Scoring Matrix Single Band Subscriber Units

Instructions:

Evlauate each criteria for radios within each of the streams being bid on (single band, dual band, multiband, DVRS) For Single band radios, each bid should have one radio submission for each band (VHF, UHF, 7/800) and as such, each band is assessed individually according to the criteria in section 8 below. Other sections are evaluated as a collective group.

If there respondent band(s). T lowest t compared	tive scores will be calculated as per to is a comparitive score to be evaluated, S t are scored against all other SUs section the score(s) for each respondent is/are ra- based on value provided (related to the sp amongst each other to provide a compar- at the total points awarded consistently a types and streams. Fill in the values as appropriate in th	Us from each in the proposed anked highest to pec) and then ritive score. This cross bids, radio	Ex 1. Preferably s Inter Modulation {(InterMo (InterMod)	75	Ban ed Int dB ints A terM	d: ter modulatio Awarded = M od _{Least Reject.}	Max Points x _{su}) /
6 Mano	latory General Equipme						
6.7 Quality	atory General Equipme	in Specific					
6.7.1.1	Offeror should be certified ISO 27001	 20 points awarded to the vendor which is certified ISO 27001 0 points awarded to the vendor which is not certified ISO 27001 					
		Article S	core (Max 20 poi	nts)	=		20
6.8 License							
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.	options and featu make and model 6 points awarde options and featu radio either unde 0 points awarde	led if the radio has ures transferred to during the useful ed if the radio has to ures transferred to or warranty or paid ed if the radio does options and featur o	another radio lifespan of th he capability only a direct repair not have the	o of t e orig to h repla e cap	the same ginal radio ave their acement pability of	
		Article S	core (Max 12 poi	nts)	=		12

6.8.2	Excluding new features or capabilities, Offeror should indicate if the proposed radio equipment is eligible for	18 points awarded if the prop for firmware/software upgrade. User for the lifecycle of the rad	s at no			-	
	firmware/ software upgrades at no cost to the Authorised User for the lifecycle of the radio.	0 points awarded if the propo for firmware/software upgrade. User for less than the lifecycle	sed ra s at no	o cost to the		-	
		Points will be awarded for each Scores from each of the 3 itera by 3 to determine the overall A	ions	will be add			
		Portable Score Mobile Score	=	18 18			
		Desk Mounted Score	=	18	w / 2		
		•		bile + Desl	() / 3		18
6.9 Identific	ration	Article Score	(IVIAX	ro points)	-		
	Radio equipment should have the option to add an RFID tag.	6 points awarded if the radio tag. 0 points awarded if the radio tag.					
		Points will be awarded for each types. Scores from each of the divided by 3 to determine the c	e 3 iter	rations will	be ad		
		Portable Score	=	6			
		Mobile Score	=	6			
		Desk Mounted Score	=	6			
		(Portable	+ Mo	bile + Desl	k) / 3		6
		Article Score	e (Max	(6 points)	=		Ŭ
7 Ma	ndatory Equipment Spe	cifications					
	nventional Operation						
7.5.6.1	The RSSI thresholds for the vote-scan algorithm should be adjustable using the radio configuration software.	9 points awarded if the RSSI algorithm can be adjusted usin software					
		0 points awarded if the RSSI algorithm cannot be adjusted u software					
		A-4-1- 0	///-	0			9
7.5.6.2	The radio should be configurable to	Article Score 9 points awarded if the radio	· ·			le the	
7.0.0.2	enable the voted site to be displayed	voted site to be displayed.	13 0011		, enab		
		0 points awarded if the radio voted site to be displayed.	is not	configurab	le to e	enable the	
		Article Score	e (Max	(9 points)	=		9

7.12 Over	-The-Air-Programming (OTAP)				
		•	e (Max 6 points) =		6
			+ Mobile + Desk) / 3	8	
		Desk Mounted Score	= 6		
		Mobile Score	= 6		
		Portable Score	- 6		
		iterations will be added and div overall Article Score.	vided by 3 to determin	ne the	
		each piece of radio equipment	. Scores from each o	f the 3	
		Points will be awarded for eac	h of the 3 band iterati	ions for	
		0 points awarded if 64 unique traffic encryption keys are sup	1		
	in radio equipment units.		active and 64 million	o ino etime	
	64 or more unique inactive traffic encryption keys should be supported	unique inactive traffic encryptic proposed SU.	•		
7.8.3.1	At least 64 or more unique active and	Article Score 6 points awarded if 64 or more	(Max 10 points) =	64 or more	
					10
		installed to permit accessibility vehicle.	-		
		0 points awarded if the radio the radio programming cable a the control head, or connect th	and the Key Fill Devic	e cable via	
		from the driver's side of the ve		nnection of	
	accessibility from the driver's side of the vehicle.	radio programming cable and through a cable that can be in.	stalled to permit acce		
	the control head, or connect through a cable that can be installed to permit	5 points awarded if the mobil			
	connection of the radio programming cable and the Key Fill Device cable via	the radio programming cable a the control head	and the Key Fill Devic	e cable via	
7.8.2.1	Mobile Radio should be able to allow	10 points awarded if the mol	pile radio allows conn		
		Article Score	(Max 24 points) =		24
		conforms at FIPS 140-2 Level	1.		
		0 points awarded if the Keys module in the proposed Radio	equipment in a mann		
				u vata avva a kia	
		cryptographic module in the pi manner which conforms at FIF		ment in a	
	conforms at FIPS 140-2 Level 2 or 3 security.	18 points awarded if the Keys	s are stored within a		
	cryptographic module in the radio equipment in a manner which	cryptographic module in the pr manner which conforms at FIF		nent in a	
7.8.1.1	The Keys should be stored within a	24 points awarded if the Key			

