



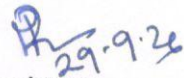
DHARANIDHAR UNIVERSITY, KEONJHAR
(Formerly D.D.Autonomous College, Estd-1957)
PIN-758001, Keonjhar, Odisha

No. 3800 /Date 29.09.2026

SHORT TENDER CALL NOTICE

Sealed tenders are invited from registered & reputed OEM/Agencies for supply of laboratory equipments at Dharanidhar University, Keonjhar-758001, Odisha in the prescribed format as per the requirement enclosed in (Annexure-A). Bid documents with detail terms and conditions can be downloaded from <https://dduniversity.ac.in> on payment of Rs.2000/- (non-refundable) in shape of DD in favour of Comptroller of Finance, Dharanidhar University, payable at Keonjhar. The sealed tender (Superscribing the items for which bid submission is done) with all supporting documents should reach the Office of the Registrar, Dharanidhar University, Keonjhar-758001, Odisha by Speed Post on or before Dt.28/10/2026 (5:00 PM) which will be opened on 05/11/2026 at 3:00 PM in presence of bidders or their authorized representatives.

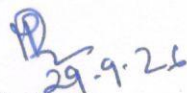
The undersigned reserves the right to accept or reject any or all tenders without assigning any reason thereof and will not be responsible for any postal delay. No correspondence on this regard will be entertained.


Registrar

Dharanidhar University, Keonjhar

Memo No. 3801 /Date: 29.09.2026

1. Copy to P.S to VC for kind information of the VC, Dharanidhar University, Keonjhar.
2. Copy to Chairman, PG Council, Dharanidhar University, Keonjhar for information.
3. Copy to COF for information with a request to meet the expenses from the funds received from Govt.
4. Copy to Chairman-cum-Convener of Lab Equipment purchase committee for information.
5. Copy to OIC, Website for uploading the short tender call notice along with bid document.


Registrar

Dharanidhar University, Keonjhar

DHARANIDHAR UNIVERSITY, KENDUJHAR

(Formerly DD Autonomous College, Estd. 1957)

TENDER DOCUMENT

QUALITY-CUM-COST BASED SELECTION (QCBS)

FOR PURCHASE, SUPPLY, INSTALLATION, COMMISSIONING, CALIBRATION AND WARRANTY SUPPORT OF SCIENTIFIC EQUIPMENT FOR UNIVERSITY LABORATORIES

Particular	Details
Tender Reference No.	[DDU/PROC/SCI-EQUIP/QCBS/ <u>001</u> /2026-27]
Tendering Authority	Registrar, Dharanidhar University, Kendujhar
Mode of Procurement	Open Tender
Tender Type	Two-Bid System / Two-Envelope System
Selection Method	Quality-Cum-Cost Based Selection (QCBS)
Technical : Financial Weightage	70 : 30
Estimated Tender Value	₹ [50 Lakhs only] (inclusive/exclusive of applicable taxes as specified)
Bid Validity	180 days from the last date of submission, unless otherwise specified
Delivery Period	Normally 90 days from date of Purchase Order; item-wise period as specified
Performance Security	[5% / as applicable under prevailing rules]
Warranty	Minimum 3 years comprehensive warranty unless item schedule specifies otherwise
Tender Issue Date	[29/09/2026]
Last Date & Time of Submission	[28/10/2026, 5:00 PM]
Technical Bid Opening	[05/11/2026, 3:00 PM]

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Dharanidhar University

IMPORTANT NOTICE TO BIDDERS

- This Tender Document is intended for procurement of scientific equipment for teaching, research, testing and laboratory development at Dharanidhar University, Kendujhar.
- The procurement shall be governed by the Odisha General Financial Rules (OGFR), 2023, as amended/updated from time to time, applicable Government of Odisha procurement instructions, applicable Government of India procurement policies, and the terms of this Tender Document.
- QCBS shall be adopted only where duly approved/authorized by the Competent Authority under the applicable procurement framework. The Tender Committee/Evaluation Committee shall evaluate bids strictly on the pre-disclosed criteria.
- No bidder shall claim any right to award merely because it has submitted the lowest price or the highest technical score. Award shall be based on the highest combined QCBS score, subject to responsiveness, budget availability, reasonableness of rates and approval of the Competent Authority.
- The University reserves the right to accept or reject any or all bids, cancel or re-tender the procurement, increase/decrease quantities, or omit items, in accordance with applicable rules and without assigning any reason beyond what is legally required.

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SECTION 1 – NOTICE INVITING TENDER / TENDER SUMMARY

Dharanidhar University, Kendujhar invites bids from eligible and reputed Original Equipment Manufacturers (OEMs), authorized distributors/dealers, or eligible system integrators, as permitted under the tender conditions, for supply, installation, commissioning, demonstration, calibration and comprehensive warranty support of scientific equipment for its laboratories.

