# **Scoring Matrix DVRS Subscriber Units**

# Instructions:

Evlauate each criteria for radios within each of the streams being bid on (single band, dual band, multiband, DVRS) For multi band radios, each bid should have one radio submission for all three bands and as such, all three bands criteria are evaluated. DVRS units and multiband radios are evaluated on the same submission.

Compari If there is respondent band(s). Th lowest ba compared a ensures tha	itive scores will be calculated as per t is a comparitive score to be evaluated, S are scored against all other SUs section the score(s) for each respondent is/are ra- ased on value provided (related to the sp amongst each other to provide a compar- at the total points awarded consistently a types and streams.	he following: Us from each in the proposed inked highest to bec) and then itive score. This cross bids, radio	Sea Ex 1. Preferably s Inter Modulation {(InterMod (InterMod <sub>h</sub>	ction 8 Sco Multi should exced 75 rejection Pc d <sub>Rated SU</sub> - Ir <sub>AostReject.</sub> SU <sup>-</sup>	ring Banc ed Int dB bints A nterM Inter	Examples d: ter modulati Awarded = I od <sub>Least Reject</sub> Mod <sub>Least Reje</sub>	on rejection - Max Points x su) / <sub>sct. su</sub> )}
	Fill in the values as appropriate in the	e red outlined bo	kes				
6 Mand	atory General Equipme	nt Specific	ations				
6.7 Quality		T					
6.7.1.1	Offeror should be certified ISO 27001	<i>20 points</i> awarded to the vendor which is certified ISO 27001 <i>0 points</i> awarded to the vendor which is not certified ISO 27001				SO 27001 d ISO	
		Article S	core (Max 20 poii	nts)	=		20
6.8 Licenses	S				<u> </u>		
6.8.1.1	Radio equipment should have the capability to have their options and features be able to be transferred to another radio of same make and model during the minimum useful lifespan of the original radio.	<b>12 points</b> award options and featu make and model <b>6 points</b> awarde options and featu radio either unde <b>0 points</b> awarde transferring their replacement radi	led if the radio has ires transferred to during the useful I d if the radio has t ires transferred to r warranty or paid d if the radio does options and featur o	the capabil another rad ifespan of th he capability only a direc repair not have th es to anothe	ity to io of t ne ori y to h t repl e cap er rac	have their the same ginal radio ave their acement pability of lio or	
		Article S	core (Max 12 poir	nts)	=		12

Mobile Score       18         Desk Mounted Score       18         (Portable + Mobile + Desk) / 3       78         6.9 Identification       6 points awarded if the radio can be supplied with an RFID tag.       78         6.9.1.1 Radio equipment should have the option to add an RFID tag.       6 points awarded if the radio can be supplied with an RFID tag.       78         0 points awarded if the radio can be supplied with an RFID tag.       6 points awarded for each of the 3 radio equipment types. Scores from each of the 3 treations will be addeed and divided by 3 to determine the overall Article Score.       Points will be avarded for each of the 3 treations will be addeed and divided by 3 to determine the overall Article Score.       Points will be addeed and divided by 3 to determine the overall Article Score.         7       Mandatory Equipment Specifications       Points avarded if the RSSI thresholds for the vote-scan algorithm should be adjustable using the radio configuration software.       9 points awarded if the RSSI thresholds for the vote-scan algorithm can be adjusted using the radio configuration software.       9 points awarded if the radio is configuration software.       9 points awarded if the radio is not configuration software.         7.5.6.2       The radio should be configurable to enable to enable the voted site to be displayed.       9 points awarded if the radio is not configurable to enable the voted site to be displayed.       9 points awarded if the radio is not configurable to enable the voted site to be displayed.         7.5.6.2       The radio should be configurable to enable	6.8.2	Excluding new features or capabilities, Offeror should indicate if the proposed radio equipment is eligible for firmware/ software upgrades at no cost to the Authorised User for the lifecycle of the radio.	<ul> <li>18 points awarded if the proposed radio equipment is eligible for firmware/software upgrades at no cost to the Authorised User for the lifecycle of the radio</li> <li>0 points awarded if the proposed radio equipment is eligible for firmware/software upgrades at no cost to the Authorised User for less than the lifecycle of the radio</li> <li>Points will be awarded for each piece of radio equipment. Scores from each of the 3 iterations will be added and divided by 3 to determine the overall Article Score.</li> </ul>	
Desk Mounted Score       18         (Portable + Mobile + Desk) / 3       18         6.9 Identification       Article Score (Max 18 points) =       18         6.9.1.1       Radio equipment should have the option to add an RFID tag.       6 points awarded if the radio can be supplied with an RFID tag.       0 points awarded if the radio cannot be supplied with an RFID tag.       0 points awarded if the radio cannot be supplied with an RFID tag.       0 points awarded if the radio cannot be supplied with an RFID tag.         Points will be awarded for each of the 3 iterations will be added and divided by 3 to determine the overall Article Score.       Points will be awarded for each of the 3 iterations will be added and divided by 3 to determine the overall Article Score.       Portable + Mobile + Desk) / 3 Article Score (Max 6 points) =       6         7       Mandatory Equipment Specifications       Portable + Mobile + Desk) / 3 Article Score (Max 6 points) =       6         7.5 P25 Conventional Operation       9 points awarded if the RSSI thresholds for the vote-scan algorithm should be adjustable using the radio configuration software.       9 points awarded if the RSSI thresholds for the vote-scan algorithm can be adjusted using the radio configuration software.       9 points awarded if the radio is configuration software       9 points awarded if the radio is not configuration software       9 points awarded if the radio is not configurable to enable the voted site to be displayed.       9 points awarded if the radio is not configurable to enable the voted site to be displayed.       9 points awarded if the radio is not configura			Mobile Score = 18	
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Article Score (Max 18 points)       =         6.9 Identification       6.9.1.1         6.9.1.1       Radio equipment should have the option to add an RFID tag.       6 points awarded if the radio can be supplied with an RFID tag.         0 points awarded if the radio cannot be supplied with an RFID tag.       9 points awarded for each of the 3 iterations will be added and divided by 3 to determine the overall Article Score.         Points will be awarded for each of the 3 iterations will be added and divided by 3 to determine the overall Article Score.       Points warded for each of the 3 iterations will be added and divided by 3 to determine the overall Article Score.         Portable Score       =       6         0 points awarded for the vote-score       6         10 Desk Mounted Score       =       6         11 Desk Mounted Score       =       6         12 Desk Mounted Score       =       6         13 Article Score (Max 6 points)       =       6         14 Desk Mounted Score       =       6         15 Des Conventional Operation       9 points awarded if the RSSI thresholds for the vote-scan algorithm cannot be adjusted using the radio configuration software       9 points awarded if the RSSI thresholds for the vote-scan			(Portable + Mobile + Desk) / 3	18
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Article Score (Max 9 points)       =       9         7.5.6.2       The radio should be configurable to enable to enable the voted site to be displayed       9 points awarded if the radio is configurable to enable the voted site to be displayed.       9 points awarded if the radio is not configurable to enable the voted site to be displayed.       9 points awarded if the radio is not configurable to enable the voted site to be displayed.       9 points awarded if the radio is not configurable to enable the voted site to be displayed.       9         7.9       Enormation Kava       9       9       9			<b>0 points</b> awarded if the RSSI thresholds for the vote-scan algorithm cannot be adjusted using the radio configuration software	
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0 points awarded if the radio is not configurable to enable the voted site to be displayed.         Article Score (Max 9 points)		enable the voted site to be displayed	voted site to be displayed.	
Article Score (Max 9 points) = 9			<i>0 points</i> awarded if the radio is not configurable to enable the voted site to be displayed.	
Article Score (Max 9 points) =				9
	78 En	cruption Keys	Article Score (Max 9 points) =	

7.12 Over-7	he-Air-Programming (OTAP)						
		Article Score	(Max 6 points	) =			
		(Portable	+ Mobile + Des	sk) / 3	6		
		Desk Mounted Score	= 6				
		Mobile Score	= 6	_			
		Portable Score	= 6	_			
		overali Article Score.			-		
		Iterations will be added and di	vided by 3 to de	termine the			
		each piece of radio equipment	. Scores from e	ach of the 3			
		Points will be awarded for eac	h of the 3 band	iterations for			
		traffic encryption keys are sup	ported in each <sub>l</sub>	proposed SU.			
		0 points awarded if 64 unique	e active and 64	unique inactive			
	in radio equipment units.	proposed SU.					
	64 or more unique inactive traffic	unique inactive traffic encrypti	on keys are sup	ported in each			
7.8.3.1	At least 64 or more unique active and	6 points awarded if 64 or mo	re unique active	and 64 or more			
		Article Score	(Max 10 points	) =	10		
		installed to permit accessibility	from the driver	's side of the			
		via the control head, or conne	ct through a cal	ole that can be			
		of the radio programming cabl	e and the Key F	Fill Device cable			
		0 noints awarded if the radio	cannot allow al	low connection			
		from the driver's side of the ve					
	accessibility from the driver's side of the vehicle	<i>Tver's side of</i> radio programming cable and the Key Fill Device cable through a cable that can be installed to permit accessibility.					
	cable that can be installed to permit	5 points awarded if the mobil	e radio allows c	onnection of the			
	the control head, or connect through a						
	connection of the radio programming	the radio programming cable a	and the Key Fill	Device cable via			
7.8.2.1	Mobile Radio should be able to allow	10 points awarded if the mol	oile radio allows	connection of			
		Article Score	(Max 24 points	) =	24		
		manner which conforms at FIF	PS 140-2 Level	1.			
		<b>0 points</b> awarded if the Keys	are stored withi	n a aquinment in a			
		cryptographic module in the pl manner which conforms at FIF	oposed Radio ( PS 140-2 Level	equipment in a 2			
	security.	<b>18 points</b> awarded if the Keys	s are stored with	hin a			
	conforms at FIPS 140-2 Level 2 or 3						
	equipment in a manner which	manner which conforms at FIF	PS 140-2 Level	3.			
7.8.1.1	The Keys should be stored within a	24 points awarded if the Key	s are stored wit	hin a			

