



Rayagada Autonomus College
Rayagada

Tender Document

For

**“Supply of Laboratory Equipment of
Physics(A), Chemistry (B), BJMC (C) and Geography (D)**

At

Rayagada Autonomus College”

Tender Document No: 27142903/2019-20/OHEPEE/004

Dated: 20th February, 2020

Issued By:

Principal,

Rayagada Autonomus College,

Rayagada-765001

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SCHEDULE OF TENDER

Tender No.	[27142903/ OHEPEE/ 2019-20/ 004]
Name of the tender issuer	Principal, Rayagada Autonomous College
Scope of Work	Supply of Laboratory equipment of Physics(A), Chemistry (B), BJMC (C) and Geography (D) Details as per Annexure I
Quantity to be supplied	As per Annexure I
Cost /fee of Tender Documents	Rs. 500/- in form of a DD drawn in favour of Principal, Rayagada Autonomous College payable at Rayagada
Earnest Money Deposit (EMD) (Separate for Each Part)	2% of Bid Value
Performance Bank Guarantee (PBG) (Separate for each Part)	5% of Bid Value
Date of issue of tender document	20 th February, 2020
Date & Time of Pre Bid clarification	25 th February, 2020, 10.00 AM
Last Date & Time for Submission of Bids	12 th March, 2020, 5.00 PM
Date & Time of Opening of Technical Bids	13 th March, 2020, 10.00 AM
Date & Time of Price Bid Opening	14 th March, 2020 10.00 AM
Name of the contact person for Communication	Dr. Pradeep Kumar Samantaray
Contact Number of the concern person	9444078968
Address for Communication	Principal, Rayagada Autonomous College, Rayagada-765001

ELIGIBILITY CRITERIA

The bidders who are desirous for above work require fulfilling the following conditions:

- 1) Must be registered under GST Act.
- 2) Must have average annual turnover for the last three years i.e. 2016-17,17-18, & 18-19 should not be less than Rs 2 Lakhs. The bidder must submit copy of audited balance sheet and profit & loss account certified by the Chartered Accountant along with the acknowledgement of Income tax return as a proof in the Technical bid.
- 3) Should not have been blacklisted by any State Govt. / Central Govt. / PSU in India. A self declaration is required as per **Annexure IV**.
- 4) Must have a valid PAN.

BID SUBMISSION

Steps to be followed for submission of bid:

1. The bid shall be submitted in three parts, the EMD, Technical Bid & the Price Bid.

- i) **Earnest money Deposit (EMD):** Bidder has to submit EMD of required amount in the form of Demand draft .

Order drawn in favour of “**Principal, Rayagada Autonomous College**” payable at Rayagada. The EMD should be sealed in one envelope marked as “EMD”.

Earnest Money Deposit will not carry any interest. The EMD of unsuccessful bidders will be refunded on acceptance of the work order by the successful bidder. The EMD of successful bidder will be returned on submission of performance security.

The bid not accompanying EMD is liable to be rejected.

- ii) **The Technical bid** sealed in another envelope marked as “Technical Bid” and shall contain

- The bidder should supply the items as per technical specification mentioned in **Annexure I**. The list of items available with the tenderer.
- The bidder should Details as per **Annexure II**, duly filled in, signed and complete in all respects. No alteration / modification in the format shall be permitted.
- A self declaration that the tenderer has not been blacklisted by any State Government/ / Central Govt. / PSU in India as per **Annexure IV**.
- Audited balance sheet and profit & loss account along with copy of acknowledgement of Income Tax return of last three financial years i.e. 2016-17, 17-18, & 18-19.

- (iii) **The Price bid** shall be sealed in an envelope marked as “Price Bid” and shall contain the price bid as per **Annexure III** duly completed in all respects.

Rate quoted should be inclusive of GST. No extra cost will be borne by the college towards transport of goods. No price increase on account of change in tax structure, duties, levies, charges etc shall be permitted.

The three separate envelope containing EMD, technical bid and price bid should be sealed in one envelope and should be addressed as per tender schedule super-scribed as **“Supply of Laboratory equipment of Physics(A), Chemistry (B), BJMC (C) and Geography (D)”**

GENERAL TERMS AND CONDITIONS OF THE BID

Note: Bidders must read these conditions carefully and comply strictly while submitting their bids.

