



NOWGONG GIRLS' COLLEGE

Re-Accredited at A Grade (2nd Cycle) by the
National Assessment and Accreditation Council



CRITERIA 4: INFRASTRUCTURE AND LEARNING RESOURCES

4.1.1: Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution



Submitted to
The NAAC for 3rd Cycle of Assessment and Accreditation

NECTAR DOCUMENTS

Submitted to the NAAC for 3rd Assessment Cycle of Assessment & Accreditation



NOWGONG GIRLS' COLLEGE

Re-accredited at A Grade by the NAAC (2nd Cycle)



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

उत्तर पूर्वी प्रौद्योगिकी अनुप्रयोग एवं प्रसार केन्द्र (एनईसीटीएआर)

विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार का स्वायत्तशासी संस्थान
द्वितीय तल, विश्वकर्मा भवन, शाहीद जेत सिंह मार्ग, नई दिल्ली-110016
फोन: +91-11-26566778, 42525646, 42525666

North East Centre For Technology Application and Reach (NECTAR)

Autonomous Body of Department of Science and Technology, Govt. of India
2nd Floor, Vishwakarma Bhawan, Shaheed Jeet Singh Marg, New Delhi-110016
Ph.: +91-11-26566778, 42525646, 42525666

No. NECTAR (382)/DST/2021

8th June, 2021

To

- 1) The Principal
B N College,
Dhubri
Assam
- 2) The Principal
Nowgong Girls' college
Nagaon
Assam

Sub: Guideline for utilization of grant received as first instalment for setting of e language and multimedia lab at B N College Dhubri: forwarded of procurement guidelines.

Dear Sir,

May please refer your letter No. B.N.C/2020/92 dated 08.06.2021.

I am forwarding the Standard Operating Procedure & guidelines for adopting procurement of hardware and software related to the granted project from NECTAR.

However, you may adopt the procedure as per your prevailing guidelines & NECTAR will require the Utilization Certificate as per GFR format as entered in the MoU.

This is for your necessary information, please.

Thanking you,

C.T.C.
Principal
Nowgong Girls' College
Nagaon :: Assam

Yours faithfully,

(Rajendra Jena)
Deputy Director

North East Centre For Technology Application and Reach (NECTAR)

Autonomous Body of Department of Science and Technology, Govt. of India
Survey of India Campus, Bonnie Brae Estate, Barik Point, Shillong-793001, Meghalaya
Tel.: +91-364-2505034, 2506085 • E-mail: nectar@nectar.org.in • Web: www.nectar.org.in

Standard Operational Procedure (SoP) procurement Guidelines for the Procurement of Online E-Language cum Multimedia Lab

SoP Note:

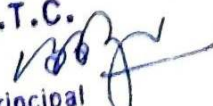
The approximate cost of the necessary Hardware and Software with good brand is revealed from open market through internet at about Rs 25 Lakhs. Therefore, the procurement must be through a transparent open Tender process. Both colleges are suggested to notify a "Two bid- (Technical and Financial)" Single Tender Notice on a mutual standing for smooth post procurement after-sales services.

1. A "Two bid" Single Tender Notice is to be notified in the widely circulated Daily Newspaper which is published from Assam by the college and upload on the college's website for reference.
2. Minimum 21-Day's notification period from the date of bid published to be provisioned for receipt of at least three bids.
3. Tender document should be entered with EMD value by the Tenderer as per the norms.
4. Tenderer Must submit the below-mentioned documents to secure his bid –
 - a) Manufacturing Authorising Certificate (MAC) against all core component hardware & software of the project with 3 (three) Years onsite service warranty.
 - b) Detailed Product specification/configuration of the bided Products as per the Annexure-I.
 - c) Minimum Bid price guarantee/validity for at least 2 (Two) months period.
 - d) GST certificate (from-6) of the bidder Organization.
 - e) Last 3 (three) ITR Return of the bidder Organization.
 - f) Establishment certificate of the bidder Organization.
 - g) Service Level Agreement (SLA) commitment agreement for 3 (three) years after-sales services.
 - h) Minimum 3(three) Completed work Experience related to IT System Integration Project of any Govt. Institution/Department preferably Govt. Educational institutions.
 - i) Details of Service Centres of bided Products must be Located at Assam and within 24 hrs service Down-Call uptime commitment (on a working Business Day).
5. Minimum 3 (Three) Bidder must participate on the Tender.
6. Basic Training and Product demonstration must be provided free of cost by the bidder Organization.
7. The successful Bidder can take 40% Advance amount of quoted bid value with the submission of 5% value of quoted bid as Bank Guaranty for Performance Warranty.
1. Balance payment on successfully installation and commission of the project duly certified by Authority of Colleges and NECTAR Department, Govt. of India.

Bid Selection procedure:

Three-member committee may be formed to evaluate the bids received and after successful technical evaluation the financial evaluation could be done for final selection of the Bidders as L-1 Bidder.

