

PACIFIC AVIATION INVESTMENT PROGRAM (PAIP)
TUVALU AVIATION INVESTMENT PROJECT (TvAIP)
Supply and Installation Solar Street Lighting
CONTRACT REF: MCT/SHPG/T-A29

21st February 2017

CLARIFICATION NO. 2 TO THE BIDDING DOCUMENTS

The PAIP TFSU would like to issue the following clarification in response to question asked by bidder in relation to the above named tender. The question and the answers are provided below:

No	Questions from Suppliers	Clarification
1	In the Technical Specification, Point 7, there is mention of achieving an average illumination of 12 lux with the luminaire at 4m above ground level; can you please advise over what sized area this average illumination is based on? The metric of "LUX" is lumens divided by area so without a specified area you cannot calculate average lux.	Average illumination approximately 0.06m ² .
2	The specification calls for an "LED Street Light" yet in Point 8 of the specification there is mention of requiring a symmetrical or circular distribution rather than what we refer to as a "Street Light" distribution which is long and narrow and designed to illuminate along the roadway, my question therefore is; are you looking more for an LED Area Light than an LED Street Light? The attached PDF shows the concept with page 1 showing an isolux plot for a symmetrical optic and page 2 a street lighting optic.	It is an LED Streetlight light.
3	In relation to Technical Specifications 7 – Average Illuminance, Height 4m: 12lux – could you provide additional information on road widths and pole spacing?	Road width is approximately 5mtrs and pole spacing, in the main settlement is 50mtrs apart and out of the main settlement is 100mtrs apart.