- 1) Bidder shall prepare the bid and submit it in a sealed envelope addressed to Principal, Rayagada Autonomous College, Rayagada and send it through **Speed Post/Registered Post/Courier only** (no hand delivery will be entertained). Each envelope should bear the name of bidder, along with the tender number. However the authorities shall not be responsible for postal and other delays in receipt of the bids.
- 2) Bidders are requested to check for any notice /amendment/ clarification etc. to the Tender Document through the website **[www. rayagadacollege.edu.in](http://www.rayagadacollege.edu.in)** / **Notice board of the office of Rayagada Autonomous College**. No separate notification will be issued for such notice / amendment /clarification etc. in the print media or individually.
- 3) The Bidders should note that Prices should not be indicated in the Technical bid and should be quoted only in the Price Bid as per **Annexure III**. In case the prices are indicated in the Technical bid, the bid shall stand rejected.
- 4) **"PRE-BID Meeting"** with the intending bidders shall be held on 25.02.2020 from 10:00 A.M. at Rayagada Autonomous College. Any queries related to this tender shall be sent to the mail id: **rayagadacollege@gmail.com** 1 day in advance. The clarifications if any will be uploaded in the in the department web site. All bidders are invited to attend the pre-bid meeting. No deviation to any of the terms will be permitted after freezing of the same at pre-bid meeting. On the date of pre bid meeting the bidders may make a site verification where installations is to be made.

5) OPENING OF TECHNICAL BID

The Technical proposal will be opened on 13.03.2020 at 10:00 A.M in the presence of the tender Committee and representative of the bidders. No separate intimation will be given to the bidders in this regard.

6) EVALUATION PROCESS

Technical proposals will be evaluated on the basis of compliance to eligibility criteria, technical specification, and other terms & conditions stipulated in the tender document. Financial proposal will be opened only of those bidders who qualify in the technical evaluation. The Committee reserves the right to reject any or all the tenders without assigning any reason thereof.

- 7) **Award of Contract:** Financial bids with lowest price quotation for the assignment as per Annexure-III will be considered for negotiations and award of contract. However where there is tie between bidders in lowest evaluated package price, the person having highest financial turnover in the preceding 3 financial year will be given preference.

- 8) **PERFORMANCE BANK GUARANTEE:** The selected bidder shall deposit performance security of 5% of bid Value in the form of a demand draft/ fixed deposit receipt from a commercial bank / bank guarantee from a commercial bank within Fifteen (15) working days of the date of notice of award of the tender. The performance security deposit will be retained till completion of the warranty period.

- 9) The bids not submitted in prescribed format or in prescribed manner, shall be rejected by the Tender Committee at the risk and responsibility of the bidder.

- 10) All the information as called for in the tender document should be submitted truly, clearly, legibly, transparently, unambiguously and without using abbreviations.

- 11) In the financial bid the total figures should be written in figures followed by words

- 12) Each page of the tender document should be signed by the bidder with seal, in token of having understood and accepted the terms and conditions of the contract and serially numbered and page marked.

- 13) A bid submitted cannot be withdrawn. The bidder or his authorized representative (one person only) will be allowed to be present at the time of opening of tenders.

- 14) The Tendering Authority reserves the right to accept any bid, and to annul the bid process and reject all bids at any time prior to award of contract, without assigning reasons & without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for the action.

- 15) All the transit risks shall be the responsibility of the supplier.

- 16) All the disputes shall be subjected to the jurisdiction of Civil Courts situated in Rayagada.

- 17) Any matter which has not been covered under these provisions shall be governed as per the provisions of Odisha State Government Rules.
- 18) If the work is found un-satisfactory or, if the firm dishonors the contract, the Performance Security Deposit may be forfeited and the job may be entrusted to another firm. In this regard the decision of the Committee is final and binding on the contractor.
- 19) Any notice given by one party to the other pursuant to this contract shall be sent in writing to Principal, Rayagada Autonomous College, Rayagada - 765001.
- 20) **Payment Terms:** All payments will be made within 30 days of submission of invoice, based on completion of respective terms & conditions. TDS will be deducted as per the rules. The invoice will be raised in favour of Principal, Rayagada Autonomous College, Rayagada.
- 21) **Completion Period:** The work shall be completed in all respect within 30 days from the date of issue of work order.
- 22) A firm can apply for any Part(s) or whole of the tender. The EMD(s) and Performance Bank Guarantee(s) for Part(s) are to be provided separately for each Part(s).

