

**Request For Proposals  
for the  
NICI Planet Finding Campaign  
Addendum #8**

**Issued: 3 November 2005**

**Purpose of RFP Addendum #8.** Various questions answered.

1. CV's and other material that is not part of the main proposal can either be appended to a PDF attachment or included as a separate PDF attachment. Please try to limit the total number of attachments. Gemini staff will create a single file from the PIT output and any attachments for distribution to reviewers.
2. The only filters currently in NICI are those listed on the NICI web pages at <http://www.gemini.edu/sciops/instruments/nici/niciFilters.html> . Other filters listed in the OCDD or other documents have not been ordered.
3. The baseline sensitivity assumed  $r_0=20$  cm, which corresponds to V-band natural seeing of 0.52 arcsec FWHM. The RFP and addendum #1 specify how to adjust Strehl for variations in seeing or  $r_0$ . The Gemini queue (and the PIT) operate using IQ bins at 70% (0.8 arcsec or  $r_0=13$  cm) and 20% (0.45 arcsec or  $r_0=25$  cm). You may specify either bin in your PIT proposal, but the most important thing is to specify what seeing (V-band FWHM) you need for each target or group of targets. Gemini astronomers will work with the winning team to specify more precise observing conditions under which to execute the observations after testing NICI performance on the sky. For now, you may assume that the baseline estimate for  $r_0=20$  cm corresponds to (approximately) median IQ observing conditions.