7.12.2	Offeror should describe the manner and medium that the OTAP process will occur (conventional, trunking, Wifi, Bluetooth, NFC etc)	<ul> <li>1 point awarded if the Offeron medium that the OTAP process technology:</li> <li>conventional,</li> <li>trunking,</li> <li>Wifi,</li> <li>Bluetooth,</li> <li>NFC</li> <li>0 points awarded if the Offeron and medium that the OTAP protrunking, Wifi, Bluetooth, NFC</li> <li>Points will be awarded for each Scores from each of the 3 iteration by 3 to determine the overall A</li> </ul>	r desc s will or doe ocess etc) h pied ations Article	cribes the m l occur for ea es not descr s will occur ( ce of radio e s will be add s Score.	anne ach ra ibe th (conv equipi ed ar	r and adio ne manner rentional, ment. nd divided	
		Portable Score	=	5			
		Mobile Score	=	5			
		Desk Mounted Score	=	5			
		(Portable	+ Mo	bile + Desk	()/3		5
7 40 0		Article Score	e (Ma	x 5 points)	=		
7.72.5	programming changes, to the radio equipment, without notifying the radio equipment user of any impacts to radio equipment's operations and explicit radio equipment user intervention at the time of change if the OTAP is being executed over the radio network	apply radio programming changes, to the radio equipment, without notifying the radio equipment user of any impacts to radio equipment's operations and explicit radio equipment user intervention at the time of change if the OTAP is being executed over the radio network <b>0 points</b> awarded if the proposed OTAP process does apply radio programming changes, to the radio equipment, without notifying the radio equipment user of any impacts to radio equipment's operations and explicit radio equipment user intervention at the time of change if the OTAP is being executed over the radio network					
		Points will be awarded for eac Scores from each of the 3 itera by 3 to determine the overall A Portable Score Mobile Score Desk Mounted Score	n pie ations Article = = =	ce of radio e s will be add Score. 6 6 6	ed ar	ment. nd divided	
		(Portable	+ Mo	bile + Desk	() / 3		C C
		Article Score	e (Ma	x 6 points)	=		D

7.12.4	The OTAP application should maintain a log of all changes made, including who made the changes, radio(s)	<i>b points</i> awarded if the proposed OTAP application maintains a log of all changes made, including who made the changes, radio(s) affected and configuration parameter(s) affected.					
	affected.	<b>0 points</b> awarded if the propo maintain a log of all changes r changes, radio(s) affected and affected.	n does not nade the eter(s)				
		Points will be awarded for eac Scores from each of the 3 iter by 3 to determine the overall A	h piec ations Article	ce of radio e will be add Score.	equip ed ai	ment. nd divided	
		Portable Score	=	6			
		Mobile Score	=	6			
		Desk Mounted Score	=	6			
		(Portable	+ Mo	bile + Desk	)/3		6
		Article Score	e (Max	c 6 points)	=		Ŭ
7.14.1.1 The same radio programming software <b>10 points</b> awarded if the sam should be used to provision Portable, Mobile, and Desk Mount Radios.				io programn and Desk M	ning : Iount	software is Radios.	
		<i>0 points</i> awarded if the same cannot be used to provision <i>P</i> Radios.	radio ortabl	programmi e, Mobile, a	ng so nd D	oftware Vesk Mount	
		Article Score	(Max	10 points)	=		10
7.14.8.2.1	Offeror should describe the database type proposed. If the programming software utilizes a SQL database, the Offeror must specify if it allows for external query and connection.	<b>6 points</b> awarded if the Offerd proposed and if the programm database and the Offeror spet query and connection.	or des ning so ficies t	cribes the c oftware utiliz that it allows	latab zes a s for (	ase type SQL external	
		<b>4 points</b> awarded if the Offerd proposed but does not describ utilizes a SQL database and th it allows for external query and	or des be if th he Off d conr	cribes the c ne programm feror does n nection.	latab ning ot sp	ase type software becify that	
		<b>0 points</b> awarded if the offerd database type proposed and i utilizes a SQL database and s query and connection.	or doe f the p pecifi	s not descri programming es if it allow	be th g sof s for	e ftware external	
		Antiala Oran	///		_		6
0	d Creatine Descriveres	Article Score	e (IVIa)	t o Points)	=		
o Bai	na Specific Requiremen	lS					
**NOTE** R single band	Refer to Section 4.2.2.1: For single bar d operation in all 3 bands as identified	nd Radio equipment, the Offe I in Section 8 of this SOR.	ror m	ust supply	radi	o equipmer	nt capable of
Thu	s: 7/800 must meet Section 8.2	UHF must meet Section 8	3.3	VHF	mus	t meet Sect	ion 8.4

8.2 768-776 MHz, 798-806 MHz, 806-824 MHz and 851-869 MHz (7/800) Band Specific SU Requirements

8.2.3.3 Portable Radio Radio Frequency (RF) - Receiver Specifications

8.2.3.3.1.1 Preferably should exceed sensitivity (digital) 0.25 uv (-119 dBm) 5% BER category			
(digital) 0.25 uv (-119 dBm) 5% BER Category	ded to the mo	ost sensitive portable ra	adio in
U points award	ed for the lea	st sensitive portable ra	aio in
0 to 10 points	awardod has	d on equation below a	and all
offeror's respon	ses	eu on equalion below a	inu an
Comparison b	ased rating: (	Portable Unit Max Po	ints 10)
Companioon as	loou i uliiigi (		
Sensitivity Point	ts Awarded = I	Max Points x {(Sensitiv	ity Rated SU -
Sensitivity Least S	ens SU) / (Sens	itivity Most Sens SU - Sen	sitivity Least
Sens SU)}			
	-120	X = Rated SU	
	-120	Y = Most Value	
	-119	Z = Least Value	
	10	Points awarded	
	10	. ente attaiaca	
	Article Score	(Max 10 Points) -	10
8 2 3 3 2 1 Preferably should exceed inter 10 points away	ded to the no	rtable radio with the bi	ahest inter
modulation rejection -70 dB (TIA/FIA modulation reje	ction in cateor	เฉราง เฉลาง พายา ยาง IV.	
102) 0 points award	ed for the por	table radio with the lov	vest inter
modulation reje	, ction in catego	ry.	
0 to 10 points a	awarded base	ed on equation below a	and all
offeror's respon	ses.		
Comparison ba	ased rating: (	Portable Unit Max. Po	ints 10)
Inter Modulation	rejection Poli	nts Awarded = Max Po	ints x
{(InterNod Rated S	<sub>SU</sub> - Interiviou <u>I</u>	east Reject. SU) / (IIILEIIVIO	U MostReject.
su - interviou Le	ast Reject. SU IJ		
	-71	X = Rated SU	
	-71	Y = Most Value	
	-70	Z = Least Value	
	10	Points awarded	
	10	· only awarded	
	Article Score	(Max 10 Points) -	10
8 2 3 3 3 1 Preferably should exceed adjacent 10 points awar	Article Score	(Max 10 Points) =	10 Thest
8.2.3.3.1 Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA adjacent channel)	Article Score ded to the po	(Max 10 Points) = rtable radio with the high category	10 ghest
8.2.3.3.3.1       Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102)       10 points awar adjacent channel opoints award	Article Score ded to the po el selectivity in led to the port	(Max 10 Points) = rtable radio with the hig category. able radio with the low	<b>10</b> ghest est
8.2.3.3.3.1       Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102)       10 points award adjacent channel adjacent cha	Article Score ded to the po el selectivity in led to the port el selectivity in	(Max 10 Points) = rtable radio with the hig category. able radio with the low category.	<b>10</b> ghest est
8.2.3.3.1 Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102) 0 points award adjacent channel djacent channel o to 10 points a	Article Score ded to the po el selectivity in led to the port el selectivity in awarded base	(Max 10 Points) = rtable radio with the hig category. able radio with the low category. ed on equation below a	<b>10</b> ghest est and all
8.2.3.3.3.1       Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102)       10 points awar adjacent channel adjacent chan	Article Score ded to the po el selectivity in led to the port el selectivity in awarded base ses.	(Max 10 Points) = rtable radio with the hig category. able radio with the low category. ed on equation below a	<b>10</b> ghest est and all
8.2.3.3.3.1       Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102)       10 points award adjacent channel adjacent channel of points award adjacent channel of the	Article Score ded to the po el selectivity in led to the port el selectivity in awarded base ses. ased rating: (	(Max 10 Points) = rtable radio with the hig category. able radio with the low category. ed on equation below a Portable Unit Max. Poi	<b>10</b> ghest est and all ints 10)
8.2.3.3.3.1 Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102) <b>10 points award</b> adjacent channel o to 10 points a offeror's respon <b>Comparison ba</b>	Article Score ded to the po el selectivity in led to the port el selectivity in awarded base ses. ased rating: (	(Max 10 Points) = rtable radio with the hig category. able radio with the low category. ed on equation below a Portable Unit Max. Poi	<b>10</b> ghest est and all ints 10)
8.2.3.3.3.1 Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102) 10 points award adjacent channel o to 10 points a offeror's respon Comparison ba	Article Score ded to the po el selectivity in led to the port el selectivity in awarded base ses. ased rating: ( el selectivity F	(Max 10 Points) = rtable radio with the hig category. able radio with the low category. ed on equation below a Portable Unit Max. Points Awarded = Max	<b>10</b> ghest est and all ints 10) Points x
8.2.3.3.3.1 Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102) 10 points award adjacent channel o to 10 points a offeror's respon Comparison ba Adjacent channel {(Adjacency <sub>Rate</sub> )	Article Score ded to the po el selectivity in led to the port el selectivity in awarded base ses. ased rating: ( el selectivity F d SU - Adjacen	(Max 10 Points) = rtable radio with the hig category. able radio with the low category. ed on equation below a Portable Unit Max. Points Awarded = Max of Cy <sub>Least Adj. SU</sub> ) / (Adjace	<b>10</b> ghest est and all ints 10) Points x ncy <sub>Most Adj.</sub>
8.2.3.3.3.1       Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102)       10 points award adjacent channel adjacent adjace	Article Score ded to the por el selectivity in led to the port el selectivity in awarded base ses. ased rating: ( el selectivity F d SU - Adjacen .east Adj. SU)}	(Max 10 Points) = rtable radio with the hig category. able radio with the low category. ed on equation below a Portable Unit Max. Points Awarded = Max Cy <sub>Least Adj. SU</sub> ) / (Adjace	<b>10</b> ghest est and all ints 10) Points x ncy <sub>Most Adj.</sub>
8.2.3.3.3.1 Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102) 102) 102 000 000 000 000 000 000 000 000 000	Article Score ded to the po el selectivity in led to the port el selectivity in awarded base ses. ased rating: ( el selectivity F d SU - Adjacen .east Adj. SU)}	(Max 10 Points) = rtable radio with the high category. able radio with the low category. ad on equation below a Portable Unit Max. Points Awarded = Max in Cy <sub>Least Adj. SU</sub> ) / (Adjace	<b>10</b> ghest est and all ints 10) Points x ncy <sub>Most Adj.</sub>
8.2.3.3.3.1       Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102)       10 points award adjacent channel adjacent channel of points award adjacent channel of to 10 points a offeror's respon Comparison base offeror's respon Comparison base offerory and the selective of t	Article Score ded to the po el selectivity in led to the port el selectivity in awarded base ses. ased rating: ( el selectivity F d SU - Adjacen .east Adj. SU)}	(Max 10 Points)=rtable radio with the high category.=able radio with the low category.=ad on equation below a=Portable Unit Max. Points Awarded = Max is Cy Least Adj. SU ) / (Adjace)X = Rated SU	10 ghest est and all ints 10) Points x ncy <sub>Most Adj.</sub>
8.2.3.3.3.1 Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102) 102) 102 000 000 000 000 000 000 000 000 000	Article Score ded to the por el selectivity in led to the port el selectivity in awarded base ses. ased rating: ( el selectivity F d SU - Adjacen .east Adj. SU)} -61 -61	(Max 10 Points)=rtable radio with the high category.=able radio with the low category.=ad on equation below aPortable Unit Max. Points Points Awarded = Max Cy Least Adj. SU) / (Adjace)X = Rated SU Y = Most Value	<b>10</b> ghest est and all ints 10) Points x ncy <sub>Most Adj.</sub>

