



Republic of the Philippines
Province of Pampanga

City of San Fernando

Office of the Bids and Awards Committee

REQUEST FOR QUOTATION

(FM-CSFP-CGSO-39; Revision No.03; 04/01/2022)

Project Title : **Supply and Delivery of Shallow Tube Well and Electric Centrifugal Pump to be used for the Irrigation Facilities for 2024 in the City of San Fernando, Pampanga**
Location of the Project : **City Agriculture and Veterinary Office**

Company Name

Date : **May 16, 2024**

PR No. : **2024-05-00890**

Address

Please quote your lowest price on the item/s listed below and submit your quotation duly signed by your representative not later than **Thursday, May 23, 2024 10:00 AM** at **CGSO Building, City Civic Center, Alasas, City of San Fernando, Pampanga**.

Canvassed by:

Approved by:

Lorraine Kate M. Escoto

Engr. Michael N. Quizon, Jr.
BAC Chairperson

- NOTE:
1. ALL ENTRIES MUST BE READABLE
 2. DELIVERY PERIOD WITHIN _____ CALENDAR DAYS
 3. WARRANTY SHALL BE FOR A PERIOD OF SIX (6) MONTHS FOR SUPPLIES & MATERIALS, ONE (1) YEAR FOR EQUIPMENT, FROM DATE OF ACCEPTANCE BY THE PROCURING ENTITY
 4. PRICE VALIDITY SHALL BE FOR A PERIOD OF _____ CALENDAR DAYS

Item No.	Qty	Unit	Item Description	Remarks	Unit Price	Total
1	6	unit(s)	<p>Pump and Engine (STW) with Complete Accessories:</p> <p>a. ENGINE Diesel Engine, Water Cooled Power Req./Rated Power: 8 Hp/2400 rpm (minimum) Fuel Consumption: 3.5 liters/hour (maximum) Four (4) stroke and horizontal cylinder or its equivalent With 2 grooves pulley Manual Cranking AMTEC Tested</p> <p>Other Requirements: Certificate of Conformity of the engine Certificate of Warranty: 1 Year Certificate of After Sales Service Conform to PAES With Reflectorized Sticker (CAVO & CSFP Logo) With basic tools and accessories (2 pcs open wrench; 1 pc adjustable wrench; 1 pc each of flat and philip screddriver) The brand to be offered must be available in the Philippine market for the past 30 years. Availability of spare parts.</p> <p>b. PUMP</p>			



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Item No.	Qty	Unit	Item Description	Remarks	Unit Price	Total
			Centrifugal Pump, non self priming/end suction (4x4) Capacity of atleast 1.1 cu.m per minute at the following conditions: Total dynamic head: 9 meters (minimum) Efficiency: 55% (minimum) Pump speed: 1,800 rpm (minimum) Mechanical seal type with bronze impeller For Impeller: Diameter: 176 mm No. Of Vanes: 8 Type: Closed Suction and discharge nipple adaptor Diameter: 100 mm Type: Threaded (1 end) Casing type: Volute Steel base universally fitted for the water cooled engine and pump Angle bar: Gauge 3 or 1/4 inch Accessories and Fitting: Complete with Pulley (2 grooves) and Belts G.I Elbow - One (1) pc. 4" dia. 90 deg. (standard) G.I Nipple - Two (2) pcs. 4" dia x 0.40 m (threaded both ends) Hose clamp - Four (4) pcs Flexible hose - 4" dia Other Requirements: Certificate of warranty: 1 year Certificate of after sales service Conform to PAES The brand to be offered must be available in the Philippine market for the past 10 years. Availability of spare parts			
2	5	unit(s)	Centrifugal Electric Pump with complete accessories: Electric Motor Coupled to Centrifugal Pump Voltage: 220-240V~60Hz Input power: 2250W(3HP) Max.head: 15M Max.flow: 800L/min Max.suction: 8M Pipe diameter: 3"x3" Copper wire motor Brass impeller			



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Item No.	Qty	Unit	Item Description	Remarks	Unit Price	Total
			1.0 m length cable Accessories: 1 pc. 3"Ø 90" GI Elbow 2 pcs. 3"Ø GI Nipple Flexible Hose 4 pcs. 3"Ø Hose Clamp			
Total Amount:						

After having carefully read and accepted your General Conditions, I quote you on the item at prices noted above.

