TAX INVOICE

Sound Solutions 1/3 New Sion Co-Op Hsg Scty, Opp Gurukripa Hotel Sion West, Mumbai-400022 GSTIN/UIN: 27AASPT2580Q1ZK State Name : Maharashtra, Code : 27 E-Mail : sales@soundsolutions.in	Invoice No. e-Way Bill No. **GEM/877/22-23**	Dated **23-Mar-23**
	Delivery Note	Mode/Terms of Payment
	Reference No. & Date. **877 dt. 23-Mar-23**	Other References
Consignee (Ship to) **INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR (WB)** IIT Kharagpur, , WEST MIDNAPORE, WEST BENGAL-721302, India , 03222-081858, buycon2135.iiti.wb@gembuyer.in , ANIRBAN BISWAS 9836567373 GSTIN/UIN : 19AAAJI0323G1ZM State Name : West Bengal, Code : 19	Buyer's Order No. **GEMC-511687734001680**	Dated **16-Mar-23**
	Dispatch Doc No.	Delivery Note Date
	Dispatched through	Destination
	Terms of Delivery	
Buyer (Bill to) **INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR (WB)** IIT Kharagpur, , WEST MIDNAPORE, WEST BENGAL-721302, India , 03222-081858, buycon2135.iiti.wb@gembuyer.in , ANIRBAN BISWAS 9836567373 GSTIN/UIN : 19AAAJI0323G1ZM State Name : West Bengal, Code : 19		

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc. %	Amount
1	**Dell Vostro 3520 Laptop with Backpack** *DELL VOSTRO 3520* *I5/ 16GB/ 512SSD/ 15.6"* *WINDOWS 11 HOME* *WITH LAPTOP BACKPACK* *01 YEARS ONSITE WARRANTY BY DELL* *J22G7W3* *DP3Q7W3*	84713010	**2 NOS**	50,516.10	NOS		**1,01,032.20**
	IGST						**18,185.80**
	Total		**2 NOS**				**₹ 1,19,218.00**

Amount Chargeable (in words) *E. & O.E*

Indian Rupees One Lakh Nineteen Thousand Two Hundred Eighteen Only

HSN/SAC	Taxable Value	Integrated Tax		Total Tax Amount
		Rate	Amount	
84713010	1,01,032.20	18%	18,185.80	18,185.80
Total	**1,01,032.20**		**18,185.80**	**18,185.80**

Tax Amount (in words) : **Indian Rupees Eighteen Thousand One Hundred Eighty Five and Eighty paise Only**

Company's PAN : **AASPT2580Q**

Company's Bank Details
Bank Name : **HDFC BANK - 50200013843861**
A/c No. : **50200013843861**
Branch & IFS Code : **SION EAST & HDFC0000163**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for Sound Solutions

Authorised Signatory

SUBJECT TO MUMBAI JURISDICTION

This is a Computer Generated Invoice

RECEIVED

06 APR 2023

01

International Relation Office
IIT Kharagpur

प्रमाणित किया जाता है [illegible] में उल्लेखित वस्तु सही अवस्था [illegible] स्टॉक रजिस्टर के पृष्ठ संख्या.....पर [illegible] .....को दर्ज किया गया है।
Certified that the articles billed for herein have been received in good condition and according to the specification ordered for and have been duly entered in the appropriated Stock Register Vide Page No. 614/SL-1 Dated 06.04.23

Procurement of two laptops for the official purposes.

R. Chakraborty
06/04/23

Shruti
6/4/23

सत्यमेव जयते

Government of India

Form GST REG-06

[See Rule 10(1)]

Registration Certificate

Registration Number :27AASPT2580Q1ZK

1.	**Legal Name**	SUNIL HIRALAL THARIANI				
2.	**Trade Name, if any**	SOUND SOLUTIONS				
3.	**Constitution of Business**	Proprietorship				
4.	**Address of Principal Place of Business**	1/3, NEW SION CHS, OPP GURUKRIPA HOTEL, SION WEST, Mumbai City, Maharashtra, 400022				
5.	**Date of Liability**	01/07/2017				
6.	**Period of Validity**	From	01/07/2017	To	NA	
7.	**Type of Registration**	Regular				
8.	**Particulars of Approving Authority**					
Signature						

Name	
Designation	
Jurisdictional Office	
9. Date of issue of Certificate	26/09/2017

Note: The registration certificate is required to be prominently displayed at all places of business in the State.

This is a system generated digitally signed Registration Certificate issued based on the deemed approval of the application for registration

Office of International Relation & Ranking
Indian Institute of Technology Kharagpur

NOTE

Ref. No. 1775 /2023/OIR **Date: 03.03.2023**

Subject: Laptop purchase file placed for financial concurrence.

This is in connection with booking request no. FBR/2022-23/IIT/20209 towards the purchase of two Laptop from GeM portal for International Relations official use.

The above fund booking of Rs.1,24,989/- (Rupees one lakh twenty four thousand nine hundred eighty nine only) is being placed for the financial concurrence.

Junior Executive (F&A)

Associate Dean IR

07.03.2023

Dean OR & AA

DR Accounts

Enclosure:

1) Fund Booking FORM- A
2) GeM comparison sheet.
3) CP & NMC Approval .

FINANCE & ACCOUNTS SECTION * IIT KHARAGPUR * AF-2943 07 MAR 2023

Based on the available documents in the file, financial concurrence is accorded for Rs 1,24,989/-.

