

RFP -HOAC-HO-52268

FOR THE SUPPLY, INSTALLATION, MAINTENANCE AND SUPPORT OF RADIO PLANNING AND SPECTRUM MANAGEMENT TOOLS TO TRANSNET FREIGHT RAIL NATIONALLY FOR A PERIOD OF FIVE (5) YEARS.

Clarification Questions and Answers

Question No.	Question	Answer
1.	What technologies (2G, 3G, 4G, 5G.) requires model calibration?	This is a software. There is no calibration required.
2.	What frequency bands per technology requires model calibration?	Again, this is a software. There is no calibration required. The frequencies we are working on are 450-470 MHz to 7GHz to E-band. LTE will operate on Band 31
3.	How many models need to be calibrated? which morphologies are expected per model?	Again, this is a software. There is no calibration required. Or maybe I don't understand the question.
4.	Does the customer have geodata ready? If yes which map format are available with customer and with what resolution?	Yes, we have Digital Terrain Model (DTM) geodata in 20m resolution. tender briefing minutes outline this at length
5.	In case Geodata need to be offered part of this RFP, what resolution required? Any need for 3D maps? Population maps?	The minimum resolution required is 20m. There were no 3D maps nor population maps specified but they are welcome. tender briefing minutes outline this.
6.	Does the customer have any existing Planning tool? If yes, which tool?	Yes. Wrap (Radio coverage) mentum Ellipse (Microwave planning We need to be able to access our current project files from

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	Does Project migration from previous tool will be required?	the provided software (tool).
7.	<p>Computer Hardware</p> <ul style="list-style-type: none"> - Please confirm that Transnet will supply/procure and commission all required HW for the solution - Please confirm that HW procurement and commissioning will not be part of 'Delivery Period' as defined in, RFP HOAC HO 55268 Radio Planning document, page 20 and 21 'Work Programme and support 	<ul style="list-style-type: none"> - Transnet will not provide any HW for solution except for user PC's. - The HW procurement is part of the Delivery Period
8.	<p>Map Data</p> <ul style="list-style-type: none"> - Please confirm the required resolution - Please confirm your preferred option. See 'Geodata' TAB for more details 	<ul style="list-style-type: none"> - The required resolution is a minimum of 20m - The Map Data can come in packets (UTM zones). The software must allow users to load and work with two or more sectional maps at the same time. This is crucial when planning networks that span different geographic areas represented in separate UTM (Universal Transverse Mercator) files or maps.

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