7.12.2	Offeror should describe the manner	1 point awarded if the Offeror	deso	cribes the m	anner and	
	and medium that the OTAP process	medium that the OTAP proces	s will	l occur for ea	ach radio	
	will occur (conventional, trunking, Wifi,	technology:				
	Bluetooth, NFC etc)	conventional,				
		trunking,				
		Wifi,				
		Bluetooth,				
		NFC				
		0 points awarded if the Offerd and medium that the OTAP pro-	oces			
		trunking, Wifi, Bluetooth, NFC	etc)			
		Points will be awarded for each Scores from each of the 3 itera				
		by 3 to determine the overall A	eu anu uiviueu			
				00010.		
		Portable Score	=	5		
		Mobile Score	=	5		
		Desk Mounted Score	=	5		
		· · · · · · · · · · · · · · · · · · ·		obile + Desk	() / 3	5
		Article Score			=	Ŭ
7.12.3	OTAP process should not apply radio	6 points awarded if the propo				
	programming changes, to the radio	apply radio programming chan	-			
	equipment, without notifying the radio equipment user of any impacts to radio	without notifying the radio equi radio equipment`s operations				
	equipment's operations and explicit	user intervention at the time of		•		
	radio equipment user intervention at the time of change if the OTAP is	executed over the radio netwo			, , e	
	being executed over the radio network	0 points awarded if the propo				
		radio programming changes, t				
		notifying the radio equipment u		• •		
		equipment's operations and ex	-			
		intervention at the time of char executed over the radio netwo	-	Ine OTAP I	sbeing	
		Points will be awarded for each	•			
		Scores from each of the 3 itera			ed and divided	
		by 3 to determine the overall A	Articie	Score.		
		Portable Score	=	6		
		Mobile Score	=	6		
		Desk Mounted Score	=	6		
		(Portable	+ Mc	obile + Desl	() / 3	6
		Article Score	e (Ma	x 6 points)	=	

7.12.4	The OTAP application should maintain a log of all changes made, including who made the changes, radio(s) affected and configuration parameters affected.	 6 points 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. 0 points awarded if the proposed OTAP application does not maintain a log of all changes made, including who made the changes, radio(s) affected and configuration parameter(s) affected. 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. 					
		Portable Score	=	6			
		Mobile Score	=	6			
		Desk Mounted Score	=	6			
		· · ·		bile + Desk	<u> </u>		6
		Article Score	•	, ,	=	<i>.</i>	
7.14.1.1	The same radio programming software should be used to provision Portable, Mobile, and Desk Mount Radios.	 10 points awarded if the same radio programming software is used to provision Portable, Mobile, and Desk Mount Radios. 0 points awarded if the same radio programming software cannot be used to provision Portable, Mobile, and Desk Mount Radios. 					
		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.	 6 points awarded if the Offerd proposed and if the programm database and the Offeror spefi query and connection. 4 points awarded if the Offerd 	ing so icies t	oftware utiliz that it allows	es a for e	SQL external	
		proposed but does not describ utilizes a SQL database and th allows for external query and c	e if th ne Off	ne programn feror does n	ning s	software	
		0 points awarded if the offero database type proposed and if utilizes a SQL database and sp query and connection.	f the p	programming	g soft	tware	
							6
		Article Score	e (Max	x 6 Points)	=		
8 Bar	nd Specific Requirement	ts					
	efer to Section 4.2.2.1: For single ban I operation in all 3 bands as identified		or m	ust supply	radic	o equipmen	t capable of
Thu	s: 7/800 must meet Section 8.2	UHF must meet Section 8	.3	VHF	must	t meet Secti	ion 8.4

