Tender Enquiry

Ref.No.: DU/DRDO/CAPITALEQUIP/02   **Date:** 18-04-2016

Tenders in separate envelopes of technical and commercial bids kept in a one sealed outer envelope are invited for the following items as per the specifications given. Your sealed quotation should reach latest by 3.00 P.M. on 12-05-2016 and are to be addressed to Prof. Vinay Gupta, Project Incharge, Room No. 71, Extension Block, Department of Physics and Astrophysics, University of Delhi, Delhi - 110007. Your tender should be superscribed "Quote for Development of Source Code" due on 12th May 2016 at 3.00 p.m.

S.No.	Description of items	Qty.
1.	Quote for Development of Source Code - specifications enclosed as Annexure – "A"	**01**

Clarifications may be sought on Technical/Commercial aspects, if felt necessary, before deciding to place order. Price negotiations will be done only with the lowest bidder.

Thanking you,

Sincerely yours

Vinay Gupta

Terms and Condition

Technical quotation must contain the following:
(a) The bidder should be registered in India and have been in existence for the last three years.
(b) The bidder will have to provide an audited financial statement the last three years along with the tender response.
(c) The Bidder should be registered for Service Tax and Income Tax in India.
(d) The Bidder should have dedicated Hardware, Software and Testing practices.
(e) State **service-support** for the equipment in India, specifically in Delhi/NCR, give details of service-centres with address, telephone numbers and name of service engineers available, **response time** during warranty and afterwards.
(f) **Certificate of compliance** with deviations from specification (if any) must be attached.
(g) List of customers to be provided.

Financial Bid must contain the following:
(a) Prices of the developed software/code should be FOR/CIP Delhi and include all taxes and delivery charges.
(b) Guarantee or warranty conditions must be clearly specified.
(c) Validity of quotation must be at least 90 days from the date of quotation.
(d) Mode of payment is through Wire transfer/LC for foreign purchases. Name and address of the company on whose name the LC is to be opened should be clearly mentioned.
(e) Supplier must submit TIN number / PAN number as applicable.

Institute reserves the right to procure code with better quality over lower price and to accept or reject any or all the quotations without assigning reasons thereof:

Development of source Code

A Techno-Commercial software development proposal is invited. For facilitating the development process, the system requirements have been detailed in the subsequent paragraphs. It is essential that the quotation for the defined tasks be submitted by addressing each and every point indicated in the task.

I) To develop program for modeling thermo-physical properties of artificial molecule
II) To develop code/program for modeling of optical properties of artificial molecule
III) To develop code/program for interaction of photon with artificial molecule

The software will be developed with the following open source tools/ languages/technologies:

i) Create a custom GUI component, an analysis function, or an entire MATLAB, Java, C, C++, Fortran program.
ii) Fix functional bugs or performance bottlenecks in existing program/code
 ii) Improve the appearance, functionality and performance of developed program/code
iv) Analyze code for correctness, robustness and potential problems
 ix)Train the user in advanced programming techniques

The System shall be developed on Linux OS, Windows or UNIX systems. The vendor should provide installation scripts, which will enable it to be effortlessly installed on existing server/workstation. Please note that during software development, newer versions with enhanced functionalities may become available. In such cases, switching over to the newer versions will be done.

Testing: The testing of software will be carried out at DU. Support of the development engineers/professionals should be made available during the testing. All shortcomings and bugs noticed during testing will have to be rectified without additional cost. The software must have a simple and easy to understand interface for the users.

Supply of Source Code: The source code for the application software should be provided in CD with proper documentation. The final version of the complete source code will have to be compiled in front of the DU user and submitted along with all the necessary documentation. Necessary instructions for incorporating any modification changes in the software and its compilation into an executable/installable product should be explained clearly.

 Training: Training on developed software/code to be given to at least 2 persons at DU.

Time Frame for development: Within 3 months