1.1 Tender Summary

Item	Particular
1	Name of Procurement: Purchase of Scientific Equipment for Laboratories
2	Tender No.: [DDU/PROC/SCI-EQUIP/QCBS/ <u>001</u> /2026-27]
3	Procuring Entity: Dharanidhar University, Kendujhar
4	Tendering Authority: Registrar, Dharanidhar University, Kendujhar
5	Procurement Method: Two-Bid / Two-Envelope System
6	Evaluation: QCBS – Technical 70%, Financial 30%
7	Minimum Technical Qualifying Score: 70/100
8	Contract Type: Item-wise / Lot-wise / Package-wise, as specified in Schedule of Requirements
9	Bid Security/EMD: As specified in Bid Data Sheet, subject to applicable exemptions
10	Performance Security: As specified in Bid Data Sheet
11	Warranty: Minimum 3 years comprehensive unless otherwise stated
12	Delivery: At DDU laboratory/site specified in Purchase Order

1.2 Indicative Procurement Categories

Sl.	Laboratory / Discipline	Indicative Equipment Category	Qty.
1	Physics	Optics, spectroscopy, electronics, measurement and experimental systems	1
2	Chemistry	Analytical instruments, heating, weighing, spectroscopy and sample preparation	2
3	Botany	Microscopy, plant physiology, molecular/biological laboratory equipment	--
4	Zoology	Microscopy, histology, molecular/biological laboratory equipment	--
5	Geology	Petrography, mineral analysis, sample preparation and field instruments	3

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SECTION 2 – BID DATA SHEET

Parameter	Requirement
Procuring Entity	Dharanidhar University, Kendujhar, Odisha
Address	Registrar, Dharanidhar University, North Campus, Kendujhar -758001, Odisha
Contact Officer	Director, Research & Development Cell, Dharanidhar University, Kendujhar Mail id: director.rd@dduniversity.ac.in
Application Fee	Rs 2000/- (Rupees two thousand only) (non-refundable) in the form of demand draft in favor of Comptroller of Finance, Dharanidhar University, Kendujhar
Bid submission platform	By Speed post only
Bid language	English
Currency	Indian Rupees (INR)
Bid validity	180 days from last date of submission
Technical bid	Submission with documentary evidence and compliance statement
Financial bid	Bill of Quantities (BOQ)/price schedule in prescribed format only
Physical samples	Only where specifically required in the item schedule
Last date for bid submission	28/10/2026; 05:00 PM
Technical bid opening	05/11/2026; 3:00 PM
Financial bid opening	Only for technically qualified and responsive bidders: To be informed latter
Technical weight	70 points
Financial weight	30 points
Technical qualifying threshold	70 points out of 100
Performance security	5% of contract value / prevailing applicable requirement
Bid Security/EMD	2% of the Bid value subject to applicable exemptions.
Warranty	Minimum 3 years comprehensive from date of final acceptance
Installation	Included in quoted price.
Calibration	Included; traceable calibration certificate where applicable
Training	At least one on-site user training session per supplied equipment/system to be included in quotation.
AMC/CMC	AMC/CMC for years 4 & 5 beyond warranty period. Price should be quoted separately item-wise after warranty.
Taxes	As applicable on the date of supply/invoicing; treatment shall be as stated in financial schedule
Price validity	Firm during the entire bid validity and contract period, unless price variation is expressly permitted

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2.1 Documents to be Submitted

- Signed and stamped Technical Bid / Tender Acceptance Letter.
- Bidder's profile and constitution documents.
- Certificate of incorporation/registration and GST registration.
- PAN and statutory registrations, as applicable.
- Udyam Registration Certificate, if claiming MSME benefits.
- OEM authorization letter, wherever bidder is not the OEM.
- Manufacturer's technical literature/datasheet/catalogue for each offered model.
- Detailed item-wise compliance statement against every technical specification.
- Evidence of past supply and successful installation/commissioning of similar equipment, wherever required.
- Audited financial statements / turnover certificate, wherever prescribed.
- Warranty and service support undertaking.
- Undertakings relating to non-blacklisting/debarment, conflict of interest, integrity and compliance.
- Bid Security/EMD or exemption certificate, as applicable.
- Any other document specifically required in the tender.

SECTION 3 – INSTRUCTIONS TO BIDDERS

3.1 General

- Bidders shall examine the Tender Document carefully and satisfy themselves regarding all conditions, specifications, site conditions, installation requirements and statutory requirements before submitting a bid.
- Submission of a bid shall be deemed to constitute acknowledgement that the bidder has understood and accepted the tender conditions, except deviations expressly stated in the deviation schedule.
- Conditional, incomplete, vague or materially non-responsive bids may be rejected.
- The University may seek clarification on a bid for evaluation purposes. Such clarification shall not permit the bidder to change the substance of its bid or price.
- All communications shall be made through the procurement portal or the official contact specified in the Bid Data Sheet.

3.2 Two-Bid System

1. Technical Bid shall contain all technical, commercial and qualification documents but shall not contain price information.
2. Financial Bid shall contain only the prescribed price schedule/BOQ and financial information requested in the tender.
3. Financial bids of only those bidders meeting the minimum technical qualifying score and other responsiveness requirements shall be opened.
4. The University may require product demonstration/presentation or clarification as part of technical evaluation where specifically provided in the tender.

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3.3 Consortium / Joint Venture / Subcontracting

Consortium/JV participation shall be permitted only if expressly stated in the Bid Data Sheet. Routine subcontracting of installation, maintenance or specialist services may be permitted with prior written approval; however, the prime bidder shall remain fully responsible for performance, warranty and contractual obligations.

3.4 OEM / Authorized Channel Partner

- Where the bidder is not the OEM, a current authorization from the OEM for the offered model(s) shall be submitted.
- The authorization shall specifically permit supply, installation, warranty support and after-sales service in Odisha/India, as applicable.
- The OEM shall confirm availability of genuine spare parts and technical support for at least the stated support period.
- For imported equipment, the bidder shall disclose the country of origin and provide all required import/compliance documentation.