.2.3.3	Portable Radio Radio Frequency (RF)	- Receiver Specific	ations					
3.2.3.3.1.1		10 points award	ed to the mo	st sensitive portable r	adio in			
	(digital) 0.25 μν (-119 dBm) 5% BER	category.						
			d for the leas	st sensitive portable ra	adio in			
		categrory.						
			0 to 10 points awarded based on equation below and all					
		offeror's response						
		Comparison bas	sed rating: (Portable Unit Max. Po	oints 10)			
		Sensitivity Points	Awarded = N	Max Points x {(Sensiti	vity _{Rated SU}			
		Sensitivity Least Sens. SU) / (Sensitivity Most Sens. SU - Sensitivity Least						
		Sens. SU)}						
			-120	X = Rated SU				
			-120	Y = Most Value	1			
			-119	Z = Least Value				
			10	Points awarded	1			
			10	Points awarueu				
			utiala Caava	(Max 40 Dainta)	10			
200004	Dreferebly should succeed inter			(Max 10 Points) =	inter et inter			
3.2.3.3.2.1	Preferably should exceed inter modulation rejection -70 dB (TIA/EIA	modulation reject	•	table radio with the h	ignest inter			
	102)	-	-	-	wast intar			
	102)	 0 points awarded for the portable radio with the lowest inter modulation rejection in category. 0 to 10 points awarded based on equation below and all offeror's responses. 						
		_		Portable Unit Max. Po	oints 10)			
			J					
		Inter Modulation	rejection Poir	nts Awarded = Max Po	oints x			
		{(InterMod _{Rated SL}	, - InterMod _L	_{east Reject. SU}) / (InterMc	d _{MostReject.}			
		_{SU} - InterMod _{Leas}	t Reject. SU)}					
		1	-71	X = Rated SU				
			-71	Y = Most Value	1			
			-70	Z = Least Value	1			
			. •					
			10	Points awarded				
			10	Points awarded				
					- 10			
000004	Proforably about a viacant		rticle Score	(Max 10 Points) =				
3.2.3.3.3.1	Preferably should exceed adjacent	10 points award	rticle Score ed to the por	(Max 10 Points) =				
3.2.3.3.3.1	channel selectivity -60 dB (TIA/EIA	10 points award adjacent channel	rticle Score led to the poi l selectivity in	(Max 10 Points) = rtable radio with the hi category.	ighest			
3.2.3.3.3.1		10 points award adjacent channel 0 points awarde	rticle Score led to the poil selectivity in d to the porta	(Max 10 Points) = table radio with the hi category. able radio with the low	ighest			
3.2.3.3.3.1	channel selectivity -60 dB (TIA/EIA	10 points award adjacent channel 0 points awarde adjacent channel	rticle Score led to the por selectivity in d to the porta selectivity in	(Max 10 Points) = table radio with the hi category. able radio with the low category.	ighest vest			
3.2.3.3.3.1	channel selectivity -60 dB (TIA/EIA	10 points award adjacent channel 0 points awarde adjacent channel 0 to 10 points av	rticle Score led to the poil selectivity in d to the porta selectivity in warded base	(Max 10 Points) = table radio with the hi category. able radio with the low	ighest vest			
3.2.3.3.3.1	channel selectivity -60 dB (TIA/EIA	10 points award adjacent channel 0 points awarde adjacent channel 0 to 10 points aw offeror's response	rticle Score led to the poil l selectivity in d to the porta l selectivity in warded base es.	(<i>Max 10 Points</i>) = table radio with the hi category. able radio with the low category. ed on equation below o	ighest vest and all			
3.2.3.3.3.1	channel selectivity -60 dB (TIA/EIA	10 points award adjacent channel 0 points awarde adjacent channel 0 to 10 points aw offeror's response	rticle Score led to the poil l selectivity in d to the porta l selectivity in warded base es.	(Max 10 Points) = table radio with the hi category. able radio with the low category.	ighest vest and all			
3.2.3.3.3.1	channel selectivity -60 dB (TIA/EIA	10 points award adjacent channel 0 points awarde adjacent channel 0 to 10 points av offeror's response Comparison bas	rticle Score led to the poil selectivity in d to the porta selectivity in warded base es. sed rating: (i	(Max 10 Points) = rtable radio with the hi category. able radio with the low category. ed on equation below of Portable Unit Max. Po	ighest vest and all bints 10)			
3.2.3.3.3.1	channel selectivity -60 dB (TIA/EIA	10 points award adjacent channel 0 points awarde adjacent channel 0 to 10 points av offeror's response Comparison bas Adjacent channel	rticle Score led to the port selectivity in d to the port selectivity in warded base es. sed rating: (i selectivity P	(Max 10 Points) = table radio with the his category. able radio with the low category. ad on equation below Portable Unit Max. Po oints Awarded = Max	ighest vest and all bints 10) Points x			
.2.3.3.3.1	channel selectivity -60 dB (TIA/EIA	10 points award adjacent channel 0 points awarde adjacent channel 0 to 10 points av offeror's response Comparison bas Adjacent channel {(Adjacency _{Rated} s	rticle Score led to the por l selectivity in d to the porta selectivity in warded base es. sed rating: (i selectivity Pa su - Adjacend	(Max 10 Points) = rtable radio with the hi category. able radio with the low category. ed on equation below of Portable Unit Max. Po	ighest vest and all bints 10) Points x			
2.3.3.3.1	channel selectivity -60 dB (TIA/EIA	10 points award adjacent channel 0 points awarde adjacent channel 0 to 10 points av offeror's response Comparison bas Adjacent channel	rticle Score led to the por l selectivity in d to the porta selectivity in warded base es. sed rating: (i selectivity Pa su - Adjacend	(Max 10 Points) = table radio with the his category. able radio with the low category. ed on equation below Portable Unit Max. Po oints Awarded = Max	ighest vest and all bints 10) Points x			