Note: However, the colleges may adopt the procurement procedure as per the state Govt./ Educational Department guidelines and as per state govt audit purposes. NECTAR will only require the Utilisation Certificate as per the GFR attached /entered in the MOU.

C.T.C.

Principal
Nowgong Girls' College
Nagaon :: Assam

Products Configurations Guidelines:

#	Products and Configurations Details	Remark
Core Components		
1	Language Lab (LL) Platform Software (1+40) or (1+20) Consoles (500 Students) Listening, Speaking, Reading & Writing (LSRW) Listen, Respond, Record, Evaluate & Monitor Lessons in Text, Audio and Video formats Self-assessment, Homework & E-Exam Save repeated lessons on Instructor module. E-Assignments (Assign, View and Evaluate Assignments) Graphical Representation or Voice Comparison Intercom (One on One Text & Audio Chat) Communicator (One to Many Text & Audio Chat) Supervisor (Real-time monitoring of students by activity indicator) Incognito Listening (Listen-to live voice of Student) Alert (Instructor's help required Indicator through text/audio chat) Student Performance and Attendance Reports Lesson Studio (Create Lessons in Text/Pdf/Audio/Video formats) Exercises with instant scoring Submit files to Instructor module for Evaluation. Parents Login & Management Login Multilingual Interface Supports on any OS (Windows/LINUX) Online or Cloud support LAP/TAB/ N-Computing / Thin Client support Integrated study materials	Software must be the option for Console's upgradation and work on the online web base processing engine.
2	LL software Hosting Server Processor - Intel Xeon 4 Core E3 or higher RAM – 16 GB DDR4 or higher Hard Disk – 240 GB SSD with 2 TB SATA or higher Tower Formfactor or 2U rack fitting	
3	Smart Touch LED Panel Basic Config: Active Screen Size ("inch) - 65" to 70" Display Backlight – LED Display Ratio – not less than 16:9 Pixel Resolution – not less than 1920 X 1080 Contrast Ration - not less than 3800:1 Touch Surface Material – Tempered glass Touch Surface Technology – Anti-Glare glass Brightness - not less than 340cd/m2 Screen Type - TFT LCD (Direct LED Backlight) Viewing Angle (H x V) - 178 x 178 Response Time - 8ms Protection Glass - Heat tempered (Anti- Glare) Ambient Light Sensor - Should be present. Multipoint touch - Continuous 10-point minimum. Angled Centre Console Should have Power Touch Screen Writing Tools - Nano Pen (>6mm width) included or Finger.	

C.T.C.

Principal
Nowgong Girls' College
Nagaon :: Assam

	Inbuild OPS with the Configurations of: Processor - Intel Core i5 8th Gen or Higher RAM – 16 GB DDR4 or higher Hard Disk – 240 GB SSD Push mount fitting	
4	4k PTZ Camera Sensor - The camera sensor should be 1/2.7", CMOS, Effective Pixel: 2.07M or better. Dual stream - Support two stream output (YUV, MJPEG, H.264 each of both), reduce the host codec pressure White Balance - Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push Minimal illumination - 0.5 Lux @ (F1.8, AGC ON) Lens - 10x, f4.7mm ~ 46.3mm, F1.8 ~ F2.8 Low-light - High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions. Digital Noise Reduction - 2D&3D Digital Noise Reduction Back Light Compensation - The camera should have a selectable Back-light compensation. S/N ratio - The camera should have a S/N Ratio of >55db or better. Zoom - The camera should have a 10x optical zoom and 16x digital zoom or better. Interface signal - The camera Video Output must support H.264 Slice/ H.264 SVC, Support Slice and SVC encoding mode, adapts to video, conference of advance USB application. Signal support - The camera should support / frame rate video format 1080P@30fps or better. Input/Output - 1xUSB for video out, 1xRS232 in: 8pin Min DIN, support VISCA/Pleco-D /Pleco-P Communication Interface USB Video Communication Protocol - UVC 1.0 Horizontal Range - The camera should have a Pan Rotation Angle of -170 degrees to +170 Degrees or better. Vertical Range - The camera should have a Tilt Rotation Angle of -30 degrees to +90 degrees or better. Accessory - The camera should be supplied with IR remote control as an included accessory. Pre-set Accuracy - 0.1° Accessories - The camera should be accompanied with Power Cable, Power adaptors if any, USB cables and remote control	
5	Desktop PC Processor - Intel Core i3, 9th Gen with Intel HD Graphics 630 or higher Dedicated Graphic processor – Nvidia 2GB DDR4 or higher Chipset - Compatible chipset with quoted processor Motherboard -OEM Motherboard with logo embossed Memory - 8 GB DDR 4 RAM expandable to 32 GB; Free minimum One DIMM slots Hard Disk - 1 TB Hard Disk Audio - High-Definition Integrated Audio Ethernet - Integrated Gigabit (10/100/1000 NIC) LAN & inbuilt Wi-Fi 802.11a/b/g/n/ac Slot - 1 x PCIe x16, 1xPCIe x1, 1xPCI, 1 M.2, Ports - Minimum 8 USB Ports (4 USB 3.1 Gen 1, 4 USB 2.0) out of which 4 USB ports should be in front for easy access (1) VGA video port; (1) HDMI Port (1) RJ-45 network connector (1) RS-232 serial port, 1 universal audio jack for headphone & MIC1 audio line in, 1 audio line out	