3.5 Pre-Bid Meeting and Clarifications

Bidders are strongly advised to attend the pre-bid meeting. Requests for clarification shall be submitted in the prescribed manner by the deadline stated in the Bid Data Sheet. The University may issue corrigendum/addendum, which shall form part of the Tender Document.

3.6 Deviations

All deviations from the specifications and conditions shall be explicitly listed in the Deviation Schedule. Silence shall be treated as compliance. However, a bidder shall not be deemed compliant merely by marking 'Yes' where the supporting specification/document is absent.

3.7 Right to Accept / Reject

The University reserves the right to accept or reject any bid, annul the tender, re-invite bids, split the award among bidders where justified, or place item-wise/lab-wise/lot-wise orders, subject to applicable rules and Competent Authority approval.

SECTION 4 – SCOPE OF SUPPLY AND SERVICES

Unless otherwise stated item-wise, the scope shall include the following:

- Supply of brand-new, unused, current-production scientific equipment of the quoted make/model.
- Transportation, transit insurance, unloading and safe delivery at the designated University laboratory/store.
- Installation, assembly, integration and commissioning at the designated site.
- Demonstration of all major functions and performance parameters.
- Initial calibration/verification and provision of calibration certificate where applicable.
- Provision of user manuals, service manuals, circuit diagrams and operating documentation, wherever applicable.
- Provision of all standard accessories, cables, connectors, software, licenses and consumables required for normal operation during the warranty period, unless specifically excluded.
- On-site training for faculty/research scholars/technical staff designated by the University.

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- Comprehensive warranty and corrective maintenance.
- Supply of replacement parts during warranty at no additional cost where failure is attributable to manufacturing/design/workmanship.
- Technical support through telephone/email/online and on-site support as required.
- Software updates/firmware updates included in the quoted scope where they are normally supplied by the OEM during warranty.
- Any special foundation, electrical, environmental or utility requirement shall be clearly declared by the bidder before award.

4.1 Site Readiness

The bidder shall inspect or assess the site requirements before installation. Any requirement for dedicated power, earthing, air-conditioning, gas line, water, drainage, networking, vibration isolation, UPS or other utilities shall be clearly identified in the technical bid. The bidder shall not subsequently claim additional payment for requirements that were reasonably foreseeable from the tender specifications.

4.2 Bundled / System Equipment

Where an equipment package consists of multiple components, the bidder shall quote the complete functional system. All components necessary for the stated performance shall be included. The University shall not be required to procure essential omitted components separately merely to make the supplied system operational.

SECTION 5 – ELIGIBILITY AND QUALIFICATION REQUIREMENTS

Sl.	Criterion	Minimum Requirement	Evidence
1	Legal status	Registered legal entity / proprietor / partnership / company / authorized institutional supplier as permitted	Registration/ incorporation documents
2	GST	Valid GST registration, where applicable	GST certificate
3	PAN	Valid PAN	PAN copy
4	OEM status	OEM or authorized distributor/dealer; OEM authorization mandatory for non-OEM bidder	OEM certificate/authorization
5	Experience	At least 3 similar supplies/installations in the last 5 financial years, unless item schedule specifies otherwise	POs + completion/ installation/ acceptance certificates
6	Financial capacity	The minimum average financial turnover of the bidders of the offered product during last 3 years ending on 31st March of the previous financial year should be as indicated in the bid document.	Audited statements / CA certificate
7	Service capability	Service support arrangement in Odisha or a clearly defined regional service mechanism	Service centre details / undertaking
8	Non-debarment	Not debarred/blacklisted by Government/PSU/autonomous institution, subject to applicable declaration requirements	Undertaking
9	Statutory compliance	Compliance with applicable laws, taxes, labour, safety and product regulations	Undertaking/ certificates as applicable

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Note on qualification criteria: The University shall tailor turnover and experience thresholds to the nature, complexity and estimated value of each equipment package. Criteria shall not be framed in a manner that unnecessarily restricts competition or favours a particular make/model.

5.1 Make-in-India / Local Content / MSME / Other Preferences

Applicable procurement preferences and relaxations notified by the Government of India and Government of Odisha, including applicable Public Procurement (Preference to Make in India) policy and Odisha procurement preference policies for eligible Micro and Small Enterprises, shall be applied as in force on the date of tender, subject to the eligibility conditions and the tender platform rules.

5.2 Past Performance

Past performance shall be evaluated only on the basis of verifiable documentary evidence. The University may contact previous clients for verification. Adverse performance, repeated non-compliance or unresolved warranty/service issues may be considered in accordance with applicable rules.

SECTION 6 – TECHNICAL SPECIFICATIONS AND SCHEDULE OF REQUIREMENTS

The detailed item-wise technical specifications shall be inserted as Annexure-A. Specifications should ordinarily be performance-based and functional, with objective measurable parameters. Brand/model references, if unavoidable for compatibility, shall be accompanied by the appropriate 'or equivalent' treatment and technical justification, subject to applicable procurement rules.

6.1 Model Schedule of Requirements

Sl.	Equipment / Item	Minimum Technical Specification	Qty.	Warranty	Delivery
1	Flame Photometer	Details in Annexure-A	01	3 years	90 days
2	UV-Visible Spectrophotometer	Details in Annexure-A	01	3 years	90 days
3	Atomic Absorption Spectrometer	Details in Annexure-A	01	3 years	90 days
4	FTIR Spectrophotometer	Details in Annexure-A	01	3 years	90 days
5	Thermoluminescence Setup	Details in Annexure-A	01	3 years	90 days
6	Gas Chromatograph	Details in Annexure-A	01	3 years	90 days

6.2 Technical Compliance Principles

- Every parameter shall be answered as Complied / Not Complied / Partially Complied, supported by catalogue or manufacturer documentation.
- Generic statements such as 'Yes', 'As per tender' or 'Complied' without documentary support may not receive technical credit.
- Where a bidder offers a superior parameter, the exact offered value shall be stated and documented.
- Any deviation affecting functionality, accuracy, capacity, range, sensitivity, safety, compatibility, throughput or performance shall be disclosed.