		1	-61	Y = Most Value	1
			-60	Z = Least Value	
			-00 10	Points awarded	
			10	Points awarded	
				(Max 10 Points) =	10
8.2.3.3.4.1	Preferably should exceed spurious response rejection -70 dB	10 points award spurious respons		rtable radio with the high category	ghest
			•	able radio with the low	rest
		spurious respons			
				ed on equation below a	and all
		offeror's respons		Devteble Lluit Mary De	(ata 10)
		Comparison bas	sea rating: (Portable Unit Max. Po	ints 10)
		Spurious respons	se rejection F	oints Awarded = Max	Points x
				Least Reject SU) / (Rejection	
		Reject SU - Rejectio			-
			-71	X = Rated SU	1
			-71	Y = Most Value	
			-70	Z = Least Value	
			10	Points awarded	
		Λ		(Mars 40 Dainta)	10
		A	rticie Score	(Max 10 Points) =	
Overall 7/	I 800 Portable (Sensitivity+Inter Mod.+Adj			· ·	40
	1 800 Portable (Sensitivity+Inter Mod.+Adj Mobile Radio Radio Frequency (RF) - R	. Ch. Select+Spun	ious Resp.) S	· ·	40
	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spur Receiver Specificat	ious Resp.) S tions	· ·	
8.2.4.3	Mobile Radio Radio Frequency (RF) - R	Ch. Select+Spur Receiver Specificat 10 points award category.	ious Resp.) S tions led to the mo	Score (Max Pts. 40):	dio in
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spun Receiver Specificat 10 points award category. 0 points award e	ious Resp.) S tions led to the mo	core (Max Pts. 40):	dio in
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spur Receiver Specificat 10 points award category. 0 points awarde categrory.	ious Resp.) S tions led to the mo ed for the leas	ost sensitive mobile rad	dio in io in
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spur Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points at	ious Resp.) S tions led to the mo ed for the leas warded base	Score (Max Pts. 40):	dio in io in
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spur Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points a offeror's respons	ious Resp.) S tions led to the mo ed for the leas warded base es.	ost sensitive mobile rad	dio in io in and all
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spur Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points av offeror's respons Comparison bas	ious Resp.) S tions led to the mo ed for the leas warded base es. sed rating: (Score (Max Pts. 40): ost sensitive mobile rad st sensitive mobile rad ed on equation below a Mobile Unit Max. Point	dio in io in and all ts 10)
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spur Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points a offeror's respons Comparison bas Sensitivity Points	ious Resp.) S tions led to the mo ed for the leas warded base es. sed rating: (s Awarded = l	Score (Max Pts. 40): ost sensitive mobile rad st sensitive mobile rad ed on equation below a Mobile Unit Max. Point Max Points x {(Sensitiv	dio in io in and all ts 10) rity _{Rated SU} -
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spun Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points au offeror's respons Comparison bas Sensitivity Points Sensitivity Least Sel	ious Resp.) S tions led to the mo ed for the leas warded base es. sed rating: (s Awarded = l	Score (Max Pts. 40): ost sensitive mobile rad st sensitive mobile rad ed on equation below a Mobile Unit Max. Point	dio in io in and all ts 10) rity _{Rated SU} -
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spur Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points a offeror's respons Comparison bas Sensitivity Points	ious Resp.) S tions led to the mo ed for the leas warded base es. sed rating: (s Awarded = l	Score (Max Pts. 40): ost sensitive mobile rad st sensitive mobile rad ed on equation below a Mobile Unit Max. Point Max Points x {(Sensitiv	dio in io in and all ts 10) rity _{Rated SU} -
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spun Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points au offeror's respons Comparison bas Sensitivity Points Sensitivity Least Sel	ious Resp.) S tions led to the mo ed for the leas warded base es. sed rating: (s Awarded = l	Score (Max Pts. 40): ost sensitive mobile rad st sensitive mobile rad ed on equation below a Mobile Unit Max. Point Max Points x {(Sensitiv	dio in io in and all ts 10) rity _{Rated SU} -
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spun Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points au offeror's respons Comparison bas Sensitivity Points Sensitivity Least Sel	tious Resp.) S tions led to the mo ed for the leas warded base es. sed rating: (Awarded = I ns. SU) / (Sens	Score (Max Pts. 40): ost sensitive mobile rad st sensitive mobile rad ed on equation below a Mobile Unit Max. Point Max Points x {(Sensitiv sitivity _{Most Sens. SU} - Sen	dio in io in and all ts 10) rity _{Rated SU} -
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spun Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points au offeror's respons Comparison bas Sensitivity Points Sensitivity Least Sel	ious Resp.) S tions led to the mo ed for the leas warded base es. sed rating: (s Awarded = I ns. su) / (Sens -120	Score (Max Pts. 40): Sost sensitive mobile rad st sensitive mobile rad ed on equation below a Mobile Unit Max. Point Max Points x {(Sensitiv Max Points x {(Sensitiv Max Points x { (Sensitiv Max Sens. SU - Sen X = Rated SU	dio in io in and all ts 10) rity _{Rated SU} -
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spun Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points au offeror's respons Comparison bas Sensitivity Points Sensitivity Least Sel	ious Resp.) S tions led to the mo ed for the leas warded base es. sed rating: (s Awarded = I ns. SU) / (Sens -120 -120	Score (Max Pts. 40): Sost sensitive mobile rad st sensitive mobile rad ad on equation below a Mobile Unit Max. Point Max Points x {(Sensitiv Max Points x {(Sensitiv Max Points x { (Sensitiv Max Points X { (Sensitiv Ma	dio in io in and all ts 10) rity _{Rated SU} -
8.2.4.3	Mobile Radio Radio Frequency (RF) - R Preferably should exceed sensitivity	Ch. Select+Spun Receiver Specificat 10 points award category. 0 points awarde categrory. 0 to 10 points au offeror's respons Comparison bas Sensitivity Points Sensitivity Least Sel	ious Resp.) S tions led to the mo ed for the leas warded base es. sed rating: (Awarded = I ns. SU) / (Sens -120 -120 -120 -119	Score (Max Pts. 40): Sost sensitive mobile rad st sensitive mobile rad ed on equation below a Mobile Unit Max. Point Max Points x {(Sensitiv Max Points x {(Sensitiv Max Points x { (Sensitiv Max Points x { (Sensitiv X = Rated SU Y = Most Value	dio in io in and all ts 10) rity _{Rated SU} -

