**ANNEXURE A**

**RFP 13/2015**

**SARS TECHNICAL CRITERIA**

|  |  |
| --- | --- |
| **FORKLIFTS EVALUATION CRITERIA** | |
| 1. **Forklift Characteristics**  * **Forklift Power Source (Electric)** * **Operator type/position (Standing)** * **Load Capacity (2000kg)** | **15** |
| 1. **Forklift dimensions**  * **Height with Mast lowered (between 2.0 meters to 2.7 meters)** * **Lift Height (5 meters minimum)** * **Overall height with mast raised ( between 4 meters and 7 meters)** * **Working Aisle with 1000x1200m pallet (2.7 meters maximum)** * **Turning Circle radius (1.9 meters maximum)** | **30** |
| 1. **Forklift performance**  * **Travel Speed without load (between 6km/h and 9km/h)** * **Travel Speed with load (between 5km/h and 7km/h)** * **Lifting speed without load ( 0.20 - 0.40 meters per second)** * **Lifting speed with load ( 0.08 - 0.15 meters per second)** * **Lowering speed without load ( 0.30 - 0.40 meters per second)** * **Lowering speed with load ( 0.40 - 0.45 meters per second)** * **Maximum grade ability with load (>12%)** * **Monthly Utilisation Hours (100hrs minimum)** | **16** |
| 1. **Warranty and Maintenance**  * **Proof of warranty** * **Maintenance / Service plan to be provided with purchase of forklift (including spares)** | **10** |
| 1. **Other requirements**  * **Noise levels at driver's ear (70dB(A) maximum)** * **Battery Charge Point (supplied and installed)** * **Additional Battery (1 additional battery supplied)** * **Tyre type (Cushion tyres)** * **Service Brakes (Electric)** * **Drivers to be trained and certified by service provider(included as part of purchase contract)** * **Buy back option (service provider to include buy back option after agreed operational hours)** | **29** |
| **Total points** | **100** |