ADm
10.03.23

Sr. Ex(F) 15/03/23

AR(F)

DR(A/Cs)

Deen, OR&AA

16/3/23

A. Deen (ER&R).

Rajesh Ghosh (F&A) for no. 16/3/23

Contract | अनुबंध

Contract No | अनुबंध क्रमांक: GEMC-511687734001680

Generated Date | अनुबंध तिथि: 16-Mar-2023

Organisation Details | संगठन विवरण

Type	प्ररूप :	Central Autonomous
Ministry	मंत्रालय :	Ministry of Education
Department	विभाग :	Department of Higher Education
Organisation Name	संगठन का नाम :	Indian Institute of Technology (IIT)
Office Zone	कार्यालय क्षेत्र:	Kharagpur

Buyer Details | खरीदार विवरण

Designation	पद :	SEO
Contact No.	संपर्क नंबर :	03222-081858-
Email ID	ईमेल आईडी :	buycon2135.iiti.wb@gembuyer.in
GSTIN	जीएसटीआईएन :	19AAAJI0323G1ZM
Address	पता :	IIT Kharagpur, WEST MIDNAPORE, WEST BENGAL-721302, India

Financial Approval Detail | वित्तीय स्वीकृति विवरण

IFD Concurrence	आईएफडी सहमति:	No
Designation of Administrative Approval	प्रशासनिक अनुमोदन का पदनाम:	Dean Outreach and AA
Designation of Financial Approval	वित्तीय अनुमोदन का पदनाम :	Dean Outreach and AA

Paying Authority Details | भुगतान प्राधिकरण विवरण

Role:	PAO
Payment Mode	भुगतान का तरीका:	Offline
Designation	पद :	Assistant Registrar
Email ID	ईमेल आईडी :	pao1.iit.kgp@gembuyer.in
GSTIN	जीएसटीआईएन :	N
Address	पता:	IIT Kharagpur, PASCHIM MEDINIPUR, WEST BENGAL-721302, India

Seller Details | विक्रेता विवरण

GeM Seller ID	जेम विक्रेता आईडी :	L1V6210003623890
Company Name	कंपनी का नाम :	SOUND SOLUTIONS
Contact No.	संपर्क नंबर :	09594997624
Email ID	ईमेल आईडी :	soundgem11@gmail.com
Address	पता :	1/3, NEW SION CO-OP HSG SOCIETY,Opp. Gurukripa Hotel,SION, ROAD NO 24, MUMBAI, MAHARASHTRA-400022, -
MSME verified	एमएसएमई सत्यापित :	Yes
MSME Registration number	एमएसएमई पंजीकरण संख्या :	UDYAM-MH-19-0059738
MSE Social Category	एमएसई सामाजिक श्रेणी :	General
MSE Gender	एमएसई लिंग श्रेणी :	Male
GSTIN	जीएसटीआईएन:	27AASPT2580Q1ZK

*GST / Tax invoice to be raised in the name of | जिसके नाम के पक्ष में GST/TAX इनवॉइस पेश किया जाएगा - Buyer

Product Details | उत्पाद विवरण

#	Item Description | आइटम विवरण	Ordered Quantity | आइटम विवरण	Unit | इकाई	Unit Price (INR) | इकाई मूल्य (INR)	Tax Bifurcation (INR) | कर विभाजन (INR)	Price (Inclusive of all Duties and Taxes in INR) | मूल्य (INR में सभी शुल्क और कर सहित)
1	**Product Name | उत्पाद का नाम :** Dell Intel Core i5 15.6 Inch Laptop (Windows 11 Home) **Brand | ब्रांड :** Dell **Brand Type | ब्रांड प्रकार :** Registered Brand **Catalogue Status | कैटलॉग की स्थिति:** OEM verified catalogue **Selling As | कैसे बेचा जा रहा है :** OEM verified Reseller **Category Name & Quadrant | श्रेणी का नाम और चतुर्थांश :** Laptop-Notebook (Q2) **Model | मॉडल:** Dell Vostro 3520 **HSN Code | एचएसएन कोड:** HSN not specified by seller	2	pieces	59,609	NA	119,218
Total Order Value | कुल ऑर्डर मूल्य (in INR)						119,218

Consignee Detail | परेषिती विवरण

S.No | क्र.सं.	Consignee | परेषिती	Item | वस्तु	Lot No. | लॉट नंबर	Quantity | मात्रा	Delivery Start After | दिनांक के बाद डिलीवरी शुरू करना है	Delivery To Be Completed By | वितरण पूरा कब तक करना है
1	Designation | पद : SEO Email ID | ईमेल आईडी : buycon2135.iiti.wb@gembuyer.in Contact | संपर्क : 03222-081858- GSTIN | जीएसटीआईएन : 19AAAJI0323G1ZM Address | पता : IIT Kharagpur, WEST MIDNAPORE, WEST BENGAL-721302, India	Dell Intel Core i5 15.6 Inch Laptop (Windows 11 Home)	-	2	16-Mar-2023	31-Mar-2023

Product Specification for Dell Intel Core i5 15.6 Inch Laptop (Windows 11 Home)

