

## TECHNICAL SPECIFICATIONS

### PUMP & ENGINE SET

1. Brand New
2. Pump

Type and Size: Centrifugal

Single-end suction

Self-priming

100x100mm

Semi-open (impeller)

Total Head: 20 meters (minimum)

Discharge Capacity: 15 li/sec (minimum)

Shall conform to PAES 114:2000, Centrifugal Pump

With set of manufacturer's standard tools required for maintenance

3. Engine (Prime Mover)

Brand New

7 hp, minimum

Water-cooled/air-cooled gasoline or diesel engine, single-cylinder, four-stroke cycle

Shall conform to PAES 116:2001, Small Engine

4. Accessories

Steel base with handle

4 inches (diameter) elbow with hose adaptor

3x2B pulley

2 pcs B-size belts

Hose adaptor (4 inches diameter)

30 meters flexible hose (4)

Suction strainer (4 inches diameter)

3 pcs hose clamps

### Additional Requirements:

1. With AMTEC test result  
Individual - Engine  
Individual - Pump
2. With reflectorized DA Western Visayas logo (minimum of 6" diameter)
3. Warranty period: 1 year from the date of acceptance of the recipient/beneficiary
4. Service center must conform to PAES 138:2004 and should have an available spare parts and technician within region 6
5. Must have a valid Certificate of Accreditation from National Agricultural and Fisheries Machinery Assemblers, Manufacturers, Importers, Distributors and Dealers Accreditation and Classification (NAMDAC) Board
6. Must have a valid Permit to Operate (PTO)
7. Must have a valid Certificate of Conformity (CC) for the engine offered

**Cost per unit: Php 110,000.00**

Prepared by:

  
**CLARK IAN G. SAMSOLIS, ABE**  
PPMS Head/Engineer III

Reviewed/Submitted by:

  
**MOISES D. MANA-AY, ABE, MEE**  
Chief, RAED

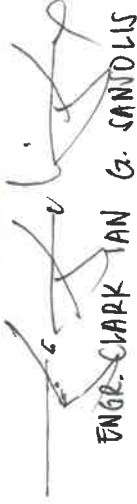
Recommending Approval:

  
**ENGR. JOSE ALBERT A. BARROGO**  
RTD for Operations and Extension

Approved by:

  
**DENNIS R. ARPJA**  
Regional Executive Director

**Certified Machine Copy**

  
**ENGR. CLARK IAN G. SAMSOLIS**