INDIAN COUNCIL OF AGRICULTURAL RESEARCH
ICAR RESEARCH COMPLEX FOR N. E. H REGION
UMROI ROAD, UMIAM, MEGHALAYA-793 103

ICAR

ICAR - RCNEH

No. RC(S)117/2015/IT(NICRA)   Dated Umiam, the 14th March'2016

OPEN TENDER

    Sealed bids are invited for procurement of **I. T. Items/Software** from the reputed registered firms/ manufacturers/ authorized dealers by ICAR Research Complex for N.E.H. Region, Umroi Road, Umiam, Meghalaya. The detailed specifications of the items and terms & conditions etc. are given below:-

1. **Every Tenderer shall have to deposit consolidate cost of Tender paper of Rs. 1000/- (Rupees one thousand) only** (Non – refundable) to be deposited in the favour of the Director, ICAR Research Complex for NEH Region, Umiam – 793103 by means of Demand Draft payable at SBI, ICAR Complex Branch, Umiam. Non – submission of the cost of Tender paper shall lead to non – consideration of the Tender.

2. Every quotation should consist of two Bids- The techno-commercial bid (**Bid 'I'**) and the Financial bid (**Bid 'II'**). Both must be submitted in two separate envelopes to be sealed **and put in a single main cover. The outer main cover should be super scribed as "TENDER No.RC(S)117/2015/IT(NICRA) dtd.14.03.2016 for procurement of I. T. Items/Software, under NICRA PROJECT, I.C.A.R RESEARCH COMPLEX FOR NEH REGION UMIAM"** and addressed to "THE DIRECTOR, ICAR RESEARCH COMPLEX FOR NEH REGION UMIAM, MEGHALAYA-793103". The Bidding Firm should give their complete address on the bottom left corner of the Main Cover. **The Cost of the Tender as well as the *consolidate Earnest Money* along with all other Technical Details should be mandatory kept in the Technical Bid only. The Financial Bid should consist of the Rates, their detailed break –ups, etc. Non-compliance of this shall lead to non-consideration of the Bid**. All Tenders should be sent by Registered Post. Tenders to be handed delivered should be put in the Tender box, kept in the office chamber of CAO, ICAR Research Complex for NEH Region, Umiam, Meghalaya-793103 not later than **12:30 P.M. on 26th March, 2016**. Tenders received after the due date and time shall not be considered under any circumstances.

3. **The rates quoted should be up to ICAR Research Complex for NEH Region, Umiam, (as per the details) for the mentioned items.** The rates must be valid for at least for **1(one) year** from the date of quotation.

4. **Price quoted must be given per unit and must be all inclusive, including packing, forwarding, Delivery charges, Taxes, VAT etc., as may be applicable.**

5. Attested copy of the up to date sales tax and income tax clearance certificate (if any) from the authority concerned should be submitted with the quotation.

6. **Furnishing of related documents like detailed specifications, technical literature, brand name, model and make, catalogue, authorization letter, Dealership Certificate, company registration certificate, product certification, price list (if any) etc. is mandatory, Dealership certificate/Agency Certificate for the manufacturer/ manufacturing firm should be enclosed if the rates are quoted by the Dealers/Agents. Sales tax certificate, tax clearance (up – to date), valid CST/VAT registration certificate, last 3-5 years financial standing etc. along with all the commercial terms and conditions. Failing which the quotation shall not be considered.**

7. **The supply is effected at DGS&D rate contract, wherever is applicable.** The rate should be quoted for list of items as per the tender document.

8. The Buyer shall not be responsible for payment of transit insurance charges.

9. Payment shall be made on actual delivery in good condition and successful installation and demonstration (which should be free of cost and must be completed before payment).

10. **(a) In case of imported goods, the price may be quoted in foreign currency and import will be on FOB basis.** However, custom clearance, Inland freight etc. will be the responsibility of the supplier and no separate charges will be paid for that, however, custom duty exemption certificate shall be provided. The supplier should inform well in advance for sending these papers. No demurrage charges will be paid. If the supplier desires, rate in corresponding Indian currency may be quoted. It will be at the discretion of the authority of ICAR Research Complex for NEH Region to accept Indian or Foreign currency prices.