Printed Name/ Signature

Tel No./ Cellphone No.

Date

TERMS OF REFERENCE

OFFICE: CITY AGRICULTURE AND VETERINARY OFFICE

PROJECT: SUPPLY AND DELIVERY OF SHALLOW TUBE WELL AND ELECTRIC CENTRIFUGAL PUMP TO BE USED FOR THE IRRIGATION FACILITIES FOR 2024 IN THE CITY OF SAN FERNANDO, PAMPAGNGA

DATE: September 2024

Background

Pursuant to Republic Act No. 7160, otherwise known as the “Local Government Code of 1991” and with the implementation of Executive Order No. 138, the City Agriculture and Veterinary Office through its Agricultural Engineering Section will provide small-scale irrigation facilities such as Shallow Tube Well (STW) to farmers to address the growing threats on the impacts of prolonged drought, This facility will be of great help to increase water security and sufficiency of planted crops during dry spell thus supporting the ten-point agenda of the City Mayor focusing on the improvement of quality of lives of every Fernandino through innovative, inclusive and sustainable policies and programs that will increase farm productivity and which will contribute to the attainment of food sufficiency and security, increase farmer’s income and increase the sector’s resilience to climate change.

Objectives

1. Be able to mitigate the effect of changing climate in order to ensure sustainable development, poverty eradication, and safeguarding of economic growth.
2. Be able to improve the socio-economic condition of our people by giving them an opportunity to harvest twice-three times a year.
3. Intensify the cropping system and maximize land use by irrigation.
4. To attain higher yield in crop production in an effective profitable way of farming through the provision of small-scale irrigation facilities and materials.

Approved Budget for the Contract

The Approved Budget for the Contract (ABC) **Eight Hundred Thousand Pesos (P 800,000.00)**, inclusive of all applicable taxes, insurances/bonds, permits, licenses and/or other miscellaneous expenses and cost on the required Procurement of Irrigation Facilities.

Product Description

1. Technical Specifications:

Shallow Tube Well with complete pump sets:

- a. **Engine**

Type: Water Cooled Horizontal Diesel Engine

Number of Cylinders: 1

Bore & Stroke: 82mm x 84mm

Total Displacement (cc): 443

Intake System: Naturally Aspirated

Power Requirement/Rated Power: 8.0 Hp/2400 rpm (minimum)

Cont. Output hp/rpm: 7.0/2200

Fuel Consumption: 3.5 liters/hour
Starting System: Manual Crank Handle

b. Pump

- Centrifugal Pump, non-self-priming/end suction (4"x4")
- Capacity of atleast 1.1 cu.m per minute at the following conditions:
 1. Total dynamic head: 9 meters (minimum)
 2. Efficiency: 55% (minimum)
 3. Pump speed: 1,800 rpm (minimum)
- Mechanical seal type with bronze impeller
- Suction and discharge nipple adaptor
- Steel base universally fitted for water-cooled engine and pump
- Accessories and fittings:
 1. Complete with pulley (2 grooves) and belt
 2. G.I elbow – One (1) pc. 4" dia.
 3. G.I nipple – Two (2) pcs. 4" dia. x 0.40 m (threaded both ends)
 4. Hose clamp – Four (4) pcs.
 5. Nipple adaptor/reducer – Two (2) pcs.
 6. Flexible hose 2" (rubber) – 4" dia.

Other Requirements:

- AMTEC Tested
- Certificate of Warranty: 2 years
- Certificate After Sales Service
- Conform to PAES (Signed and sealed by licensed Agricultural and Biosystem Engineer)
- With reflectorized LGU and CAVO logo sticker, 4" dia.
- With basic tools and accessories (2 pcs open wrench, 1 pc adjustable wrench, 1 pc each of philip and flat screwdriver.
- 100% availability of stocks during Post Qualification
- The brand to be offered must be available in the Philippine market for the last 35 years
- Availability of spare parts

Centrifugal Electric Pump with complete accessories:

Electric Motor Coupled to Centrifugal Pump

Voltage: 220-240V~60Hz
Input power: 2250W(3HP)
Max.head: 15M
Max.flow: 800L/min
Max.suction: 8M
Pipe diameter: 3"x3"
Copper wire motor
Brass impeller
1.0 m length cable