	Form Factor - Tower/Small form factor Power Supply - 180 W or higher power supply with 90% efficiency Keyboard/Mouse - USB 104 keys keyboard (Same make as PC) USB 2 Button Scroll Mouse (Same make as PC) Operating System Windows 10 Pro (OEM) Security SATA port disablement (via BIOS) Serial, USB enable/disable (via BIOS) Removable media write/boot control Power-On password (via BIOS) Administrator password (via BIOS) Setup password (via BIOS) Support for chassis padlocks and cable lock devices System Weight/ Volume Weight should be less than 9 KG and volume less than 9 L Monitor – 18.5" or higher	
6	Online UPS	
	Capacity (in kVA / kW) 6.0 kVA Single Phase Input / Single Phase Output Technology and Capability a) True Online configuration with double conversion UPS with Micro Control Based b) UPS should be designed at Rated PF of 0.8 Minimum (1Ph Input & 1Ph Output) Input Voltage range should be minimum 160-300 V AC Input Input facility -Phases / Wires 1-Phase / 2-Wire & Gnd (Phase & Neutral + Ground) Input Voltage Range 230V 160 - 300V AC (On 100% Load) 160 - 300V AC (On 100% Load) 110 -300 VAC (On 50% Load condition) Input Power Factor 0.99 on Full Load Input Current Harmonic Distortion (THDi) < 10% Generator Compatibility Compatibility to genset supply required. Output Nominal Output voltage 230 V Output Voltage Regulation $\pm 1\%$ Nominal Output Frequency 50Hz ± 0.1 Hz Output Frequency Regulation 47.5 to 52.5Hz Output Wave Form Pure sine wave Output Voltage Distortion (THDv) <2% Linear Load <5% Non-Linear Load Crest Factor 3:1 Efficiency AC/AC (overall efficiency) Up to 92% (Double Conversion) Overload capacity 105 - 110% 3 min 111 - 130% 30 sec Battery Backup Battery Bank Voltage 192-240V DC Battery Bank Van 5300 VAH for 30 mins backup Batteries Type (VRLA) Sealed Maintenance Free (SMF) - 12V Cells Battery Makes Amara Raja (Quanta make) / Exide power safe Communication RS232 Available Intelligent slot Optional - SNMP Operating temperature 0-40°C Continuous	

Electrical Input terminal Input Breaker + Terminal Output terminal Terminal Features Converter mode Available Bypass parameters configurable Available Display LED + LCD Display Mechanical Ingress protection IP 20 Certification Standards Safety EN 62040-1 EMI / EMC EN 62040-2 Performance IEC 62040-3 Certification CE Certification ISO 9001 : 2015 RoHS Yes	
Non - Core Components	
7	NAS for E-resource DATA Storage
	Customizable Raid 0, 1, 5 and 10 6 TB Storage Dual core 1.6 GHz processor with 2GB RAM Stream all your videos, music and photos to DLNA certified devices
8	LAN and Installation
	As per project Lab room's requirements fix the college

C.T.C.

 Principal
 Nowgong Girls' College
 Nagaon :: Assam

NOTICE INVITING TENDER
DATE:14/6/2021

The Nowgong Girls' College, Nagaon and B.N. College Dhubri, Assam jointly invited Sealed Tender from Bonafide and resourceful System Integrator Firms for supply, installation and End – to – End Integration for Procurement of "Online E- Language cum Multimedia Lab" funded by NECTAR. The last date of submission of Tender is on 4/7/2021 and Tenders shall be opened on 6/7/2021.

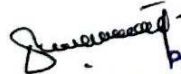
Principal
B.N.College
Dhubri(Assam)


Principal
Nowgong Girls' College
Nagaon(Assam)

Memo no.

Copy to: ---

- 1 Notice Board
2. College Website
3. Office Copy


Principal
B.N.College
Dhubri(Assam)


Principal
Nowgong Girls' College
Nagaon(Assam)
Principal
Nowgong Girls' College
Nagaon :: Assam



Office of the Principal
Nowgong Girls' College

(RE-ACCREDITED WITH GRADE 'A' BY NAAC)

Nagaon - 782002 : Assam

☎: 03672 - 220667 (O)

Fax : 03672-220667

e_mail: ngeprincipal2@gmail.com

Website : www.nowgonggirlscollege.edu.in

Dr. Balin Kumar Bhuyan, M.Sc, Ph.D
Principal & Secretary

Mobile : 94350-63617

Ref. :

Date :

NGC/10/order/2021/1351

Dated: 12/07/2021

To
Vision Enterprise
Noonmati, Guwahati-20
Kamrup(M), Assam

Sub- Work Order.