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- For equipment requiring calibration, the bidder shall state calibration standard, traceability and calibration interval.
- For software-enabled equipment, the bidder shall specify operating system compatibility, software version, licence type, number of users/computers and update/support terms.

6.3 Technical Compliance Statement – Format

Parameter	Tender Requirement	Bidder's Offered Specification	Compliance	Supporting Document/Page
1	[Requirement]	[Exact offered value]	Yes/No/Partial	[Catalogue p. __]
2	[Requirement]	[Exact offered value]	Yes/No/Partial	[Catalogue p. __]
3	[Requirement]	[Exact offered value]	Yes/No/Partial	[Catalogue p. __]

SECTION 7 – QCBS EVALUATION METHODOLOGY

The procurement shall be evaluated using a Quality-Cum-Cost Based Selection methodology with a technical weight of 70% and financial weight of 30%, subject to approval and applicability under the governing procurement rules.

7.1 Stage-I: Preliminary Responsiveness

The following shall be checked before detailed technical scoring:

- Bid submitted within prescribed time and through prescribed platform.
- Bid security/EMD or valid exemption submitted, where applicable.
- Required forms, declarations and statutory documents submitted.
- Bidder meets mandatory eligibility requirements.
- OEM authorization submitted wherever required.
- Technical bid does not contain price information.
- The bid is not materially conditional or incomplete.

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7.2 Stage-II: Technical Evaluation – 100 Marks

Technical Criterion	Maximum Marks	Evaluation Basis
A. Compliance with mandatory technical specifications and functional performance	35	Objective compliance with item-wise specifications; measurable superior performance may receive additional marks only where pre-defined
B. Quality, accuracy, reliability and technology level	15	Documented performance, accuracy, repeatability, reliability, automation, safety and relevant certifications
C. OEM / bidder experience and successful installations of similar equipment	15	Verifiable supplies/ commissioning in relevant institutions/laboratories
D. Warranty, service network, response time and spare-parts support	15	Service infrastructure, qualified engineers, response/repair commitments and spare availability
E. Installation, commissioning, training and calibration plan	10	Quality and completeness of implementation/ support plan
F. Demonstration / presentation / sample performance, where applicable	10	Objective assessment against pre-disclosed functional criteria
TOTAL	100	

Technical qualifying threshold: A bidder must obtain at least 70 marks out of 100 in the technical evaluation and must satisfy all mandatory technical/eligibility requirements. The University may prescribe a higher threshold for a highly critical equipment package, provided it is disclosed in the tender.

7.3 Detailed Scoring Guidance

Criterion	Scoring Guidance
Technical compliance	Full marks where all mandatory parameters are fully compliant and adequately documented. Material deviation from mandatory specifications may result in rejection rather than partial marks.
Quality/technology	Marks based on objective features such as accuracy, resolution, stability, repeatability, automation, safety, environmental controls, data integrity and documented performance.
Experience	Marks based on number/value/relevance of verifiable similar installations, with higher marks for directly comparable laboratory applications. Avoid brand-specific experience requirements unless justified.
Service support	Marks based on service centre/engineer availability, response time, preventive maintenance, spare-parts commitment and escalation mechanism.
Implementation plan	Marks based on installation schedule, site-readiness checklist, commissioning protocol, calibration, documentation and training plan.
Demonstration	Only objective pre-disclosed tests shall be used. Demonstration scores shall be recorded and signed by evaluators.

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7.4 Technical Score Normalisation

Where the technical committee awards raw technical marks out of 100, the highest technically evaluated score among responsive bidders may be treated as 100 for normalisation, and other technical scores may be proportionately normalised, if this method is adopted in the tender. Alternatively, the raw score may directly be used as the technical score. The adopted method shall be applied uniformly to all bidders.

7.5 Stage-III: Financial Evaluation

Only bidders meeting the technical qualifying threshold and all mandatory conditions shall proceed to financial evaluation. The evaluated price shall be the total cost to the University for the complete scope, including supply, installation, commissioning, calibration, training, warranty and all other mandatory components, after applying the tax and price treatment specified in the financial schedule.

7.6 QCBS Formula

Financial Score (FS) = (Lowest Evaluated Price / Bidder's Evaluated Price) × 100

Combined QCBS Score = (Technical Score × 0.70) + (Financial Score × 0.30)

The bidder obtaining the highest combined QCBS score shall be ranked H-1, subject to price reasonableness, budget availability, responsiveness and approval of the Competent Authority. In case of a tie, the bidder with the higher technical score shall rank higher. If the technical scores are also equal, the lower evaluated price shall rank higher; for further tie-breaking, the bidder having higher turn-over shall rank higher.