Specification| विनिर्देश	Sub-Spec|उप-विनिर्देश	Value|मूल्य
Construction	Form Factor	Standard
	Chassis Material	ABS Plastic
	Hinges	Metallic
Processor	Processor Make	Intel
	Processor Generation	12
	Number of Cores per Processor	10
	Processor Base Frequency (GHz)	1.3
	Processor Description	Intel Core i5
	Processor Number	Intel Core i5 1235U
	Out of Band Management	NA
	Cache (MB)	12
Motherboard	Expansion Slots (M Dot 2)	0
Graphics	Graphics Type	Integrated
	Graphic Card Description	Intel(R) Iris(R) Xe
	Size of Memory in Case of Dedicated Graphic Card (GB)	0
	Size of VRAM in case of Integrated Graphics (MB)	0
Operating System	Operating System (Factory Pre-Loaded)	Windows 11 Home
	Recovery Image Media	NA
	OS Certification	Windows
Memory	Type of RAM	DDR4
	RAM Size (GB)	16
	RAM Speed (MHz)	2666
	Total Numbers of DIMM Slots Available	2
	Number of DIMM Slots populated	1
	RAM Expandability up to(using spare DIMM Slots in GB)	16
Storage	Type of Drives used to populate the Internal Bays	SSD
	Number of Internal Bays populated with HDD	0
	Capacity of each HDD (GB)	NA
	Total HDD Capacity (GB)	0
	Number of Internal Bays populated with SSD	1
	Capacity of each SSD (GB)	512
	Total SSD Capacity (GB)	512
	Number of Internal Bays populated with SSHD	0
	Capacity of each SSHD (GB)	NA
	Total SSHD Capacity in addition to 8 GB Flash (GB)	0
	Number of Internal Bays populated with SSED	0
	Capacity of each SSED (GB)	0
	Total SSED Capacity (GB)	0
	Optane Memory (GB)	0
Connectivity	Wireless Connectivity	Yes
	If Yes, Type of Wireless Connectivity	Wi-Fi 802.11ac
	Number of Ethernet Ports	1
	If available, Type of Ethernet Ports	10/100/1000 on board Integrated Gigabit Port
	Bluetooth Connectivity	Yes
	If Yes, Version of Bluetooth Available	4.2

Ports	Number of USB Version 2 Point 0 Ports	1
	Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	2
	Number of USB Version 3 point 1, Gen 2 Ports	0
	Number of USB Type C Ports	0
	Number of Serial Ports	0
	Number of VGA Ports	0
	Number of HDMI Ports	1
	Number of DP Ports	0
	Number of Thunderbolt Port	0
Display	Display Size (Inch)	15.6
	Display Type	Non Touch
	Display Technology	LED HD Backlit Antiglare
	Panel Technology	VA
	Display Resolution (Pixels)	1920x1080
	Availability of Webcam integrated with Display	Yes
	If Yes, Resolution of Webcam	HD
	Infra Red Webcam	No
Miscellaneous	Optical Drive	NA
	Type of Optical Drive	N/A
	Internal Speaker (Dual)	Yes
	Audio-in	No
	Audio-out	No
	Headphone out	Yes
	Microphone-in	Yes
	Type of Keyboard	Standard
	Backlit Keyboard	No
	Spill Resistant Keyboard	Yes
	Pointing Device/Touchpad	Touchpad with multi-touch gestures enabled
	Finger Print Reader	No
	Hardware Trusted Platform Enabled	Yes
	Carry Case	Yes
	If Yes, Type of Carry Case	Back Pack
	Security Lock Slot	Yes
	If Yes,Availability of Cable Lock	No
	Weight (Including Battery) (Kilogram)	1.66
Power	Battery Type	Integrated
	Battery Chemistry	Li - ion
	Battery Capacity (Watt Hour)	41
	Battery Backup Time (Hours)(Value exactly as per Mobile Mark 2014 to be indicated)	8
Certification	BIS Registration under CRS of Meity	Yes
	BIS Registration Number and its validity	R-67000027
	BEE / Energy Star for the given Model	Yes
	ROHS Compliance	Yes
	Other Certifications available	UL,FCC,CE
Operating Conditions	Minimum Operating Temperature	10 degree Celsius
	Maximum Operating Temperature	35 degree Celsius
	Minimum Operating Humidity (%RH)	20
	Maximum Operating Humidity (%RH)	80

Warranty	Battery Warranty	1
	On Site OEM Warranty (Year)(OEM/ Authorised channel partner shall note that W/G to be fulfilled by OEM at site)	1

ePBG Detail | ईपीबीजी विवरण

NA

Terms and Conditions | नियम और शर्तें

1. Special terms and conditions- Version:2 effective from 09-04-2021

1.1 *'Local content means the amount of value added in India which shall, unless otherwise Prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value and percent.*

'Class-I local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50% as defined under this Order

'Class-II local supplier' means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%, as defined under this Order

2. General Terms and Conditions-

2.1 This contract is governed by the General Terms and Conditions, conditions stipulated to this Product/Service as provided in the Marketplace.

