oPTICAL DESIGN service TEMPLATE

## This is just an initial document designed to help you provide the information needed to start an optical design project so we can start looking at the feasibility.

## If you don’t know the answer to some of the questions or they are not relevant it is no problem we can work with you to answer them.

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| Brief description of what you are trying to achieve |
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| Optical requirements |
| Wavelength used at *visible, infrared etc* |  |
| Working distance |  |
| Focal length |  |
| Field of view needed |  |
| Resolution needed |  |

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| Camera sensor specification |
| Model of camera you want to use |  |
| Sensor size |  |
| Pixel size |  |
| Is it colour or monochrome? |  |

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| Physical and metalwork requirements |
| What is the total track length it needs to fit in  |  |
| What is the maximum diameter the assembly can be |  |
| Are there additional mounting points the assembly will need? |  |
| Is there a weight limit? |  |
| Is there a camera mount that you want to attach it to for example a c mount? |  |

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| Economic requirements |
| Is this a one-off project or is it seen as a starting point for production? |  |
| If it is production do you have an estimate of what your annual requirement or standard batch size you will need? |  |

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| Any other points here that you think are important that are not covered |
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