(b) In case of any custom duty charge, applicable as per Govt. of India's Notification, the same may be paid by the firm which will be reimbursed to the Indian Agent (who should be a registered firm and with DGS&D immediately, subject to the condition that the bill of entry in original along with all relevant papers are submitted immediately, after custom clearance and installation and demonstration of the items. Installation and demonstration should be free of cost.

(c) **The import & payment will be made by means of Foreign Bank Draft/ Site Draft in case of foreign imported goods.** Performance Bank guarantee of 10% FOB value valid till the end of warranty period should be submitted before the release of the security deposit. All bank charges outside and inside India shall go to the beneficiary's account. Performance bank guarantee of 10% FOB value, valid till the end of warranty period, should be submitted before the release of the security deposit. All bank charges outside and inside India shall go to the beneficiary's account. Draft making charges would go to the beneficiary's account and a scanned copy of the draft, if required, can be sent to the Indian agent by post. Draft would be handed over

after successful installation and demonstration which should be completed within 45 days from the date of draft and submission of all documents like bill of entry etc.

(d) All imported items should be delivered up to destination i.e. all the import should be free of inland freight charges, insurance etc.

(e) **Indian Agency Commission rate and amount should be clearly specified as per rules. IAC, wherever applicable, will be paid in Indian Currency only.**

(f) In case of delay in supply, penalty will be imposed @2% per week, subject to a maximum of 10% of the FOB value

(g) Indian Agents quoting on behalf of their principal must be registered firms with DGS&D .They are also requested to provide necessary authorization letter from their principal along with the quotation.

(h) **ICAR Research Complex for NEH Region, Umiam, Meghalaya, being a Scientific and Research Organization, is exempted from payment of Excise Duty (Certificate to this effect will be provided).**

11. **All Bidders should mandatory give their current, PAN Card No., TDS& other Bank A/C details to enable the office for releasing the dues via e- payment basis.**

12. **The tenderers** [except those who are registered with the Central Purchase Organization & National Small Industries Corporation (valid proof should be mandatory enclosed)] ***shall have to deposit consolidate Earnest Money for Rs.10,000/- (ten thousand) only*** (for indigenous as well as for foreign items quoted in foreign currency, equivalent Indian currency may be deposited) in the form of Demand Draft, valid for 6 (Six) months, drawn in favour of the Director, ICAR Research Complex for NEH Region, Umiam, Meghalaya, payable at SBI, ICAR Complex Branch, Umiam as a bid security, along with the quotation. **The cost of the Tender paper as well as the consolidate Earnest Money along with all other Technical Details should be mandatory kept in the Technical Bid only. Non submission of the Bid Security with quotation shall make the quotation/ bid liable to be rejected.**

13. Performance Bank Guarantee is required for all indigenous items also. For items less than Rs.50, 000, the amount should be 5% of the actual cost of the equipment and for items more than 50,000.00 the amount should be 10% of the actual cost of the equipment. The bank guarantee should cover the entire guarantee/ warranty period which should be of at least one year duration.

14. The selected tenderers must complete the supply/ installation/ demonstration within the stipulated time limit mentioned in the supply order. In case, the firm fails to execute the supply within the time limit, the bid security would stand forfeited and supply order shall be cancelled.

15. The guarantee/ warrantee should be from the date of installation. All guarantee/ warranty services should be attended within a maximum limit of 15 days, failing which, proportionate deductions from the security deposit may be made at the discretion of the Institute.

16. The complete details regarding the Institutions/ Corporations/ Bodies, etc. where the Firm/ Dealer has made the supplies during the last 2/3 years should also be furnished, along with the supply orders.

17. The Bidders should mandatory provide their full Bank Details, PAN Card No. , IFS code No., and TDS so as to ensure e-payment to them directly on satisfactory completion of the Supply.

18. The Director, ICAR Research Complex reserves the right to reject any tender in part or full, without assigning any reason thereof.