8.2.4.3.2.1							
	Preferably should exceed inter	-		bile radio with the high	hest inter		
	modulation rejection -75 dB (TIA/EIA	modulation rejection	-	-	at lates		
	102)			bile radio with the lowe	est inter		
		modulation rejection	-	-	und cll		
		<i>0 to 10 points awarded</i> based on equation below and all offeror's responses. <i>Comparison based rating:</i> (Mobile Unit Max. Points 10)					
		Comparison based	d rating: (Mobile Unit Max. Point	ts 10)		
			InterMod _L	ts Awarded = Max Po _{east Reject. SU}) / (InterMo			
			-76	X = Rated SU	1		
					1		
			-76	Y = Most Value			
			-75	Z = Least Value			
			10	Points awarded			
		A utio	cla Scoro	(Max 10 Points) =	10		
921221	Preferably should exceed Adjacent				l		
5.2.4.3.3.1		adjacent channel se		bile radio with the high	iest		
	channel selectivity -60 dB (TIA/EIA 102)	-	-	ile radio with the lowe	st adjacant		
		channel selectivity in			si aujaceril		
		-		d on equation below a	nd all		
		offeror's responses.					
				Mobile Unit Max. Point	ts 10)		
			a raung. (i				
		Adiacent channel se	electivitv P	oints Awarded = Max I	Points x		
		-	-	oints Awarded = Max I SV (east Adi S()) / (Adjace			
		{(Adjacency Rated SU	- Adjacent	oints Awarded = Max I Sy _{Least Adj. SU}) / (Adjace			
		-	- Adjacent				
		{(Adjacency Rated SU	- Adjaceno Adj. SU)}	SY _{Least Adj. SU}) / (Adjace			
		{(Adjacency Rated SU	- Adjaceno Adj. SU)} -61	Sy _{Least Adj. SU}) / (Adjace X = Rated SU			
		{(Adjacency Rated SU	- Adjaceno Adj. SU)} -61 -61	Sy _{Least Adj. SU}) / (Adjace X = Rated SU Y = Most Value			
		{(Adjacency Rated SU	- Adjaceno Adj. SU)} -61 -61 -60	Sy _{Least Adj. SU}) / (Adjace X = Rated SU Y = Most Value Z = Least Value			
		{(Adjacency Rated SU	- Adjaceno Adj. SU)} -61 -61	Sy _{Least Adj. SU}) / (Adjace X = Rated SU Y = Most Value			
		{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A}	- Adjaceno Adj. SU)} -61 -61 -60 10	Sy _{Least Adj. SU}) / (Adjace X = Rated SU Y = Most Value Z = Least Value			
3,2,4,3,4,1	Preferably should exceed spurious	{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least} A	- Adjaceno Adj. SU)} -61 -61 -60 10 cle Score	$\begin{array}{c} X = \text{Rated SU} \\ X = \text{Rated SU} \\ Y = \text{Most Value} \\ Z = \text{Least Value} \\ \hline Points awarded \end{array}$	ncy _{Most Adj.}		
3.2.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A}	- Adjaceno Adj. SU)} -61 -61 -60 10 cle Score to the mo	$\begin{array}{l} X = \text{Rated SU} \\ X = \text{Rated SU} \\ Y = \text{Most Value} \\ Z = \text{Least Value} \\ \hline Points awarded \\ \hline \hline (Max 10 Points) & = \\ bile radio with the high \end{array}$	ncy _{Most Adj.}		
3.2.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least} A Artic 10 points awarded spurious response r	- Adjaceno Adj. SU)} -61 -61 -60 10 cle Score I to the morejection in	X = Rated SU X = Rated SU Y = Most Value Z = Least Value Points awarded (Max 10 Points) = bile radio with the high category.	ncy _{Most Adj.} 10 hest		
3.2.4.3.4.1		{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded to	- Adjacend Adj. SU)} -61 -61 -60 10 cle Score to the morejection in to the mob	<i>X</i> = Rated SU <i>Y</i> = Most Value <i>Y</i> = Least Value <i>Points awarded</i> (Max 10 Points) = bile radio with the high category. ile radio with the lowe	ncy _{Most Adj.} 10 hest		
3.2.4.3.4.1		{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded to response rejection in	- Adjacend Adj. SU)} -61 -61 -60 10 cle Score to the morejection in to the mob in category	<i>X</i> = Rated SU <i>Y</i> = Most Value <i>Y</i> = Most Value <i>Z</i> = Least Value Points awarded (Max 10 Points) = bile radio with the high category. ile radio with the lowe.	ncy _{Most Adj.} 10 hest st spurious		
8.2.4.3.4.1		{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded to response rejection in	- Adjacend Adj. SU)} -61 -61 -60 10 Cle Score to the mob rejection in to the mob in category rded base	<i>X</i> = Rated SU <i>Y</i> = Most Value <i>Y</i> = Least Value <i>Points awarded</i> (Max 10 Points) = bile radio with the high category. ile radio with the lowe	ncy _{Most Adj.} 10 hest st spurious		
3.2.4.3.4.1		{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded to response rejection in 0 to 10 points awar offeror's responses.	- Adjacend Adj. SU)} -61 -61 -60 10 cle Score I to the mob rejection in to the mob in category rded base	<i>X</i> = Rated SU <i>Y</i> = Most Value <i>Y</i> = Most Value <i>Z</i> = Least Value Points awarded (Max 10 Points) = bile radio with the high category. ile radio with the lowe.	ncy _{Most Adj.} 10 hest st spurious and all		
8.2.4.3.4.1		{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded to response rejection in 0 to 10 points award offeror's responses. Comparison based	- Adjacend Adj. su)} -61 -61 -60 10 cle Score to the mob in category rded base d rating: (i	X = Rated SU Y = Most Value Y = Least Value Z = Least Value Points awarded (Max 10 Points) = bile radio with the high category. ile radio with the lowe. d on equation below a Mobile Unit Max. Point	ncy _{Most Adj.} 10 hest st spurious and all ts 10)		
3.2.4.3.4.1		{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded to response rejection in 0 to 10 points award offeror's responses. Comparison based Spurious response r	- Adjacend Adj. SU)} -61 -61 -60 10 cle Score to the mob in category rded base d rating: (in rejection P	<i>X</i> = Rated SU <i>Y</i> = Most Value <i>Y</i> = Most Value <i>Z</i> = Least Value Points awarded (Max 10 Points) = bile radio with the high category. ile radio with the lowe. d on equation below a Mobile Unit Max. Point oints Awarded = Max	ncy _{Most Adj.} 10 hest st spurious and all ts 10) Points x		
3.2.4.3.4.1		{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded response rejection in 0 to 10 points award offeror's responses. Comparison based Spurious response r {(Rejection _{Rated SU} -	- Adjacend Adj. SU)} -61 -61 -60 10 cle Score I to the mob in category rded base d rating: (i rejection P Rejection P	X = Rated SU Y = Most Value Z = Least Value Points awarded (Max 10 Points) = bile radio with the high category. ile radio with the lowe. . d on equation below a Mobile Unit Max. Points oints Awarded = Max Least Reject SU) / (Rejection	ncy _{Most Adj.} 10 hest st spurious and all ts 10) Points x		
8.2.4.3.4.1		{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded to response rejection in 0 to 10 points award offeror's responses. Comparison based Spurious response r	- Adjacend Adj. SU)} -61 -61 -60 10 cle Score I to the mob in category rded base d rating: (i rejection P Rejection P	X = Rated SU Y = Most Value Z = Least Value Points awarded (Max 10 Points) = bile radio with the high category. ile radio with the lowe. . d on equation below a Mobile Unit Max. Points oints Awarded = Max Least Reject SU) / (Rejection	ncy _{Most Adj.} 10 hest st spurious and all ts 10) Points x		
8.2.4.3.4.1	-	{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded response rejection in 0 to 10 points award offeror's responses. Comparison based Spurious response r {(Rejection _{Rated SU} -	- Adjacend Adj. SU)} -61 -61 -60 10 cle Score I to the mob in category rded base d rating: (i rejection P Rejection P	X = Rated SU Y = Most Value Z = Least Value Points awarded (Max 10 Points) = bile radio with the high category. ile radio with the lowe. . d on equation below a Mobile Unit Max. Points oints Awarded = Max Least Reject SU) / (Rejection	ncy _{Most Adj.} 10 hest st spurious and all ts 10) Points x		
8.2.4.3.4.1	-	{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded response rejection in 0 to 10 points award offeror's responses. Comparison based Spurious response r {(Rejection _{Rated SU} -	- Adjacend Adj. SU)} -61 -61 -60 10 cle Score to the mob in category rded base d rating: (i rejection P Rejection P Rejection SU	X = Rated SU Y = Most Value Z = Least Value Points awarded (Max 10 Points) = bile radio with the high category. ile radio with the lowes. d on equation below a Mobile Unit Max. Points oints Awarded = Max Least Reject SU) / (Rejection)	ncy _{Most Adj.} 10 hest st spurious and all ts 10) Points x		
8.2.4.3.4.1	-	{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded response rejection in 0 to 10 points award offeror's responses. Comparison based Spurious response r {(Rejection _{Rated SU} -	- Adjacend Adj. SU)} -61 -61 -60 10 cle Score I to the mob rejection in to the mob in category rded base d rating: (i rejection P Rejection P Rejection east Reject SU -81 -81	X = Rated SU $X = Rated SU$ $Y = Most Value$ $Z = Least Value$ $Points awarded$ $(Max 10 Points) =$ bile radio with the high category. ile radio with the lowe. d on equation below a Mobile Unit Max. Point oints Awarded = Max Least Reject SU) / (Rejection)} X = Rated SU $Y = Most Value$	ncy _{Most Adj.} 10 hest st spurious and all ts 10) Points x		
8.2.4.3.4.1	-	{(Adjacency _{Rated SU} _{SU} - Adjacency _{Least A} Adjacency _{Least A} Artic 10 points awarded spurious response r 0 points awarded response rejection in 0 to 10 points award offeror's responses. Comparison based Spurious response r {(Rejection _{Rated SU} -	- Adjacend Adj. SU)} -61 -61 -60 10 cle Score I to the mob in category rded base d rating: (i rejection P Rejection P Rejection Least Reject SU -81	X = Rated SU Y = Most Value Z = Least Value Points awarded (Max 10 Points) = bile radio with the high category. ile radio with the lowe. d on equation below a Mobile Unit Max. Point oints Awarded = Max Least Reject SU) / (Rejection)} X = Rated SU	ncy _{Most Adj.} 10 hest st spurious and all ts 10) Points x		

