** PROPOSAL COVER SHEET**

V4.0

Cycle 7 Call for Proposals: LWA1 Radio Observatory

Submit to: lwa@unm.edu by November 8, 2018

Project title:

Project Summary (please do not write beyond this space):

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|  |

Project Investigators:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Affiliation | Email |
| PI |  |  |  |
| Co-I |  |  |  |
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PI Contact Information

|  |  |
| --- | --- |
| Mailing address: |  |
|  |  |
|  |  |
| Phone number: |  |

Modes/backends requested (include all that apply):

LWA1 LWA-SV  Interferometer mode

TBN  TBW/TBF  DR Spectrometer  DRX  PASI

Special requirements (e.g. external trigger, outrigger dipole – describe use):

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| --- |
|  |

Observing Request Information:

|  |  |
| --- | --- |
| Time total (hours): |  |
| Repeated observations: length of each block (hours): |  |
| frequency of blocks (or when): |  |
| Restrictions in observing time (time of day): |  |
| Restrictions in observing time (time of year): |  |

Observational Details:

*Please give center frequencies (*ν1, ν2) *and corresponding bandwidth (BW) for each source. If more pointing positions are required, please attach a separate sheet with all details.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Source 1** | | **Beam 1** | | | **Beam 2** | | **Beam 3**  (*LWA1 only)* | | **Beam 4**  (*LWA1 only)* | | **TBN** | |
| Name |  | (MHz) | | | (MHz) | | (MHz) | | (MHz) | | (MHz) | |
| RA  (hh.h) |  | ν1 |  | | ν1 |  | ν1 |  | ν1 |  | ν1 |  |
| Dec  (dd.d) |  | BW |  | | BW |  | BW |  | BW |  | BW |  |
| LST beg (hh.h) |  | ν2 |  | | ν2 |  | ν2 |  | ν2 |  | ν2 |  |
| LST end  (hh.h) |  | BW |  | | BW |  | BW |  | BW |  | BW |  |
| **Source 2** | | **Beam 1** | | | **Beam 2** | | **Beam 3** | | **Beam 4** | | **TBN** | |
| Name |  | (MHz) | | | (MHz) | | (MHz) | | (MHz) | | (MHz) | |
| RA  (hh.h) |  | ν1 | |  | ν1 |  | ν1 |  | ν1 |  | ν1 |  |
| Dec  (dd.d) |  | BW | |  | BW |  | BW |  | BW |  | BW |  |
| LST beg (hh.h) |  | ν2 | |  | ν2 |  | ν2 |  | ν2 |  | ν2 |  |
| LST end  (hh.h) |  | BW | |  | BW |  | BW |  | BW |  | BW |  |
| **Source 3** | | **Beam 1** | | | **Beam 2** | | **Beam 3** | | **Beam 4** | | **TBN** | |
| Name |  | (MHz) | | | (MHz) | | (MHz) | | (MHz) | | (MHz) | |
| RA  (hh.h) |  | ν1 | |  | ν1 |  | ν1 |  | ν1 |  | ν1 |  |
| Dec  (dd.d) |  | BW | |  | BW |  | BW |  | BW |  | BW |  |
| LST beg (hh.h) |  | ν2 | |  | ν2 |  | ν2 |  | ν2 |  | ν2 |  |
| LST end  (hh.h) |  | BW | |  | BW |  | BW |  | BW |  | BW |  |
| **Source 4** | | **Beam 1** | | | **Beam 2** | | **Beam 3** | | **Beam 4** | | **TBN** | |
| Name |  | (MHz) | | | (MHz) | | (MHz) | | (MHz) | | (MHz) | |
| RA  (hh.h) |  | ν1 | |  | ν1 |  | ν1 |  | ν1 |  | ν1 |  |
| Dec  (dd.d) |  | BW | |  | BW |  | BW |  | BW |  | BW |  |
| LST beg (hh.h) |  | ν2 | |  | ν2 |  | ν2 |  | ν2 |  | ν2 |  |
| LST end  (hh.h) |  | BW | |  | BW |  | BW |  | BW |  | BW |  |
| **Source 5** | | **Beam 1** | | | **Beam 2** | | **Beam 3** | | **Beam 4** | | **TBN** | |
| Name |  | (MHz) | | | (MHz) | | (MHz) | | (MHz) | | (MHz) | |
| RA  (hh.h) |  | ν1 | |  | ν1 |  | ν1 |  | ν1 |  | ν1 |  |
| Dec  (dd.d) |  | BW | |  | BW |  | BW |  | BW |  | BW |  |
| LST beg (hh.h) |  | ν2 | |  | ν2 |  | ν2 |  | ν2 |  | ν2 |  |
| LST end  (hh.h) |  | BW | |  | BW |  | BW |  | BW |  | BW |  |