19. Legal jurisdiction for all disputes shall be within the purview of the Shillong Court.

20. **The Firm/ Agency run by the Non-Tribal should produce Trading License issued by the KHADC & also produce Municipal Trade License as applicable state to state & Tribals should provide Schedule Tribe Certificate, failing which the tender are liable to be rejected. Non submission of Trading License, tender rates shall be rejected / not to be considered. The participating the tender from State other than Meghalaya have to obtain KHADC before actual supplying of the materials.**

21. All bidders shall give an undertaking that they fully and unconditionally agree to abide by all the terms and conditions which, if needed, may be modified at the discretion of the Competent Authority, in supply order, for which confirmation from the supplier shall be taken. Non submission of the undertaking may lead to rejection/ non-consideration of the tender.

22. **The bidders should mandatory sign on every page of the Tender Document, which would show their unconditional acceptance of all the terms and conditions of the Tender Document.**

23. **Items should be supplied in time and with FOR destination (Umiam).**

24. Tenders shall be opened on ***26th March, 2016 at 2:30 pm***, ICAR Research Complex for NEH Region, Umiam, Meghalaya – 793103. Interested bidders may attend the opening.

25. If the above mentioned closing /opening day of the tender happened to be non – working date due to Bandh/Strike as any other reasons, the tender will be received & opened on the following working day at the same time except on the 2nd (second) Saturday.

26. Other terms & conditions, as may be decided by the Competent Authority from time to time, depending upon the condition & requirement of the supply. The intimation in this regard, shall be provided well in advance & the bidder/ supplier shall be bound by the said terms & conditions.

27. For any query/ clarification, the undersigned may be approached at:
Contact No.: 0364-2570363 (Tel- Fax)
E-mail : kcjoshiicar@yahoo.in/storesection@yahoo.in

Sd/- **S. V. Ngachan**
DIRECTOR

List of I. T. Items & Software with specifications under NICRA Project, ICAR (RC) for NEH Region, Umiam

Sl. No.	Item	Specification	Quantity

1.	Sigma Plot Software	**SPECIFICATION OF PLOT 13 SOFTWARE**
		A. Graphic features
		    1. More flexibility in manipulating legend items of graphics
		    2. Ability to arrange notebook entries
		    3. Forest Plot analysis
		    4. Kernel Density Plot analysis
		    5. 10 New Colour Schemes
		    6. Dot Density Graph with mean and standard error bars
		    7. Legend Improvements
		    a) Horizontal, Vertical and Rectangular Legend Shapes
		    b) Cursor over side or upper or lower handle
		    c) allows for multi-column legends
		    8. User interface to set number of legend item columns in the Properties dialog. The permissible column numbers are displayed in the combo list
		    9. Change the number of legend item columns by selecting and dragging the middle handle in the bounding box
		    10. Reorder legend items
		    a) Through properties dialog - move one or multiple legend items up or down using the up/down control on top of the list box
		    b) Through cursor movement - move one or multiple legend items up or down. Select the legend item(s) and use keyboard up and down arrow key for movement within the bounding box
		    c) Through mouse select and cursor movement for items in the bounding box
		11. Individual legend items property settings - select individual legend items and use the mini tool bar to change the properties
		    a) Legend box blank region control through cursor
		    b) Cursor over corner handle
		12. Allows proportional resizing
		    a) Add simple direct labelling
		13. Support "Direct Labelling" in properties dialog using the checkbox control "Direct Labeling"
		14. Ungroup legend items - the individual legend items can be moved to preferred locations and move in conjunction with the graph
		15. Legend Title support has been added (no title by default). The user can add a title to the legend box using the legend properties panel
		16. Reverse the legend items using the right click context menu
		17. Open Legend Properties by double clicking either Legend Solid or Legend Text
		18. Reset has been added to legends to reset legend options to default
		B. Analysis Features
		    1. Principal Component Analysis (PCA)
		    2. Analysis of Covariance (ANCOVA)
		    3. Added P values to multiple comparisons for non-parametric ANOVAs
		    4. Removed the combo box choices for multiple comparison significant levels and tied the significance level of multiple comparisons to the main (omnibus) test
		    5. Added the Akaike Information Criterion to Regression Wizard and Dynamic Fit Wizard reports and the Report Options dialog
		    6. Added back the Rerun button into system
		    7. Updated the fit library standard.jfl
		    a) Added probability functions, to now include 24, for curve fitting or function visualization.
		    b) The tolerance value for all equations has been modified to use "e-notation" instead of fixed decimal. This allows the user to read the value without scrolling.
		    c) Add seven weighting functions to all curve fit equations in standard.jfl. There is a slight variant added for 3D equations.
		C. User Interface Features
		    1. Rearrange Notebook items in a section by dragging
		    2. New Plot tutorial PDF file
		    3. Line widths from a worksheet column
		D. Import/Export Features
		    1. Added the SVG and SWF file formats for scalable vector graphics export
		    2. Added Vector PDF export to improve on the existing raster PDF
		File import and export support is added for Versions 13 and 14 of Minitab, Version 9 of SAS, Version 19 of SPSS and Version 13 of Symphony
			3

