

Scope of Work (SOW) for Forklift Procurement Project

1. Equipment Supply Requirements

3.1. Forklift Models and Quantities

Supply 8 forklifts as specified:

• 16T Diesel Forklift: 1 unit

• 7T Diesel Forklift: 1 unit

• 5T Diesel Forklift: 3 units

• 2.5T Diesel Forklift: 2 units

• 2.5T Electric High-Reach Forklift: 1 unit

3.2. Technical Compliance

All equipment must meet the following standards and specifications as outlined in the technical documents:

Core Parameters:

- 16T Diesel Forklift: Rated capacity ≥16,000kg; maximum lift height 4.5-5.0m; ROPS/FOPS
 Level II cabin (AS 2294.1); automatic fire suppression system (AS 5062:2022).
- 2.5T Electric High-Reach Forklift: Maximum lift height ≥12m; lithium battery runtime ≥8 hours/charge; protection rating ≥IP54.
- 5T Diesel Forklift: Loaded gradeability ≥25% (per Attachment_I_CORP-AD-FRM-1029_8).
- Other models: Comply with parameters specified in their respective technical sheets (7T: Attachment_I_CORP-AD-FRM-1029_6; 2.5T Diesel: Attachment_I_CORP-AD-FRM-1029_7).

Certifications:

Contract No.: P2-G1008 Supply of Forklift Page 1 of 3



- DMIRS registration (Australia);
- Tier 4 Final engine emission certification;
- ROPS/FOPS certification (AS 2294.1);
- EnergySafety WA approval for electric forklift batteries.

2. Delivery and Logistics

- Packaging: Corrosion-resistant packaging per AS 4312:2008, with clear marking of model, serial number, and lifting points.
- Transportation: Arrange delivery to Karara Mine Site, including sea freight, customs clearance, and inland transport. Provide Main Roads WA oversize permits if required.
- Delivery Scope: Include all units, random accessories, and a complete delivery checklist (per Attachment G_Pricing_Schedule_Forklifts).

3. Installation and Acceptance

3.1. Commissioning

On-site debugging to ensure:

- Diesel forklifts: Fuel/hydraulic systems function per specifications;
- Electric forklifts: Battery activation, charging system calibration, and stable operation at maximum lift height;
- Safety devices (360° cameras, radar sensors): Calibrated to detection ranges (≥3m for standard models; ≥5m for 16T).

3.2. Acceptance Tests

- FAT (Factory Acceptance Test): Conduct tipping load test (ISO 14397-1) and hydraulic pressure test (≥110% of design pressure).
- SAT (Site Acceptance Test): 72-hour continuous operation with ≤1 failure; test data to be documented and signed by both parties.

4. Documentation and Training

4.1. Technical Documents

Contract No.: P2-G1008 Supply of Forklift Page 2 of 3



Submit:

- Bilingual (English/Chinese) operation and maintenance manuals (including high-dust environment guidelines);
- Electrical schematics (with Western Power compliance seal);
- Spare parts list with recommended replacement cycles (per 2-year maintenance needs).

4.2. Training

Provide 2 on-site training sessions for operators covering:

- Safe operation (including ROPS/FOPS usage);
- Daily inspection (filter replacement, oil level checks);
- Battery maintenance (for electric models).

Contract No.: P2-G1008 Supply of Forklift Page **3** of **3**