2.2 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

नोट: यह सिस्टम जनरेटेड फाइल है। कोई हस्ताक्षर की आवश्यकता नहीं है। इस दस्तावेज़ का प्रिंट आउट भुगतान/लेनदेन उद्देश्य के लिए मान्य नहीं है।

GeM Government e Marketplace
Efficient • Transparent • Inclusive

Azadi Ka Amrit Mahotsav

Sanction Order

Sanction No: 511687734001680
Sanction Date: 16-Mar-2023

Sanction of the competent authority is hereby conveyed for incurring an expenditure of amount as under towards the cost of Purchase order/Contract placed on the Seller for Supply of Goods/Services as per the contract for making payment to the Seller subject to deduction of TDS as applicable:

Organisation Details		Buyer Details	
Type:	Central Autonomous	Name:	Anirban Biswas
Ministry:	Ministry of Education	Designation:	SEO
Department:	Department of Higher Education	Email ID:	buycon2135.iiti.wb@gembuyer.in
Organisation Name:	Indian Institute of Technology (IIT)	GSTIN:	19AAAJI0323G1ZM
Office Name:	Kharagpur	Address:	IIT Kharagpur WEST MIDNAPORE WEST BENGAL - 721302

Financial Approval Detail

Designation of official providing Administration approval:	Dean Outreach and AA
IFD Concurrence / Competent Authority (HOD / Head of Office) Approval Required?	NO
Budget availablity	YES
Designation of official providing Financial approval:	Dean Outreach and AA

Seller Details

Company Name:	SOUND SOLUTIONS
Email ID:	soundgem11@gmail.com
Address:	SOUND SOLUTIONS MUMBAI MAHARASHTRA - 400022

Product Details

#	Item Description	Model	Ordered Quantity	Unit	Price per Unit inclusive of all Duties and Taxes (in INR)	Total Price (inclusive of all Duties and Taxes (in INR))
1	Dell Intel Core i5 15.6 Inch Laptop (Windows 11 Home)	Dell Vostro 3520	2	pieces	59609.0	119218.0
Total Order Value (in INR)						119218.0

Consignee Details

S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
1	Anirban Biswas buycon2135.iiti.wb@gembuyer.in IIT Kharagpur WEST MIDNAPORE WEST BENGAL - 721302	Dell Intel Core i5 15.6 Inch Laptop (Windows 11 Home)	-	2	16-Mar-2023	31-Mar-2023

Terms & Conditions

- 1. This issues under the power delegated to Ministries/Department of the Government of India/organization/state vide Annexure to schedule V of the Delegation of Financial Power Rules, 1978 as amended from time to time or as per applicable delegation of financial power rules as approved and amended time to time by the competent authority of the buyer organization.

Note: This is system generated file. No signature is required. Print out of this document is not valid for payment/ transaction purpose.

NOTIFICATIONS

Comparison sheet as on : 16.03.2023 11:32

Buyer Selected Golden Filter(s)

Total SSD Capacity (GB)	: 512
RAM Size (GB)	: 16
Processor Generation	: 12
Display Size (Inch)	: 15.6
Processor Make	: Intel

Consignee Filters Applied

Delivery State: WEST BENGAL

Quantity Required: 2

COMPARE PRODUCTS

	CATEGORY CURRENT L1 ⓘ	PRODUCT ADDED BY YOU	PRODUCT ADDED BY YOU	PRODUCT ADDED BY YOU
Products costing more than ₹ 25,000.00 must be compared. Please Compare Product before adding to cart	Dell Intel Core i5 15.6 Inch Lapto... ₹ 59,609.00	RDP Intel Core i5 15.6 Inch Lapt... ₹ 120,100.00	SAMSUNG Intel Core i5 15.6 Inc... ₹ 101,690.00	Dell Intel Core i5 15.6 Inch Lapto... ₹ 59,609.00
Price	₹ 119,218.00	₹ 240,200.00	₹ 203,380.00	₹ 119,218.00
Storage				
Number of Internal Bays populated with SSHD	0	1	0	0
Number of Internal Bays populated with SSD	1	1	1	1
Total HDD Capacity (GB)	0	0	0	0
Capacity of each SSD (GB)	512	512	512	512
Number of Internal Bays populated with SSED	0	0	0	0
Total SSED Capacity (GB)	0	0	0	0
Ask GeMmy	0	0	0	0

Capacity of each SSED (GB)	0	0	0	0
Number of Internal Bays populated with HDD	0	1	1	0
Capacity of each HDD (GB)	NA	NA	1000 @5400 rpm	NA
Type of Drives used to populate the Internal Bays	SSD	SSD	SSD	SSD
Total SSHD Capacity in addition to 8 GB Flash (GB)	0	0	0	0
Capacity of each SSHD (GB)	NA	NA	NA	NA
Total SSD Capacity (GB)	512	512	512	512
Display				
Panel Technology	VA	TN	IPS	VA
Display Size (Inch)	15.6	15.6	15.6	15.6
Infra Red Webcam	No	No	No	No
Display Technology	LED HD Backlit Antiglare	LED HD Backlit	LED HD Backlit Antiglare	LED HD Backlit Antiglare
Display Type	Non Touch	Non Touch	Non Touch	Non Touch
Display Resolution (Pixels)	1920x1080	1920x1080	1920x1080	1920x1080
If Yes, Resolution of Webcam	HD	HD	FHD	HD
Availability of Webcam integrated with Display	Yes	Yes	Yes	Yes
Construction				
Chassis Material	ABS Plastic	ABS Plastic	Alluminium	ABS Plastic
Form Factor	Standard	Standard	Standard	Standard
Hinges	Metallic	Metallic	Metallic	Metallic
Operating Conditions				
Minimum Operating Temperature	10 degree Celsius	0 degree Celsius	11 degree Celsius	10 degree Celsius
Minimum Operating Humidity (%RH)	20	10	20	20
Maximum Operating Temperature	35 degree Celsius	35 degree Celsius	35 degree Celsius	35 degree Celsius
Maximum Operating Humidity (%RH)	80	90	80	80

