विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान, दक्षिण अंबाझरी मार्ग नागपुर–440010 (भारत)
VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, SOUTH AMBAZARI ROAD, NAGPUR – 440010
091-0712-2801369, 2801243, 2801815, 2801814, **Email:** storesofficer@vnit.ac.in

TENDER ENQUIRY

REF No.: VNIT/STR/TE/MIN/RL/25 **Date: 06.11.2026**

To, _____
_____
_____

REF No. OF THIS LETTER MUST BE MENTIONED ON THE ENVELOPE CONTAINING YOUR QUOTATION

Subject: –Tender Enquiry for **Statistical Data Analysis Software** for Mining Engg. Department.

Dear Sir / Madam,
You are invited to submit your most competitive quotation for the Goods as per time schedule of submission, terms and conditions mentioned below;

Schedule of Tender/ Bid Submission

Date of Issue : Monday, 9th November 2026
Last Date & Timing of Submission the Tender : Monday, 30th November 2026 Time 3.00 PM
Date & Timing of opening the Tender : Monday, 30th November 2026 Time 3.30 P.M.

EMD : Rs.35,000/-

Item particulars:

SN	Description of Goods	No of users
1.	**Statistical Data Analysis Software** Core Statistical Analysis and Data Management	10
2.	Regression and predictive modelling	10
3.	Tree- Based classification and segmentation	10
	(Details specification as per **Annexure- A** enclosed)	

GENERAL INSTRUCTIONS, TERMS & CONDITIONS

1. The vendor shall submit the tender/quotation enquiry in the Institute's prescribed format.

2. Bidder shall submit Firm's registration certificate, GST registration certificate, PAN, Authorization certificate, Delivery Period, Warranty/Guarantee, others etc. with the bid.

3) **Authorization Certificate:** (if any required): Agent of supplier/Authorized Dealers are eligible to bid on behalf of Original Equipment Manufacturers (OEM) provided they submit requisite authorization letter from OEM. In case where OEM has submitted the bid, bid of authorized dealer/agent will not be considered and EMD will be returned. In case of violation, both infringing bids will be rejected.

4) The duties, taxes and other levies payable by the vendor shall be shown separately in bidding document. The basic price per unit should be separately mentioned. Duties & taxes viz. GST, Freight / Transportation, Packing & Forwarding, Insurance etc. shall be indicated separately in the given format only.

5) Each Vendor shall submit only one quotation. All the information shall be furnished by the vendors as per Institute prescribed format. Any other format will lead to disqualification. Each and every document should be submitted duly signed & stamped. Incomplete or Conditional Quotation(s) will not be accepted.

6) **Evaluation of Quotations:** The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
   (a) Are properly signed; and
   (b) Confirm to the terms and conditions, and specifications.

7) The firm quoting for above mentioned service should be the authorized dealer of the manufacturer. Copy of authorization certificate should be enclosed with the quotation. Offer submitted without proper authorization shall be rejected summarily. The quantity mentioned in enquiry is and shall be deemed to be only approximate and will not in any manner be binding to the Institute.

8) The Prices should be quoted F.O.R. VNIT, Nagpur on delivery basis.

9) The rates quoted by the bidder shall be FIRM & FIXED and shall not be variable/subject to adjustment on any account.

10) Vendor shall furnish price & other information in the prescribed Price Bid format. Each document submitted with quotation should be duly attested & stamped by the vendor, failing which submitted quotation will be treated as Non-Responsive. Incorrect, Incomplete or Conditional Quotation(s) will not be accepted and will be treated as Non-Responsive.

11) If any document of tender /quotation enquiry, certificate etc. submitted by the vendor is observed to be incorrect /false/ forged/having ambiguity, intentionally or un-intentionally at any stage, the tender/quotation submitted by the vender is liable to be treated Disqualified/Non-Responsive. Further the Institute reserves the right to initiate any action as deemed fit in such case against the vendor including the action of blacklisting of firm.

12) **Educational Discount**: VNIT, Nagpur is a Govt. of India's Institute of National Importance engaged in education & research of National & International repute, the Vendors shall give / offer the special educational discount on quoted rates.

13) Expression of inability for the supply or activation of software as per specifications will lead to cancellation of WO and EMD (as submitted) will be forfeited. Further Institute may also disqualify / debar the Vendor from participating in any of its future enquiries for a period as recommended by institute authorities.

14) The Firm/Company Bank/RTGS/NEFT/ECS details must be submitted along with the Quotations/Tenders on the letter head.

15) Information brochures/Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

16) **Client List:** Bidder shall furnish information of Client list along with the order copy of similar service given to any IIT/NITs/ any Govt. Organization including details of price & all other charges / duties with the bid.