Ref: EOI No. Nil Dated.04/07/2021 in response to this office EOI notice
No.NGC/NECTAR-Equipments/01/21 dated . 14/06/2021.

Sir,

This is to inform you that your EOI under reference has been accepted by Purchase Committee and the work is hereby allotted to you with our terms & conditions. The work allotted as per your rate inclusive of GST and all other taxes and services as applicable.

You are requested to supply the required materials as per specification and requirement (given in Annexure-I and II) and start the work at the earliest possible to finish it within 30 days of issuing of this letter.

100 percent payment will be made separately by both colleges on successful completion, operational demonstration and entire satisfaction of the both college authorities. Bills have to be submitted in triplicate along with completion certificates (to be issued by Purchase Committee of college) separately.

Thanking you.


Principal,
B.N. College,
Dhubri(Assam)


Principal
Nowgong Girls' College
Nagaon
Principal
Nowgong Girls' College
Nagaon :: Assam

Copy to:

1. The Director General, NECTAR, New Delhi for information.
2. Nodal Officer, Procurement, NECTAR, New Delhi.
3. Accountant Nowgong Girls College, Nagaon.
4. Accountant B.N.College,Dhubri.

Principal
B.N. College
Dhubri(Assam)

Principal
Nowgong Girls' College
Nagaon(Assam)

N.B. Annexure I materials deliver at Nowgong Girls College, Nagaon
Annexure II materials deliver at B. N. College, Dhubri

Schedule of Supply detail of Procured Items:

ANNEXURE I

#	Component Details to be delivered to Nowgong Girls' College, Nagaon	Unit
1	Language Lab Platform Software 1+30 Consoles (500 Students)	Package
2	Hosting Server (LL Software)	1 No
3	NAS	1 No
4	SMART LED TOUCH PANEL	1 No
5	4K CAMERA	1 No
6	DESKTOP PC	10 Nos
7	LAN Installation	1 Job
8	6 KV UPS	1 No

ANNEXURE II

#	Component Details to be delivered to B. N. College, Dhubri	Unit
1	SMART LED TOUCH PANEL (65")	1 No
2	4K CAMERA	1 No
3	DESKTOP PC	10 Nos
4	LAN Installation	1 Job
5	6 KV UPS	1 No


 Principal
 B.N. College
 Dhubri(Assam)


 Principal
 Nowgong Girls' College
 Nagaon(Assam)
Principal
 Nowgong Girls' College
 Nagaon :: Assam



Office of the Principal
Nowgong Girls' College
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☎ : 03672 - 220667 (O)
Fax : 03672-220667
e_mail: ngcprincipal2@gmail.com
Website : nowgonggirlscollege.edu.in

Dr. Balin Kumar Bhuyan, M.Sc, Ph.D
Principal & Secretary

Mobile : 94350-63617

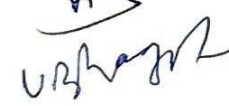
Ref. :

Date : 6/7/2021.....

Minutes of the meeting of Tender opening Committee

All together four(4) numbers of Tenders have been received from different firms for supply, installation and End to End Integration for Procurement of "Online E-Language cum Multimedia Lab" funded by NECTAR. The tenders have been opened in the office of the Principal, Nowgong Girls' College in presence of four members of the Committee. The papers and documents are found valid for all the firms. Out of the four tenders the VISION ENTERPRISE is found to be the lowest bidder in all items and Committee recommends to place order in favour of the VISION ENTERPRISE, Guwahati.



Principal
Nowgong Girls' College
Nagaon :: Assam

VISION ENTERPRISE

KISHAN COMPLEX, NAYAN NAGAR
NOONMATI, GUWAHATI-781020
E-mail : visionmr@gmail.com
GSTIN : 18ABWPB3131E1ZV

Ref: VE/PR/019/2021-22

DATE-22/03/2022

To

The Principal
Nowgong Gilrs College
Nagaon, Assam

Sub: Prayer for balance payment against order no. NGC/10/order/2021/1351 Dated.12/07/2021
Language Laboratory

Dear Sir,

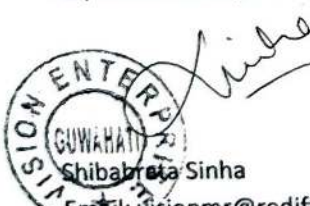
With reference to above subject we like to introduce our self Vision Enterprise an organization deals with all kinds of digital solutions supply, Installation and integration in educational institute for last 10-12 years in the North East Region.

We would like to bring to your notice that we have participated in the year of 2021-22 tender process. In the said reference, we have submitted of work invoice no against VE/21-22/23 Dt. 07-09-2021 & VE/20-21/015 Dt. 20-08-2021 but the said tender has been already closed.

We have already received 50% total invoiced value from this tender quoted amount. Therefore it is requested to kindly release the balance amount against 50% of total invoice value.

Thanking you & assuring you our best services at all times.