2.	Acrobat Pro DC	Adobe Acrobat Professional 12.0 The software is to convert files from MS Office to PDF and vise versa.	1

3.	SPSS statistics professional	**Specifications of SPSS Statistics Professional 22**	1
		• The software should perform many types of in-depth and non-standard analyses as well as automating data preparation tasks.	
		• Linear models should offer a variety of regression and advanced statistical procedures designed to fit the inherent characteristics of data describing complex relationships.	
		• Nonlinear models should provide the ability to apply more sophisticated models to data.	
		• Geospatial analytics should enables users to integrate, explore and model location and time data.	
		• Simulation capabilities should help analysts automatically model many possible outcomes when inputs are uncertain, improving risk analysis and decision making.	
		• Customized tables should enable users to easily understand their data and quickly summarize results in different styles for different audiences.	
		• Data preparation should streamlines the data preparation stage of the analytical process.	
		• Data validity and missing values should increase the chance of receiving statistically significant results.	
		• Decision trees should make it easier to identify groups, discover relationships between groups and predict future events.	
		• Forecasting features should enable you to analyze historical data and predict trends faster.	
		• The software should produce an easily consumable analytical output. The output can be viewed and interacted on multiple types of smart devices and platforms.	
		• The software should have feature of more powerful simulation modeling to improve model accuracy with enhanced simulation such as heat maps, automatic linear modeling and simulating strings.	
		• The software should produce accurate results faster with increase productivity and effectiveness.	
		• The software should come with user manual (softcopy or hardcopy).	
		• The software should run on windows 7, 8, 8.1 and 10 platform. Onsite installation and training (free of cost).	
4.	GG Biplot package	User-friendly software for biplot anaysis, conventional statistical analysis, and decision making based on univariate and multivariate data	1
		• Biplot for mega-environment analysis and test location evaluation based on multiyear data can be done.	
		• GGS-GGE biplot to represent the result of mega-environment analysis can be done.	
		• A missing value estimation procedure should be built into software.	
		• A spatial analysis module based on polynomial regression smoothing should be incorporated in the single trial ANOVA module.	
		• A Database Module should be present for allows converting original data into a relational database and freely extract any part of it for data analysis.	
5.	DNA STAR software	Capable of: - • Genetic association Studies • Automated Genome Closure • ChIP – Seq analysis • Cloning experiments design and analysis • De Novo Genome Assembly • De Novo Transcriptome Assembly • Epitope Prediction • Exome Alignment • Gene Discovery • Primer Design • Protien Sequence and Structure Analysis • Reference – Guided Genome Aligment • RNA – Seq analysis • Sanger Sequence Assembly • Sequence Aligment • SNP Validation Control • Structural Aligment • Variant Analysis	1
6.	Golden	**Surfer 13.1 Software**	1

