NOTICE INVITING TENDER

Name of Work: Implementation of Mobile Live Tracking System for Flying Squads including Expenditure Monitoring Teams.

For and on behalf of the District Magistrate & District Election Officer, Darjeeling sealed tenders are invited from reliable, resourceful, experienced and bonafide software development companies and vendors to provide a package of solutions including manpower, etc foe implementation of Mobile Live Tracking System for Flying Squads in connection with the upcoming General Elections to the West Bengal Legislative Assembly, 2016. The details are given below:-

1. Name of work	Implementation of Mobile Live Tracking System for Flying Squads including Expenditure Monitoring Teams
2. Location of Work	IDENTIFIED AREAS OF SIX (06) ASSEMBLY CONSTITUENCIES OF DARJEELING DISTRICT - **18 (Eighteen) Nos.**
Date of Submission	11.03.2016 upto 2.00 P.M.
Date of Opening	11.03.2016 after 3.00 P.M.
3. Scope of Work	The scope of the project is to implement a GIS based Vehicle Tracking Application for the Election Commission. With the help of the application, the administration wants to supervise the movement of the Flying Squads and Expenditure Monitoring Teams in different Assembly Constituencies. **Features of the Tracking Mobile App**: • The Mobile app should have tabs to send one touch information. • The Mobile app will have Short Video upload facility. Video should have to be uploaded from directly the phone camera. • The Mobile app should have multiple picture upload capability. Picture can be uploaded from the gallery or by directly taking picture by the phone camera. • The app should be able to store latitude longitude values of the phone at periodic time intervals. • The app should send the locational data to the central server using GPRS/ mobile internet/ Wi-Fi. • The app should be built to run on Android 4.0 and above operating systems. • The app should use SQLite as data base. • Later when internet comes the app should automatically update the data on the central server. • There should be provision to lock the app from remote central location in case of any emergency. **Features of the Web Application** • The application will be an online application and can be accessed from anywhere using internet connection. • The application will have to be in real time sync with the central server and the mobile applications. • The application will be a GIS Application showing the polling booths under a particular AC. • The GIS application will be developed using Google Maps API. • Polling Booth Latitude Longitude will be loaded on the GIS. • The colouring of the polling booth should automatically change according to the input received from the mobile devices on field. • The system should show incoming Photographs from mobile devices. • The system should have Tracking Mode where live tracking of sector officers/ Mobile phones can be seen. • The system should show tracking based on different time periods. • The system should automatically refresh in short periodic intervals. **Remote Alert App** • Android mobile compatible App for Alert generation. • In case of any mishap the person inside the car can send an alert to the Monitoring Cell or Competent Authority but just tapping a Single button on the mobile screen. • The app will send the locational data of the mishap to the central server using