Department of Electrical Engineering,
Indian Institute of Technology, Delhi

Hauz Khas, New-Delhi-110016, India

NIQ no. IITD/EE/PLN03-BEEN Due Date: **30.11.2011, 5 PM**

Notice inviting quotations for a Tungsten Halogen White Light Source

Sealed quotations are invited for a Tungsten Halogen White Light Source that can have a spectral range between 360 nm and 2500 nm. The purchase will be made through a two part bidding process. Technical and Financial bids have to be made separately. Complete technical information should be provided along with the Technical bid. Please refer to the page on Terms and Conditions for details on how and when to submit the Technical and Financial bids.

Required Specifications for **Tungsten Halogen White Light Source**

1. The Spectral range should be Between 360 nm and 2500 nm.
2. Power output should at least be 6.5 watts.
3. Bulb life should at least be 900 hours.
4. The Output to bulb should be 5 volts/1.3 amps.
5. Time to stabilized output should be ~ 20 minutes.
6. The decay rate should be ~ 0.1%/hour of the output power.
7. Should have filter accessories for signal attenuation and for signal enhancement in certain spectral regions.
8. Should have an external filter slot that accepts filters up to 3 mm thickness.
9. The white light source should have an SMA 905 connector.
10. The white light source should be portable and dimensions should be less than or equal to 3.5" x 2.0" x 1.5".
11. The warranty should be at least 1 year.

Asst. Prof. A. Dhawan
(Principal Investigator)

Terms and Conditions

1. Please submit the TECHNICAL and FINANCIAL bids in separate sealed envelopes. Mark the two envelopes clearly as “Technical Bid” and “Financial Bid” respectively. Both the sealed envelopes should be sent in a single sealed envelope, clearly marked as “Quotations for a Tungsten Halogen White Light Source”. The quote should reach the following address on or before **30.11.2011, 5 PM**:

Dr. A. Dhawan
Block II, Room 216,
IIT Delhi, Hauz Khas,
New Delhi, 110016, India

2. Please quote prices at FOB New Delhi, inclusive of all taxes and duties.
3. Quote should be in Indian Rupes for Indian agents, or in foreign currency, for foreign agents, and needs to be valid for at least three months.
4. Attach all the technical literature and a list of similar installations done in India.
5. If the quote is being submitted by a representative of the manufacturer, a valid agency-ship or dealership certificate authorizing the agent to quote to IIT Delhi on behalf of the manufacturers should be enclosed.
6. Complete set of manuals for the operation of the equipment should be given.
7. Clearly specify the installation requirements – such as space, power, frequency, environment etc.
8. If the item quoted is proprietary in nature, please enclose proprietary certificate from the principals stating, “Certified that _____ is a proprietary of M/s _____ and no other manufacturer makes this item.”
9. Please attach a signed and stamped compliance chart for the specifications. The format of the compliance chart is attached to this document.
10. Please specify all of your terms and conditions clearly, including delivery period.
11. Preferred modes of payment for foreign agents are through letter of credit, or as payment on delivery. For Indian agents, typically payment is on delivery.
12. The Institute reserves the right to accept or reject any or all quotations without assigning any reasons thereof.

Asst. Prof. A. Dhawan
(Principal Investigator)

Compliance Chart

	Parameter	Requirement	Model Spec	Complies
1	Spectral range	360 nm to 2500 nm		
2	Minimum Power output	6.5 watts		
3	Minimum Bulb life	900 hours		
4	Output to bulb	5 volts/1.3 amps		
5	Time to stabilized output	~ 20 minutes		
6	Decay rate (Stability)	~0.1%/hour of output power		
7	Filter accessories for spectral attenuation	present		
8	External filter slot	present		
9	SMA 905 connector	present		
10	Portability/Dimensions	<= 3.5" x 2.0" x 1.5"		
11	Minimum warranty	1 year		