ANNEXURE – I

Items to be Supplied and Installed

PART A (Physics)

Sl. No.	Name of the equipments	Quantity
1	Apparatus to verify Norton theorem	3
2	Apparatus to verify Thevenin Theorem	3
3	Dasauty's Bridge (digital)	3
4	To study characteristic of R-C circuit	3
5	To study the variation of Thermo-EMF of a Thermo couple with difference of temperature of its two junctions	3
6	To study Colpitt and Hartley oscillators	3
7	To study the V-I characteristics and power curves of a solar cell	3
8	Four probe method with digital temperature measurement	3
9	To design an a stable multivibrator of given specification using 555 timer	3
10	To verify Stefan's constant	3
11	To determine Boltzman constant using V-I characteristics of P-N junction diode	3
12	Battery Eliminator (regulated)	4

PART B (Chemistry)

SL NO.	DESCRIPTION	SPECIFICATION	UNIT
1	MUFFLE FURNANCE	MAKE:AGNEE RANGE:1000 C	1
2	REFRIGERATOR	DOUBLE DOOR 3 STAR CAPACITY: MIN. 250 LITRE MAKE: LG, SAMSUNG	1
3	MAGNETIC STIRRER WITH HOT PLATE	MAKE:GLASSO/JSGW TEMP:0 TO 350 DEG RPM:50-500, CAPACITY:2 LTR	1
4	DIGITAL POTENTIOMETER	MAKE:SYSTRONICS/SEMARDZU/THERMO	2
5	DIGITAL CONDUCTOMETER	MAKE: SYSTRONIC/ SEMARDZU/THERMO	1
6	PAPER CHROMOTOGRAPHY	46*57CM	1 PACKET
7	DIGITAL COLORIMETER	MAKE: ELECTRONIC INDIA, SYSTRONIC RANGE:400-700NM,8FILLER	3

8	G4 CRUCIBLE	30ML	10
9	G3 CRUCIBLE	30ML	10
10	OXINE	SIGMA ALDRICH CODE:H6878 25G	2
11	DITHIOXIMIDE	SIGMA ALDRICH CODE:3793875G (WITH SPRAYER)	2

PART C (BJMC)

SL NO.	ITEMS NAME	DESCRIPTION	UNIT
1	HANDYCAM	(SONY HDRCX 405,9.2MP, HD) Optical zoom: 30X CMOS Sensor, LCD Display	1NO.
2	BOOM		5NO.
3	TRIPOD	Min height: 500 mm,	1NO.
4	DSLR CAMERA	NIKON CANON, 24MP, HD Min storage capacity: 68 GB Wi-fi compatible	1NO.
5	DIGITAL VOICE RECORDER		2NO.

PART D (Geography)

Sl. No.	Item Name	Description	Unit
1	Tracing Table	Size 3'x1/2 with a height of 35 wooden framed	2
2	Map display stand		2
3	Topographical map 3D models	Make: Rico Florence/Nystrom	2
4	Globe	8 inch diawooden	1+1
5	3D physical maps World	Make: Rico Florence/Nystrom Size: 4' x 3' min	1
6	3D physical maps India	Make: Rico Florence/Nystrom Size: 4' x 3' min	1
7	3D physical maps Odisha	Make: Rico Florence/Nystrom Size: 4' x 3' min	1
8	3D physical maps Rayagada	Make: Rico Florence/Nystrom Size: 4' x 3' min	1
9	3D physiographic model of interior earth	Make: Rico Florence/Nystrom Size: 4' x 3' min	2
10	3d pictures of Rock	Topographical map scale: 1:25000 inch	2