			10	Points awarded		l I
					10	l
		Art	ticle Score (	(Max 10 Points) =		
8.2.3.3.4.1	Preferably should exceed spurious response rejection -70 dB	<b>10 points awarde</b> spurious response <b>0 points awarded</b> spurious response <b>0 to 10 points aw</b> offeror's response <b>Comparison base</b> Spurious response {(Rejection <sub>Rated SU</sub> <sub>Reject SU</sub> - Rejection	d to the por e rejection in to the porta rejection in arded base s. ed rating: (I e rejection P - Rejection Least Reject SU -71 -71 -70 10	Table radio with the category. able radio with the la category. ed on equation below Portable Unit Max. If Points Awarded = Ma Least Reject SU) / (Reje )} X = Rated SU Y = Most Value Z = Least Value <b>Points awarded</b>	highest owest v and all Points 10) ax Points x ction <sub>Highest</sub>	
		Art	ticle Score (	(Max 10 Points)	10	1
Overall 7/8	800 Portable (Sensitivity+Inter Mod.+Adj.	Ch. Select+Spurio	us Resp.) S	core (Max Pts. 40):	40	l
8.2.4.3	Mobile Radio Radio Frequency (RF) - R	Receiver Specification	ons			
8.2.4.3.1.1	Preferably should exceed sensitivity (digital) 0.25 μν (-119 dBm) 5% BER	10 points awarde category. 0 points awarded categrory. 0 to 10 points aw offeror's response. Comparison base Sensitivity Points A Sensitivity <sub>Least Sens. Sens. SU</sub> )}	d to the mo for the leas arded base s. ed rating: (I Awarded = M . su) / (Sens -120 -120	st sensitive mobile st sensitive mobile r ed on equation below Mobile Unit Max. Po Max Points x {(Sens itivity <sub>Most Sens. SU</sub> - S <u>X = Rated SU</u> Y = Most Value	adio in adio in v and all ints 10) itivity <sub>Rated SU</sub> - ensitivity <sub>Least</sub>	
			-119 <b>10</b>	Z = Least Value Points awarded	-	l
		Art	ticle Score (	(Max 10 Points)	10	l

8.2.4.3.2.1 Preferably should exceed inter modulation rejection -75 dB (TIA/EIA 102)	10 points award modulation reject 0 points awards modulation reject 0 to 10 points a offeror's respons Comparison ba	<ul> <li>10 points awarded to the mobile radio with the highest inter modulation rejection in category.</li> <li>0 points awarded for the mobile radio with the lowest inter modulation rejection in category.</li> <li>0 to 10 points awarded based on equation below and all offeror's responses.</li> <li>Comparison based rating: (Mobile Unit Max. Points 10)</li> </ul>				
	{(InterMod <sub>Rated St</sub> <sub>SU</sub> - InterMod <sub>Lea</sub>	{(InterMod <sub>Rated SU</sub> - InterMod <sub>Least Reject. SU</sub> ) / (InterMod <sub>MostReject.</sub> <sub>SU</sub> - InterMod <sub>Least Reject. SU</sub> )}				
		-76	X = Rated SU			
		-76	Y = Most Value			
		-75	Z = Least Value			
		10	Points awarded			
			i onno attatuca			
	A	rticle Score	(Max 10 Points) =	10		
8.2.4.3.3.1 Preferably should exceed Adjacent	10 points award	led to the mo	bile radio with the high	hest		
channel selectivity -60 dB (TIA/EIA	adjacent channe	l selectivity in	category.			
102)	0 points awarde	d to the mot	ile radio with the lowe	st		
	adjacent channe	l selectivity in	category.			
	0 to 10 points a	warded base	ed on equation below a	and all		
	offeror's respons	es.				
	Comparison ba	sed rating: (	Mobile Unit Max. Poin	ts 10)		
	Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency <sub>Rated SU</sub> - Adjacency <sub>Least Adj. SU</sub> ) / (Adjacency <sub>Most Adj.</sub> <sub>SU</sub> - Adjacency <sub>Least Adj. SU</sub> )}					
		-61	X = Rated SU			
		-61	Y = Most Value			
		-60	Z = Least Value			
		10	Points awarded			
	A	rticle Score	(Max 10 Points) =	10		
8.2.4.3.4.1 Preferably should exceed spurious	10 points award	led to the mo	bile radio with the high	hest		
response rejection -80 dB	spurious respons	se rejection in	category.			
	0 points awarde	ed to the mot	ile radio with the lowe	st		
	spurious respons	se rejection in	category.			
	0 to 10 points a	warded base	ed on equation below a	and all		
	offeror's respons	es.				
	Comparison ba	sed rating: (	Mobile Unit Max. Poin	ts 10)		
	Spurious response rejection Points Awarded = Max Points x {(Rejection <sub>Rated SU</sub> - Rejection <sub>Least Reject SU</sub> ) / (Rejection <sub>Highest</sub>					
		··· Least Reject SU	//			
		-81	X = Rated SU			
		-81	Y = Most Value			
		-80	Z = Least Value			
		10	Points awarded			

		Article Score (Max 10 Points) =	10	
Overall 7/	800 Mobile (Sensitivity+Inter Mod.+Adj.	Ch. Select+Spurious Resp.) Score (Max Pts. 40):	40	
8.2.5.3	Desk-Mounted Radio Radio Frequency	(RF) - Receiver Specifications		
8.2.5.3.1.1	Preferably should exceed sensitivity (digital) 0.25 μν (-119 dBm) 5% BER	<ul> <li>10 points awarded to the most sensitive desk-moulin category.</li> <li>0 points awarded for the least sensitive desk-moulin categrory.</li> <li>0 to 10 points awarded based on equation below offeror's responses.</li> <li>Comparison based rating: (Desk-Mounted Unit M 10)</li> <li>Sensitivity Points Awarded = Max Points x {(Sensiti Sensitivity Least Sens. SU) / (Sensitivity Most Sens. SU - Sen Sens. SU)}</li> </ul>	inted radio nted radio and all lax. Points vity <sub>Rated SU</sub> - nsitivity <sub>Least</sub>	
		-120X = Rated SU-120Y = Most Value-117Z = Least Value10Points awarded	- 10	
8.2.5.3.2.1	Preferably should exceed inter modulation rejection -75 dB (TIA/EIA 102)	<ul> <li>10 points awarded to the desk-mounted radio with highest inter modulation rejection in category.</li> <li>0 points awarded for the desk-mounted radio with inter modulation rejection in category.</li> <li>0 to 10 points awarded based on equation below offeror's responses.</li> <li>Comparison based rating: (Desk-Mounted Unit M 10)</li> <li>Inter Modulation rejection Points Awarded = Max Pot {(InterMod <sub>Rated SU</sub> - InterMod <sub>Least Reject. SU</sub>) / (InterMod <sub>SU</sub> - InterMod <sub>Least Reject. SU</sub>) / (InterMod <sub>SU</sub> - InterMod <sub>Least Reject. SU</sub>)</li> </ul>	the lowest and all lax. Points pints x od <sub>MostReject.</sub>	
		-76X = Rated SU-76Y = Most Value-75Z = Least Value10Points awarded	10	