Ask GeMmy

ROHS Compliance	Yes	Yes	Yes	Yes
BIS Registration under CRS of Meity	Yes	Yes	Yes	Yes
BEE / Energy Star for the given Model	Yes	Yes	No	Yes
Other Certifications available	UL,FCC,CE	CE	FCC	UL,FCC,CE
BIS Registration Number and its validity	R-67000027	R-41046990	R-41190144 to13.5.23	R-67000027
Power				
Battery Chemistry	Li - ion	Li - ion	Li - ion	Li - ion
Battery Capacity (Watt Hour)	41	37	43	41
Battery Backup Time (Hours)(Value exactly as per Mobile Mark 2014 to be indicated)	8	13	10	8
Battery Type	Integrated	Integrated	Integrated	Integrated
Operating System				
Operating System (Factory Pre-Loaded)	Windows 11 Home	Windows 11 Professional	Windows 11 Professional	Windows 11 Home
OS Certification	Windows	Windows	Windows	Windows
Recovery Image Media	NA	CD from the OEM / Stored in Partition of the Hard Disk / USB Drive from the OEM / On Line / Cloud	NA	NA
Graphics				
Graphic Card Description	Intel(R) Iris(R) Xe	Intel® UHD Graphics	Intel Iris XeGraphic	Intel(R) Iris(R) Xe
Graphics Type	Integrated	Integrated	Integrated	Integrated
Size of Memory in Case of Dedicated Graphic Card (GB)	0	0	0	0
Size of VRAM in case of Integrated Graphics (MB)	0	0	256	0
Warranty				
Battery Warranty	1	3	1	1
On Site OEM Warranty (Year)(OEM/ Authorised channel partner shall note that W/G to be fulfilled by OEM at site)	1	5	3	1
Connectivity				
Bluetooth Connectivity	Yes	Yes	Yes	Yes

Ask GeMmy

If available, Type of Ethernet Ports	10/100/1000 on board Integrated Gigabit Port	10/100/1000 on board Integrated Gigabit Port	10/100/1000 on board Integrated Gigabit Port	10/100/1000 on board Integrated Gigabit Port
If Yes, Version of Bluetooth Available	4.2	5	5.1	4.2
Wireless Connectivity	Yes	Yes	Yes	Yes
If Yes, Type of Wireless Connectivity	Wi-Fi 802.11ac	Wi-Fi 802.11ac	Wi-Fi 6: 802.11ax	Wi-Fi 802.11ac
Number of Ethernet Ports	1	1	1	1
Miscellaneous				
Security Lock Slot	Yes	Yes	Yes	Yes
Headphone out	Yes	Yes	Yes	Yes
Backlit Keyboard	No	No	No	No
Internal Speaker (Dual)	Yes	Yes	Yes	Yes
Finger Print Reader	No	No	No	No
Type of Optical Drive	N/A	N/A	N/A	N/A
Pointing Device/Touchpad	Touchpad with multi-touch gestures enabled	Touchpad with multi-touch gestures enabled	Touchpad with multi-touch gestures enabled	Touchpad with multi-touch gestures enabled
Carry Case	Yes	Yes	No	Yes
If Yes,Availability of Cable Lock	No	No	No	No
Weight (Including Battery) (Kilogram)	1.66	1.38	1.6	1.66
Optical Drive	NA	NA	NA	NA
Spill Resistant Keyboard	Yes	Yes	Yes	Yes
Audio-in	No	Yes	Yes	No
If Yes, Type of Carry Case	Back Pack	Others	NA	Back Pack
Hardware Trusted Platform Enabled	Yes	Yes	Yes	Yes
Type of Keyboard	Standard	Standard	Standard	Standard
Audio-out	No	Yes	Yes	No
Microphone-in	Yes	Yes	Yes	Yes
Memory				
Total Numbers of DIMM Slots Available	2	2	2	2
RAM Size (GB)	16	16	16	16
Type of RAM	DDR4	DDR4	DDR4	DDR4

Ask GeMmy

RAM Speed (MHz)	2666	3200	3733	2666
RAM Expandability up to(using spare DIMM Slots in GB)	16	32	16	16
Number of DIMM Slots populated	1	1	2	1
Motherboard				
Expansion Slots (M Dot 2)	0	0	0	0
Processor				
Out of Band Management	NA	NA	NA	NA
Cache (MB)	12	12	12	12
Processor Description	Intel Core i5	Intel Core i5	Intel Core i5	Intel Core i5
Processor Number	Intel Core i5 1235U	Intel Core i5 1235U	Intel Core i5 1235U	Intel Core i5 1235U
Number of Cores per Processor	10	10	8	10
Processor Make	Intel	Intel	Intel	Intel
Processor Base Frequency (GHz)	1.3	3.3	1.3	1.3
Processor Generation	12	12	12	12
Ports				
Number of Thunderbolt Port	0	0	0	0
Number of USB Type C Ports	0	1	2	0
Number of VGA Ports	0	1	0	0
Number of DP Ports	0	0	0	0
Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	2	1	1	2
Number of HDMI Ports	1	1	1	1
Number of USB Version 2 Point 0 Ports	1	1	1	1
Number of Serial Ports	0	0	0	0
Number of USB Version 3 point 1, Gen 2 Ports	0	1	2	0

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Indian Institute of Technology Kharagpur