Accessories:

1 pc. 3"Ø 90° GI Elbow
2 pcs. 3"Ø GI Nipple
Flexible Hose
4 pcs. 3"Ø Hose Clamp

2. Additional Value-Added Services (Free of Charge):

- One (1) year Customer Service Agreement which are composed of:
- Two (2) times Technical Analysis 1 (Visual Inspection)
 - ✓ Technical Analysis Level 1 (TA1). This is a detailed inspection of the entire engine/equipment offered to determine if each system is functioning within acceptable standards.
 - ✓ Technical Analysis Level 2 (TA2) - This will involve running the engine/equipment offered with load and a system-by-system check-up using the standard diagnostic instruments.

3. The following shall be included in the inspection:

- Cooling System
- Fuel system pressure test
- Lubrication system pressure test

4. Other Services:

- Testing and Commissioning of unit on-site.
- Operation and Maintenance Training.
- Preventive Maintenance Service (PMS)
- Change Oil and filters
- Extract Oil Sample
- Lubricate Grease Fittings

5. BIDDER'S QUALIFICATIONS:

- Preferably with 5 years industry experience in the supply of engine/equipment offered.
- Must secure the necessary Permits and Licenses for the permissible operation of the engine/equipment offered. (National/Local/Barangay/DENR, etc.)
- With Certificate of Very Satisfactorily Performance in terms of STW performance, durability and availability of spare parts and service and timely delivery of the same machineries being offered from previous completed contracts duly issued and signed by the current head of the Agency/Company within the last one (1) year with required address and telephone numbers.
- With National Agricultural and Fisheries Machinery Assemblers, Distributors and Dealers Accreditation and Classification (NAMDAC) Certification for the Bidder, for the Importer/manufacturer and for the Distributor
- With valid Certificate issued by Local Manufacturer/Distributorship/ Authority to Sell the Machine and commitment to Supply directly or indirectly
- With Valid Certificate of Dealership/Distributor /Authority to Sell and Commitment to Supply directly or indirectly issued by the manufacturer to the bidder

6. Installation, Testing and Commissioning

- The engine offered should be tested by operating it continuously at a minimum of 1 hours but not to exceed 4 hours
- Provide supply of fuel to the engine offered during the entire duration of testing (free of charge)
- On-site commissioning and testing of the unit. Testing and commissioning shall be conducted by the supplier's technical representatives and must be witnessed by the CAVO authorized/designated representatives

7. Terms and Conditions

- The procuring entity shall impose penalty of 1/10 of 1% of the total value of the undelivered order for each day of delay as liquidated damages after the specified allowable number of days to deliver the unit/items.

- Non-availability of stock/item shall be made known to the procuring entity before the acceptance of the NTP.
- The CAVO shall have the right to reject and return the items and cancel the corresponding Contract if goods delivered are defective, incomplete or non-compliant to the specifications herein specified.
- Deliveries should be made within office hours and on regular working days on or before the stipulated date in the PO unless otherwise specified for valid reason why the same cannot be complied with.
- The Bidder is responsible for the payment to the Registration of Machinery impose by the city.

8. Warranty

- The engine/equipment offered shall carry a one (1) year or twelve (12) months warranty on parts and services or 1500 hours of operation whichever comes first, commencing on the date of commissioning, against factory defects under normal operating conditions.


9. Delivery

- The engine offered including all items and its accessories must be delivered within thirty (30) calendar days after receipt of the Notice to Proceed (NTP).
- Exact Date of Expected Delivery is on September 2024.
- After Sales Service and Support during the warranty period, all reported defects shall be completely/satisfactorily repaired/replaced by the winning bidder/supplier within 72 hours after receipt of a verbal and/or written notice from the procuring entity.

10. Payment Terms

- The payment shall be done within fifteen (15) working days upon submission of complete documents including, delivery, installation, testing, commissioning and upon issuance of Inspection and Acceptance Report by the authorized/designated representatives of CAVO subject to performance security retention.

Prepared and Submitted by:


CRISTINA A. SANGUMAY, Ph.D.
 City Agriculturist

CONFORME:

 Signature over Printed Name

 Date

Note: This TOR shall form part of the Contract and should be strictly followed by both parties otherwise, the implementation of the project/program might be affected as well as the performance of the supplier/contractor.