SECTION 8 – FINANCIAL BID AND PRICE EVALUATION

8.1 Price Schedule

Sl.	Item	Qty.	Unit Price	GST	Other Taxes/Charges	Installation	Total Landed Cost	AMC/CMC (if applicable)
1	[Equipment]	[]	₹	₹	₹	₹	₹	₹
2	[Equipment]	[]	₹	₹	₹	₹	₹	₹
3	[Equipment]	[]	₹	₹	₹	₹	₹	₹
TOTAL								

8.2 Price shall Include

- Basic equipment cost.
- All standard accessories required for operation.
- Packing, forwarding, freight, transit insurance and delivery.
- Installation, integration and commissioning.
- Calibration/validation as required.
- User training and documentation.
- Warranty obligations and routine warranty service.
- Any other mandatory component stated in the technical specification.

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8.3 Taxes and Duties

Taxes shall be quoted separately and, in the manner, prescribed in the financial BOQ. Any exemption/concession claimed by the bidder shall be supported by documentary evidence. The University shall not be responsible for taxes/duties that are the bidder's statutory liability unless specifically provided otherwise in the tender.

8.4 Price Reasonableness

The University may assess price reasonableness with reference to estimated cost, previous purchase rates, reference prices, market survey, available budget, comparable institutional procurements and other permissible benchmarks. A bid may be rejected where the price is found unreasonable, subject to applicable rules and due process.

8.5 No Automatic Negotiation

Negotiation shall not be treated as a routine part of the procurement. If negotiation is permissible and considered necessary, it shall be conducted only in accordance with the applicable procurement rules and approval of the Competent Authority.

SECTION 9 – CONTRACT CONDITIONS

9.1 Purchase Order / Contract

The successful bidder shall enter into a contract/agreement and/or accept the Purchase Order in the prescribed form within the stipulated period. The Tender Document, corrigenda, bidder's accepted bid, Purchase Order and subsequent written amendments shall form the contract documents in the order of precedence specified by the University.

9.2 Delivery Period

The standard delivery period shall be 90 days from the date of Purchase Order, unless a different period is specified item-wise. The bidder shall submit a delivery and installation schedule within 7 days of the Purchase Order.

9.3 Extension of Time

Extension may be granted only for reasons beyond the bidder's reasonable control and supported by documentary evidence. Delay caused by the bidder shall attract applicable liquidated damages and other contractual remedies.

9.4 Change in Model / Discontinuation

After award, the bidder shall not substitute the offered model without prior written approval. Any approved substitute shall be equal to or better than the contracted specification and shall not increase the contract price.

9.5 Risk of Damage

Risk in the goods shall remain with the supplier until delivery, installation, commissioning and acceptance by the University, except to the extent otherwise specified in the contract.

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9.6 Insurance

The supplier shall maintain adequate transit insurance and any other insurance required by law or the nature of the equipment until delivery and acceptance.

9.7 Intellectual Property and Software

The supplier shall ensure that all supplied software/licences are lawfully licensed and that use of the equipment/software by the University does not infringe third-party intellectual property rights.

SECTION 10 – DELIVERY, INSTALLATION, INSPECTION AND ACCEPTANCE

10.1 Delivery

- Goods shall be delivered during working hours at the location specified by the University.
- Each package shall be properly labelled with equipment name, model, serial number, purchase order number and handling instructions.
- A packing list, invoice, warranty certificate and relevant certificates shall accompany the consignment.
- Partial delivery shall be permitted only with written approval where it does not adversely affect the intended use.

10.2 Installation and Commissioning

- Installation shall be performed by trained/authorized personnel.
- The supplier shall conduct functional tests and demonstrate all major specifications.
- Where applicable, the supplier shall carry out calibration/validation using traceable standards.
- A signed Installation and Commissioning Report shall be prepared.
- The University shall provide reasonable access and site facilities identified in advance by the supplier.

10.3 Acceptance Tests

Test Area	Illustrative Acceptance Requirement
Physical verification	Make, model, serial number, quantity and accessories match the Purchase Order.
Technical compliance	All mandatory parameters demonstrated/documented.
Performance	Equipment performs within stated specification under agreed test conditions.
Software	Software installed, activated/licensed and functional.
Safety	Required safety features and protective devices functional.
Documentation	Manuals, certificates, warranty and calibration documents received.
Training	User training completed and attendance/record maintained.

10.4 Final Acceptance

Final acceptance shall be issued after successful delivery, installation, commissioning, testing and submission of required documentation. Payment linked to acceptance shall not become due merely on physical delivery where installation/commissioning is part of the contracted scope.

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SECTION 11 – WARRANTY, CALIBRATION, AMC/CMC AND SERVICE SUPPORT

11.1 Comprehensive Warranty

- Minimum warranty shall be 3 years from the date of final acceptance unless a longer warranty is specified item-wise.
- Warranty shall cover defects in material, workmanship, manufacturing, components and system performance under normal use.
- Warranty shall include labour, travel, service charges and replacement of defective parts attributable to the supplier/OEM.
- Consumables shall be covered only where specifically stated in the item schedule.

11.2 Service Response

Service Level	Requirement
Acknowledgement of complaint	Within 1 working day
Remote diagnosis	Within 2 working days
On-site visit, where required	Within 3–5 working days depending on location/equipment criticality
Resolution target	Normally within 7 working days; critical downtime shall be escalated immediately
Loaner/alternate arrangement	For critical equipment where repair exceeds [15] working days, where feasible and specified

11.3 Preventive Maintenance

For equipment requiring preventive maintenance, the supplier shall provide at least one preventive maintenance visit per year during warranty, or as recommended by the OEM, including basic health checks and calibration verification where applicable.