		A	rticle Score	(Max 10 Points) =	10
Overall 7	/800 Mobile (Sensitivity+Inter Mod.+Adj.			· · · · ·	40
8.2.5.3	Desk-Mounted Radio Radio Frequency	(RF) - Receiver Sp	pecifications		
	Preferably should exceed sensitivity (digital) 0.25 μν (-119 dBm) 5% BER	10 points award in category. 0 points award in categrory. 0 to 10 points av offeror's response Comparison bas 10) Sensitivity Points	ed to the mo d for the lead varded base es. sed rating: (Awarded = l	ost sensitive desk-moun st sensitive desk-moun ed on equation below a Desk-Mounted Unit Ma Max Points x {(Sensitive itivity _{Most Sens. SU} - Sens	nted radio and all ax. Points ity _{Rated SU} -
			-120 -120 -117 10	X = Rated SUY = Most ValueZ = Least ValuePoints awarded(Max 10 Points)	10
8.2.5.3.2.1	Preferably should exceed inter modulation rejection -75 dB (TIA/EIA 102)	10 points award highest inter mod 0 points award inter modulation r 0 to 10 points av offeror's response Comparison bas 10) Inter Modulation r	ed to the de- fulation reject d for the des rejection in ca varded base es. sed rating: (rejection Poin - InterMod	sk-mounted radio with tion in category. sk-mounted radio with t	the lowest and all ax. Points ints x
				(Max 10 Points) =	10