8.3 380-430 MHz and 450-470 MHz (UHF) Band Specific SU Requirements								
Overall	//600 Band Reciever ((Overall //800 Portable + Score (Ma:	x Points: 40)	+ Overall 7/800	Desk-Mountéd) / 3)	40			
	Score (Ma)	x Points: 40)		Dook Mounter (2)	40			
	well 7/200 Deels Manufact (Denetitistics)	A	rticle Score	(Max 10 Points) =	10			
			10	Points awarded				
			-80	Z = Least Value				
			-81	Y = Most Value				
			-81	X = Rated SU				
		<sub>Reject SU</sub> - Rejectio	o <b>n</b> <sub>Least</sub> Reject SU	)}				
		{(Rejection <sub>Rated S</sub>	$_{U}$ - Rejection	Least Reject SU) / (Rejection	on <sub>Highest</sub>			
		Spurious respon	se rejection F	oints Awarded = Max	Points x			
		10)	· · · · · · · · · · · · · · · · · · ·					
		offeror's respons	es. <b>sed ratina:</b> (	Desk-Mounted Unit Ma	ax. Points			
		0 to 10 points a	warded base	ed on equation below a	and all			
		spurious respons	se rejection in	category.	IE IUWESI			
	response rejection -80 dB	highest spurious	response reje	ection in category. k-mounted radio with th	he lowest			
8.2.5.3.4.1	Preferably should exceed spurious	10 points award	led to the dea	sk-mounted radio with	the			
		Α	rticle Score	(Max 10 Points) =	10			
			10	Points awarded				
			-60	Z = Least Value				
			-61	Y = Most Value				
			-61	X = Rated SU				
		SU - Adjacency Le	ast Adj. SU)}					
		{(Adjacency <sub>Rated</sub>	<sub>SU</sub> - Adjaceno	Cy <sub>Least Adj. SU</sub> ) / (Adjace	ncy <sub>Most Adj.</sub>			
		Adjacent channe	l selectivity P	oints Awarded = Max I	Points x			
		10)	10)					
		Comparison ba	ం. sed rating:(	(Desk-Mounted Unit M	lax. Points			
		0 to 10 points a	0 to 10 points awarded based on equation below and all					
		adjacent channe	adjacent channel selectivity in category.					
	channel selectivity -60 dB (TIA/EIA	highest adjacent	highest adjacent channel selectivity in category.					
8.2.5.3.3.1	Preferably should exceed adjacent	10 points award	led to the dea	sk-mounted radio with	the			

8.3.3.3.1.1	Preferably should exceed sensitivity	10 points award	led to the mo	ost sensitive portable r	adio in		
	(dıgital) 0.25 μν (-119 dBm) 5% BER	category.	d for the let	at a paiting randahla	dia in		
			a for the lea	st sensitive portable ra	alo in		
		Calegrory.					
		offeror's respons	es.		ind all		
		Comparison ba	sed rating: (	Portable Unit Max. Po	nts 10)		
			•		,		
		Sensitivity Points	s Awarded = I	Max Points x {(Sensitiv	ity <sub>Rated SU</sub> -		
		Sensitivity Least Se	<sub>ns. SU</sub> ) / (Sens	sitivity <sub>Most Sens. SU</sub> - Sen	sitivity <sub>Least</sub>		
		Sens. SU )}					
			-120	X = Rated SU			
			-120	Y = Most Value			
			-119	Z = Least Value			
			10	Points awarded			
					10		
		A	rticle Score	(Max 10 Points) =			
8.3.3.3.2.1	Preferably should exceed inter	10 points award	led to the po	rtable radio with the hi	ghest inter		
	modulation rejection -/0 dB (TIA/EIA	modulation rejec	tion in catego	)ry. tabla radia with the lay	vo at inter		
	102)		tion in catego		lest miler		
		0 to 10 points a	warded base	ny. A on equation below a	nd all		
		offeror's respons	es.				
		Comparison ba	sed rating: (	Portable Unit Max. Po	nts 10)		
		Inter Modulation	rejection Poil	nts Awarded = Max Po	ints x		
		{(InterMod <sub>Rated St</sub>	y - Interivioa <sub>L</sub>	.east Reject. SU) / (INTERIVIO	D MostReject.		
		SU - IIILEIIVIOU Leas	st Reject. SU <b>/}</b>				
			-71	X = Rated SU			
			-71	Y = Most Value			
			-70	Z = Least Value			
			10	Points awarded			
					10		
		A	rticle Score	(Max 10 Points) =	10		
8.3.3.3.3.1	Preferably should exceed adjacent	10 points award	led to the po	rtable radio with the hi	ghest		
	channel selectivity -60 dB (TIA/EIA	adjacent channe	l selectivity in	category.			
	102)	0 points awarde	d to the port	able radio with the low	est		
		adjacent channe	l selectivity in	category.			
		o to to points a	warded base	ed on equation below a	nu all		
		Comparison ba	sed rating: (	Portable Unit Max Po	ints 10)		
			Sea rating.				
		Adjacent channe	l selectivity F	oints Awarded = Max	Points x		
		{(Adjacency Rated	<sub>SU</sub> - Adjacen	cy <sub>Least Adj. SU</sub> ) / (Adjace	ncy <sub>Most Adj.</sub>		
		<sub>SU</sub> - Adjacency <sub>Le</sub>	east Adj. SU <b>)}</b>				
			-61	X = Rated SU			
			-61	X = Most Value			
			-60	7 =   east Value			
			10	Points awardod			
			10	Points awarded			

			utiala Caava		10	
0.0.0.0.4.4		Al	ticle Score	(Max 10 Points) =	where t	
8.3.3.3.4.1	Preferably should exceed spurious response rejection -70 dB	10 points award spurious respons 0 points awarde spurious respons 0 to 10 points aw offeror's response Comparison bas Spurious respons {(Rejection <sub>Rated SU</sub> <sub>Reject SU</sub> - Rejectio	ed to the port e rejection in d to the port e rejection in warded base es. sed rating: ( se rejection F - Rejection n <sub>Least Reject SU</sub>	table radio with the hi category. able radio with the low category. ad on equation below a Portable Unit Max. Po Points Awarded = Max <sub>Least Reject SU</sub> ) / (Rejecti )}	ghest vest and all ints 10) Points x on <sub>Highest</sub>	
			-/1	X = Rated SU		
			-/1	Y = 100st Value		
			-70	2 = Least value		
			10	Points awarded		
		Ai	rticle Score	(Max 10 Points) =	10	
Overall U	HF Portable (Sensitivity+Inter Mod.+Adj.	Ch. Select+Spurio	40			
8.3.4.3	Mobile Radio Radio Frequency (RF) - F	Receiver Specificat	ions			
0.3.4.3.1.1	(digital) 0.25 μν (-119 dBm) 5% BER	<ul> <li>10 points awarded to the most sensitive mobile radio in category.</li> <li>0 points awarded for the least sensitive mobile radio in categrory.</li> <li>0 to 10 points awarded based on equation below and all offeror's responses.</li> <li>Comparison based rating: (Mobile Unit Max. Points 10)</li> <li>Sensitivity Points Awarded = Max Points x {(Sensitivity <sub>Rated SU</sub> - Sensitivity <sub>Least Sens. SU</sub>) / (Sensitivity <sub>Most Sens. SU</sub> - Sensitivity <sub>Least Sens. SU</sub>)}</li> </ul>				
			-120	X = Rated SU		
			-120	Y = Wost Value		
			-119	Z = Least value		
			10	Points awarded		
		Ai	rticle Score	(Max 10 Points) =	10	
8.3.4.3.2.1	Preferably should exceed inter modulation rejection -75 dB (TIA/EIA 102)	10 points award modulation reject 0 points awarde modulation reject 0 to 10 points aw offeror's response Comparison bas	ed to the mo ion in catego d for the mo ion in catego warded base es. sed rating: ( rejection Poir	bile radio with the high ry. bile radio with the lowe ry. ed on equation below a Mobile Unit Max. Poin nts Awarded = Max Po	hest inter est inter and all ts 10) pints x	

