



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान बरहमपुर
Indian Institute of Science Education and Research Berhampur
Established by the Ministry of Education, Govt. of India

NIQ No. IISERBpr/NIQ/EES/2024-25/01

Date: May 30, 2024

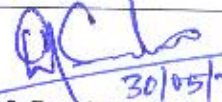
NOTICE INVITING QUOTATIONS

Indian Institute of Science Education and Research (IISER), Berhampur, is an autonomous Institute established under Ministry of Education, Government of India. Quotations are invited from prospective bidders for supply of OriginLab Professional version 2024. All prospective suppliers are requested to submit their quotations on or before the end date/time of submission in the following ways:

- By speed post to reach the specified address / drop the sealed quotation in tender box kept at the Security Desk of Institute.
- By email to purchase@iiserbpr.ac.in. The scanned soft copy (pdf) of the quotation should be password protected. The password will be obtained from the suppliers at the specified time of opening of NIQ. The unprotected soft copy of quotation may be rejected.

The sealed envelope should be duly super-scribed OR the subject of email providing soft copy of the quotation should be as follows: **"Quotation for supply of OriginLab Professional version 2024 vide NIQ No. IISERBpr/NIQ/EES/2024-25/01 dated May 30, 2024"**

GEM GARPTS No.	GEM/GARPTS/14052024/3ZRYTQLZSXVN
Indent No.	IISERBpr/2024-25/EES/B0101/08 dated 17/5/2024
NIQ No.	IISERBpr/NIQ/EES/2024-25/01
NIQ Date:	May 30, 2024
Brief Description of the item to be procured	Quotation for supply of <u>"OriginLab Professional version 2024"</u> (Specifications as per Annexure- 1)
Quantity	05(Five) Perpetual Licenses
Delivery Period (Days/weeks):	02 weeks from the release of Purchase Order
Delivery Location:	2nd Floor, IISER Berhampur, Transit Campus, Govt. ITI, Engineering School Road, Berhampur, Odisha – 760010
Estimated value	₹ 2,49,850 /-
NIQ Submission End Date & Time of submission	June 06, 15:00 hr
NIQ Opening Date, Time & Venue	June 06, 2024 at 15:45 hr (Store & Purchase Office)
Delivery:	(i) FOR IISER Berhampur (ii) LD Charges @0.5 % per week for late delivery.
Payment Terms.	100 % after successful delivery and installation
Address for submission of NIQ:	The Stores & Purchase Officer IISER Berhampur, Transit Campus, Govt. ITI Building Engineering School Road Berhampur – 760010 Through email: purchase@iiserbpr.ac.in (strictly as per the above directive)
Award of Contract:	The bidder who quotes the Lowest amount shall be awarded the contract
Warranty (Onsite)	01 year onsite from the date of installation
For technical Clarifications please contact:	Dr. Tushar Mouli Chakraborti e-mail: tusharmc@iiserbpr.ac.in
NIQ Inviting Authority:	Stores and Purchase Officer for and on behalf of Director, IISER Berhampur Tel. No.0680 2227-728/705


30/05/2024.
Stores & Purchase Officer



(NIQ NO. IISERBpr/NIQ/EES/2024-25/01 dated May 30, 2024)

DETAILED TECHNICAL SPECIFICATIONS

S. No	Functions	Specification	Compliance (Yes/No)
1	Data Import & connectivity	Data storing capacity in single worksheet is 2-billion rows and $\geq 94,000$ nos. of columns or parameters. Tool must be able to import data directly using drag and drop method from ASCII & Binary files like (TXT, CSV, DAT, etc), binary and instrument formats, CDF, HDF5, Data translation (DCF, HPF), earthProbe (EPA), famos (DAT, RAW), ETAS INCA MDF (DAT, MDF), Heka (DAT), JCAMP- DX (DX, DX1, JDX, JCM), NetCDF (NC), NI DIAdem (DAT), NI TDM (TDM), pCLAMP (ABF, DAT), Princeton Instruments (SPE), Somat SIE (SIE), Sound (WAV), SPSS (SAV), Thermo (SPC, CGM), EDF (EDF, BDF), MZXML, Software-specific formats like IgorPro (PXP, IBW), KaleidaGraph (QDA), MATLAB (Mat), MATLAB with structured data (Mat), Minitab (MTW, MPJ), Excel (XLS, XLSX, XLSM), TDMS (Lab VIEW 2009), Graph Pad Prism, Image formats like PNG, GIF, TIF, JPG, BMP, TGA, PCX, PSD, WMF (Convert to Raster), Axon Binary, Axon Text, ASCII Plain, Comma and general import filter, 1-2-3T, Symphony T, Quattro T, Excel, dBASE E, DIF, Mocha, and ODBC compliant database, SQL queries on tables and selectively import information. Tool must be able to handle ASCII data file upto 2GB Tool must be able to access and able to import data from databases like microsoft access, microsoft SQL server etc. and graphically construct SQL queries, save named SQL, query with workbook or to disk, define SQL queries in query editor, which supports syntax coloring and LabTalk substitution, database connecting interface: ADO and ODBC	
2	Digitizer	Digitize graphs (get data values for points) that exist as Images, Pre-processing of images: rotate, remove gridlines, clear background, supported coordinate systems: Cartesian, Ternar, auto trace lines: by point, by grids, by area, add labels to picked points Polar,	