Finance Section

Booking Request ID:FBR/2022-2023/IIT/20209 Booking ID:FBK/2022-2023/IIT/19976

Dept./Centre/Section/School/Unit	: International Relations
Project	: Not Applicable
Proposal For	: Being amount booked for purchase of two Laptop from GeM portal for office use.
Fund Type	: Creation of Capital Asset
Fund Sanctioned For This Proposal	: 124989.00 [Rupees One Lakh Twenty Four Thousand Nine Hundred Eighty Nine Only] /-
Status	: **Approved**
Order Id (If Any)	: **ORD/2022-2023/IIT/6111 (Order Preparation Assign To Department)**
Remarks By Approving Authority	:NA

Financial Concurrence Financial Concurrence Id :FBK/2022-2023/IIT/19976

Financial concurrence is accorded for Rs. : 124989.00 [Rupees One Lakh Twenty Four Thousand Nine Hundred Eighty Nine Only] /- under the head Computers and Peripherals(100109) for the year 2022-2023, subject to Sanction of Expenditure.

Concurrence By:

J.A.O 10.03.23

Sr. Executive / Superintendent 10/3/23

Assistant Registrar (F) 11/03

Deputy Registrar (F&A) 11/3

Registrar

Deputy Director

Sanction of Expenditure

Sanction of Expenditure is accorded for Rs. 124989.00 [Rupees One Lakh Twenty Four Thousand Nine Hundred Eighty Nine Only] /- for issue of Work Order / Purchase Order to

M/s.....

Signature with Seal:

Approved By: Director/Dy. Director/Dean/HOD/HOS/HOC/PIC/Chairman/Registrar/Head of Section or Units

NB: Copy of this approval should be attached with the bill and send to the Accounts Section for payment.

Indian Institute of Technology Kharagpur
Administrative Approval For Procurement (FORM - A)

FBR/2022-2023/IIT/20209

Booking Request ID:FBR/2022-2023/IIT/20209 **Booking ID:Not Approved Yet**

Name of Indentor	: Anirban Biswas (19007)
Designation	: Senior Executive Officer Grade-I
Organisation	: Indian Institute of Technology Kharagpur
Cost Center	: International Relations
Project	: Not Applicable
Budget Information	: Creation of Capital Asset
Item Description	: Being amount booked for purchase of two Laptop from GeM portal for office use.
Total Estimated Value	: 124989.00 [Rupees One Lakh Twenty Four Thousand Nine Hundred Eighty Nine Only] /-
Status	: **Request**
Justification(add extra sheet if required)	:

summarized position of allocation

Total Allocated Amount	Cumulative Booked Fund	Available Balance	Total Concurred	Creation Information
313500.00	307789.00	5711.00	182800.00	19007 03-03-2023 06:08 PM

Date: 3/3/23

(Signature of The Indentor)

Shri Anirban Biswas
Senior Executive Officer (Gr-I)
IIT Kharagpur

Shri Anirban Biswas
Senior Executive Officer (Gr-I)
IIT Kharagpur

If Proposal upto 600000 /-

Approved

Dean (Outreach)
IIT Kharagpur
07.03.2023

Date:

(**Signature and Seal of The** /ALL DEANS OTHER THAN DEAN(SRIC)/HoD / HoC / HoS / DEAN (VGSOM) / DEAN (RGSOIPL) / REGISTRAR/ALL CHAIRMAN/ CHAIRPERSON/ HEAD CIC / HEAD IIC / PRESIDENTS TSG / ALL PICs / CHIEF ENGINEER IW/LIBRARIAN/ PMO, BCRTH/SE/JOINT REGISTRAR / DEPUTY REGISTRAR / Sr. EE)

If Proposal above 600000 /-

Approved

Date:

Recomendation of the /ALL DEANS OTHER THAN DEAN(SRIC)/HoD / HoC / HoS / DEAN (VGSOM) / DEAN (RGSOIPL) / REGISTRAR/ALL CHAIRMAN/ CHAIRPERSON/ HEAD CIC / HEAD IIC / PRESIDENTS TSG / ALL PICs / CHIEF ENGINEER IW/LIBRARIAN/ PMO, BCRTH/SE/JOINT REGISTRAR / DEPUTY REGISTRAR / Sr. EE

(**Signature with Seal**)

Deputy Director

Approved

Date:

(Director)

FINANCIAL POWER FOR APPROVAL

Authority	Financial	Authority	Financial

Dean (Outreach)
IIT Kharagpur

प्राप्त/RECEIVED
कंप्यूटर एवं सूचना केंद्र
03 MAR 2023
Computer & Informatics Centre
भा प्रौ सं खड़गपुर / IIT Kharagpur

Office of International Relation & Ranking
Indian Institute of Technology Kharagpur

NOTE

Ref. No. 1766/2023/OIR

Date: 28.02.2023

Subject: Approval for purchase of two Laptop for official use.

The Office of International Relations required two Laptops for managing various institute level events and regular official purpose. The estimated price of the Laptops quoted in GeM is Rs.1,24,988.99/- (Rupees one lakh twenty four thousand nine hundred eighty eight and paisa ninety nine only) and The capital creation head under the operating grant of the IR fund may be used for purchasing the laptops. Specification of the laptop and price quotation in GeM are annexed herewith for your kind reference.

The computer purchase and network maintenance committee is requested to confirm the specification so that we can proceed further.