			-76	X = Rated SU		
			-76	Y = Most Value		
			-75	Z = Least Value		
			10	Points awarded		
		A	rticle Score	(Max 10 Points) =	10	
8.3.4.3.3.1	Preferably should exceed Adjacent	10 points award	led to the mo	bile radio with the higl	hest	
	channel selectivity -60 dB (TIA/EIA	adjacent channe	l selectivity in	category.		
	102)	0 points awarde	d to the mob	ile radio with the lowe	st	
		adjacent channel	l selectivity in	category.		
		0 to 10 points a	warded base	ed on equation below a	and all	
		Comparison ba	es. sod ratina: (	Mohile I Init Max Poin	ts 10)	
			seu rating.		13 70)	
		Adjacent channe	l selectivity P	oints Awarded = Max	Points x	
		{(Adjacency Rated	<sub>SU</sub> - Adjacent	cy <sub>Least Adj. SU</sub> ) / (Adjace	ncy <sub>Most Adj.</sub>	
		SU - Adjacency Le	ast Adj. SU <b>)}</b>		-	
			-61	X = Rated SU		
			-61	Y = Most Value		
			-60	Z = Least Value		
			10	Points awarded		
				<i></i>	10	
		A	rticle Score	(Max 10 Points) =	10	
8.3.4.3.4.1	Preferably should exceed spurious	A 10 points award	rticle Score	(Max 10 Points) =	10 hest	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points awards	rticle Score led to the mo se rejection in ed to the mob	(Max 10 Points) = bile radio with the high category.	10 hest	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points awarde spurious respons	rticle Score led to the mo se rejection in ed to the mob se rejection in	(Max 10 Points) = bile radio with the high category. bile radio with the lower category.	10 hest st	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points awarde spurious respons 0 to 10 points a	rticle Score led to the mo se rejection in ed to the mob se rejection in warded base	(Max 10 Points) = bile radio with the high category. bile radio with the lowe category. ed on equation below a	<b>10</b> hest st and all	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points award spurious respons 0 to 10 points a offeror's respons	rticle Score led to the mo se rejection in ed to the mob se rejection in warded base es.	(Max 10 Points) =	<b>10</b> hest st and all	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points award spurious respons 0 to 10 points a offeror's respons Comparison bas	rticle Score led to the mo se rejection in ed to the mob se rejection in warded base es. sed rating: (	(Max 10 Points) = bile radio with the high category. bile radio with the lowe category. ad on equation below a Mobile Unit Max. Point	<b>10</b> hest and all ts 10)	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points awarde spurious respons 0 to 10 points a offeror's respons Comparison bas	rticle Score led to the mo se rejection in ed to the mob se rejection in warded base es. sed rating: (	(Max 10 Points) = bile radio with the high category. ile radio with the lower category. ed on equation below a Mobile Unit Max. Point	<b>10</b> hest and all ts 10)	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points awarde spurious respons 0 to 10 points au offeror's respons Comparison bas Spurious respons (Rejection points	rticle Score led to the mo se rejection in ed to the mob se rejection in warded base es. sed rating: ( se rejection F	(Max 10 Points) = bile radio with the high category. bile radio with the lowe. category. ed on equation below a Mobile Unit Max. Point Points Awarded = Max	<b>10</b> hest and all ts 10) Points x	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points award spurious respons 0 to 10 points av offeror's respons Comparison bas Spurious respons {(Rejection <sub>Rated S</sub> Balact SU - Rejection	rticle Score led to the modese rejection in the to the modese rejection in warded base es. sed rating: ( se rejection $F_{U}$ - Rejection	(Max 10 Points) = bile radio with the high category. ile radio with the lower category. d on equation below a Mobile Unit Max. Point Points Awarded = Max <sub>Least Reject SU</sub> ) / (Rejection )}	10 hest and all ts 10) Points x on <sub>Highest</sub>	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points awarde spurious respons 0 to 10 points a offeror's respons Comparison bas Spurious respons {(Rejection <sub>Rated S</sub> <sub>Reject SU</sub> - Rejection	rticle Score led to the mo se rejection in warded base es. sed rating: ( se rejection F U - Rejection D Least Reject SU	(Max 10 Points) = bile radio with the high category. ile radio with the lower category. ed on equation below a Mobile Unit Max. Point Points Awarded = Max <sub>Least Reject SU</sub> ) / (Rejection )}	10 hest and all ts 10) Points x on <sub>Highest</sub>	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points award spurious respons 0 to 10 points a offeror's respons Comparison bas Spurious respons {(Rejection <sub>Rated S</sub> <sub>Reject SU</sub> - Rejection	rticle Score led to the modes are rejection in the to the modes are rejection in warded base es. sed rating: ( se rejection $F$ $_U$ - Rejection on <sub>Least Reject SU</sub> -81	(Max 10 Points)       =         abile radio with the high         category.         ad on equation below a         Mobile Unit Max. Point         Points Awarded = Max         Least Reject SU) / (Rejection)         X = Rated SU	<b>10</b> hest and all ts 10) Points x on <sub>Highest</sub>	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points award spurious respons 0 to 10 points a offeror's respons Comparison bas Spurious respons {(Rejection <sub>Rated S</sub> <sub>Reject SU</sub> - Rejection	rticle Score led to the modese rejection in ed to the modese rejection in warded base es. sed rating: ( se rejection $F_U$ - Rejection $P_U$ - Rejection $P_Least Reject SU$ -81 -81	$\begin{array}{  c  } \hline (Max \ 10 \ Points) & = \\ \hline (Max \ 10 \ Point$	<b>10</b> hest and all ts 10) Points x on <sub>Highest</sub>	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points awarde spurious respons 0 to 10 points a offeror's respons Comparison bas Spurious respons {(Rejection <sub>Rated S</sub> <sub>Reject SU</sub> - Rejection	rticle Score led to the mo se rejection in warded base es. sed rating: ( se rejection F u - Rejection Pu Least Reject SU -81 -81 -80	(Max 10 Points)=bile radio with the high category.bile radio with the lower category.category.ad on equation below aMobile Unit Max. PointPoints Awarded = Max Least Reject SU) / (Rejection)X = Rated SU Y = Most Value Z = Least Value	<b>10</b> hest and all ts 10) Points x on <sub>Highest</sub>	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points award spurious respons 0 to 10 points a offeror's respons Comparison bas Spurious respons {(Rejection <sub>Rated S</sub> <sub>Reject SU</sub> - Rejection	rticle Scoreled to the modese rejection inse rejection inwarded basees.sed rating:se rejection $F$ $U$ - Rejection $F$ <td< td=""><td>(Max 10 Points)=abile radio with the high category.abile radio with the lower category.ad on equation below aMobile Unit Max. PointPoints Awarded = Max Least Reject SU) / (Rejection )}X = Rated SU Y = Most Value Z = Least ValuePoints awarded</td><td><b>10</b> hest and all ts 10) Points x on <sub>Highest</sub></td><td></td></td<>	(Max 10 Points)=abile radio with the high category.abile radio with the lower category.ad on equation below aMobile Unit Max. PointPoints Awarded = Max Least Reject SU) / (Rejection )}X = Rated SU Y = Most Value Z = Least ValuePoints awarded	<b>10</b> hest and all ts 10) Points x on <sub>Highest</sub>	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points awarde spurious respons 0 to 10 points a offeror's respons Comparison bas Spurious respons {(Rejection <sub>Rated</sub> s <sub>Reject SU</sub> - Rejection	rticle Scoreled to the modese rejection inse rejection inwarded basees.sed rating:se rejection $F_U$ - Rejection $P_Least Reject SU$ -81-8010	(Max 10 Points)=bile radio with the high category.ile radio with the lower category.ad on equation below aMobile Unit Max. PointPoints Awarded = Max Least Reject SU) / (Rejection )}X = Rated SU Y = Most Value Z = Least ValuePoints awarded	10 hest and all ts 10) Points x on <sub>Highest</sub>	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points awarde spurious respons 0 to 10 points ar offeror's respons Comparison bas Spurious respons {(Rejection <sub>Rated S</sub> <sub>Reject SU</sub> - Rejection A	rticle Scoreled to the modese rejection inse rejection inwarded basees.sed rating:se rejection $F_{U}$ - Rejection $P_{U}$ - Reject SU- 81- 8010rticle Score	(Max 10 Points)=abile radio with the high category.abile radio with the lower category.ad on equation below aMobile Unit Max. PointPoints Awarded = Max Least Reject SU) / (Rejection )}X = Rated SU Y = Most Value Z = Least ValuePoints awardedMost Value (Max 10 Points)	10 hest st and all ts 10) Points x on <sub>Highest</sub>	
8.3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	A 10 points award spurious respons 0 points awarde spurious respons 0 to 10 points au offeror's respons Comparison bas Spurious respons {(Rejection <sub>Rated S</sub> <sub>Reject SU</sub> - Rejection A Ch. Select+Spurio	rticle Scoreled to the modese rejection inse rejection inwarded basees.sed rating:se rejection $F_{U}$ - Rejection $F_{U}$ <tr< td=""><td>(Max 10 Points)=abile radio with the high category.abile radio with the lower category.ad on equation below aMobile Unit Max. PointPoints Awarded = Max Least Reject SU) / (Rejection )}X = Rated SU Y = Most Value Z = Least ValuePoints awarded(Max 10 Points)=ore (Max Pts. 40):</td><td>10 hest st and all ts 10) Points x on <sub>Highest</sub> 10 40</td><td></td></tr<>	(Max 10 Points)=abile radio with the high category.abile radio with the lower category.ad on equation below aMobile Unit Max. PointPoints Awarded = Max Least Reject SU) / (Rejection )}X = Rated SU Y = Most Value Z = Least ValuePoints awarded(Max 10 Points)=ore (Max Pts. 40):	10 hest st and all ts 10) Points x on <sub>Highest</sub> 10 40	

8.3.5.3.1.	Preferably should exceed sensitivity	10 points award	led to the mo	ost sensitive desk-mou	nted radio			
	(digital) 0.25 μν (-119 dBm) 5% BER	in category.	<b>d</b> for the lea	st sensitive desk-mou	nted radio			
		in categrory.	in categrory.					
		0 to 10 points a	and all					
		offeror's respons	ses.					
		Comparison ba	<b>Comparison based rating:</b> (Desk-Mounted Unit Max. Points					
		10)						
		Sensitivity Points	s Awarded = I	Max Points x {(Sensitiv	rity <sub>Rated SU</sub> -			
		Sensitivity Least Se	<sub>ns. SU</sub> ) / (Sens	sitivity <sub>Most Sens. SU</sub> - Ser	sitivity <sub>Least</sub>			
		Sens. SU )}						
			-120	X = Rated SU				
			-120	Y = Most Value				
			-117	Z = Least Value				
			10	Points awarded				
					10			
83532	1 Preferably should exceed inter	A 10 points awars	rticle Score	(Max 10 Points) =	tho			
0.5.5.5.5.2.	modulation rejection -75 dB (TIA/EIA	highest inter mo	dulation reiec	tion in category.				
	102)	0 points awarde	ed for the des	sk-mounted radio with	the lowest			
		inter modulation	rejection in c	ategory.				
		0 to 10 points a	warded base	ed on equation below a	and all			
		Comparison ba	ies. sod ratina: (	Desk-Mounted Unit M	av Points			
		10)	Sea rating.					
		Inter Modulation	rejection Poil	nts Awarded = Max Po	ints x			
		Su - InterMod		east Reject. SU) / (IIICerivio	u MostReject.			
			-76	X = Bated SII				
			-76	Y = Most Value				
			-75	Z = Least Value				
			10	Points awarded				
					10			
		A	rticle Score	(Max 10 Points) =	10			
8.3.5.3.3.	1 Preferably should exceed adjacent	10 points award	led to the de	sk-mounted radio with	the			
		0 points awarde	ed to the des	k-mounted radio with t	he lowest			
		adjacent channe	I selectivity in	category.				
		0 to 10 points a	warded base	ed on equation below a	and all			
		offeror's respons	es.	(/Daala / / / / / / / / / / / / / / / / / /	law Dainta			
		Comparison ba	sed rating: (	(Desk-Mounted Unit N	lax. Points			
		10)						
		Adjacent channe	l selectivity F	oints Awarded = Max	Points x			
		{(Adjacency <sub>Rated</sub>	<sub>SU</sub> - Adjacen	cy <sub>Least Adj. SU</sub> ) / (Adjace	ncy <sub>Most Adj.</sub>			
		<sub>SU</sub> - Adjacency <sub>Le</sub>	east Adj. SU <b>)}</b>					
			-61	X = Rated SU				
			-61	Y = Most Value				
		•						