17) **Taxes:** GST or any other taxes as per Govt. norms shall be applicable from time to time. The % of Tax must be indicated separately in the quotation.

18) **Delivery of Goods:** W**ithin 4 weeks** period from the date of receipt of purchase order. Vendor shall give the services as per the service schedule given in Work order.

19) **Valid Period of Quotation/offer**: The quotation/offer shall be normally valid for a period of 180 days from the date of opening the tender.

20) **Payment:**100% payment after delivery/ activation of software. Submission of activation report signed by the department. Bills to be submitted in 3 copies along with report.

21) **Technical/ functional support:** **Three years** from the date of successful activation of software

22) It will be the sole discretion of VNIT to accept or reject the tenders/quotations in case of deviations, if any, from the technical specification.

23) Bidder should enclose required documents/copies failing which quotation / tender will be disqualified.

24) **Any corrigendum/ amendment regarding this limited tender enquiry will be issued on the Institute website only [http; //stores.vnit.ac.in]**

25) For any dispute, the place of jurisdiction shall be Nagpur, India only.

26) Director, VNIT, Nagpur reserves the right to increase/decrease the ordered quantity by up to 25% (Twenty-Five) per cent at any time, till final delivery date (or the extended delivery date of the contract/PO), by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of the delivery period

(or the extended delivery period) of goods at any stage. (As per Option Clause 9.3.1 of Manual for Procurement of Goods 2017)

27) Director, VNIT, Nagpur reserves the right to accept or reject or cancel any or all enquires or quotations/PO at any stage without assigning any reason thereof.

28) **It will be presumed that the vendor has read carefully all the above mentioned instructions, terms & conditions and abide by same.**

29) **The last date of submission is Monday, 30th November by 3.00 P.M.** The vendors / firms name with complete address must be mentioned.

30) **The date of opening the quotation/tender is Monday, 30th November 2026 Time 3.30 PM.**

31) All Communication are to be addressed to: –

DIRECTOR
Visvesvaraya National Institute of Technology,
South Ambazari Road,
Nagpur - 440 010, Maharashtra (India)

Sd/-
Dean (P&D)

PRICE/COMMERCIAL BID

REF No.: VNIT/STR/TE/MIN/RL/25 **Date: 06.11.2026**

ITEM: Statistical Data Analysis Software for Mining Engg. Department.

Sr.No.	Description of service	Qty	Basic Rate (Rs.)	Total Amount (Rs.)
1.	**Statistical Data Analysis Software** Core Statistical Analysis and Data Management	10		
2.	Regression and predictive modelling	10		
3.	Tree- Based classification and segmentation	10		
	(Details specifications as per **Annexure- A** enclosed)			
	Total Basic Amount			
	Less Discount(if any)			
	Total Amount			
	GST@ _____% Amount of GST			
	Total Cost F.O.R. V.N.I.T. Nagpur			

[Note – Taxes i.e GST/any other must be indicated separately in price bid. Basic rate means rate excluding GST. Discount offered if any, shall be deducted from total basic cost. Vendor should submit price information strictly in above format; any other is likely to be rejected.)

[A] DUTIES & TAXES (if applicable):

1. GST @ _____% : _____
2. Freight/ Transportation : _____
3. Insurance @ _____% : _____
4. Packing & Forwarding : _____
5. Others, (if any) : _____
6. **Final Offer (Including Installation Charges & Taxes) FOR VNIT Nagpur** **:** _____

[B] Others Details (Enclosed)

1. **EMD** **Yes / No Rs.** _____dtd_____
2. Specification as per Requirements Yes / No
3. Authorization Certificate Yes / No
4. Firms Registration Certificate Yes / No
5. GST Registration Certificate Yes / No
6. PAN No. Yes / No
7. Details of client lists Yes / No
8. Warranty/Guarantee :_____Years
9. Delivery period : _____
10. Others, (if any) : _____

The Firm/Company agrees to supply the above items for **final offer price (Rs. _____/- [In Words Rs…….)** inclusive of duties & taxes at [A] above within the period specified in the Invitation for Quotations.