This is submitted for your kind consideration and necessary approval, please

Junior Executive (F&A)

Executive Officer (IR)

Associate Dean (IR) 1/3/23

Dean OR & AA 01.03.2023

Chairman CP & NMC

Enclosure:

1) Laptop Specification
2) GeM price comparison sheet

The specification of the laptop and costs are satisfactory. Recommended for procurement of 2 nos. of Laptop as proposed. The procurement be done following Institute purchase procedure

Dean (OR & AA)

01.03.2023

अध्यक्ष, सीपी एंड एनएमसी
Chairman, CP & NMC
भा प्रौ सं खड़गपुर
IIT Kharagpur

ANNEXURE-I

Recommended Technical Specification for Laptop PC with Intel 12th Generation CPU

The specification allows for multiple options in memory, hard disk, monitor, and OS.
Academic/ Administrative Units should carefully choose the appropriate option as per their requirement before starting the procurement process.

SN	Component	Description
1	Processor	Inter Core i5 12th Generation
2	Chipset	Intel Core i5 1235U
3	Memory	16 GB RAM DDR4, 2666 MHz
4	Memory Expandability	NIL
5	Hard Disk	512 GB SSD
6	Monitor	15.6" LED HD Backlit Antiglare (1920*1080) Pixels
7	Ethernet	10/100/1000 on board Integrated Gigabit port
8	Wi-Fi Card	Wi-Fi 802.11ac
9	Mouse	Touchpad with multi-touch gestures enabled
10	Keyboard	Standard
11	Optical Drive	N/A
12	Graphics	Integrated, Intel (R) Iris (R) Xe
13	Audio	Dual Internal audio speaker
14	I/0 Ports	2 USB 3.0 port
15	Expansion Slots	1 (M Dot 2)
16	Power Supply	Standard power adapter (Integrated Li-ion battery)
17	Operating Systems	Windows 11 Home
18	OS Certification	Windows
19	Warranty	Battery 1 years & on site OEM warranty 3 years

Junior Executive (F&A)

Executive Officer
(IR)

Associate Dean
(IR)

02.03.2023

Dean OR & AA

Chairman
(CP & NMC)

NOTIFICATIONS

Comparison sheet as on : 28.02.2023 12:14

Buyer Selected Golden Filter(s)

Capacity of each SSD (GB)	: 512
Processor Number	: Intel Core i5 1235U
Processor Description	: Intel Core i5
Total SSD Capacity (GB)	: 512
Display Size (Inch)	: 15.6
On Site OEM Warranty (Year)(OEM:: Authorised channel partner shall note that W::G to be fulfilled by OEM at site)	: 3
RAM Size (GB)	: 16

Consignee Filters Applied

Delivery State: WEST BENGAL

Quantity Required: 2

COMPARE PRODUCTS

	CATEGORY CURRENT L1	PRODUCT ADDED BY YOU	PRODUCT ADDED BY YOU	PRODUCT ADDED BY YOU
Products costing more than ₹ 25,000.00 must be compared. Please Compare Product before adding to cart	Dell Intel Core i5 15.6 Inch Lapto... ₹ 62,494.50	Dell Intel Core i5 15.6 Inch Lapto... ₹ 62,946.40	SAMSUNG Intel Core i5 15.6 Inc... ₹ 101,690.00	hp Intel Core i5 15.6 Inch Laptop .. ₹ 97,998.00
Price	₹ 124,988.99	₹ 125,892.80	₹ 203,380.00	₹ 195,996.00
Power				
Battery Chemistry	Li - ion	Li - ion	Li - ion	Li - Polymer
Battery Backup Time (Hours)(Value exactly as per Mobile Mark 2014 to be indicated)	8	8	10	12
Battery Capacity (Watt Hour)	41	41	43	51.3
Battery Type	Integrated	Integrated	Integrated	Integrated
Operating System				
Recovery Image Media	NA	NA	NA	CD from the OEM / Stored in Partition of the Hard Disk / USB Drive from the OEM / On Line / Cloud

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Operating System (Factory Pre-Loaded)	Windows 11 Home	Windows 10 Professional	Windows 11 Professional	Windows 11 Professional
OS Certification	Windows	Windows	Windows	Windows
Certification				
Other Certifications available	UL,FCC,CE	UL,FCC,CE	FCC	UL,CE,FCC
BIS Registration under CRS of Meity	Yes	Yes	Yes	Yes
BEE / Energy Star for the given Model	Yes	Yes	No	Yes
ROHS Compliance	Yes	Yes	Yes	Yes
BIS Registration Number and its validity	R-67000027	R-67000027	R-41190144 to13.5.23	R-61001830
Display				
Display Resolution (Pixels)	1920x1080	1920x1080	1920x1080	1920x1080
Panel Technology	VA	VA	IPS	IPS
Availability of Webcam integrated with Display	Yes	Yes	Yes	Yes
Display Size (Inch)	15.6	15.6	15.6	15.6
If Yes, Resolution of Webcam	HD	HD	FHD	HD
Display Type	Non Touch	Non Touch	Non Touch	Non Touch
Infra Red Webcam	No	No	No	No
Display Technology	LED HD Backlit Antiglare	LED HD Backlit Antiglare	LED HD Backlit Antiglare	LED HD Backlit Antiglare
Connectivity				
If available, Type of Ethernet Ports	10/100/1000 on board Integrated Gigabit Port	10/100/1000 on board Integrated Gigabit Port	10/100/1000 on board Integrated Gigabit Port	10/100/1000 on board Integrated Gigabit Port
If Yes, Type of Wireless Connectivity	Wi-Fi 802.11ac	Wi-Fi 802.11ac	Wi-Fi 6: 802.11ax	Wi-Fi 6E AX211+ BT 5.3
Number of Ethernet Ports	1	1	1	1
Bluetooth Connectivity	Yes	Yes	Yes	Yes
Wireless Connectivity	Yes	Yes	Yes	Yes
If Yes, Version of Bluetooth Available	4.2	4.2	5.1	5.3
Construction				
Chassis Material	ABS Plastic	ABS Plastic	Alluminium	Alluminium
Form Factor	Standard	Standard	Standard	Standard
Ask GeMmy	Metallic	Metallic	Metallic	Metallic

