NOTICE INVITING QUOTATION

Sealed quotation is invited for the purchase of "Plaxis Finite Element Suite 2D and 3D - Single Stand Alone licence" by IIT Delhi conforming to technical specifications, terms and conditions as given below.

Technical specifications for
"Purchase of Plaxis Finite Element Suite 2D and 3D - Single Stand Alone licence"

Technical Specifications:

PLAXIS is the finite element software specifically intended for the analysis of deformation and stability in geotechnical engineering projects (for both soil and rock analyses). **PLAXIS** is equipped with special features to deal with the numerous aspects of complex geotechnical structures including Staged construction mode for realistic simulation of construction and excavation processes. The following 2-D (Two-dimensional) and 3-D (Three Dimensional) Plaxis Suites have to be purchased:

PLAXIS 2D AE Suite: This PLAXIS 2D suite includes all the 2D module of PLAXIS family.

PLAXIS 3D Suite: This PLAXIS 3D suite includes all the 3D module of PLAXIS family.

The details of modules included in Plaxis 2D AE and Plaxis 3D Suites are given below:

☐ **Basic Module** – This includes static elasto-plastic deformation, advanced soil models, consolidation, updated mesh and steady state groundwater flow.

☐ **Dynamics Module** - PLAXIS Dynamics module can be used to analyze the effects of vibrations in the soil.

☐ **PlaxFlow** – PlaxFlow is a finite element package that can be used to analyze two-dimensional unsaturated and time-dependent groundwater flow. This offers the possibility to take into account the influence of flow on soil deformation and stability.

☐ **UDSM** – "User defined Soil Model" module allows incorporation of user defined constitutive models in analyses

In addition to above, Plaxis 2D AE Suite will also include Plaxis **Thermal** module, whenever it is released.

IIT Delhi is an educational institution. Therefore kindly quote **special educational price** for above software suites.

Terms and Conditions:

(1) The quoted charges must be inclusive of software delivery charges at IIT Delhi, customary installation charges and VIP maintenance charges for at least one year during which all updates must be free. The quoted charges must also be inclusive of all taxes as applicable. Kindly provide break-up of applicable taxes.

(2) The software must be sent within two weeks of placement of order.

(3) Quotation should be valid for at least 2 months.

(4) Institute reserves right to accept or reject any quotation without assigning any reason.

(5) The last date for receipt of price offer is December 24, 2014 up to 5.00 PM.

(6) Please provide "Proprietary Certificate" as well as "Sole Distributor Certificate" as and if applicable.

(7) Please also quote the following as Extras separately:

(a) Updation charges for Plaxis 3D suite for ten year block period after expiry of the first year. Please quote special educational price and considering advance payment benefits for entire block period.

(b) Installation and Training Charges in presence of your personel.

(8) Sealed quotations are to be submitted to

Dr. J.T. Shahu (Room No. V-224)
Professor,
Civil Engineering Department,
Indian Institute of Technology (IIT) Delhi,
Hauz Khas, New Delhi 110 016.