

Indian Institute of Technology Kanpur

Environmental Engineering Laboratory

Department of Civil Engineering

Dr Purnendu Bose

Lab In-charge

Date: Feb 16, 2022

Enquiry date: Feb 16, 2022

Enquiry No: IITK/cGanga/2021-22/05

Sealed quotations (Technical and Commercial in separate sealed envelopes) are invited for **Graphic Card- GeForce RTX 3090 with 1500 watt power supply** with the specifications mentioned below. Technical as well as commercial quotations must be sent separately in properly sealed envelopes to the address mentioned below before 5:00pm of the due date. Quotations received after that time or in non-sealed envelopes will not be considered. Terms and conditions as well as detailed specifications are given below. Please contact us in case of doubts/clarifications.

Name of the item: Graphic Card-GeForce RTX 3090 with 1500 watt power supply

Quantity Required: 05

Note: Refurbished/repaired items will not be accepted.

Technical specifications:

GEFORCE RTX 3090

GEFORCE RTX 3090		
GPU Engine Specs:	NVIDIA CUDA® Cores	10496
	Boost Clock/ Base Clock (GHz)	1.7/1.4
Memory Specs:	Standard Memory Config	24 GB GDDR6X
	Memory Interface Width	384-bit
Technology Support:	Ray Tracing Cores	2nd Generation
	Tensor Cores	3rd Generation
NVIDIA Architecture		Ampere
	Microsoft DirectX® 12 Ultimate, NVIDIA DLSS, NVIDIA Reflex, NVIDIA Broadcast, PCI Express Gen 4, Resizable BAR, NVIDIA® GeForce Experience, NVIDIA Ansel, NVIDIA FreeStyle, NVIDIA ShadowPlay, NVIDIA Highlights, NVIDIA G-SYNC, Game Ready Drivers, NVIDIA Studio Drivers, NVIDIA GPU Boost, NVIDIA NVLink (SLI-Ready), Vulkan RT API, OpenGL 4.6, HDMI 2.1, DisplayPort 1.4a, VR Ready	Yes
NVIDIA Encoder/NVIDIA Decoder		7th/5th Generation
Display Support:	Maximum Digital Resolution (1)	7680x4320
	Standard Display Connectors	HDMI 2.1, 3x DisplayPort 1.4a
	Multi Monitor	4
	High-bandwidth Digital Content Protection (HDCP)	2.3
Card Dimensions:	Length/Width	313 mm/138 mm
	Slot	3-Slot
Founders Edition Thermal Power Specs:	Maximum GPU Temperature (in °C)	93
	Graphics Card Power (W)	350
	Required System Power (W) (2)	750
	Supplementary Power Connectors	2x PCIe 8-pin (adapter to 1x 12-pin included)

1. **Up to 4k 12-bit HDR at 240Hz with DP1.4a+DSC. Up to 8k 12-bit HDR at 60Hz with DP 1.4a+DSC or HDMI2.1+DSC. With dual DP1.4a+DSC, up to 8K HDR at 120Hz**
2. **Requirement is for high end workstations configured with an Intel Core i9-10900K processor.**

Terms & Conditions

- 1.) Delivery: 1 Week from the date of receipt of technically & commercially clear Purchase order.
- 2.) Payment: As per our institute norms
- 3.) Educational discount applicable
- 4.) All prices should be F.O.R at IIT Kanpur.
- 5.) GST: 5% with concessional certificate provided by us.
- 6.) Warranty: Genuine warranty of 3 years from OEM
- 7.) Validity of offer: minimum 90 Days

The quotation must reach our office at the address given below latest by February 24, 2022. No

Address:

Dr Purnendu Bose
Professor
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Uttar Pradesh Ph: 0512-259-7792