8.2.5.3.3.1	Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102)	 10 points awarded to the desk-mounted radio with a highest adjacent channel selectivity in category. 0 points awarded to the desk-mounted radio with the adjacent channel selectivity in category. 0 to 10 points awarded based on equation below a offeror's responses. Comparison based rating: ((Desk-Mounted Unit M 10) Adjacent channel selectivity Points Awarded = Max F {(Adjacency _{Rated SU} - Adjacency _{Least Adj. SU}) / (Adjacent _{SU} - Adjacency _{Least Adj. SU})} 	ne lowest nd all ax. Points Points x
		-61 X = Rated SU -61 Y = Most Value	
		-60 Z = Least Value	
		10 Points awarded	
			10
005044	Durfamely about a susse of a surface	Article Score (Max 10 Points) =	
8.2.5.3.4.1	Preferably should exceed spurious response rejection -80 dB	 10 points awarded to the desk-mounted radio with a highest spurious response rejection in category. 0 points awarded to the desk-mounted radio with the spurious response rejection in category. 0 to 10 points awarded based on equation below a offeror's responses. Comparison based rating: (Desk-Mounted Unit Materna) 	ne lowest nd all
		Spurious response rejection Points Awarded = Max H {(Rejection _{Rated SU} - Rejection _{Least Reject SU}) / (Rejection _{Reject SU} - Rejection _{Least Reject SU})}	
		-81 X = Rated SU	
		-81 Y = Most Value	
		-80 Z = Least Value	
		10 Points awarded	
		Article Score (Max 10 Points) =	10
Ov	· · · ·	Inter Mod.+Adj. Ch. Select+Spurious Resp.) x Points: 40)	40
Overall		⊦ Overall 7/800 Mobile + Overall 7/800 Desk-Mounted) / 3) x Points: 40)	40
8.3 380-43	30 MHz and 450-470 MHz (UHF) Ba	and Specific SU Requirements	
8.3.3.3	Portable Radio Radio Frequency (RF)	- Receiver Specifications	

				-	
	Preferably should exceed sensitivity	10 points awarded to the mo	st sensitive portable ra	adio in	
	(digital) 0.25 μν (-119 dBm) 5% BER	category.	, ,, ,, , , ,		
		0 points awarded for the leas	st sensitive portable ra	dio in	
		categrory.	d on oquation halows		
		0 to 10 points awarded base offeror's responses.	a on equation below a		
		Comparison based rating: (Portable Unit Max Po	ints 10)	
		Sensitivity Points Awarded = N			
		Sensitivity _{Least Sens. SU}) / (Sens	itivity _{Most Sens. SU} - Sen	sitivity _{Least}	
		Sens. SU)}			
		120			
		-120	X = Rated SU		
		-120	Y = Most Value		
		-119	Z = Least Value		
		10	Points awarded		
				10	
			(Max 10 Points) =		
	Preferably should exceed inter	10 points awarded to the point modulation rejection in actors	-	ghest inter	
	modulation rejection -70 dB (TIA/EIA 102)	modulation rejection in catego 0 points awarded for the point	-	vest inter	
	102)	modulation rejection in catego		vest inter	
		0 to 10 points awarded base	-	nd all	
		offeror's responses.			
		Comparison based rating: (Portable Unit Max. Pol	ints 10)	
		Inter Modulation rejection Poin			
		{(InterMod _{Rated SU} - InterMod _{Lo}	east Reject. SU) / (InterMo	d _{MostReject.}	
		_{SU} - InterMod _{Least Reject. SU})}			
		74			
		-71	X = Rated SU		
		-71	Y = Most Value		
		-71 -70	Y = Most Value Z = Least Value		
		-71	Y = Most Value		
		-71 -70 10	Y = Most Value Z = Least Value Points awarded	10	
8.3.3.3.3.1	Preferably should exceed adjacent	-71 -70 10	Y = Most ValueZ = Least ValuePoints awarded(Max 10 Points)		
	Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA	-71 -70 10 Article Score	Y = Most ValueZ = Least ValuePoints awarded(Max 10 Points)=table radio with the high		
		-71 -70 10 10 10 10 points awarded to the por adjacent channel selectivity in 0 points awarded to the porta	Y = Most ValueZ = Least ValuePoints awarded(Max 10 Points)=table radio with the higcategory.able radio with the low	ghest	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 10 10 10 points awarded to the port adjacent channel selectivity in 0 points awarded to the port adjacent channel selectivity in	Y = Most ValueZ = Least ValuePoints awarded(Max 10 Points)=(table radio with the high category.able radio with the low category.	ghest est	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 10 10 10 points awarded to the port adjacent channel selectivity in 0 points awarded to the port adjacent channel selectivity in 0 to 10 points awarded base	Y = Most ValueZ = Least ValuePoints awarded(Max 10 Points)=(table radio with the high category.able radio with the low category.	ghest est	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 10 10 10 10 points awarded to the port adjacent channel selectivity in 0 points awarded to the port adjacent channel selectivity in 0 to 10 points awarded base offeror's responses.	Y = Most Value Z = Least Value Points awarded (Max 10 Points) = table radio with the high category. able radio with the low category. ed on equation below a	ghest est and all	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 10 10 10 points awarded to the port adjacent channel selectivity in 0 points awarded to the port adjacent channel selectivity in 0 to 10 points awarded base	Y = Most Value Z = Least Value Points awarded (Max 10 Points) = table radio with the high category. able radio with the low category. ed on equation below a	ghest est and all	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 10 10 10 points awarded to the por adjacent channel selectivity in 0 points awarded to the porta adjacent channel selectivity in 0 to 10 points awarded base offeror's responses. Comparison based rating: (in	Y = Most Value Z = Least Value Points awarded (Max 10 Points) (Max 10 Points) able radio with the high category. able radio with the low able radio with the low category. able radio with the low box category. able radio with the low category. able radio with the low category. able radio with <tr< td=""><td>ghest est and all ints 10)</td><td></td></tr<>	ghest est and all ints 10)	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 10 10 10 10 10 points awarded to the port adjacent channel selectivity in 0 points awarded to the port adjacent channel selectivity in 0 to 10 points awarded base offeror's responses. Comparison based rating: (in Adjacent channel selectivity Point	Y = Most Value Z = Least Value Points awarded (Max 10 Points) (Max 10 Points) able radio with the high category. able radio with the low category. able radio with the low category. ad on equation below a Portable Unit Max. Point oints Awarded = Max I	ghest est and all ints 10) Points x	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 10 10 10 points awarded to the por adjacent channel selectivity in 0 points awarded to the porta adjacent channel selectivity in 0 to 10 points awarded base offeror's responses. Comparison based rating: (in	Y = Most Value Z = Least Value Points awarded (Max 10 Points) (Max 10 Points) able radio with the high category. able radio with the low category. able radio with the low category. ad on equation below a Portable Unit Max. Point oints Awarded = Max I	ghest est and all ints 10) Points x	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 10 10 10 10 10 10 points awarded to the port adjacent channel selectivity in 0 points awarded to the port adjacent channel selectivity in 0 to 10 points awarded base offeror's responses. Comparison based rating: (in Adjacent channel selectivity Po {(Adjacency _{Rated SU} - Adjacency _{SU} - Adjacency _{Least Adj. SU})}	Y = Most Value Z = Least Value Points awarded (Max 10 Points) (Points Awarded = Max 10 Points) (Points Adj. SU) / (Adjace)	ghest est and all ints 10) Points x	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 10 Article Score 10 points awarded to the por adjacent channel selectivity in 0 points awarded to the porta adjacent channel selectivity in 0 to 10 points awarded base offeror's responses. Comparison based rating: (Adjacent channel selectivity Po {(Adjacent channel selectivity Po {(Adjacency _{Rated SU} - Adjacenco _{SU} - Adjacency _{Least Adj. SU})} -61	Y = Most Value $Z = Least Value$ Points awardedMax 10 Points) =(Max 10 Points)=(table radio with the high category.able radio with the low category.able radio with the low category.ad on equation below aPortable Unit Max. Point coints Awarded = Max I Cy Least Adj. SU) / (Adjace)X = Rated SU	ghest est and all ints 10) Points x	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 Article Score 10 points awarded to the por adjacent channel selectivity in 0 points awarded to the porta adjacent channel selectivity in 0 to 10 points awarded base offeror's responses. Comparison based rating: (I Adjacent channel selectivity Pa {(Adjacency _{Rated SU} - Adjacency _{SU} - Adjacency _{Least Adj. SU})} -61 -61	Y = Most Value $Z = Least Value$ Points awarded (Max 10 Points) $=$ (Max 10 Points) $=$ (table radio with the high category.able radio with the low category.able radio with the low category.ad on equation below a Portable Unit Max. Points Cy Least Adj. SU) / (Adjace $X = Rated SU$ $Y = Most Value$	ghest est and all ints 10) Points x	
	channel selectivity -60 dB (TIA/EIA	-71 -70 10 10 Article Score 10 points awarded to the por adjacent channel selectivity in 0 points awarded to the porta adjacent channel selectivity in 0 to 10 points awarded base offeror's responses. Comparison based rating: (Adjacent channel selectivity Po {(Adjacent channel selectivity Po {(Adjacency _{Rated SU} - Adjacenco _{SU} - Adjacency _{Least Adj. SU})} -61	Y = Most Value $Z = Least Value$ Points awardedMax 10 Points) =(Max 10 Points)=(table radio with the high category.able radio with the low category.able radio with the low category.ad on equation below aPortable Unit Max. Point coints Awarded = Max I Cy Least Adj. SU) / (Adjace)X = Rated SU	ghest est and all ints 10) Points x	