	1	1	-60	7 = Least Value	1	1
			-00	Points awarded		
			10	Foints awarded		
		A	rticle Score	(Max 10 Points) =	10	
8.3.5.3.4.1	Preferably should exceed spurious	10 points award	led to the de:	sk-mounted radio with	the	
	response rejection -80 dB	highest spurious	response rej	ection in category.		
		0 points awarde	d to the desi	k-mounted radio with t	he lowest	
		spurious respons	e rejection in	category.		
		0 to 10 points a	warded base	ed on equation below a	and all	
		Comparison ba	es. sod ratina: (	Desk-Mounted I Init M	av Points	
		10)		Desk-Mounted Onit M		
		Spurious respons	se rejection F	oints Awarded = Max	Points x	
		{(Rejection Rated S	U - Rejection	Least Reject SU) / (Rejecti	on <sub>Highest</sub>	
		<sub>Reject SU</sub> - Rejectio	n <sub>Least Reject</sub> SU	)}		
			-81	X = Rated SU		
			-81	Y = Most Value		
			-80	Z = Least Value		
			10	Points awarded		
					10	
		A	rticle Score	(Max 10 Points) =	10	
0	Overall UHF Desk-Mounted (Sensitivity+Inter Mod.+Adj. Ch. Select+Spurious Resp.) Score (Max Points: 40)					
Overa	ll UHF Band Reciever ((Overall UHF Portable + Score (Max	Overall UHF Mobile + Points: 40)	Overall UHF D	esk-Mounted) / 3)	40	
8.4 138-14	44 MHz and 148-174 MHz (VHF) Ba	nd Specific SU	Requireme	nts		
8.4.3.3	Portable Radio Radio Frequency (RF) -	- Receiver Specific	ations			
8.4.3.3.1.1	Preferably should exceed sensitivity	10 points award	led to the mo	ost sensitive portable r	adio in	
	(digital) 0.22 μν (-120dBm) 5% BER	category.				
		o points awarde	a for the leas	st sensitive portable ra	aalo in	
		0 to 10 points a	warded base	d on equation below a	and all	
		offeror's respons	es.			
		Comparison bas	sed rating: (	Portable Unit Max. Po	ints 10)	
		Sensitivity Points	: Awarded = I	Max Points x {(Sensitiv	/itv Batad SU -	
		Sensitivity Least Ser	(Sens	itivity Most Sens SU - Sen	Sitivity Least	
		Sens. SU)}				
			-120	X = Rated SU		
			-120	Y = Most Value	l	
			-119	Z = Least Value	ļ	
			10	Points awarded		
					10	
		A	rticle Score	(Max 10 Points) =		1

8.4.3.3.2.1	Preferably should exceed inter modulation rejection -70 dB (TIA/EIA 102)	<ul> <li>10 points awarded to the portable radio with the highest inter modulation rejection in category.</li> <li>0 points awarded for the portable radio with the lowest inter modulation rejection in category.</li> <li>0 to 10 points awarded based on equation below and all offeror's responses.</li> <li>Comparison based rating: (Portable Unit Max. Points 10)</li> </ul>				
		Inter Modulation {(InterMod <sub>Rated S</sub> <sub>SU</sub> - InterMod <sub>Lea</sub>	rejection Poir <sub>U</sub> - InterMod <sub>L</sub> <sub>st Reject. SU</sub> )}	nts Awarded = Max Po <sub>east Reject. SU</sub> ) / (InterMo	ints x d <sub>MostReject.</sub>	
			-71	X = Rated SU		
			-71	Y = Most Value		
			-70	7 = Least Value		
			10	Points awarded		
			10	Tomits awarded		
			rticle Score	(Max 10 Points) -	10	
843331	Preferably should exceed adjacent	10 points awar	had to the no	table radio with the bi	ahest	
0.7.0.0.0.1	channel selectivity -60 dR (TIA/FIA	adjacent channe	l selectivity in	category	griesi	
	102)	0 points awarde	ed to the port	able radio with the low	rest	
	,	adiacent channe	l selectivity in	category.		
		0 to 10 points a	warded base	ed on equation below a	and all	
		offeror's respons	ses.	,		
		Comparison ba	sed rating: (	Portable Unit Max. Po	ints 10)	
		Adjacent channe {(Adjacency <sub>Rated</sub> <sub>SU</sub> - Adjacency <sub>Le</sub>	el selectivity P <sub>SU</sub> - Adjaceno <sub>east Adj. SU</sub> )}	oints Awarded = Max ( Cy <sub>Least Adj. SU</sub> ) / (Adjace	Points x ncy <sub>Most Adj.</sub>	
			-61	X = Rated SU		
			-61	Y = Most Value		
			-60	Z = Least Value		
			10	Points awarded		
			rticle Score	(Max 10 Points) =	10	
843341	Preferably should exceed sourious	10 points awar	led to the no	table radio with the hi	ahest	
8.4.3.3.4.1	Preferably should exceed spurious response rejection -70 dB	10 points award spurious respons 0 points award	led to the pol se rejection in ed to the port	rtable radio with the hig category. able radio with the low	ghest rest	
		spurious respon	se rejection in	category.		
		0 to 10 points a	warded base	ed on equation below a	and all	
		offeror's respons	ses.			
		Comparison ba	sed rating:(	Portable Unit Max. Po	ints 10)	
		Spurious respon	se rejection F	Points Awarded = Max	Points x	
		{(Rejection Rated S	<sub>SU</sub> - Rejection	<sub>Least Reject SU</sub> ) / (Rejecti	on <sub>Highest</sub>	
		<sub>Reject SU</sub> - Rejectio	<b>ON</b> <sub>Least</sub> Reject SU	)}		
			_71	X = Rated SU		
			-71	V - Most Value		
			-71	7 = 1005t Value		
	1	I	-70	Z - LEAST VAIUE		

			10	Points awarded		
		Arti	icle Score (	(Max 10 Points) =	10	
Overall VI	HF Portable (Sensitivity+Inter Mod.+Adj.	Ch. Select+Spuriou	is Resp.) So	core (Max Pts. 40):	40	
8.2.4.3	Mobile Radio Radio Frequency (RF) - R	Receiver Specificatio	ons			
8.2.4.3.1.1	Preferably should exceed sensitivity (digital) 0.25 μν (-119 dBm) 5% BER	<ul> <li>10 points awarded to the most sensitive mobile radio in category.</li> <li>0 points awarded for the least sensitive mobile radio in categrory.</li> <li>0 to 10 points awarded based on equation below and all offeror's responses.</li> <li>Comparison based rating: (Mobile Unit Max. Points 10)</li> <li>Sensitivity Points Awarded = Max Points x {(Sensitivity <sub>Rated SU</sub> - Sensitivity <sub>Least Sens. SU</sub>) / (Sensitivity <sub>Most Sens. SU</sub> - Sensitivity <sub>Least</sub> <sub>Sens. SU</sub>)}</li> </ul>				
			-120 -120 -119 <b>10</b>	X = Rated SU Y = Most Value Z = Least Value <b>Points awarded</b>	10	
8.2.4.3.2.1	Preferably should exceed inter modulation rejection -75 dB (TIA/EIA 102)	Arti 10 points awarded modulation rejectio 0 points awarded modulation rejectio 0 to 10 points awa offeror's responses Comparison base Inter Modulation re {(InterMod <sub>Rated SU</sub> - <sub>SU</sub> - InterMod <sub>Least R</sub>	d to the mo on in catego for the mol on in catego arded base arded	$\begin{bmatrix} Max & TU Points \\ Max & TU Points \\ \end{bmatrix} = \\ bile radio with the high ry. \\ bile radio with the lowe ry. \\ ed on equation below a \\ Mobile Unit Max. Point \\ Mobile Unit Max. Point \\ Awarded = Max Po \\ east Reject. SU \\ / (InterMood \\ X = Rated SU \\ Y = Most Value \\ Z = Least Value \\ Points awarded \\ \end{bmatrix}$	hest inter est inter and all ts 10) ints x d <sub>MostReject.</sub>	
		Arti	icle Score (	(Max 10 Points) =	10	

8.2.4.3.3.1	Preferably should exceed Adjacent	10 points award	ed to the mo	bile radio with the	hiqi	hest	
	channel selectivity -60 dB (TIA/EIA	adjacent channel	selectivity in	category.	0		
	102)	0 points awarde	<b>d</b> to the mob	ile radio with the	lowe	st	
		adjacent channel	adjacent channel selectivity in category.				
		0 to 10 points av	warded base	d on equation be	low a	and all	
		Comparison bas	es. Sod rating: ()	Mohile I Init May	Poin	ts 10)	
		comparison bas					
		Adjacent channel selectivity Points Awarded = Max Points x					
		{(Adjacency <sub>Rated SU</sub> - Adjacency <sub>Least Adj. SU</sub> ) / (Adjacency <sub>Most Adj.</sub>					
		<sub>SU</sub> - Adjacency <sub>Lea</sub>	ast Adj. SU)}				
			-61	X = Rated SU	I		
			-61	Y = Most Valu	e		
			-60	Z = Least Valu	e		
			10	Points awarde	ed		
						10	
		Ai	rticle Score (	Max 10 Points)	=	10	
8.2.4.3.4.1	Preferably should exceed spurious	10 points award	ed to the mo	bile radio with the	e higi	hest	
	response rejection -80 dB	spurious respons	e rejection in d to the mob	category. ilo radio with tho	lowo	ct	
			e rejection in	rategory	Owe	51	
		0 to 10 points av	varded base	d on equation be	low a	and all	
		offeror's response	es.	<b>-</b>			
		Comparison bas	sed rating: (I	Mobile Unit Max.	Poin	ts 10)	
		Spurious respons	se rejection P	oints Awarded = I	Max	Points X	
		{(Rejection Rated St	n - Rejection	Least Reject SU ) / (RE	jecu	OII Highest	
		Reject SU - Nejectio	Least Reject SU	15			
			-81	X = Rated SU	J		
			-81	Y = Most Valu	e		
			-80	Z = Least Valu	e		
			10	Points awarde	d		
						10	
		Ai	rticle Score (	Max 10 Points)	=	10	
Overall V	'HF Mobile (Sensitivity+Inter Mod.+Adj. (	Ch. Select+Spuriou	ıs Resp.) Sc	ore (Max Pts. 40)	:	40	
8.4.5.3	Desk-Mounted Radio Radio Frequency	(RF) - Receiver S	pecifications				
8.4.5.3.1.1	Preferably should exceed sensitivity	10 points award	ed to the mo	st sensitive desk-	тои	nted radio	
	(digital) 0.25 µV (-119 dBm) 5% BER	in category.	d for the least			ata di ka dia	
		in categrony	<b>a</b> for the leas	st sensitive desk-i	noui	nted radio	
		0 to 10 points av	warded hase	d on equation be	low a	and all	
		offeror's response	es.	a on equation be	0000		
		Comparison bas	sed rating: (I	Desk-Mounted Ur	nit M	ax. Points	
		10)	0 (				
			A			.14	
		Sensitivity Points	Awarded = N	/iax Points x {(Sei	nsitiv	/ITY Rated SU -	
		Sensitivity Least Sen	<sub>ns. SU</sub> ) / (Sens	ILIVILY Most Sens. SU -	Sen	ISITIVITY <sub>Least</sub>	
		Sens. SU )}					
			-				

