Ref: BAIF/CRS/2026-27/Oct/03 Date: 23/10/2026

INVITATION FOR QUOTATIONS - MONTRA ELECTRIC E-45 (2WD) ELECTRIC TRACTOR

BAIF CENTRAL RESEARCH STATION, URULI KANCHAN

1) This procurement /service order will be carried out through e-TENDER ENQUIRY on behalf of the President of BAIF.

2) Address for physical submission / E-mail (crspurchasequote@baif.org.in) of the quotation in a sealed envelope:

BAIF DEVELOPMENT RESEARCH FOUNDATION
Central Research Station, Kamdhenu Nagar
Uruli Kanchan, Tal Haveli, Dist Pune 412202, Maharashtra

3) Contact Number: 9423926073 / 9423926074 / 9421989098

4) Required quantities and technical specifications of:

PERFORMANCE

- Motor: PMSM
- Continuous Power: 30 kW
- Peak Power: 60 kW
- Maximum Torque: 186 Nm
- Maximum Speed: 28 km/h
- Load-Pulling Capacity: 12 tonnes, including payload

BATTERY & CHARGING

- Battery Type: 70 kWh LFP Prismatic
- Fast Charging: 30 kW CCS2 Charger
- Approximate Charging Time: 2.5 hours
- Claimed Range: Up to 80 km per charge at maximum payload
- Battery Warranty: 5 years / 3,500 cycles

TRANSMISSION & DRIVE

- Drive System: 2WD
- Transmission: 8 Forward + 2 Reverse
- Brakes: Wet Brakes
- Clutch: Dual Dry Clutch
- Steering: Power Steering
- Front Tyres: 5.5F × 16
- Rear Tyres: W12 × 28
- Tyre Brand: MRF
- Wheelbase: 2,050 mm
- Turning Radius: 3,000 mm

PTO & HYDRAULICS

- PTO Power: 21.5 kW
- PTO Speed: 540 RPM
- Hydraulic Lift Capacity: Approximately 1,200 kg
- Hydraulic Pressure: 190 bar

- Hydraulic Pump Flow: 20 LPM

SMART FEATURES

- 4-inch LCD Instrument Cluster
- GPS Enabled
- Montra IoT Connectivity
- LED Lighting
- IP67 Rating
- Amphenol Connectors

WARRANTY

- Vehicle & Motor: 3 Years
- Battery: 5 Years / 3,500 Cycles
- Charger: 1 Year

5) Date for submission of sealed / Mail quotation: on or before 29th October, 2026.

6) Buyer reserves the right to amend, withdraw or allot the tender for supply of required materials based on the L1 and adhesion to quality criteria.

7) Required Documents: PAN No., GST No., MSME Certificate (if available)

8) Location of installation: At Post Uruli Kanchan, Taluka Haveli, Dist. Pune 412202

Research Director and CRS Campus In-Charge
BAIF CRS, Uruli Kanchan, Pune