Processor

Out of Band Management	NA	NA	NA	NA
Processor Generation	12	12	12	12
Processor Description	Intel Core i5	Intel Core i5	Intel Core i5	Intel Core i5
Processor Number	Intel Core i5 1235U	Intel Core i5 1235U	Intel Core i5 1235U	Intel Core i5 1235U
Number of Cores per Processor	10	10	8	10
Cache (MB)	12	12	12	12
Processor Base Frequency (GHz)	1.3	1.3	1.3	1.3
Processor Make	Intel	Intel	Intel	Intel

Miscellaneous

Hardware Trusted Platform Enabled	Yes	Yes	Yes	Yes
Type of Keyboard	Standard	Standard	Standard	Standard
Headphone out	Yes	Yes	Yes	Yes
Microphone-in	Yes	Yes	Yes	Yes
Type of Optical Drive	N/A	N/A	N/A	N/A
Audio-out	No	No	Yes	No
Finger Print Reader	No	No	No	Yes
Optical Drive	NA	NA	NA	NA
Audio-in	No	No	Yes	No
Backlit Keyboard	Yes	No	No	Yes
Spill Resistant Keyboard	Yes	Yes	Yes	Yes
If Yes, Type of Carry Case	Back Pack	Back Pack	NA	Back Pack
Pointing Device/Touchpad	Touchpad with multi-touch gestures enabled	Touchpad with multi-touch gestures enabled	Touchpad with multi-touch gestures enabled	Touchpad with multi-touch gestures enabled
Weight (Including Battery) (Kilogram)	1.66	1.66	1.6	1.74
Internal Speaker (Dual)	Yes	Yes	Yes	Yes
Security Lock Slot	Yes	Yes	Yes	Yes
If Yes,Availability of Cable Lock	No	No	No	No
	Yes	Yes	No	Yes

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Motherboard

Expansion Slots (M Dot 2)	0	0	0	2
Ports				
Number of Thunderbolt Port	0	0	0	0
Number of Serial Ports	0	0	0	0
Number of DP Ports	0	0	0	0
Number of USB Type C Ports	0	0	2	1
Number of USB Version 2 Point 0 Ports	1	1	1	0
Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	2	2	1	3
Number of VGA Ports	0	0	0	0
Number of HDMI Ports	1	1	1	1
Number of USB Version 3 point 1, Gen 2 Ports	0	0	2	0
Graphics				
Size of VRAM in case of Integrated Graphics (MB)	0	0	256	128
Size of Memory in Case of Dedicated Graphic Card (GB)	0	0	0	0
Graphic Card Description	Intel(R) Iris(R) Xe	Intel (R) Iris	Intel Iris XeGraphic	Iris X Graphics
Graphics Type	Integrated	Integrated	Integrated	Integrated
Operating Conditions				
Maximum Operating Humidity (%RH)	80	80	80	90
Maximum Operating Temperature	35 degree Celsius	35 degree Celsius	35 degree Celsius	35 degree Celsius
Minimum Operating Humidity (%RH)	20	20	20	10
Minimum Operating Temperature	10 degree Celsius	10 degree Celsius	11 degree Celsius	0 degree Celsius
Memory				
RAM Speed (MHz)	2666	2666	3733	3200
RAM Size (GB)	16	16	16	16
Number of DIMM Slots populated	2	1	2	1

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RAM Expandability up to(using spare DIMM Slots in GB)	0	16	16	32
Total Numbers of DIMM Slots Available	2	2	2	2
Type of RAM	DDR4	DDR4	DDR4	DDR4
Warranty				
On Site OEM Warranty (Year)(OEM/ Authorised channel partner shall note that W/G to be fulfilled by OEM at site)	3	3	3	3
Battery Warranty	1	3	1	3
Storage				
Optane Memory (GB)	0	0	0	0
Type of Drives used to populate the Internal Bays	SSD	SSD	SSD	SSD
Total SSHD Capacity in addition to 8 GB Flash (GB)	0	0	0	0
Capacity of each SSHD (GB)	NA	NA	NA	NA
Number of Internal Bays populated with SSHD	0	0	0	0
Number of Internal Bays populated with SSD	1	1	1	1
Total SSED Capacity (GB)	0	0	0	0
Capacity of each SSED (GB)	0	0	0	0
Number of Internal Bays populated with HDD	0	0	1	0
Number of Internal Bays populated with SSED	0	0	0	0
Total SSD Capacity (GB)	512	512	512	512
Capacity of each HDD (GB)	NA	NA	1000 @5400 rpm	NA
Total HDD Capacity (GB)	0	0	0	0
Capacity of each SSD (GB)	512	512	512	512

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