

Appendix G2

Quality and Technical evaluation - FLT 38 TON

The Quality and Technical evaluation of each Technical Proposal will be made according to the following detailed list and values:

Total evaluation score - FLT 38 TON				
	1	Operational checking		40%
	1.1	Capacities		30%
+	1.1.1	Lift height (T.O.F)	20%	
+	1.1.2	Forward tilt angle	15%	
+	1.1.3	Backward tilt angle	15%	
+	1.1.4	Drawbar pull with load	25%	
+	1.1.5	Gradeability with load (38 ton)	25%	
	1.2	Performance		45%
-	1.2.1	Turning radius – in	10%	
-	1.2.2	Turning radius – out	10%	
+	1.2.3	Top travel speed without load	13%	
+	1.2.4	Top travel speed with load	13%	
+	1.2.5	Lift speed with load	12%	
+	1.2.6	Lift speed without load	10%	
+	1.2.7	Lowering speed without load	12%	
+	1.2.8	Lowering speed with load	10%	
+	1.2.9	Compliance with ISR's technical specification & general impression	10%	
	1.3	Driver cab		25%
-	1.3.1	Sound level with closed windows	30%	
-	1.3.2	External sound level	15%	
+	1.3.3	Cooling capacity - air conditioning	20%	
+	1.3.4	Driver's seat height	15%	
+	1.3.5	Compliance with ISR's technical specification	20%	
	2	Technical checking		40%
	2.1	Structure design		20%
+	2.1.1	FLT weight	10%	
-	2.1.2	Ration weight on drive axle – with load (50%)	5%	
+	2.1.3	Ration weight on steer axle – with load (50%)	5%	
-	2.1.4	FLT length	10%	
+	2.1.5	Wheelbase	10%	
+	2.1.6	Forward Static stability factor with 38 ton	15%	
+	2.1.7	Air inlet heights	5%	
+	2.1.8	Coolant capacity - engine cooling	10%	
+	2.1.9	Fuel tank capacity	10%	
+	2.1.10	AdBlue volume	5%	
+	2.1.11	Compliance with ISR's technical specification.	15%	

note:

(-) The lowest parameter will receive 100%, and the other parameters will be graded respectively.

(+) The highest parameter will receive 100%, and the other parameters will be graded respectively.

	2.2	Engine		15%
+	2.2.1	Manufacturer & model	15%	
+	2.2.2	Power output net	30%	
+	2.2.3	Torque output	30%	
+	2.2.4	Compliance with ISR's technical specification.	25%	
	2.3	Travel (Drive line) system		15%
+	2.3.1	Transmission (manufacturer & model)	10%	
+	2.3.1.1	Manufacturer	6%	
+	2.3.1.2	Model	4%	
+	2.3.2	Input power [kw]	20%	
+	2.3.3	Weight Without Oil	5%	
+	2.3.4	Rear axle manufacturer & model	10%	
+	2.3.5	Rear axle ratio (static) = rated load/actual load	10%	
+	2.3.6	Front axle manufacturer & model	10%	
+	2.3.7	Front axle ratio (static) = rated load/actual load	10%	
+	2.3.8	Tires – max loading capacity	5%	
+	2.3.9	Compliance with ISR's technical specification.	20%	
	2.4	Electrical system		15%
+	2.4.1	Alternator manufacturer	20%	
+	2.4.2	Alternator rating [Amp.]	25%	
+	2.4.3	Maintenance free battery	10%	
+	2.4.4	Battery capacity	10%	
+	2.4.5	CAN-BUS system	10%	
+	2.4.6	Compliance with ISR's technical specification.	25%	
	2.5	Mast		15%
+	2.5.1	Weight (inner and outer mast)	25%	
+	2.5.2	Inside Width (max)	25%	
+	2.5.3	Overlapping at max. extended height	25%	
+	2.5.4	Compliance with ISR's technical specification.	25%	
	2.6	Carriage		10%
+	2.6.1	Weight	10%	
+	2.6.2	Width	10%	
-	2.6.3	Forks fully close – Distance between the forks <u>in to in</u>	10%	
+	2.6.3.1	Side shift - forks fully close	10%	
+	2.6.4	Forks fully open – Distance between the forks <u>in to in</u>	15%	
+	2.6.4.1	Side shift - Forks fully open	10%	
+	2.6.5	Compliance with ISR's technical specification.	35%	
	2.7	Maintenance		10%
	2.7.1	Oil changing frequency:		
+	2.7.1.1	Engine oil	13%	

