

## Table 12: SMS-Specific Software

(Bidding document's Reference: "Table 3: SMS-specific software")

- (Note: 1. For the entire table below, the Line-Item Number is 301. Each row in the table refers to an individual Sub-line Item Number, indicated in the first column.
2. Compliancy at the top of each row was to be filled up by the PTD as directed in the Bidding document.
3. The contents under *The Bidder's offer* and *The Bidder's Remarks* are from the corresponding bid documents. The contents in respect of-The paras incorporated in the table below are intended to give a preliminary idea on the concerned subject. To get the complete picture about any idea, the Bidder's documents, mentioned in the paras, may be referred to.)

Requirement	Solutions Hub Co., Ltd's Offer	Statement of Compliance
<p><b>Sub-line Item Number: 1</b></p> <p><b>(a) Requirement:</b>. The Bidder shall provide the required features of Technical Analysis Module as mentioned in 3.2.2.</p>	<p><b>The Bidder's statement:</b></p> <p>Spectrum-E©'s Technical Analysis Module includes a wide range of propagation models that cover the entire frequency range required by the PTD and can be used for assignment and interference analysis. Spectrum-E©'s Technical Analysis Module <b>has no limit</b> in terms of modeling radio propagation for any known wireless communications system.</p>	<p>Comply</p>
<p><b>Sub-line Item Number: - 1</b></p> <p><b>(a) Requirement:</b> The Bidder shall provide the required features of Interface to Monitoring as mentioned in 3.2.3.</p>	<p><b>The Bidder's offer:</b></p> <p>The Spectrum Center solution complies with the stated requirement. The Spectrum Center team will install one of the workstations in the monitoring control center and set it up as a client of the monitoring servers.</p> <p>Additionally, Spectrum-E's Remote Monitoring Module already includes an automated bidirectional integration with several of the largest spectrum monitoring system vendors in the spectrum monitoring industry including TCI Inc. Additional details as to how Spectrum-E can interact with the spectrum monitoring systems of TCI, Rohde &amp; Schwarz and Anritsu are included in chapter 5.4</p>	<p>Comply</p>

Requirement	Solutions Hub Co., Ltd's Offer	Statement of Compliance
	<p>“Integration with Spectrum Monitoring Systems” of the “Spectrum-E Radio Spectrum Management System Reference Guide version 8.1” included with this proposal response.</p>	
<p><b>Sub-line Item Number: 1</b></p> <p><b>(a) Requirement:</b> The Bidder shall provide the required features of Quick Calculation/ Map View as mentioned in 3.2.4.</p>	<p><b>The Bidder's offer:</b></p> <p>i) a) and b) The Spectrum Center solution complies with the stated requirement. Spectrum-E offers a variety of tools to assist in spectrum management activities. The GIS module includes a map GUI that allows the user to measure distances and bearing between two points as well as generating path profile calculations between any two points on the map. The distance between two objects can be computed along with azimuth between the two objects. The map interface includes a variety of additional tools that allow a user to generate 3D views, change map views, toggle the results displayed and much more.</p>	<p>Comply</p>

Requirement	Solutions Hub Co., Ltd's Offer	Statement of Compliance
<p><b>Sub-line Item Number: 1</b></p> <p><b>(a) Requirement:</b> The Bidder shall provide the required features of Enforcement as mentioned in 3.2.5.</p>	<p><b>The Bidder's offer:</b> The Spectrum Center solution complies with the requirements. Spectrum-E© provides functionality to track the progress of applications, payment reminders and queries for licenses. The proposed SMS will allow the PTD to notify internal staff with reminders of the upcoming expiration dates of spectrum usage authorizations, payment due dates and query responses. These notifications can be configured by the PTD themselves.</p>	<p>Comply</p>
<p><b>Sub-line Item Number: 1</b></p> <p><b>(a) Requirement:-</b> The Bidder shall provide the required features of Reports as mentioned in 3.2.6.</p>	<p><b>The Bidder's offer:</b> The Spectrum Center solution complies with the requirements. Reports of any type of license can be printed by Spectrum-E and new license type reports can be setup by the users. For more details on Spectrum-E©'s report template creation capabilities, please review chapter 10 "Reports" of the "Spectrum-E© Radio Spectrum Management System Reference Guide version 8.1" included with this proposal response.</p>	<p>Comply</p>

Requirement	Solutions Hub Co., Ltd's Offer	Statement of Compliance
<p><b>Sub-line Item Number: 1</b></p> <p><b>(a) Requirement:</b> The Bidder shall provide the required features of Map/Display as mentioned in 3.2.7.</p>	<p><b>The Bidder's offer:</b></p> <p>The Spectrum Center solution complies with the requirements. Spectrum-E© includes a GIS Graphical User Interface (GUI) that meets and exceeds the requirements stated by the PTD. The map displays the entire world and can zoom in to any specific area, limited only by the underlying terrain and map layer. The Spectrum-E© GIS interface is included with the respective software modules (i.e. no additional charge) and includes various map layers that the end-user can activate and visualize as needed. The Spectrum-E© GIS capability provides Digital Terrain Model (DTM) data, ground occupancy information (clutter), ground conductivity and permittivity data from ITU sources (unless otherwise specified), satellite imagery, as well as the ability to import vector data (lines, points, polygons, etc.) in SHP and KML formats.</p>	<p>Comply</p>