			-120	X - Rated SII			
			-120	V - Most Value			
			-120	7 = 1  past Value			
			10	Doints awarded			
			10	Points awarded			
			<i>(</i> 1 0		10		
045004	Durferently also yeld averaged inter-	A	rticle Score	(Max 10 Points) =	4h -		
8.4.5.3.2.1	Preferably should exceed inter	10 points award	led to the dea	sk-mounted radio with	the		
	102)	0 points awarde	d for the des	k-mounted radio with	the lowest		
	102)	inter modulation	reiection in ca	ategory			
		0 to 10 points a	warded base	ed on equation below a	and all		
		offeror's responses.					
		Comparison ba	sed rating:(	Desk-Mounted Unit M	ax. Points		
		10)					
			= :				
		Inter Modulation	rejection Poir	nts Awarded = Max Po	oints x		
		{(InterMod <sub>Rated St</sub>	ر - InterMod ا	.east Reject. SU) / (INterMo	<b>d</b> <sub>MostReject.</sub>		
		<sub>SU</sub> - InterMod <sub>Leas</sub>	st Reject. SU <b>)}</b>				
			70				
			-/6	x =  Kated SU			
			-76	Y = Most Value			
			-75	Z = Least Value			
			10	Points awarded			
					10		
		A	rticle Score	(Max 10 Points) =			
8.4.5.3.3.1	Preferably should exceed adjacent	10 points award	led to the de	sk-mounted radio with	the		
	channel selectivity -60 dB (TIA/EIA	highest adjacent	channel sele	ctivity in category.	h a 1aa at		
	102)	o points awarde	a to the desi	k-mounted radio with t	ne lowest		
		aujacent channel	i selectivity IN wardod base	calegory. ad on equation below a	and all		
		offeror's response	es	รัน อกา อีนุนลแอกา มีอเปพ ส	anu an		
		Comparison ba	sed ratina: (	(Desk-Mounted Unit N	lax. Points		
		10)	<b>.</b>	(	••••••		
		Adjacent channe	l selectivity P	oints Awarded = Max	Points x		
		{(Adjacency Rated	<sub>SU</sub> - Adjacen	cy <sub>Least Adj. SU</sub> ) / (Adjace	ency <sub>Most Adj.</sub>		
		<sub>SU</sub> - Adjacency <sub>Le</sub>	ast Adj. SU <b>)}</b>				
			-61	X = Rated SU			
			-61	Y = Most Value			
			-60	Z = Least Value			
			10	Points awarded	1		
		A	rticle Score	(Max 10 Points) =	10		

8.4.5.3.4.1	Preferably should exceed spurious	10 points awarde	ed to the des	sk-mounted radio with	the	
	response rejection -80 dB	highest spurious i	response reje	ection in category.		
		0 points awarded	<b>d</b> to the desk	-mounted radio with ti	he lowest	
		spurious response	e rejection in	category.		
		0 to 10 points av	varded base	d on equation below a	and all	
		offeror's response	es.			
		Comparison bas 10)				
		Spurious respons	e rejection P	oints Awarded = Max	Points v	
		{Rejection provide	- Rejection	(Rejecti	on units A	
		Rejection			Hignest	
		Reject SU Trojootion	Least Reject SU	<i>1</i>		
			-81	X = Rated SU	1	
			-81	Y = Most Value	1	
			-80	Z = Least Value		
			10	Points awarded	1	
					10	
		Ar	ticle Score (	(Max 10 Points) =	10	
0	verall VHF Desk-Mounted (Sensitivity+In	ter Mod.+Adj. Ch.	Select+Spuri	ous Resp.)	40	
	Score (Max	Points: 40)			40	
Ove	rall VHF Band Reciever ((Overall VHF Portable + ) Score (Max	Overall VHF Mobile + C Points: 40)	overall VHF Des	k-Mounted) / 3)	40	
	Total Band	Specific Requireme	ents			
	((Overall 7/800 Band Reciever + Overall L	IHF Band Reciever	+ Overall VHI	- Band Reciever) / 3)		40
	Scol	re (Max Pts. 40):				
9 Po	rtable Radio Specific Sp	pecification	s			
9.1 Genera			-			
9.1.2.1	Portable radio should have an audio	6 points awarded	d if proposed	Portable Radio has a	n audio	
	output of 1 Watt at no more than 1.5%	output of 1 Watt o	n more at no	more than 1.5% audio	0	
	audio distortion level.	distortion level.				
		0 points awarded	d if proposed	Portable Radio has a	n audio	
		output of less that	n 1 Watt or n	ore than 1.5% audio	distortion	
		A	rticle Score	(Max 6 Points) =		6
9.2 Environ	mental Requirements			· · · · ·		

9.2.4	9.2.4 Offeror should provide details of any available options of versions of their available options of the the				
	radio equipment that comply with UL Division 1 specifications operating in environments that contain ignitable concentrations of flammable gases,	comply with UL Division 1 specifications operating in environments that contain ignitable concentrations of flammable gases, flammable liquid-produced vapours, or combustible liquid-produced vapours can exist under			
	flammable liquid-produced vapours, or combustible liquid-produced vapours	normal operating conditions (HazLoc).			
	can exist under normal operating conditions (HazLoc).	<b>10 Points</b> awarded if the Offeror indicates the option for Class I, Div 1, Groups C, D; Class I, Div 2, Groups A, B, C, D;			
		<b>5 points</b> awarded if the offeror indicates the option for Class I, Div 2, Groups A, B, C, D;			
		<b>0 points</b> awarded if the offeror provides no details of any available options of versions of their radio equipment that comply with UL Division 1 specifications operating in environments that contain ignitable concentrations of flammable gases, flammable liquid-produced vapours, or combustible liquid-produced vapours can exist under normal operating conditions (HazLoc).			
		Article Score (Max 10 Points) =	10		
9.3 Battery	(portable)				
9.3 Battery ( 9.3.2.1	Offeror should provide an extra high capacity rechargeable battery that will last in excess of 12 hours in encrypted mode, based on 5-5-90 duty cycle. On P25 channels stand-by time is defined as the period of time that the SU is	<b>10 points</b> awarded if the offeror can provide an extra high capacity rechargeable battery that will <b>last in excess of 12</b> <b>hours in encrypted mode</b> , based on 5-5-90 duty cycle. On P25 channels stand-by time is defined as the period of time that the SU is monitoring the assigned control channel.			
	monitoring the assigned control channel.	<b>0 points</b> awarded if the offeror cannot provide an extra high capacity rechargeable battery that will <b>last in excess of 12 hours in encrypted mode</b> , based on 5-5-90 duty cycle. On P25 channels stand-by time is defined as the period of time that the SU is monitoring the assigned control channel.			
		Article Score (Max 10 Points) =	10		
9.4 Physica	I Specifications (portable)				

9.4.1.1	Offeror should specify the weight in	<b>10 points</b> awarded to the lightest portable radio in category.				
	grams of their portable radio with	0 nointe awarde	nd for the hea	viest portable radio ir	categrary	
	lon batterv as per section 9.3.2 of this				r calegiory.	
	SOR.	0 to 10 points awarded based on equation below and all				
		offeror's respons	ies.			
		Comparison ba	sed rating: (	Max. Points 10)		
		Points Awarded	-			
		Max Points x ((M	 /eight Heaviest	SU - Weight Rated SU	/	
		(Weight Heaviest S	SU - Weight Li	ghtest SU)) in grams		
			1150	V - Datad CLI	1	
			1150	X = Rated SU	-	
			1150	7 = Lignitest SU 7 = Heaviest SU	-	
			10	Points awarded	_	
			10	ronits awarded		
		A	rticle Score	(Max 10 Points) =		10
9.4.1.2	Offeror should specify in centimetres	10 points award	led to the sm	allest portable radio i	n category.	
	cubed (cm <sup>3</sup> ) the volume of their portable radio(s), excluding clips and	0 points awarde				
	antenna, with high-capacity Li-lon	0 to 10 points a				
	of this SOR.	offeror's respons	ses.	a on equation below	anu an	
		Comparison based rating: (Max. Points 10)				
		Points Awarded	= Max Points	x ((Volume Biggest SU	-	
		Volume Rated SU) cm <sup>3</sup>	) / (Volume Big	ggest SU <b>- Volume</b> Sma	llest SU))	
			1150	X = Rated SU		
			1150	Y = Smallest SU	_	
			1500	Z = Biggest SU		
			10	Points awarded		
						10
		A	rticle Score	(Max 10 Points) =		10
9.4.1.3	Offeror should specify in millimetres (mm) the height of their portable	<b>10 points</b> award category.	led to the sm	allest height portable	radio in	
	high capacity Li-lon battery attached	0 points awarde	ed for the talle	est height portable rad	dio in	
	as per section 9.3.2 or this SUR.	calegrory.				
		<b>0 to 10 points</b> awarded based on equation below and all offeror's responses.				
		Comparison ba	sed rating: (	Max. Points 10)		
		Points Awarded Height <sub>Rated</sub> SU)	= Max Points / Height Bigge	x ((Height Biggest SU st SU <b>- Height</b> Smallest :	s∪)) in mm	
1			-			4