For, Vision Enterprise


Shibabrata Sinha
Email: visionmr@rediffmail.com
Mob: 09678930535

Accountant of pay


TAX INVOICE

Vision Enterprise

Kishan Complex, Nayan Nagar

Nagaon, Guwahati-781026

GSTIN/UIN: 18ABWPB3131E1ZV

E-Mail: visionmr@rediffmail.Com

Invoice No:

VE/20-21/015

Dated

20/08/2021

Delivery Note:

Payment T&C

Against Delivery

Order No - NGC/10/Order/2021/1351
dated - 12.07.2021

Buyer Details:

The Principal

Nowgong Girls College

Nagaon, Assam

GSTIN/UIN-18SHLN00145F1DY

Mob-9435063617

Despatch Document No.:

Delivery Note Date:

Despatched Through:

Self

Destination:

Nagaon

Terms Of Delivery:

Self

#	Description Of Items and Services	HSN/SAC	Qty	Rate	Price	IGST	INR	IGST	INR
1	Hosting Server (LL Software) (HP)	8471	1	245000	245000	9%	22050	9%	22050
2	Smart LED Touch Panel (spektron)	8528	1	191500	191500	9%	17235	9%	17235
3	Desktop PC (Acer)	8471	10	41500	415000	9%	37350	9%	37350
4	Online UPS 6 KVA (Numeric)	8504	1	90370	90370	9%	8133	9%	8133
5	4K PTZ Camera (PeopleLink)	8525	1	59000	59000	9%	5310	9%	5310

Pay for Rs.

7,68,192/-

(Rupees)

Seventy eight thousand one hundred ninety two and

Principal
Nowgong Girl's College
Nagaon, Assam

1000870

90078

90078

COMPANY'S ACCOUNT DETAILS:

PAN : 18ABWPB3131

BANK AC NAME: VISION ENTERPRISE

A/C NO.: 0005250022321

BANK : PUNJAB NATIONAL BANK

BRANCH & IFSC CODE: PUNB0000520

Total Amount Before Tax 1000870

Total Amount of IGST 90078

Total Amount of IGST 90078

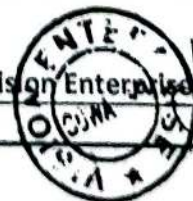
Total Amount of Billing 1181027

In Word: Eleven Lakh Eighty One Thousand Twenty
Seven Rupees OnlyDECLARATION: WE DECLARE THAT THIS INVOICE SHOWS THE ACTUAL PRICE OF THE GOODS DESCRIBED AND
THAT ALL PARTICULARS ARE TRUE AND CURRENT.

Customer's Seal And Signature

For, Vision Enterprise

Subject to Guwahati Jurisdiction.



Vision Enterprise

GSTIN/IN: 18ABWPB3131E1ZV

E-Mail : visionmr@rediffmail.Com

VE/21-22/23

07/09/2021

Delivery Note:

Payment T&C

Against Delivery	
------------------	--

Supplier's Order No: NTG C/10/order/2021/1351
Dated - 12/07/2021

Buyer Details:

The Principal

Nowgong Girls College

Haibargaon , Nagaon, Assam

GSTIN/UIN-18SHLN00145F1DY

Mob-9435063617

Despatch Document No.:

Delivery Note Date:

Despatched Through:**Destination:**

Self

Nagao'n

Terms Of Delivery:

Self

[illegible]

COMPANY'S ACCOUNT DETAILS:

PAN : 18ABWPB3131

BANK AC NAME: VISION ENTERPRISE

A/C NO.: 0005250022321

BANK : PUNJAB NATIONAL BANK

BRANCH & IFSC CODE: PUNB0000520

Total Amout Before Tax	288530
------------------------	--------

Total Amount of CGST	18392
----------------------	-------

Total Amount of SGST	18392
----------------------	-------

Total Amout of Billing	325315
------------------------	--------

In Word: Three Lakh Twenty Five Thousand Three Hundred Fifteen Only

DECLARATION: WE DECLARE THAT THIS INVOICE SHOWS THE ACTUAL PRICE OF THE GOODS DESCRIBED AND THAT ALL PARTICULARS ARE TRUE AND CURRENT.

Customer's Seal And Signature

For, Vision Enterprise

Subject to Guwahati Jurisdiction.

TAX INVOICE

Vision Enterprise

Kishan Complex, Nayan Nagar
Nagaon, Guwahati-781026
GSTIN: 18ABWPB3131E1ZV
E-Mail: visionmr@rediffmail.Com

Challan No:

VE/21-22/21

Dated

07/09/2021

Delivery Note:

Payment T&C

Against Delivery

Supplier's Order No: NGC/10/ORDER/2021/9059 DT.20.03.2021

Buyer Details:

The Principal
Nowgong Girls College
Haibargaon, Nagaon, Assam

Mob-9435063617

Despatch Document No.:

Delivery Note Date:

Despatched Through:

Destination:

Self

Nagaon

Terms Of Delivery:

Self

with No 195

#	Description Of Items and Services	HSN/SAC	Qty	Rate	Price	CGST	INR	SGST	INR
1	Open Source Software Customization & Development, Source Code Developer: KOHA Community and LYRASIS Software: 1. KOHA Library Management Modules 2. D-space Digital Repositories System Package Include: 1. For KOHA: a) Development and Customization as the college library needs on on-promises Server. b) OAPC management c) Old and New DATA Migration d) Training and Online or on-call Support Service 2. for D-Space: a) DSpace IR on Cloud Hosting Platform The Annual Subscription for 1 (One) Years b) DSpace IR Installation on Cloud c) DSpace Customization & Training	9983	1	127000	127000	9%	11430	9%	11430
					127000		11430		11430

Pay for Rs.

