

Department of Metallurgy and Materials Engineering
Indian Institute of Engineering Science and Technology, Shibpur
Howrah-711 103

Enquiry No.: 01/MET/SKG/CPDA/IEST/2016-17

Date: 23/09/2016

To,
All the Enlisted Suppliers/Dealers/Manufacturers

Sealed quotations are invited for supply of **High Temperature Infrared Thermometer** with all standard accessories under CPDA Account of Dr. S. K. Ghosh, Professor & Head, Dept. of Metallurgy and Materials Engineering. The sealed quotations should be addressed to the Head of the Department indicating enquiry no. with date on the top of the sealed envelope. The sealed quotations should be submitted at the office of the department on any working day up to 05/10/2016 till 5.00 P.M.

Item: 1: High Temperature Infrared Thermometer

Quantity: One

Specifications:

Basic Functions/features	Details
General features	Temperature indication in °C, Laser Targeting, Automatic Data Hold, Over Range Indication, Adjustable Emissivity, Type K Input, USB interface, LCD display with standard accessories
Temperature Range	-50-1800°C
Response Time	Less than 200 ms
Resolution	1°C
Basic Accuracy (IR)	±1.0% of reading
Optical Resolution (Distance Spot)	50:1
Emissivity	Adjustable: 0.10 ~ 1.0
Type K Temperature Range	-50-1300°C
Basic Accuracy (TK)	±1.5% of reading
Reading memories	90
Power	9V battery

(Dr. S. K. Ghosh)
Professor & Head

Copy forwarded for information to:

Institute Website, IEST, Shibpur, Howrah-711103