Schedule 5 – Description of the Project

The Project consists of a group of radio-astronomy projects, and ancillary works and activities, including radio science studies, to be developed, operated or undertaken on the MRO. At the date of this agreement it is intended that the Project will include the following radio-astronomy projects:

(a) ASKAP;

(b) PrepSKA;

(c) the Murchison Widefield Array project;

(d) the Cosmological Reionisation Experiment; and

(e) the Precision Array to Probe the Epoch of Reionisation project.

The Project will also include any other radio-astronomy and ancillary works and activities to be developed, operated or undertaken within the MRO as determined by CSIRO in consultation with the Australian SKA Coordination Committee from time to time.

Each of the projects named above are indicatively described in further detail below.

1. The Australian Square Kilometre Array Pathfinder project

The ASKAP project is a next-generation radio telescope. When complete, ASKAP will be one of the world's leading radio telescopes. The ASKAP project will be managed by CSIRO Australia Telescope National Facility.

(b) placing a small-scale SKA technology demonstrator experiment on the MRO;

(c) undertaking site surveys to determine the suitability of the MRO for the SKA, including surveying and geotechnical studies, heritage survey work, radio-frequency monitoring work, and ionospheric and tropospheric monitoring; and

(d) visits to the MRO by PrepSKA personnel.