1,49,860

(Rupees)

One

Lakh Forty nine Thousand eight hundred and sixty only

Principal
Nowgong Girls College
Nagaon, Assam

COMPANY'S ACCOUNT DETAILS:

PAN : 18ABWPB3131

BANK AC NAME: VISION ENTERPRISE

A/C NO.: 0005250022321

BANK : PUNJAB NATIONAL BANK

BRANCH & IFSC CODE: PUNB0000520

Total Amount Before Tax 127000

Total Amount of CGST 11430

Total Amount of SGST 11430

Total Amount of Billing 149860

In Word: One Lakhs Forty Nine Thousand Eight Hundred Sixty Only

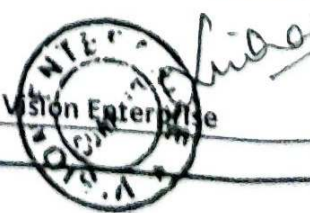
DECLARATION: WE DECLARE THAT THIS INVOICE SHOWS THE ACTUAL PRICE OF THE GOODS DESCRIBED AND THAT ALL PARTICULARS ARE TRUE AND CORRECT.

Librarian
Nowgong Girls College
Customer's Seal And Signature

For, Vision Enterprise

Subject to Guwahati Jurisdiction.

Rg 228
8/10/21





Office of the Principal
Nowgong Girls' College

(RE-ACCREDITED WITH GRADE 'A' BY NAAC)

Nagaon - 782002 : Assam

☎ : 03672 - 220667 (O)

Fax : 03672-220667

e_mail: ngcprincipal2@gmail.com

Website : www.nowgonggirlscollege.edu.in

Balın Kumar Bhuyan, M.Sc, Ph.D
Principal & Secretary

Mobile : 94350-63617

Ref. :

Date :

NGC/10/Order/2021/7059

20/3/2021

Vision Enterprise

Ghy-20

Sub- Work Order

As per your quotation dated 1-3-2021 you being the lowest bidder, you are requested to do the installation open sources software customization and Development in library of this college. Submit the bill for payment after completion the work.

Principal

Nowgong Girls' College

Nagaon, Assam

Principal

Nowgong Girls' College

Nagaon :: Assam

Memo no. NGC/10/Supply/2017/

Copy to

1.Accountant

2.Office file

Principal

Nowgong Girls' College

Nagaon, Assam



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

उत्तर पूर्वी प्रौद्योगिकी अनुप्रयोग एवं प्रसार केन्द्र (एनईसीटीएआर)

विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार का स्वायत्तशासी संस्थान
द्वितीय तल, विश्वकर्मा भवन, शाहीद जेत सिंह मार्ग, नई दिल्ली-110016
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North East Centre For Technology Application and Reach (NECTAR)

Autonomous Body of Department of Science and Technology, Govt. of India
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Ph.: +91-11-26566778, 42525646, 42525666

No. NECTAR (382)/DST/2021

8th June, 2021

To

- 1) The Principal
B N College,
Dhubri
Assam
- 2) The Principal
Nowgong Girls' college
Nagaon
Assam

Sub: Guideline for utilization of grant received as first instalment for setting of e language and multimedia lab at B N College Dhubri: forwarded of procurement guidelines.

Dear Sir,

May please refer your letter No. B.N.C/2020/92 dated 08.06.2021.

I am forwarding the Standard Operating Procedure & guidelines for adopting procurement of hardware and software related to the granted project from NECTAR.

However, you may adopt the procedure as per your prevailing guidelines & NECTAR will require the Utilization Certificate as per GFR format as entered in the MoU.

This is for your necessary information, please.

Thanking you,

C.T.C.
Principal
Nowgong Girls' College
Nagaon :: Assam

Yours faithfully,

(Rajendra Jena)
Deputy Director

North East Centre For Technology Application and Reach (NECTAR)

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Standard Operational Procedure (SoP) procurement Guidelines for the Procurement of Online E-Language cum Multimedia Lab

SoP Note:

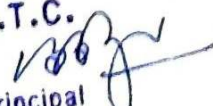
The approximate cost of the necessary Hardware and Software with good brand is revealed from open market through internet at about Rs 25 Lakhs. Therefore, the procurement must be through a transparent open Tender process. Both colleges are suggested to notify a "Two bid- (Technical and Financial)" Single Tender Notice on a mutual standing for smooth post procurement after-sales services.

