Service Item Number	Statement of Compliance
201 (Spectrum Database Design)	Comply
301 (Technical Analysis)	Comply
302 (Interface to Monitoring)	Comply
303 (Quick Calculation/Map View)	Comply
304 (Enforcement)	Comply
305 (Reports)	Comply
306 (Map/Display)	Comply
Technical Pass (or) Fail	Pass

Table 2: Spectrum Database

(Note: 1. For the entire table below, the Line Item Number is 201. 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 RFQ.

3. The contents under *The Bidder's offer* and *The Bidder's Remarks* are from the corresponding bid documents. 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
Sub-line Item Number: 1 **(a) Requirement:** The Bidder shall provide the design of the Spectrum Database for all the different types of licences.	**The Bidder's offer:** The Solution Hub complies with the licensing requirements . <u>Figure 7 </u>includes a general conceptual diagram of part of Spectrum-E©'s e-Licensing module **that handles application requests and license authorizations.**The licensing management portion of the e-Licensing database manages two groupings of data, the applications and the licenses. The diagram in Figure 1 shows how the licenses are created and updated for any radio service. **A specific Data Dictionary** covering all the radio services required by the PTD will be supplied with the final delivery of the proposed SMS. An example of this Data Dictionary is included in the document entitled "Spectrum- E Sample Data Dictionary".	Comply

Requirement	Solutions Hub Co., Ltd's Offer	Statement of Compliance
Sub-line Item Number: 2 **(a) Requirement:** Please attach a sketch of the database diagram with enough details and explanation (in text) so that its suitability for the intended Spectrum Database can be assessed.	**The Bidder's offer:** The Spectrum Center solution complies with the requirements of the RFQ for Software Update and Maintenance Software. Below is a high-level diagram of how the data would be managed in the Spectrum-E© solution: **The Bidder's Remarks:** It should be noted that Spectrum Center is only providing an example of how the spectrum database schema to be delivered. **Spectrum Center reserves the right to modify the proposed database model after reviewing the PTD's data more thoroughly.**	Comply

Requirement	Solutions Hub Co., Ltd's Offer	Statement of Compliance
Sub-line Item Number: 3 **(a) Requirement:** How is the need to extend (amend) the existing licence-types or introduce completely new licence-types proposed to be addressed?	**The Bidder's offer:** The Spectrum Center solution complies with the requirement. The proposed SMS is an **open-platform software web application** that can be customized as needed by the **customer's IT department or a local subcontractor**. The proposed SMS includes an Application Programming Interface (API) that stores functions and a validation pertaining to the proposed SMS's Business Rule Engine (BRE) that can be integrated with any custom database. New license types can be implemented by either **creating a new table** in the web application storage tier and **new forms in the web application** client-side business layer. An Enterprise Service Bus will be implemented that allows the customer to integrate new data tables and web forms with the existing SMS functionality through RESTful web services.	Comply

Requirement	Solutions Hub Co., Ltd's Offer	Statement of Compliance
	In addition, to ease the ability to include new license types, Spectrum Center proposes **to include a Generic license type** that can be used to cover new radio services not contemplated in the original system delivery. This Generic license type would not require any reconfiguration in the PHP source code (which would be provided to the PTD) only a slight configuration in the graphical user interfaces.	
Sub-line Item Number: 4 **(a) Requirement:** The Bidder shall undertake the design of the Spectrum Database itself, and not subcontract it,	**The Bidder's offer:** The spectrum database design will be performed by Spectrum Center, the proposed SMS manufacturer. **This work will not be subcontracted to any other company.**	Comply

Requirement	Solutions Hub Co., Ltd's Offer	Statement of Compliance
Sub-line Item Number: 5 **(a) Requirement:** The Bidder shall provide a comprehensive document regarding the design of the Spectrum Database.	**The Bidder's offer:** The Spectrum Center complies with the requirement. The responses supplied in the previous sections 1-4 of line item 201complies with this requirement. To summarize the following supplemental documents included in this proposal augment the responses provided in sections 1-4 of line item 201: Chapters 2.5 Internal Architecture, 2.5.6 Internal File Locations, and 2.6 GIS Data Architecture in the document entitled "Spectrum-E© Radio Spectrum Management System Reference Guide version 8.1" "Spectrum-E Sample Data Dictionary" "Spectrum-E e-Licensing Class Diagrams - sample"	Comply

Requirement	Solutions Hub Co., Ltd's Offer	Statement of Compliance
	The Bidder's Remarks: It should be noted that Spectrum Center is only providing an example of how the spectrum database schema would be delivered. Spectrum Center reserves the right to modify the proposed database model after reviewing the PTD's data more thoroughly.	