						_
			750	X = Rated SU		
			750	Y = Smallest SU		
			950	Z = Biggest SU		
			10	Points awarded	_	
		Articl	e Score (	(Max 10 Points) =		10
9.8 Visual I	Display and Audible Indicators					
9.8.3.1	The number of characters per line that can be displayed on the alphanumeric screen of the portable radio should be higher than 8.	<ul> <li>15 points awarded in be displayed on the a is 11 or more.</li> <li>10 points awarded in</li> </ul>	f number alphanum f number	of characters per lin eric screen of the Po of characters per lin	e that can ortable radio e that can	
		be displayed on the a is between 9 and 10. <b>0 points</b> awarded if can be displayed on a radio is 8.	alphanum the numb the alpha	eric screen of the Po er of characters per numeric screen of th	ortable radio line that le Portable	
						15
		Articl	e Score (	(Max 15 Points) =		10
9.8.12 Portable radio should be equipped with a top facing alphanumeric display.		<b>15 points</b> awarded in be displayed on the a is 11 or more.	f number alphanum	of characters per lin eric screen of the Po	e that can ortable radio	
		<b>10 points</b> awarded in be displayed on the a is between 9 and 10.	f number alphanum	of characters per lin eric screen of the Po	e that can ortable radio	
		<b>0 points</b> awarded if a can be displayed on a radio is 8.	the numb the alpha	er of characters per numeric screen of th	line that e Portable	
						45
		Articl	e Score (	(Max 15 Points) =		15
9.8.17	It should be possible to enable, disable and configure the audible alert and useable threshold level defined in 9.8.16 through the radio programming	<b>15 points</b> awarded in configure the audible in 9.8.16 through the	f it is poss alert and radio pro	sible to enable, disal I useable threshold I gramming software.	ole and evel defined	
	software.	<b>0 points</b> awarded if i configure the audible in 9.8.16 through the	it is not po alert and radio pro	ossible to enable, dis I useable threshold l gramming software.	sable and evel defined	
		Articl	e Score (	(Max 15 Points) =	-	15
9.9 Capaci	ty					
9.9.1.1	Portable radio should have a capacity	6 points awarded if	the Porta	ble radio has a capa	acity of 513	
	of 513 or more modes of operation	or more modes of op	eration.		•	
	(talkgroups/channels) that permit					
	programming of various frequency channels, modes of modulation.	<b>0 points</b> awarded if a modes of operation.	the Porta	ble radio has  a capa	acity of 512	
		Artic	cle Score	(Max 6 Points) =		6

10 M	obile Radio Specific Sp	pecifications	
10.1 Gener	al <u> </u>		
10.1.7.1	Mobile radio mode/primary talkgroup selection should be via a single rotary control that is physically separate from the volume adjustment rotary control mentioned in Section 10.1.6.	<ul> <li>6 points awarded if the Mobile radio has a rotary mode/primary talkgroup selector that is physically separate from the volume adjustment rotary control.</li> <li>0 points awarded if the Mobile radio does not have a rotary mode/primary talkgroup selector that is physically separate from the volume adjustment rotary control.</li> </ul>	
			6
		Article Score (Max 6 Points) =	
10.3 Physic	cal Specifications (mobile)		
10.3.2	Offeror should specify in centimetres (cm) the height, length and depth with mounting bracket attached for each mobile radio(s).	15 points awarded to the smallest mobile radio by volume in category.         0 points awarded for the biggest mobile radio by volume in categrory.         0 to 15 points awarded based on equation below and all offeror's responses.         Comparison based rating: (Max. Points 15)         Points Awarded = Max Points x ((Volume Largest SU - Volume Rated SU) / (Volume Largest SU - Volume Smallest SU))         Calculation for volume = Length x Depth x Height = Volume         750       X = Rated SU         750       Y = Smallest SU         950       Z = Biggest SU         15       Points awarded	15
105 Mobile	Padia Component Configurations	Article Score (Max 15 points) =	
10.5.2.2.4	A single control head should be capable of controlling multiple Mobile Radios.	<ul> <li>6 points awarded if a single control head is capable of controlling multiple Mobile Radios.</li> <li>0 points awarded if a single control head is not capable of controlling multiple Mobile Radios.</li> </ul>	
		Articla Scora (Max 6 Points) -	6
10.7 Visual	Display and Audible Indicators		
10.7.10.1	It should be possible to enable, disable and configure the audible alert and useable threshold level defined in 10.7.10 through the radio programming software.	<ul> <li><b>15 points</b> awarded if it is possible to enable, disable and configure the audible alert and useable threshold level defined in 10.7.10 through the radio programming software.</li> <li><b>0 points</b> awarded if it is not possible to enable, disable and configure the audible alert and useable threshold level defined in 10.7.10 through the radio programming software.</li> </ul>	

		Article Score (Max 15 Points) =	15
11 D	esk Mounted Radio Spe	cific Specifications	
11.1 Gener	al	-	
11.1.8.1	Desk Mounted Radio mode/primary talkgroup selection should be via a single rotary control that is physically separate from the volume adjustment rotary control mentioned in section 11.1.8	6 points awarded if the Desk Mounted radio has a rotary mode/primary talkgroup selector that is physically separate from the volume adjustment rotary control.         0 points awarded if the Desk Mounted radio does not have a rotary mode/primary talkgroup selector that is physically separate from the volume adjustment rotary control.         Article Score (Max 6 Points)	6
11.5 Visual	Display and Audible Indicators		
11.5.6	Desk Mounted Radio user should be able to turn off all illuminations, status lights and all audible indicators on radio while still able to operate the radio in a normal fashion otherwise.	<ul> <li>5 points awarded if the Desk Mounted radio is able to turn off all illuminations, status lights and all audible indicators on radio while still able to operate the radio in a normal fashion otherwise</li> <li>0 points awarded if the Desk Mounted cannot able turn off all illuminations, status lights and all audible indicators on radio</li> </ul>	
		while still able to operate the radio in a normal fashion otherwise	
		Article Score (Max 5 Points) =	5
11.5.11	It should be possible to enable, disable and configure the audible alert and useable threshold level defined in section 11.5.10 through the radio programming software.	<ul> <li>15 points awarded if it is possible to enable, disable and configure the audible alert and useable threshold level defined in section 11.5.10 through the radio programming software.</li> <li>0 points awarded if it is not possible to enable, disable and configure the audible alert and useable threshold level defined in section 11.5.10 through the radio programming software.</li> </ul>	
		Article Score (Max 15 Points) =	15
11.7 Extern	al Ports		
11.7.4.1	Strain relief cords or connections should be used where applicable to reduce risk of damage.	<ul> <li><i>3 points</i> awarded if strain relief cords or connections are used where applicable to reduce risk of damage.</li> <li><i>0 points</i> awarded if no strain relief cords or connections are used where applicable to reduce risk of damage</li> </ul>	
		Article Score (Max 3 Points) =	3
<b>12 P</b> 12.2 Digital	25 Digital Vehicular Rep Vehicular Repeater System Functionalit	eater System Specific Requirements	

12271	DVRS should support link laver	5 points awarded if DVRS supports link layer authentication			
12.2.1.1	authentication of portable radio	of portable radio through the DVRS system on a connected			
	through the DVRS system on a	trunking radio network.			
	connected trunking radio network.				
	, j	<b>0 points</b> awarded if DVRS does not support link layer			
		authentication of portable radio through the DVRS system on			
		a connected trunking radio network.			
		Article Decre (Mars 5 Definite)	5		
10.0.0		Article Score (Max 5 Points) =			
12.2.8	Preferably, the DVRS should support	<b>5 points</b> awarded if DVRS support DVRS portable radio			
	DVRS portable radio automatic	automatic registration/deregistration to radio network.			
	registration/deregistration to radio	<b>C points</b> sworded if DV/BS does not support DV/BS portable			
	enabled talk group on DVRS portable	radio automatic registration/deregistration to radio network			
	enabled taik group on DVNS poltable.				
			5		
		Article Score (Max 5 Points) =			
12.2.12	Preferably, the DVRS should pass Fail-	<b>5 points</b> awarded if DVRS passes Fail-soft, Out Of Range			
	soft, Out of Range and Site Trunking	and Site Trunking System Status Broadcast messages to			
	System Status Broadcast messages to	DVRS portable radio when operating via proposed DVRS.			
	DVRS portable radio when operating	Consists swarded if DV/DC dass not need Tail act. Out of			
	via DVRS.	<b>Depresent</b> Awarded if DVRS does not pass Fail-soft, Out Of			
		to DVPS portable radio when energing via proposed DVPS			
		to DVRS portable radio when operating via proposed DVRS.			
		Articlo Scoro (Max 5 Points) -	5		
12212	Proforably the DVRS portable radio	<b>5 points</b> awarded if DV/BS portable radio receives an			
12.2.15	should receive an indication from the	indication from the DVRS DVR when that one is operating in			
	DVRS DVR when that one is operating	"standalone" mode (no connection to Radio network)			
	in "standalone" mode (no connection				
	to Radio network).	<b>0</b> points awarded if DVRS portable radio does not receive an			
	,	indication from the DVRS DVR when that one is operating in			
		"standalone" mode (no connection to Radio network).			
		Article Score (Max 5 Points) =	5		
12216	Preferably, the DVRS should pass P25	10 points awarded if DVRS passes P25 OTAR traffic			
	OTAR traffic between the portable and	between the portable and radio network.			
	radio network.				
		<b>0 points</b> awarded if DVRS does not pass P25 OTAR traffic			
		between the portable and radio network.			
		Article Score (Max 5 Points) =	5		
12 1	nnondiv A Docuset To				
13 A	ppendix A – Request 10	raik baseline Requirements			
13.1 Physical					

13.1.3	Speaker Mic accessories for portable Subscriber Unit (SU) for use by the RCMP should have a dedicated button for initiation of a RTT.	<ul> <li>15 points awarded if the Speaker Mic accessories for portable Subscriber Unit (SU) for use by the RCMP has a dedicated button for initiation of a RTT.</li> <li>0 points awarded if the Speaker Mic accessories for portable Subscriber Unit (SU) for use by the RCMP does not have a dedicated button for initiation of a RTT.</li> </ul>	
		Article Score (Max 15 Points) =	15

Total Stream Score (Max 380 Points)40
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