	surfer software	1. Contouring, Gridding, and 3D Surface Mapping should be done with irregularly spaced geographic data. 2. Addition of multiple map layers and objects, customization of the map display should be possible. 3. Should be able to do interpolation of irregularly spaced XYZ data into regularly spaced grids. 4. Grids should be imported or downloaded from other sources, to produce different types of maps including contour, vector, image, shaded relief, watershed, view shed, 3D surface, and 3D wireframe maps etc.	
7.	GPS	• Maximum dimensions (WxHxD): 3" x 5" x 1.5" • Maximum weight : 220 g with batteries • Minimum display size (WxH) : 1.3" x 2.5", 2.8" diagonal • Minimum display resolution : 240 x 360 pixels • Water proof : Yes • High sensitivity receiver : Yes • Interface : USB • Preloaded map • Ability to add maps : Yes • Built-in memory : 2 to 4 GB • Data card compatibility : micro SD • Waypoints/locations : Minimum 3000 • Routes: Minimum 150 • Track log : Minimum 8000 points • Automatic routing : Yes • Electronic compass : Yes • Barometric altimeter : Yes • Camera : Minimum 8 megapixel with • autofocus and digital zoom features • Geo caching friendly : Yes • Custom maps compatibility : Yes • Photo navigation : Yes • Area calculation : Yes • Custom additional points of interest : Yes • Picture viewer : Yes • Display type : TFT touch screen • Battery : Maximum 2 AA or 4 AAA batteries • Minimum battery life : 12 hours • Minimum 1 year onsite warranty • On-site demonstration - Free of cost	10
8.	SLR camera	• Digital SLR type • Single lens reflex • Image sensor : CMOS, 20-22 X 14-15 mm • Effective pixel : Minimum 18 megapixel • Aspect ratio : 3:2 • Auto dust delete features • Lens : Minimum 1.5 times of the focal length • Image type : JPEG and others • Recorded pixel range : 720 X 480 to 5184 X 3456 • White balance : Auto, preset and custom balance correction • Noise reduction : Yes • Automatic brightness correction : Yes • Lens aberration correction : Yes • Viewfinder : Eye level penta mirror with minimum 90% coverage • Built-in dioptric adjustment : Yes • Depth of field preview : Yes • Autofocus : Yes with minimum 8 AF points • Exposure control: Various exposure control (portrait, landscape, close-up, night scene etc.), metering mode and brightness range, exposure compensation and auto-exposure lock function etc. • Shutter: Electronically controlled with maximum shutter speed of 30-32 sec. • Flash : Built-in, auto pop-up, minimum 15 mm lens angle of view, provision for external flash • Drive system: single shooting, continuous shooting, self timer etc. • Live view shooting: Options for creative filters, continuous autofocus and touch shutter, various metering mode and brightness range, grid display etc.	2

		• Movie format : MP4, full HD • Focusing:Auto and manual with magnification • Exposure control : Yes • Exposure compensation : Yes • Video snapshot : Yes • Sound recording : Yes (built-in or external microphone) • Monitor : TFT color (Minimum 2.8 inch wide) with angle and brightness adjustment features • Playback options: Single and multi-image with or without info, zoom, sort (by date, by folder, by type etc.), rotate, slideshow, movie play back etc. • Image protection : Yes • Post processing: Filters, resize option etc. • Direct printing : Yes • Interface: A/V out digital, HDMI, external microphone IN, remote switch, wireless remote control etc. • Battery: Rechargeable Li ion battery, Minimum 1120 mAh capacity Minimum 1 year onsite warranty	
9.	Desktop computer	• All-in-one type • Intel Core i3 Processor (Minimum 3.2 GHz, 3MB cache, 2 cores) • Minimum 4 GB DDR3 RAM • Minimum 1 TB 7200 rpm SATA HDD • DVD Writer • Integrated graphics or 2 GB graphics card • Built-in good quality speaker • Integrated webcam with microphone • Connectivity : Ethernet LAN, Wireless Bluetooth • Ports : Minimum two USB 3.0 and USB 2.0 ports each; 1 headphone/microphone combo • Minimum 19.45" (Diagonal) WLED-Backlit Full HD Monitor (Preferably 21 inch) • Wireless keyboard and optical mouse • Windows 8/8.1/10 operating system (Preloaded/ Licensed version) • Good quality mouse pad • Minimum 1 year onsite warranty On-site installation and demonstration – Free of cost	20

(S. Das Biswas)
Administrative Officer (G)