Section VI- Technical Specification for procurement of

Enabling and checking the compatibility with Android Mobile Platform and Touch Tablets

Tamil Nadu Agricultural University has developed a new innovative e-tool called Virtual Expert System, which could virtually act as expert and be by the side of the farmer. It is a virtual diagnostic tool that could be used by farmers as well as Agricultural Extension Workers. Further, TNAU has developed AgriTech Portal which is the largest agricultural knowledgebase which has to be redesigned with responsive portal. Mobile application development for Android development required the following tools.

1. **Requirements for Mobile development**

   a. Full Installation version of Android Development kit with IDE for windows and Mac

   b. Visual Studio Professional 2015 edition - 3 Sets

   c. Xamarin for Visual Studio Enterprise Annual Edition - 3 sets and Capable of Building native apps for Android and iOS in tandem with Visual studio

   d. Adobe Creative Cloud Complete including Flash Professional, Flex Builder, Photoshop, Acrobat - 1 Set

   e. Sencha Complete & Sencha Touch Bundle HTML Mobile Apps- 1 set

   f. Weather API Premium for load of 10,000/day for 3 years

   g. Mobile Apps for Live streaming RTSP/RTMP

Important Note: All software should be enabled with Unicode Tamil font and latest version. (The latest version of software which over rights above mentioned technical specification)

Mandatory Requirements
1. Should be in the field of IT and IT enabled services and should have a minimum of three years experience in such service
2. Should have proven experience in
   a. Mobile development
3. The entire project should be carried out by the tendering company
4. Compliance statement for the mandatory technical specification has to be provided in a separate document, properly signed by the authorized person with date and seal.
5. Partial / incomplete offer will be disqualified
6. All software should be perpetual license of **most recent version** wherever possible and if it is subscription, it should be for three years with support.
7. **Warranty and Support:** Three years for all products and if it's a software subscription it should be for three years.