Specifications:

- 780 bags Complete Fertilizer (14-14-14) - 50 kls/bag
- 4,290 bags Urea (46-0-0) - 50 kls/bag
- 320 bags Potash - 50 kls/bag
- 3,150 bags Organic Fertilizer (vermicast) - 50kls/bag

AGRI-PINOY CORN PROGRAM

1. Various Agricultural Supplies - ABC : Php4,534,500.00

Specifications:

- 2,575 packs Bio-N
- 2,075 bags 14-14-14 (complete fertilizer)
- 2045 bags 46-0-0 (urea)
- 45 kgs. Flemingia macrophylla
- 45 kgs. Desmodium rensonii
- 60 liters Glyphosate

The bidding will be conducted through open competitive procedures using a non-discretionary "pass/fail" criterion as specified in the IRR of RA 9184, otherwise known as the "Philippine Government Procurement Act".

Interested bidders may obtain further information from the Department of Agriculture, Regional Field Office No. 12 BAC Secretariat from 8:00am to 5:00pm during working days.

A complete set of bidding documents may be secured by interested bidders from the DA-RFO XII BAC Secretariat Office on **July 22, 2014 to August 4, 2014 at 8:00am - 5:00pm** upon payment of a non-refundable fee.

Pre-bid Conference shall be held on **July 22, 2014 at 09:00am** in the **DA-RFO 12 Conference Room, Zulueta Street, Koronadal City.**

Opening of Bids shall be on **August 5, 2014 at 09:00am** in the **DA-RFO 12 Conference Room, Zulueta Street, Koronadal City.**

Sealed Bids must be delivered/submitted to the DA-RFO 12 BAC Secretariat Office **on or before 09:00am of August 5, 2014;**

Company's representatives must present their **Special Power of Attorney (SPA)** during the opening of the bidding;

Bids shall be accompanied by a bid security either of the following schedule:

- 1. Cash or Cashier's/Manager's check issued by a Universal or Commercial Bank
- 2% of the Approved Budget for the Contract (ABC)**
- 2. Bank Guarantee
- 2% of the Approved Budget for the Contract (ABC)**
- 3. 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 the Approved Budget for the Contract (ABC); or**
- 3. Bid Securing Declaration (duly notarized)**

LATE BIDS WILL NOT BE ACCEPTED.

The Department of Agriculture, Regional Office No. 12, Koronadal City reserves the right to accept or reject any bid, to annul the bidding process, and to waive any minor defects, without thereby incurring any liability to the affected bidder/s and to accept bid as may be considered most advantageous to the government.

JIMMY M. OLIVO, PhD.
BAC Chairman