

# Consulate of the United States of America Basrah, Republic of Iraq

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General Services Office/Procurement U.S. American Consulate Basrah Republic of Iraq

# Questions & Answers U.S. CONSULATE GENERAL BASRAH LED OBSTRUCTION LIGHTING PACKAGE Solicitation No.: 191Z5018R0002

## Question 1:

I have been in review of your recent RFQ and ran some preliminary foot candles on your project. My question is if I have a unit that is only 479W and delivers an average of 200fc, while using some conservative reflective factors, could that be entertained?

I understand this is not the 230fc you require, but thought I would inquire if any flexibility considering the low wattage used to attain this.

Thank you for your review and consideration of this

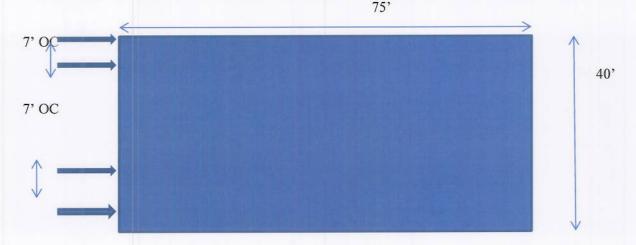
ANSWER: We require an average of 230 fc overall and 300 fc at a height of 5 feet in order to meet the intended purpose.

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## Question 2:

Where in the 40×75 foot area are they expecting to mount poles; spaced "evenly at center" or at one of the 75' edges, or other configuration?

**ANSWER:** The lights and poles shall be mounted by the U.S.G. The design should assume that all the poles are set at only one of the 40 foot width sides. The will be spaced 7 feet apart O.C. from each side; 4 total.



#### Question 3:

Will fixture/ luminaires be shoebox style lighting (facing down) or is flood lighting the intent (tilted to light vertically)? **ANSWER:** The shape (Shoebox) is not important. The lights will point slightly downward from a height of 9' above grade. The lights are intended to obstruct vision for people approaching the lights in the designated 40' wide by 75' long area.

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#### **Ouestion 4:**

Will lights be on the entire time or only during certain events or for emergencies? **ANSWER:** The lights will be activated on-demand as needed, at night only.

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Question 5:

Are these parking areas?

ANSWER: No

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Question 6:

Is dimming required?

ANSWER: No

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**Ouestion 7:** 

Please confirm desired foot candles? Specified foot candles seem unusually high.

ANSWER: The average fc of 230 and the average 300fc at the height of 5' is a minimum requirement.

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**Question 8:** 

For direct burial of 3 feet, are you putting these into a footing that is 3 feet below ground? Direct burial is typically into just dirt, but also typically be 6 feet or more into a firm soil.

ANSWER: The 3 feet extending below ground will be placed in reinforced concrete

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Question 9:

Hi, my analyst took a quick run at this, but I realized that I was thinking you needed all the poles on one side of the 40 x 75 ft area, and that you were flooding 75ft away. However, with my analysts interpretation of the requirements being different, I thought I'd check with you to see which way was correct. Please let me know if you wanted the lights on one side of the 40ft area flooding 75 feet in one direction, or if you just wanted to cover the 40ft x 75ft area. Thanks **ANSWER:** You are correct; we are placing the poles at one of the 40' short ends and flooding 75' outwards. In addition, the poles will intrude inwards no more than 7' from each side, allowing for a 26 foot clear span in the middle, e.g. one pole at each of the corners and the 3<sup>rd</sup> and 4<sup>th</sup> pole placed along the short end 7'oc.