note:

(-) The lowest parameter will receive 100%, and the other parameters will be graded respectively.

(+) The highest parameter will receive 100%, and the other parameters will be graded respectively.

+	2.7.1.2	Transmission oil	13%
+	2.7.1.3	Hydraulic oil	12%
	2.7.2	Filters changing frequency:	
+	2.7.2.1	Engine oil filter	13%
+	2.7.2.2	Transmission oil filter	13%
+	2.7.2.3	Hydraulic oil filter	12%
+	2.7.3	Compliance with ISR's technical specification.	24%
+	3	ISR's previous experience in operating forklifts supplied by the Bidder. Scoring under this section shall be as follows: <u>Forklifts from a manufacturer with experience</u> will be scored between 0% – 100%. The score will be given by operators from Israel Railways. 1.1. Operational evaluation will be conducted by at least 3 operators. <u>Forklifts from a manufacturer without experience</u> shall be scored between 0% – 100%. The score shall be given by local references in Israel and/or Europe submitted by the bidders in the tender documents – List of References, Appendix M1-M2. Accordingly, reference forms shall be sent for completion regarding experience and operational opinion – Appendix K1-K2. A summary report will be presented to the technical committee forum for scoring and final approval. 2.1. At least 3 references/operators must provide operational opinions. 2.2. The <u>summary</u> report shall be an average of the reports submitted. 2.3. A report that is not filled out or is submitted improperly will receive a score of 0% or any other score at the discretion of the technical committee.	15%
	4	Number of forklifts with lifting capacity between 36-48 tons including both limits manufactured and/or supplied by the Bidder from January 1, 2021 up to the final submission date (about the last 5 1/2 years (2021–2026)). Note - Scoring shall be awarded according to the following: 1–100 units manufactured and/or supplied → 2 points 101–200 units manufactured and/or supplied → 3 points 201–300 units manufactured and/or supplied → 5 points	5%

Service Evaluation - Previous experience with the service station in Israel

+	1	Israel Railways' previous experience with the Bidder's service facilities in <u>Israel</u>. The Scoring under this section shall be as follows: 1. Service companies with experience shall be scored between 0% to 100% . The score shall be given by Israel Railways terminal employees in a technical committee forum which will provide and approve a final score. 1.1. A technical opinion regarding the service companies and the actual service shall be given by at least three (3) managers who work directly with the service companies. 2. Service companies without prior experience shall be scored between <u>0% to 100%</u>. The score will be given by references submitted by Bidders in the tender documents – List of References, Appendix M1-M2 and M3. Accordingly, technical forms shall be sent to references for completion regarding service experience and/or actual service provision – Appendix L. A summary report will be presented to the technical committee forum for final scoring and approval. 2.1. Opinions must be given by at least 3 references. 2.2. The summary report shall be an average of the reports submitted. 2.3. A report that is not filled out or is submitted improperly shall receive a score of 0% or any other score at the discretion of the technical committee	100%
---	---	--	------

notes:

(-) The lowest parameter will receive 100%, and the other parameters will be graded respectively.

(+) The highest parameter will receive 100%, and the other parameters will be graded respectively.

For the avoidance of doubt, it is hereby clarified that the minimum passing score for both the Quality and Technical Evaluation and the Service Evaluation shall be seventy-five percent (75%) out of a maximum score of one hundred percent (100%).