11.4 Calibration

Where calibration is essential, the supplier shall provide calibration traceability to a recognized national/international standard and state the recommended calibration frequency. Calibration shall be performed by the OEM/authorized service provider or an appropriately accredited laboratory, as applicable.

11.5 AMC/CMC After Warranty

Where AMC/CMC is required, the tender may request separate rates for Years 4 and 5. Such rates shall be evaluated/considered only if the tender expressly provides for them. AMC/CMC shall define preventive maintenance, breakdown visits, spare parts, consumables, calibration and response time.

SECTION 12 – PAYMENT TERMS, SECURITY, LIQUIDATED DAMAGES AND RISK PROVISIONS

12.1 Performance Security

The successful bidder shall furnish Performance Security at the rate and within the period specified in the Bid Data Sheet, in the prescribed form and valid for the required period. Any exemption or concessional treatment shall be allowed only where permitted under the prevailing rules/orders.

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12.2 Payment Terms

Stage	Indicative Payment
After delivery and satisfactory inspection	Up to 70% of equipment value, subject to contract terms
After installation, commissioning and acceptance	Balance 30% / amount linked to acceptance
Warranty/AMC	As per annual service/payment schedule, where applicable

The final payment structure shall be fixed by the University based on the nature of the equipment, funding source and applicable procurement rules. No advance payment shall be made unless specifically approved and secured in accordance with the applicable rules.

12.3 Liquidated Damages for Delay

For delay attributable to the supplier, liquidated damages may be levied at 0.5% of the value of the delayed goods/services per week or part thereof, subject to a maximum of 10% of the value of the delayed portion of the contract, or such other rate/ceiling as prescribed by the applicable rules and the Purchase Order.

12.4 Failure to Perform

- Failure to deliver or commission within the stipulated period may result in liquidated damages, cancellation, risk purchase and/or other contractual remedies.
- Persistent warranty failure may result in replacement, refund, invocation of performance security, debarment proceedings or other remedies as permitted by law.
- Risk purchase, where resorted to, shall be governed by the contract and applicable procurement rules.

12.5 Force Majeure

Neither party shall be liable for failure to perform due to events beyond reasonable control, such as natural disasters, war, government restrictions, epidemics or other recognized force majeure events, subject to prompt notice and mitigation obligations.

12.6 Dispute Resolution and Jurisdiction

Disputes shall first be addressed through the designated University authorities. Where arbitration/mediation is provided for, it shall be conducted in accordance with the applicable law and the contract. Subject to statutory provisions, courts/competent forums having jurisdiction over Kendujhar/Odisha shall have jurisdiction.

SECTION 13 – INTEGRITY, CONFLICT OF INTEREST, DEBARMENT AND COMPLIANCE

13.1 Integrity and Anti-Corruption

The bidder shall not offer, give, receive or solicit any improper advantage in connection with the procurement. Any attempt to influence the evaluation committee, University officials or other stakeholders improperly may result in rejection and/or action under applicable rules.

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13.2 Conflict of Interest

Bidders shall disclose any actual, potential or perceived conflict of interest that may affect impartiality in the procurement. The University may reject a bid where an undisclosed conflict materially compromises the integrity of the process.

13.3 Debarment / Blacklisting

Bidders shall comply with applicable Government instructions on debarment. A bidder that is debarred by a competent authority for participation in public procurement for the relevant period shall not participate. The University may initiate action for false declarations or suppression of material facts in accordance with applicable rules.

13.4 Confidentiality

Bidders shall maintain confidentiality of non-public University information obtained during the procurement, installation and service period.

13.5 Environmental, Safety and Regulatory Compliance

- The supplier shall comply with applicable safety standards and statutory requirements for laboratory equipment.
- Electrical equipment shall conform to applicable electrical safety requirements.
- Equipment involving lasers, radiation, compressed gases, hazardous chemicals or biological materials shall comply with the applicable regulatory framework and safety requirements.
- The supplier shall provide safety manuals and operating precautions for equipment presenting special hazards.

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SECTION 14 – FORMS AND ANNEXURES

Annexure-I – Bid Submission / Tender Acceptance Letter

To
The Registrar
Dharanidhar University, Kendujhar

Subject: Bid for Purchase of Scientific Equipment for Laboratories – Tender No. [_____]

We, the undersigned, have examined the Tender Document, corrigenda and all applicable instructions and hereby submit our bid for the complete scope stated therein. We confirm that the information and documents submitted with the bid are true and complete. We agree to abide by the Tender Document and, if selected, to execute the contract and perform the obligations within the prescribed period.

Particular	Bidder's Details
Name of Bidder	[]
Registered Address	[]
Authorized Representative	[]
Designation	[]
Mobile / Email	[]
GSTIN	[]
PAN	[]
Signature & Seal	[]
Date	[]

Annexure-II – Bidder Profile

Particular	Details
Legal name of firm/company	
Year of establishment	
Constitution	
Registered office	
Manufacturing/service locations	
GSTIN	
PAN	
Udyam Registration No. (if applicable)	
OEM / Authorized Dealer / Distributor	
Service centre in Odisha / region	
Contact person	
Telephone / Email	

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Annexure-III – OEM Authorization Format

We, [OEM Name], manufacturer of [equipment/product], hereby authorize M/s [Bidder Name] to quote, supply, install, commission and provide warranty/after-sales service for our products against Tender No. []. We confirm that the offered models are genuine and that the required technical support, spare parts and warranty support shall be made available for the period specified in the tender.

