

**Due Date: 5 PM, November 6, 2012**

Sealed quotations are invited for purchase of a perpetual license of simulation software having the following capabilities:

**Modeling Methods:**

System-Dynamics

Agent-Based

Discrete-Event

Multi-Method

Object-Oriented/Hierarchical

**Model Development Environment:**

Workspace for Multiple Models

Visual Notation for Model Development

(e.g. Libraries, Action Charts, Statecharts, Equations, Events, Functions, Parameters etc.)

Model Code Writing Assistance

(e.g. Auto Code Completion, Pop-Up Context Documentation, Syntax Highlighting, Smart Indents)

Problem Resolution Assistance

Wizard for Creating New Models

Basic Model Debugging

(Inspect Window at Runtime, Tracing, Messages, Step-by-Step Execution)

Professional Model Debugging

(e.g. Breakpoints, Conditional Breakpoints, Watching All Model Variables incl. Java Variables, Expressions

Evaluation, Line-by-Line Execution, Java Level Debugging)

Geographic Information System (GIS) Integration

**Database Connectivity:**

Basic Components: Database (provision for)

**Libraries:**

Enterprise Library

Pedestrian Library

Open Custom Library

**Animation:**

Business Graphics

(e.g. Bar Chart, Pie Chart, Stack Chart, Plots, Histograms)

Basic Controls

( e.g., Check Box, Radio Button, Button, Slider, Edit Box)

3D animation

contd....

**Exporting Models:**

Simulation Applet (Java Applet)

**Experiment Framework:**

Simulation Experiment

Optimization Experiment

Parameter Variation Experiment

Compare Runs Experiment

Monte Carlo Experiment

**TERMS & CONDITIONS:**

1) Quotations must mention the CIF IIT Delhi price in Rupees including all taxes.

2) Quotation can be submitted only by the manufacturing firm or an authorized dealer/distributor. In case of the latter, a letter from the manufacturer must be attached for authenticity as authorized service provider/distributor.

3) If the items are the proprietary items of the firm, a certificate stating the same should also be provided.

4) The institute (IIT Delhi) has a right to accept or reject quotation without assigning reason.

5) Quotation validity: at least 30 days.

The quotation may be submitted to the following **on or before 5 PM on November 06, 2012:**

Dr. Nimesh B.Bolia

Assistant Professor, Department of Mechanical engineering

Room No. 276, Block III,

IIT Delhi, Hauz Khas, 110016, New Delhi