1. A "Two bid" Single Tender Notice is to be notified in the widely circulated Daily Newspaper which is published from Assam by the college and upload on the college's website for reference.
2. Minimum 21-Day's notification period from the date of bid published to be provisioned for receipt of at least three bids.
3. Tender document should be entered with EMD value by the Tenderer as per the norms.
4. Tenderer Must submit the below-mentioned documents to secure his bid –
 - a) Manufacturing Authorising Certificate (MAC) against all core component hardware & software of the project with 3 (three) Years onsite service warranty.
 - b) Detailed Product specification/configuration of the bided Products as per the Annexure-I.
 - c) Minimum Bid price guarantee/validity for at least 2 (Two) months period.
 - d) GST certificate (from-6) of the bidder Organization.
 - e) Last 3 (three) ITR Return of the bidder Organization.
 - f) Establishment certificate of the bidder Organization.
 - g) Service Level Agreement (SLA) commitment agreement for 3 (three) years after-sales services.
 - h) Minimum 3(three) Completed work Experience related to IT System Integration Project of any Govt. Institution/Department preferably Govt. Educational institutions.
 - i) Details of Service Centres of bided Products must be Located at Assam and within 24 hrs service Down-Call uptime commitment (on a working Business Day).
5. Minimum 3 (Three) Bidder must participate on the Tender.
6. Basic Training and Product demonstration must be provided free of cost by the bidder Organization.
7. The successful Bidder can take 40% Advance amount of quoted bid value with the submission of 5% value of quoted bid as Bank Guaranty for Performance Warranty.
1. Balance payment on successfully installation and commission of the project duly certified by Authority of Colleges and NECTAR Department, Govt. of India.

Bid Selection procedure:

Three-member committee may be formed to evaluate the bids received and after successful technical evaluation the financial evaluation could be done for final selection of the Bidders as L-1 Bidder.

Note: However, the colleges may adopt the procurement procedure as per the state Govt./ Educational Department guidelines and as per state govt audit purposes. NECTAR will only require the Utilisation Certificate as per the GFR attached /entered in the MOU.

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Products Configurations Guidelines:

#	Products and Configurations Details	Remark
Core Components		
1	Language Lab (LL) Platform Software (1+40) or (1+20) Consoles (500 Students) Listening, Speaking, Reading & Writing (LSRW) Listen, Respond, Record, Evaluate & Monitor Lessons in Text, Audio and Video formats Self-assessment, Homework & E-Exam Save repeated lessons on Instructor module. E-Assignments (Assign, View and Evaluate Assignments) Graphical Representation or Voice Comparison Intercom (One on One Text & Audio Chat) Communicator (One to Many Text & Audio Chat) Supervisor (Real-time monitoring of students by activity indicator) Incognito Listening (Listen-to live voice of Student) Alert (Instructor's help required Indicator through text/audio chat) Student Performance and Attendance Reports Lesson Studio (Create Lessons in Text/Pdf/Audio/Video formats) Exercises with instant scoring Submit files to Instructor module for Evaluation. Parents Login & Management Login Multilingual Interface Supports on any OS (Windows/LINUX) Online or Cloud support LAP/TAB/ N-Computing / Thin Client support Integrated study materials	Software must be the option for Console's upgradation and work on the online web base processing engine.
2	LL software Hosting Server Processor - Intel Xeon 4 Core E3 or higher RAM – 16 GB DDR4 or higher Hard Disk – 240 GB SSD with 2 TB SATA or higher Tower Formfactor or 2U rack fitting	
3	Smart Touch LED Panel Basic Config: Active Screen Size ("inch) - 65" to 70" Display Backlight – LED Display Ratio – not less than 16:9 Pixel Resolution – not less than 1920 X 1080 Contrast Ration - not less than 3800:1 Touch Surface Material – Tempered glass Touch Surface Technology – Anti-Glare glass Brightness - not less than 340cd/m2 Screen Type - TFT LCD (Direct LED Backlight) Viewing Angle (H x V) - 178 x 178 Response Time - 8ms Protection Glass - Heat tempered (Anti- Glare) Ambient Light Sensor - Should be present. Multipoint touch - Continuous 10-point minimum. Angled Centre Console Should have Power Touch Screen Writing Tools - Nano Pen (>6mm width) included or Finger.	