OEM Name	Authorized Signatory	Designation	Seal	Date
[]	[]	[]	[]	[]

Annexure-IV – Technical Compliance / Deviation Statement

Sl.	Tender Specification	Offered Specification	Compliance	Deviation/Remarks	Evidence
1			Yes/No		
2			Yes/No		
3			Yes/No		
4			Yes/No		

Annexure-V – Past Performance Statement

Sl.	Client / Institution	Equipment	PO No./Date	Value	Installation/Completion Date	Contact/Certificate
1						
2						
3						
4						
5						

Annexure-VI – Financial Bid Declaration

We confirm that our financial bid has been submitted only in the prescribed financial schedule/BOQ and that the quoted prices are inclusive of all costs required to deliver the contracted scope, except taxes/charges specifically identified separately. We confirm that there is no hidden charge.

Annexure-VII – Non-Blacklisting / Non-Debarment Undertaking

I/We hereby declare that our firm/company has not been debarred/blacklisted by any competent Government authority, PSU, statutory body or autonomous institution for the period relevant to this tender, except as disclosed below. I/We understand that a false declaration may lead to rejection, cancellation of contract and action under applicable rules.

Name of Bidder	Authorized Signatory	Designation	Seal	Date
[]	[]	[]	[]	[]

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Annexure-VIII – Conflict of Interest Declaration

We declare that, to the best of our knowledge, no actual or potential conflict of interest exists that would materially affect our participation in this procurement. Any conflict arising subsequently shall be promptly disclosed to the University.

Annexure-IX – Warranty and Service Support Undertaking

We undertake to provide comprehensive warranty, service support, spare parts, technical assistance and preventive maintenance in accordance with the Tender Document and our accepted bid. We confirm that service complaints shall be attended to within the stipulated response time.

Annexure-X – QCBS Evaluation Sheet

Bidder	Technical Raw Score	Technical Normalised Score	Technical × 70%	Evaluated Price	Financial Score	Financial × 30%	Combined Score	Rank
Bidder A								
Bidder B								
Bidder C								
Bidder D								

Annexure-XI – Installation and Commissioning Certificate

Certified that the equipment described below has been delivered, installed and commissioned at Dharanidhar University, Kendujhar and has been demonstrated to the satisfaction of the designated user/technical committee, subject to the observations recorded below.

Particular	Details
Purchase Order No./Date	
Equipment / Model	
Serial No.	
Date of Delivery	
Date of Installation	
Calibration Certificate No.	
Training Date	
Observations	
Accepted / Accepted with observations	

Supplier Representative	Department/User Representative	Technical Officer	Date

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Annexure-XII – Warranty Complaint / Service Report

Field	Details
Complaint No./Date	
Equipment / Serial No.	
Nature of Complaint	
Date of Attendance	
Action Taken	
Parts Replaced	
Calibration/Testing	
Date Restored to Service	
User Confirmation	

Annexure-XIII – Recommended Technical Evaluation Committee Checklist

- Verify eligibility and mandatory documents.
- Verify OEM authorization and offered model.
- Check item-wise compliance against every mandatory specification.
- Verify documentary evidence for claimed performance/features.
- Assess quality/reliability/technology using pre-disclosed criteria.
- Verify past performance using submitted purchase orders and completion/installation certificates.
- Assess service network, response time, spare-parts availability and warranty commitment.
- Conduct demonstration only against pre-approved objective test parameters, where applicable.
- Record individual/collective marks and reasons for any material rejection.
- Prepare signed technical evaluation statement and identify bidders eligible for financial opening.

REFERENCE FRAMEWORK

This draft has been structured with reference to the Odisha General Financial Rules, 2023 and subsequent amendments/updates applicable at the time of issue, together with relevant Government of India procurement principles and the Department of Expenditure's Manual for Procurement of Goods, Second Edition, 2024. The latest applicable notifications, circulars, procurement preferences and requirements prevailing on the actual date of tender shall govern.

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List of Equipments with Specifications

1. Flame Photometer

Parameter	Specification
Elements / Channels	Na, K, Li, Ca (Ba optional); multi-channel preferred.
Measuring Range	Na/K: 0.1–100 ppm (extendable); Li: 0.1–50 ppm; Ca: 1–1000 ppm (or equivalent clinical/serum/urine ranges with dilution).
Detection Limit (LOD)	Na/K $\leq$ 0.2 ppm; Li $\leq$ 0.1 ppm; Ca $\leq$ 2 ppm (typical sensitivity: Na/K $\approx$ 0.5 ppm, Ca $\approx$ 15 ppm).
Precision / Reproducibility	$\leq$ 2% CV (Coefficient of Variation); $\pm$ 2% FS.
Response Time	< 8 s. Sample uptake: 2–6 mL/min.
Display	Digital LCD / alphanumeric backlit (20 $\times$ 4) or touchscreen.
Detector	Silicon photodiode.
Fuel / Air	LPG + oil-free air compressor.
Safety Features	Auto-ignition, flame-out protection, auto gas cut-off on power failure.
Calibration	Up to 5-point calibration with curve-fitting software. Resolution 0.1 ppm/meq.
Interface	USB / RS-232 + PC software (optional). Power: 230 V, 50 Hz.

