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| Project Title |  |
| Proposing PI or PIs, Date |  |
| Impact Research Directions |  |
| LIF capability and design parameters |  |
| Core user group and usage |  |
| Starting and delivery time table (estimation) |  |
| Accessories, operation budget after initial setup |  |
| Hazardous, Safety  |  |
| Lab space requirements |  |
| Supporting Specialist / Engineer requirements |  |
| Comparison with similar LIF in other institutions |  |
| Vendor contact information |  |
| Budget and Quotation |  |

\* Duty for LIF initiators/manager includes (but not limited to):

1) make the LIF full time available for core users and general HPSTAR users;

2) share at least 25% to general users or anytime LIF is available;

3) 25% time shall be evenly distributed year round to let others have access;

4) provide a formal standard operation procedure (SOP);

5) Train all new users to be familiar with the LIF to allow them operate alone;

6) Maintain the LIF in operational mode;

7) Arrange the LIF usage record and sign-in log book to track the status

Evaluation from ERT members

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| Scientific justification |  |
| Experimental feasibility |  |
| Budget justification |  |
| Hazardous Safety justification |  |
| Overall recommendation |  |
| Evaluator, date |  |