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3	2D & 3D & Multidimensional Graph Readily available 2D graph template must include Line – 12 line styles incl. segmented and spline, scatter - built-in or user-defined symbols Line and Symbol - 4 types, column/bar - 10 types including grouped column, plots from indexed data and grouped stacked column plots, control column/bar width using dataset, normalize stacked column/bars to 100%, area - 9 fill area methods, bubble/colour mapped-3 types, multiple panel-6 types or create your own, multiple axes plot-6 types or create your own, pie chart, polar (r, theta) or (theta, r), ternary diagram, with scale customization and, optional axes direction Smith® chart, piper diagram, stock charts: high low close, Japanese Candlestick, OHLC bar chart, OHLC-volume, 2D vector - 2 types: XYXY and X, Y, angle, magnitude stacked lines by Y offsets with customizable offsets, windrose: raw or binned data, radar/spider Chart 2D function graphs and 2D parametric function, graphs for plotting mathematical equations, violin plots, subcolumn graphs, smoothing spline, Readily available 3D graph template must include 3D function plot, 3D surface plot, 3D vector plot, 3D bar plot, 3D column plot, 3D scatter plot, 3D parametric function plot, all kind of statistic graphs, image graphs, contour graphs Provision shall be available to control the axes scale types linear, natural logarithmic, base 10 logarithmic, probability reciprocal and user defined scales must be available All the graphs template must be easily customised of colour thickness of plot lines, shape, colour & size of data points, legend, title, font and provision for saving customised templates shall be available	
4	Data Analysis Tool must be able to perform mathematical, statistical and data manipulation operations. Tool must be able to perform baseline and peak analyser like	


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		peak finding, peak integration, peak fitting. Tool must be able to perform signal processing, filtering using all FFT filters, IIR filter, 2D FFT filters, STFT, IFT smoothing, wavelet analysis, Global Curve Fitting, one click regression analysis Tool must be able to perform image processing like convert image to data and vice-versa, plot 3D surface graph from image Tool must be able to perform curve fitting like linear, non-linear and polynomial curve fitting and surface fitting using built-in function and user defined functions it shall be able to handle both implicit and explicit functions and tool shall use standard and benchmarked algorithm for curve and surface fitting, nonlinear regression, t tests, nonparametric comparisons, one-, two- and three-way ANOVA, analysis of contingency tables, survival analysis	
5	Programming	Tool shall have inbuilt programming environment for automatic graphing and analysis steps and for customising various functions, Tool shall have programming language like lab talk scripting, C, C++, integrated python, automation server, Visual Basic compatible programming using built-in macro language interface, Macro recorder to save and play-back operations	
6	Data Management and Data Export and presentation	Tool shall be able to save data into project and must be able to retrieve the data and analysis results as and when required. Provision shall be given to export 2D & 3D graphs to any image formats, vector formats, PDF, power point presentation, video presentation with highest 1200 DPI resolution. Tool must be able to generate customised reports based on various analysis carried out using tool.	
7	User interface and performance requirements	User interface of tool should be aesthetically appealing, user friendly and should have easy access to all the functions of the tool, help option explaining usage of each function contained in the tool, search option for finding desired function in the tool etc. Execution of data analysis and graphing functions of the tool should be considerably fast so as to implement data analysis and	


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		graphing functions on a real time basis.	
8	Hardware Compatibility	Data analysis and graphing tool shall be fully compatible and functional in system having windows XP,7,8,8.1,10,11 for both 32 bit & 64 bit OS,1.5GHz or higher Pentium compatible processor,1 Gb RAM or higher, system requirement for the tool shall be provided.	


30/05/2024.
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