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	Inbuild OPS with the Configurations of: Processor - Intel Core i5 8th Gen or Higher RAM – 16 GB DDR4 or higher Hard Disk – 240 GB SSD Push mount fitting	
4	4k PTZ Camera Sensor - The camera sensor should be 1/2.7", CMOS, Effective Pixel: 2.07M or better. Dual stream - Support two stream output (YUV, MJPEG, H.264 each of both), reduce the host codec pressure White Balance - Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push Minimal illumination - 0.5 Lux @ (F1.8, AGC ON) Lens - 10x, f4.7mm ~ 46.3mm, F1.8 ~ F2.8 Low-light - High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions. Digital Noise Reduction - 2D&3D Digital Noise Reduction Back Light Compensation - The camera should have a selectable Back-light compensation. S/N ratio - The camera should have a S/N Ratio of >55db or better. Zoom - The camera should have a 10x optical zoom and 16x digital zoom or better. Interface signal - The camera Video Output must support H.264 Slice/ H.264 SVC, Support Slice and SVC encoding mode, adapts to video, conference of advance USB application. Signal support - The camera should support / frame rate video format 1080P@30fps or better. Input/Output - 1xUSB for video out, 1xRS232 in: 8pin Min DIN, support VISCA/Pleco-D /Pleco-P Communication Interface USB Video Communication Protocol - UVC 1.0 Horizontal Range - The camera should have a Pan Rotation Angle of -170 degrees to +170 Degrees or better. Vertical Range - The camera should have a Tilt Rotation Angle of -30 degrees to +90 degrees or better. Accessory - The camera should be supplied with IR remote control as an included accessory. Pre-set Accuracy - 0.1° Accessories - The camera should be accompanied with Power Cable, Power adaptors if any, USB cables and remote control	
5	Desktop PC Processor - Intel Core i3, 9th Gen with Intel HD Graphics 630 or higher Dedicated Graphic processor – Nvidia 2GB DDR4 or higher Chipset - Compatible chipset with quoted processor Motherboard -OEM Motherboard with logo embossed Memory - 8 GB DDR 4 RAM expandable to 32 GB; Free minimum One DIMM slots Hard Disk - 1 TB Hard Disk Audio - High-Definition Integrated Audio Ethernet - Integrated Gigabit (10/100/1000 NIC) LAN & inbuilt Wi-Fi 802.11a/b/g/n/ac Slot - 1 x PCIe x16, 1xPCIe x1, 1xPCI, 1 M.2, Ports - Minimum 8 USB Ports (4 USB 3.1 Gen 1, 4 USB 2.0) out of which 4 USB ports should be in front for easy access (1) VGA video port; (1) HDMI Port (1) RJ-45 network connector (1) RS-232 serial port, 1 universal audio jack for headphone & MIC1 audio line in, 1 audio line out	

	Form Factor - Tower/Small form factor Power Supply - 180 W or higher power supply with 90% efficiency Keyboard/Mouse - USB 104 keys keyboard (Same make as PC) USB 2 Button Scroll Mouse (Same make as PC) Operating System Windows 10 Pro (OEM) Security SATA port disablement (via BIOS) Serial, USB enable/disable (via BIOS) Removable media write/boot control Power-On password (via BIOS) Administrator password (via BIOS) Setup password (via BIOS) Support for chassis padlocks and cable lock devices System Weight/ Volume Weight should be less than 9 KG and volume less than 9 L Monitor – 18.5" or higher	
6	Online UPS	
	Capacity (in kVA / kW) 6.0 kVA Single Phase Input / Single Phase Output Technology and Capability a) True Online configuration with double conversion UPS with Micro Control Based b) UPS should be designed at Rated PF of 0.8 Minimum (1Ph Input & 1Ph Output) Input Voltage range should be minimum 160-300 V AC Input Input facility -Phases / Wires 1-Phase / 2-Wire & Gnd (Phase & Neutral + Ground) Input Voltage Range 230V 160 - 300V AC (On 100% Load) 160 - 300V AC (On 100% Load) 110 -300 VAC (On 50% Load condition) Input Power Factor 0.99 on Full Load Input Current Harmonic Distortion (THDi) < 10% Generator Compatibility Compatibility to genset supply required. Output Nominal Output voltage 230 V Output Voltage Regulation $\pm 1\%$ Nominal Output Frequency 50Hz ± 0.1 Hz Output Frequency Regulation 47.5 to 52.5Hz Output Wave Form Pure sine wave Output Voltage Distortion (THDv) <2% Linear Load <5% Non-Linear Load Crest Factor 3:1 Efficiency AC/AC (overall efficiency) Up to 92% (Double Conversion) Overload capacity 105 - 110% 3 min 111 - 130% 30 sec Battery Backup Battery Bank Voltage 192-240V DC Battery Bank Van 5300 VAH for 30 mins backup Batteries Type (VRLA) Sealed Maintenance Free (SMF) - 12V Cells Battery Makes Amara Raja (Quanta make) / Exide power safe Communication RS232 Available Intelligent slot Optional - SNMP Operating temperature 0-40°C Continuous	

	Electrical Input terminal Input Breaker + Terminal Output terminal Terminal Features Converter mode Available Bypass parameters configurable Available Display LED + LCD Display Mechanical Ingress protection IP 20 Certification Standards Safety EN 62040-1 EMI / EMC EN 62040-2 Performance IEC 62040-3 Certification CE Certification ISO 9001 : 2015 RoHS Yes	
	Non - Core Components	
7	NAS for E-resource DATA Storage	
	Customizable Raid 0, 1, 5 and 10 6 TB Storage Dual core 1.6 GHz processor with 2GB RAM Stream all your videos, music and photos to DLNA certified devices	
8	LAN and Installation	
	As per project Lab room's requirements fix the college	

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