



DEPARTMENT OF ENGINEERING DESIGN
INDIAN INSTITUTE OF TECHNOLOGY MADRAS
CHENNAI - 600 036, INDIA
Phone: 044-2257 4661 Fax: 044-2257 4732

Prof. R. KRISHNA KUMAR
Professor

Date: 11.09.2018

Limited Tender for supply of" Laptop with GTX 1080 GPU

Tender No: EDD/RKRI/2018-2019/09/001

(Quantity: ONE NUMBER)

Date: 11.09.2018 & Due Date: 20.09.2018 & Time 4.00pm (Indian Standard Time)

Specification

Microprocessor

- 7th Gen Intel Core i7 Mobile Processor i7-7820HK (2.9 GHz, Turbo Boost 2.0 up to 3.9 GHz, 8 MB Smart Cache)
- Intel AVX2, Intel 64, Enhanced Speed Step Technology, Hyper-Threading Technology
- Intel Speed Shift Technology, Intel VT-x

Storage

1 TB Serial ATA (150 MB/sec @ 7200 RPM)

Full HD Widescreen IPS Display

- 17.3" (43.94cm) LED Backlit (144Hz)
- 1920 x 1080 Full HD (1080p) | 16:9
- Anti-glare Display | G-SYNC enabled

Video Graphics

- NVIDIA GeForce GTX 1080
- 8 GB GDDR5X Discrete Memory
- NVIDIA Pascal GPU Architecture
- NVIDIA CUDA, NVIDIA Ansel, VR Ready
- G-SYNC Technology; DirectX 12 Support

Audio / Speakers

- Bang & Olufsen Audio or equivalent
- Dual Speakers ; DTS Headphone:X - for simulated surround sound

Webcam and Microphone

- Wide Vision Full HD Webcam
- 1920 x 1080 by 30 frames
- Wide Field of Vision (WFOV) – up to 88°
- WDR (Wide Dynamic Range)-Work with varying light conditions | BSI Sensor
- Dual array Digital Microphones

LAN & PAN

- Wired LAN – 10/100/1000 Gigabit
- Wireless LAN – Integrated 802.11ac
- Wi-Fi SAR Enabled
- PAN - Integrated Bluetooth 4.2

Interface

- HDMI v2.0a (HDR) with HDCP 2.2
- One Mini Display Port
- Two USB 3.1 Type-C Gen 2 with Thunderbolt Gen 3 Technology Intel Alpine Ridge DP Design
- Three USB 3.1 Ports
- One Headphone Out / Microphone-In Combo Jack; One Stereo Microphone-In
- One RJ-45; Kensington Lock Slot

Mechanical Keyboard & Pointing Device

Battery

- 6 Cell Lithium-Ion Cylindrical Battery
- Supports Fast Charge

Operating System

- Windows 10 Home (64-bit) with recovery manager
- Drop-In-Box – USB-C to VGA Adapter

(Three years warranty)

PROJECT CO-ORDINATOR
Department of Engineering Design
Indian Institute of Technology Madras
Chennai-600 036.



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Dear Sir/ Madam,

1. Quotations are invited in duplicated for the various item shown below over leaf/enclosed list.
2. The quotations are to be two parts – **One Technical and Commercial offer:** The two parts of the offer are to be clearly marked on the envelopes. The two parts of the offer in separate envelopes must be enclosed in the bigger envelope duly sealed and super scribed with reference number and date and due date must be addressed to the under signed so as to reach him on or before the due date stipulated above.
3. The Quotations should be valid for 60 days from the due date and the period of delivery required should also be clearly indicated.
4. **Local Firms:** Quotations should be for free delivery to this Institute. If quoted for Ex – Godown delivery charges be indicated separately.
5. **Firms outside Chennai:** Quotations should be for F.O.R Chennai / F.O.B. Chennai / CIF Chennai (Including Insurance and Freight Charges). If Ex-Works, Packing, forwarding and freight charges must be indicated.
6. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the quotations, wherever applicable.
7. The rates of Goods and Service Tax (GST) and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for GST will be admitted at any stage and on any ground whatsoever. **The taxes leviable should take into consideration that we are entitled to have concessional Goods and Service Tax applicable to educational institutions run with no profit motive for which a concession.**
8. Goods should be supplied carriage paid and insured.
9. Goods shall not be supplied without an official supply order.
10. **Payment:** Every short effort will be made to make payment within 30 days from the date of bill/acceptance of goods whichever is later.
11. The Warranty of the item should be at least 3 years.
12. The Guarantee period of the item may be indicated clearly.
13. IIT Madras is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. IIT Madras will make necessary arrangements for the clearance of imported goods at the Airport /Seaport. Hence the price should not include the above charges.
14. **Acceptance and Rejection:** - IITM has the right to accept the whole or any part of the **tender** or portion of the quantity offered or rejects it in full without assigning any reason.
15. Any quotations received after the deadline prescribed above will not be accepted. The quotation (duly signed hard-copy) should be sent to the following address.



Prof.R.KRISHNA KUMAR
Dept of Engineering Design
IIT Madras, Chennai-36
Ph.No: 0442257 4661 (Off)
0442257 5630

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