

## **Attachment 1**

### **Contents of Lol**

#### **I. Lol for “Full-spec instrument” or “ for Test or development of an instrument or devices”**

Each Lol must contain, at a minimum, the items listed below. The length of Lol need be 10 pages or less in A4 sheet.

- 1) Title of the proposal
- 2) Instrument category  
(a) Full-spec instrument, or (b) Test or development of an instrument or devices for test and development)
- 3) Short explanation of the proposal
- 4) Name of the instrument or devices.
- 5) Spokesperson(s) and/or Contact Person(s) (name, title, affiliation, address, telephone number, fax number, and e-mail address).
- 6) Group constitution and each member's role
- 7) Outline of proposed research  
(a) Research plan, Scientific significance, Social significance, innovativeness uniqueness and so on must be described.
- 8) Short explanation of the proposed instrument.  
Anticipated performance, innovativeness, uniqueness, unique use of pulsed beam  
and so on must be described.
- 9) Specifications of the proposed instrument.  
Figures or drawings showing the concept of the instrument must be attached. Identify needed budget to build the instrument, approximate dimensions and weights of the instrument, the type of the moderator to be used (a cold moderator, a decoupled poisoned cold moderator or a decoupled cold moderator), requirements to get license of regulations such as treatment of high pressurized gas etc., possibility of additional construction outside of MLF building and so on.
- 10) Desired neutron beam port to set the proposed instrument with reasons.
- 11) Inevitability of the instrument to be an "exclusive-use neutron beam facility" (for an "exclusive-use neutron beam facility" only)
- 12) Planned yearly construction schedule of the instrument and yearly research plan.
- 13) Possibility of funding for instrument construction and research grant together with an expected manpower.
- 14) Desired duration of proposed instrument for its occupation of assigned beam port and yearly fraction of beam time for proposed program.
- 15) Other useful information, such as commitments to other proposals, etc.
- 16) List of research records of proposer and group member such as publications list.
- 17) Requests to J-PARC Center

## **II. Lol for an idea of innovative instruments/devices**

Each Lol must contain, at a minimum, the items listed below. Each Lols must contain, at a minimum, the items listed below. The length of Lol need be 8 pages or less in A4 sheet.

- 1) Title of the proposal
- 2) Instrument category ((c) idea of innovative instruments/devices )
- 3) Short explanation of the proposal
- 4) Name of the instrument
- 5) Spokesperson(s) and/or Contact Person(s) (name, title, affiliation, address, telephone number, fax number, and e-mail address).
- 6) Group constitution and each member's role
- 7) Outline of proposed research
  - (a) Short explanation of ideas of innovative instruments/devices or principle of neutron spectroscopy, Scientific significance, Social merit, innovativeness uniqueness, necessity of pulsed neutron and so on must be described.
  - (b) Figures showing ideas are asked to be attached as much as possible. If possible, identify approximate dimensions and weights of the instrument, identify the type of the moderator to be used (a cold moderator, a decoupled poisoned cold moderator or a decoupled cold moderator). requirements to get license of regulations such as treatment of high pressurized gas etc., possibility of additional construction outside of MLF building and so on.
- 8) List of research records of proposer and group member such as publications list.
- 9) Requests to J-PARC Center