

# Questionnaire – Faraday Isolators

Company Name: \_\_\_\_\_

Name of Research Lab: \_\_\_\_\_

Person of Contact: \_\_\_\_\_

Phone Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

| 1. Laser Pulse Parameter at Location of Faraday Isolator <sup>1)</sup> |          |  |
|--|----------|--|
| 1.1 Wavelength /   | [nm]     |  |
| 1.2 Type of Laser  |          |  |
| 1.3 Beam Diameter, $1/e^2$   | [mm]     |  |
| 1.4 CW / Pulsed  | Yes / No |  |
| 1.5 Laser Pulse Energy   | [mJ]     |  |
| 1.6 Laser Pulse Duration   | [ps]     |  |
| 1.7 Repetition Rate  | [Hz]     |  |

| 2. Type of Faraday Isolator  |      |  |
|------------------------------|------|--|
| 2.1 Hard Aperture            | [mm] |  |
| 2.2 Transmission             | [%]  |  |
| 2.3 Extinction <sup>1)</sup> | [dB] |  |

<sup>1)</sup> single stage: > 30 dB, typically 35 - 42 dB  
two stage: > 60 dB

| 3. Estimate of Number of Units |              |                     |
|--------------------------------|--------------|---------------------|
| Probability of Realization     | [%]          |                     |
| Year                           | No. of Units | Target Price / Unit |
|                                |              |                     |
|                                |              |                     |
|                                |              |                     |