Annexure – A

Technical Specifications – Statistical Data Analytics Software

1. Core Statistical Analysis and Data Management

- Dynamic Overview
- Descriptive Statistics
- Frequencies
- Bivariate Statistics
- Correlation Analysis
- Cross-tabulations
- T-Tests
- ANOVA
- Chi-Square Tests
- Non-Parametric Tests
- Normality Analysis
- Reliability Analysis
- Effect Sizes
- Power Analysis
- Bootstrapping
- Permutation Tests
- Meta-Analysis
- ROC Analysis
- Bland-Altman Analysis
- Proportion Tests
- Ratio Statistics
- Statistical Quality Control
- Anomaly Detection
- Data Validation
- Automated Data Preparation
- Data Management
- Data Restructuring
- Data Aggregation
- Missing-Value Handling
- Recode and Compute Variables
- Date and Time Functions
- Variable and Value Management
- Duplicate Case Identification
- Optimal Binning
- Data Transformation
- Reporting and OLAP Cubes
- Charts and Visualization
- Histograms
- Box Plots
- Scatterplots
- Q-Q Plots
- Violin Plots
- Density Charts
- Line, Bar, Pie and Area Charts
- Quality Control Charts
- Probability Plots
- Linear Regression
- Ordinal Regression
- Partial Least Squares
- Ridge Regression
- Lasso Regression
- Elastic Net Regression
- Meta-Regression
- Factor Analysis
- Cluster Analysis
- K-Means Clustering
- Hierarchical Clustering
- Two-Step Cluster Analysis
- Discriminant Analysis
- Random Forest
- Naïve Bayes
- C5.0
- Support Vector Machine
- Nearest Neighbour Analysis
- Conditional Inference Tree
- Apriori Analysis
- TURF Analysis
- Text Analysis
- Item Response Model
- Rasch Analysis
- Mediation Analysis
- Proximity Mapping
- Genomic Analysis
- Monte Carlo Simulation
- Geospatial Analysis
- Time-Series Filtering
- Autocorrelation and Cross-Correlation Analysis
- Spatio-Temporal Prediction
- SPECTRA

2. Regression and Predictive Modelling

- Multinomial Logistic Regression (MLR)
- Binary Logistic Regression (BLR)
- Nonlinear Regression (NLR)
- Constrained Nonlinear Regression (CNLR)
- Two-Stage Least Squares (2SLS)
- Weighted Least Squares (WLS)
- Probit Analysis
- Quantile Regression
- Stepwise and Forced-Entry Regression Modeling
- Predictor Selection and Model Building
- Model Fit and Classification Diagnostics
- Residual and Influence Analysis
- Standardized and Studentized Residuals
- Leverage and Cook's Influence Measures
- Interaction Terms
- Contrasts including Deviation, Simple, Helmert, Reverse Helmert, Polynomial and Adjacent Category Comparisons
- Predicted Probabilities and Response Categories
- Odds Ratios and Confidence Intervals
- Score and Wald Tests
- Logit and Deviance Analysis
- Nonlinear Regression Loss Functions
- Bootstrap Standard Error Estimation
- Numerical and User-Specified Derivatives
- Predicted Values and Residual Saving
- Instrumental Variable Modeling
- Control for Predictor–Error Correlation
- Weighted Regression and Weight Calculation
- Model Statistics including R, R^2, Adjusted R^2, Standard Errors, ANOVA and Individual Coefficient Tests
- Probit Transformation and Response Rate Estimation
- Confidence Intervals
- Relative Median Potency
- Parallelism Testing
- Convergence and Iteration Controls
- Heterogeneity Analysis
- Quantile Regression Algorithms and Optimization Methods
- Post-Estimation Analysis
- Bandwidth Selection
- Bofinger and Hall-Sheather Methods
- Model Export using XML
- Pivot Table Output
- Advanced Regression and Predictive Modeling

3. Tree-Based Classification and Segmentation

- Classification and Regression Trees (CRT)
- CHAID (Chi-Squared Automatic Interaction Detection)
- Exhaustive CHAID
- QUEST (Quick, Unbiased, Efficient Statistical Tree)
- Tree-Based Classification
- Tree-Based Regression
- Segmentation
- Predictive Modelling
- Classification and Prediction
- Regression Prediction
- Misclassification Analysis
- Variable Screening
- Data Reduction
- Category Merging
- Discretization of Continuous Variables
- Automatic Interaction Detection
- Stratification
- Model Validation
- Exploratory Classification Analysis
- Confirmatory Classification Analysis
- Node Analysis
- Branching and Tree Growth
- Pruning of Decision Trees
- Node Splitting and Stopping Criteria
- Parent and Child Node Identification
- Bar Chart and Table-Based Node Visualization
- Evaluation Graphs
- Gains Chart
- Risk and Misclassification Statistics
- Classification Accuracy Assessment
- Predicted Category Assignment
- Segment Rule Generation
- SQL Rule Generation
- Database Scoring Rules
- Data File Scoring Rules
- Model Scoring
- XML Model Export
- Syntax Generation
- Production-Mode Tree Rebuilding
- Model Deployment and Scoring
- Advanced Tree-Based Predictive Analytics