TEXTTOCAD
TEACHING AI TO MAKE THINGS

ROADSTER ROCKET · C6I / V1 · DEV52-S1-BENCH-01

RFQ for the Tesla Roadster Rocket S1 dry-air station

2026-11-25 · Revision 01
Editable text and PDF for the supplier.

Fields to complete

Before submission, enter the customer and site, delivery city and country, electrical supply, responsible contact and requested reply date. Agree initial vessel state, permissible windows and the requested AIR quality separately.

Supply scope

Please quote one S1 station with one BAUER PE 500-VE precompressor (420 bar catalogue variant) and two alternatives. Option A uses Haskel Q45-45 or a validated equivalent. Option B uses a Maximator EHB configuration approved for dry AIR. Quote the options separately. Confirm the current Q45-45 part number and availability. BAUER may propose a justified industrial equivalent.

Duty-point guarantees

Confirm dry-air compatibility for each proposed build, including materials and seals. Provide separate T400 and T200 duty maps with absolute or gauge pressure reference, inlet and outlet P/T windows, duty limits and flow across the full refill, including the upper end. The target for each cycle is a mean delivered rate of at least 0.45 kg/min after allowing for uncertainty. State the guaranteed end-of-fill rate separately, its conditions and inputs, derating, and recovery intervals. List missing data for agreement and identify the guarantees you can already provide. Define the reference conditions for any normalised flow units.

Integration, service life and acceptance

Provide the supply boundary and interface diagram, drying and filtration scope, guaranteed air quality and measurement method, cooling requirements, electrical supply, heat rejection and ventilation. State installed, peak and mean power, starting kVA/current, energy by duty, and buffer boundary and recovery. Provide the basis for vessel, interfaces and protection suitability, documentation for the installation site, warranty, service intervals and consumables. Quote factory and site testing with three consecutive cycles per branch and access to raw traces.

Commercial quotation

Itemise part numbers and prices for BAUER, booster, cooling, drying, instrumentation, controls, guarding, installation, training and acceptance. State currency, tax, freight and delivery terms, manufacturing and commissioning lead times, quote validity, scheduled service cost and exclusions. Identify the accountable integrator and distinguish committed guarantees from items requiring agreement.

Model duty points for sizing

Series	AIR mass, kg	Model, MPa abs	Delivery / ready, min	Mains energy, kWh
T400 × 3	88.113	30.00	195.8 / 220.8	28.82
T200 × 3	33.398	68.95	74.2 / 99.2	14.65

The pressures and model references are for equipment selection. Please confirm the actual duty points and give the scope of your offer.