11	Picture of volcanic eruption with color shading	Topographical map scale: 1:25000 inch	2
12	3D physiographic model folding and faulting	Topographical map scale: 1:25000 inch	2
13	3D Picture of River system	Topographical map scale: 1:25000 inch	2
14	3D Erosional land forms of Fluvial	Topographical map scale: 1:25000 inch	1
15	3D Erosional land forms of River	Topographical map scale: 1:25000 inch	1
16	3D Erosional land forms of Aeolian	Topographical map scale: 1:25000 inch	1
17	3D Erosional land forms of Glacial	Topographical map scale: 1:25000 inch	1
18	3D Erosional land forms of Costal	Topographical map scale: 1:25000 inch	1
19	Depositional land forms Fluvial (River)	Topographical map scale: 1:25000 inch	1
20	Depositional land forms Aeolian	Topographical map scale: 1:25000 inch	1
21	Depositional land forms Glacial	Topographical map scale: 1:25000 inch	1
22	Depositional land forms costal	Topographical map scale: 1:25000 inch	1
23	Contour line picture map	Topographical map scale: 1:25000 inch	1
24	Thermometer	aneroid	1
25	Barometer	Make: Aneroid	1
26	Wind vane	Iron stand, L: 21.2 inch, B: 7", H: 2.5"	1
27	Rain gauge	Make: Aneroid, ABG Glass, 20 mm, cylinder shape	1
28	Anemometer	Make: Aneroid	1
29	Hydrometer	Make: Aneroid	1
30	Hygrometer	Make: Aneroid	1
31	Geometry box	Large Size, (Wood map)	1
32	spirit level		1
33	Trough compass	15 cm	1
34	Measuring tape		1
35	Magnetic compass		1
36	Plane table		1
37	Relief features of Ocean basin with 3D picture	Topographical map scale: 1:25000 inch	1
38	Oxygen and carbon cycle picture	Topographical map scale: 1:25000 inch	1
39	Sea floor spreading	Topographical map scale: 1:25000 inch	1
40	Origin of Earth 3D picture	Topographical map scale: 1:25000 inch	1
41	Zigsofit map N-S America 3D picture	Topographical map scale: 1:25000 inch	1
42	Pragmatic Compass		1
43	Camera	MAKE: NIKON, CANON 16 MP, 30X ZOOM, WI-FI CAPABLE	1

ANNEXURE – II**DETAILS OF THE TENDERER**

Sl. No	Particular	
1	Name of the Firm/Agency/Company	
2	Registered office Address & Complete postal address	
3	Telephone Number &E-Mail Id	
4	Name of Authorized Signatory (in block letters)	
5	Contact No.of authorized signatory	
6	Type of /Firm (Proprietary/ Partnership/ Pvt .Ltd./Public Ltd)	Tenderer has to provide relevant documents (with the technical bid) as a proof of firm type.
7	Date of Establishment and Experience in business (In number of years)	Work order to be attached for complying point no 4 of eligibility criteria
8	G.S.T. Registration No.	
9	PAN No.	
10	Details of Earnest Money Deposit i.e Draft no, date and bank name.	
11	Yearly turnover of the organization during last 3 years (yearwise) and furnish audited balance sheet and Profit and Loss A/c for the last 3 years. 2015-16 2016-17 2017-18	
12	Furnish the names of 3 responsible persons along with their designation, address, Telephone Number etc. for whose organization, you have completed /work in progress as mentioned in Annexure V and who will be in a position to certify about the performance of your organization.	

Date:**Place:****Signature & Seal of the Bidder**

ANNEXURE – III

PRICE SCHEDULE

To,
Principal,
Rayagada Autonomous College,
Rayagada-765001

Ref: Bid no. ----- Dated -----

Sir,

I / We _____ hereby offer to supply the following items of Part _____ at the prices and within the period indicated below:

<u>Sl No.</u>	<u>Description</u>	<u>Qty. in Nos.</u>	<u>Unit Price</u>	<u>Total Amount</u>
<u>1</u>				
<u>2</u>				
<u>3</u>				
<u>Total</u>				

It is herewith certified that we have understood the general Terms and Conditions of the bid and our offer is to supply items strictly in accordance with the requirements and the terms mentioned in the bid.

Note

No change in the Performa is permissible.

Date:

Place:

(Signature and seal of the bidder)

ANNEXURE – IV

SELF DECLARATION FOR NOT BLACK LISTED

To,
The Principal,
Rayagada Autonomous College,
Rayagada- 765001

Ref: Tender no. ----- Dated: -----

Madam/Sir,

I / We.....here by confirm that our firm has not been
banned or blacklisted by any Government organization/Financial institution/Court
/Public sector Unit /Central Government.

Date:

Place:

Signature & Seal of the Bidder

Pullachandrasekhar Sankar
19/12/2020

PRINCIPAL
RAYAGADA (AUTO) COLLEGE
RAYAGADA