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2. UV-Visible Spectrophotometer

Parameter	Specification
Optical System	Double-beam (or dual-beam)
Wavelength Range	190–1100 nm
Spectral Bandwidth	2 nm (or selectable ≤ 2 nm)
Wavelength Accuracy	± 0.5 nm
Wavelength Repeatability	≤ 0.2 nm
Photometric Range	–3 to +3.5 Abs (or better)
Photometric Accuracy	± 0.002 – 0.005 Abs at 1 Abs
Stray Light	$< 0.05\%$ T at 220/340 nm
Light Source	Xenon flash lamp (typical life > 5 years)
Detector	Dual silicon photodiodes
Display	7-inch colour touchscreen
Accessories	8-position cell changer (standard on many models)
Interface	USB + PC software
Power	100–240 V, 50/60 Hz

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3. Atomic Absorption Spectrometer (AAS)

Parameter	Specification
Wavelength Range	190–900 nm
Optical System	Single-beam (double-beam option); Ebert / Czerny-Turner monochromator
Spectral Bandwidth	Selectable 0.2–2 nm
Wavelength Accuracy	$\leq \pm 0.15\text{--}0.5$ nm
Baseline Stability	$\leq \pm 0.004$ Abs / 30 min
Characteristic Conc. (Cu)	≤ 0.04 $\mu\text{g/mL}$ / 1%
Detection Limit (Cu)	≤ 0.008 $\mu\text{g/mL}$ (flame)
Background Correction	Deuterium (D_2) lamp
Lamp System	4–8 position automatic turret for hollow cathode lamps
Atomizer	Titanium burner (Air-Acetylene / N_2O -Acetylene); inert nebulizer
Precision	$\text{RSD} \leq 0.5\%$
Application	Detection of heavy metals like lead, cadmium, arsenic, and mercury in water, soil, and air samples.
Safety Features	Gas leak, flame-out & pressure interlocks
Software / Interface	PC-controlled with calibration & data export
Power	220–240 V, 50/60 Hz

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4. FTIR Spectrophotometer

Parameter	Specification
Spectral Range	Mid-IR 4000–400 cm^{-1} (or 8000–350 cm^{-1} optimized)
Spectral Resolution	$\leq 0.5\text{--}0.6 \text{ cm}^{-1}$ (better than 0.45 cm^{-1} on higher models)
Signal-to-Noise Ratio	$\geq 30,000\text{--}40,000:1$ (1 min, peak-to-peak)
Interferometer	Dynamically aligned Michelson
Beamsplitter	KBr
Detector	DTGS (TEC-DTGS preferred)
Source	High-intensity IR / ceramic
Sampling Modes	Transmission + ATR (diamond preferred); solid/liquid/gas capable
Software	OMNIC Paradigm or equivalent (library search, quantification)
Interface	USB / PC control; optional touchscreen
Power	100–240 V, 50/60 Hz

5. Thermoluminescence Setup

Parameter	Specification
Temperature Range	Ambient to $\geq 400\text{--}500 \text{ }^{\circ}\text{C}$ (typical oven range $0\text{--}423 \text{ K}$ / $\approx 150 \text{ }^{\circ}\text{C}$).
Heating Rate	Linear programmable $1\text{--}5 \text{ }^{\circ}\text{C/s}$ (up to $10 \text{ }^{\circ}\text{C/s}$ possible on higher systems). Precision thermocouple with feedback control ($\pm 1\text{--}2 \text{ }^{\circ}\text{C}$ stability).
Light Detection	Photomultiplier Tube (PMT) sensitive in $\approx 300\text{--}600 \text{ nm}$ (or broader $185\text{--}850 \text{ nm}$ range).
Sample Holder	Planchet / tray for powder or solid chips (e.g., KCl, KBr crystals, mineral samples). N_2 purge preferred for oxidation control.
Data Acquisition	Glow-curve recording via PC software (peak analysis, dosimetry functions). USB / RS-232 interface.
Safety & Other	Over-temperature protection. Power: $220\text{--}240 \text{ V}$, 50 Hz . Compact benchtop design suitable for solid-state physics, radiation monitoring, and mineral characterization.

6. Gas Chromatograph

Parameter	Specification
Column Oven	Temperature range: Ambient +10 °C to 400 °C (optional cryogenic cooling to – 50 °C with liquid CO ₂). Oven capacity ≈ 15.8 L. Supports up to 2 capillary columns + packed/glass columns. Temperature accuracy ±1% of set value; uniformity ≤ 2 °C. Programmable up to 20 steps; heating rates up to 30 °C/min (or better, typically 7–30 °C/min depending on range). Max run time 10000 min. Cool-down: 300 °C to 50 °C in ≈ 6 min (at 25 °C ambient).
Carrier Gas Control	Advanced Flow Controller (AFC) – electronic pressure/flow control. Modes: constant pressure, constant flow, constant linear velocity. Suitable for He, N ₂ , H ₂ with safety interlocks.
Injection Systems	Modular: Split/splitless + packed/direct injection (up to 2–3 units simultaneously). Maximum temperature 400 °C.
Detectors	Flame Ionization Detector (FID) (standard) + optional Thermal Conductivity Detector (TCD); expandable to Electron Capture Detector (ECD) / Flame Photometric Detector (FPD) / Flame Thermionic Detector (FTD) (up to 4 detectors total). FID operating temperature up to 400 °C; auto-ignition and flame-out re-ignition. Minimum detectable quantity ≈ 3 pg C/s (dodecane) or better; linear dynamic range ≥ 10 ⁷ .
Display & Control	Graphical LCD (240 × 320). PC software control for methods, integration, quantification, and data export. Self-diagnostics.
Other	Power: 100–230 V, 50/60 Hz (≈ 1800–2600 VA). Suitable for quantification of volatile components in complex mixtures (geochemistry, environmental samples, organic analysis).

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