

## TECHNICAL SPECIFICATIONS

### HAND TRACTOR

1. Brand New
2. Axle: Hexagonal or Circular
  - Plowing capacity, single pass 1.0 ha/day (minimum)
  - Provision of earmuffs or any ear protective device is mandated when the noise level exceeds the minimum requirement
  - With set of manufacturer's standard tools required for maintenance
  - Shall conform to PNS/PABES 345:2022, Walking-type Agricultural Tractor (Pull-type)
3. Prime Mover:
  - Brand New
  - 7.0 Hp (minimum), water-cooled/air-cooled, diesel/gasoline engine, direct-injection, single-cylinder, four-stroke cycle
  - Shall conform to PAES 116:2001, Small Engine
4. With implements one (1) unit each:
  - Disc plow (2 disc), minimum
  - Comb harrow
  - Moldboard-type side plow
  - Leveler
5. With cage wheel and brand new pneumatic tires
6. With trailer one (1) ton capacity with Leaf Spring/Coil Spring Suspension and brand new tires

#### Additional Requirements:

1. With AMTEC Test results for hand tractor and engine
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 valid Permit to Operate (PTO)
7. Must have a valid Certificate of Conformity (CC) for the engine offered

**Cost per unit: Php150,000.00**

Prepared by:

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


Reviewed/Submitted by:

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

Recommending Approval:

Approved by:

**Certified Machine Copy**

  
**NICOLE UMEY N. BUHAT, ABE**  
Engineer III