# Section 7. Technical Specifications

The Goods and Related Services shall comply with following Technical Specifications:

**For Goods:**

| **Sl. No** | **Description** | **APSCL Requirement** |
| --- | --- | --- |
| 01 | Name of Equipment | Self-Propelled Articulating Boom Lift |
| 02 | Manufacturer | Nifty or Equivalent  |
| 03 | Country of Origin | G-7 / EU |
| 04 | Model/Type Number | Niftylift HR 17 4×4 Hybrid or, Equivalent |
| 05 | Working Height | 17.2 m (56 ft 6 in) or more.  |
| 06 | Working outreach | Approx. 9.4 m (31 ft)  |
| 07 | Platform height  | Approx. 15.2 m (50 ft) |
| 08 | Machine Height  | Approx. 2.1 m (6 ft 11 in) |
| 09 | Machine Length  | Approx. 6.35 m (20 ft 10 in) |
| 10 | Transport Length:  | Approx. 4.8 m (15 ft 9 in) |
| 11 | Machine Width:  | Approx. 2 m (6 ft 7 in) |
| 12 | Travel speed  | 6 km/h (3.7 mph)  |
| 13 | Gradeability | 45% (24°) |
| 14 | Turning radius:  | Approx. 3.7 m (12 ft 2 in) |
| 15 | Weight:  | To be filled.  |
| 16 | Fly Boom Arc | 150° |
| 17 | Cage Rotation | 180 ° |
| 18 | Cage Size | Approx. 1.8 m (5ft 11 in) |
| 19 | Safe working load  | 225 kg (500 lbs) or more |
| 20 | Power Options  | Battery and Diesel (both) |

**For Related Service:** N/A

N.B.

1. During the delivery of item, necessary accessories as well as Operation & Service manual of the Boom Lift should be provided.
2. One day local training for boom lift operation should be provided to the Operators of APSCL.