# Specification

1. **Subject of performance**
   Suppply of compact pump light source for the near infrared (NIR).

2. **Place of performance**
   Max-Born-Institut, Max-Born-Str. 2a, D-12489 Berlin-Adlershof, Germany

3. **Scope of supply and services**
   - Emission wavelength: (980.5 +/- 0.5) nm, spektral width: ~ 2 nm (FWHM);
   - Beam quality: $M^2 < 1.1$;
   - >100:1 linear polarized;
   - Optical output power at least 5 W, preferred 10 W;
   - Power stability better  0.5 % average over time intervals > 1 µs;
   - compact, low-maintenance design;
   - optionally: Changing the wavelength to 976 nm by minor modifications of the system is desirable.

4. **Basic conditions to be considered**
   Delivery: December 2019

5. **Minimum technical requirements *)**
   see 3

6. **On-site Service *)**
   no

7. **Training*)**
   no

8. This description of performance can not be described clearly and exhaustively in terms of type and scope. This can lead to changes in the course of the procedure.

**The requirements marked with *) represent minimum requirements and must be strictly adhered to. If one of the listed minimum requirements is not met, the offer is excluded.**