		Article Score (Max 10 Points) = 10	
8.3.3.3.4.1	Preferably should exceed spurious response rejection -70 dB	10 points awarded to the portable radio with the highest spurious response rejection in category. 0 points awarded to the portable radio with the lowest spurious response rejection in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Portable Unit Max. Points 10) Spurious response rejection Points Awarded = Max Points x {(Rejection _{Rated SU} - Rejection _{Least Reject SU}) / (Rejection _{Highest Reject SU})}	
		-71 X = Rated SU -71 Y = Most Value -70 Z = Least Value 10 Points awarded	
Overall U	HF Portable (Sensitivity+Inter Mod.+Adi.	Article Score (Max 10 Points)=10Ch. Select+Spurious Resp.) Score (Max Pts. 40):40	
	Mobile Radio Radio Frequency (RF) - R		
8.3.4.3.1.1	Preferably should exceed sensitivity (digital) 0.25 μν (-119 dBm) 5% BER	 10 points awarded to the most sensitive mobile radio in category. 0 points awarded for the least sensitive mobile radio in categrory. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Mobile Unit Max. Points 10) Sensitivity Points Awarded = Max Points x {(Sensitivity _{Rated SU} - Sensitivity _{Least Sens. SU}) / (Sensitivity _{Most Sens. SU} - Sensitivity _{Least Sens. SU})} 	
		-120 X = Rated SU -120 Y = Most Value -119 Z = Least Value 10 Points awarded	
		Article Score (Max 10 Points) = 10	

8.3.4.3.2.1	Preferably should exceed inter	10 points awarded to the mobile radio with the highest inte	ər		
	modulation rejection -75 dB (TIA/EIA	modulation rejection in category.			
	102)	0 points awarded for the mobile radio with the lowest inter			
		modulation rejection in category.			
		0 to 10 points awarded based on equation below and all			
		offeror's responses. Comparison based rating: (Mobile Unit Max. Points 10)			
		Comparison based rating. (Mobile Onit Max. Points To)			
		Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.} _{SU} - InterMod _{Least Reject. SU})}			
		-76 X = Rated SU			
		-76 Y = Most Value			
		-75 Z = Least Value			
		10 Points awarded			
		Article Score (Max 10 Points) = 10			
3.4.3.3.1	Preferably should exceed Adjacent	10 points awarded to the mobile radio with the highest			
	channel selectivity -60 dB (TIA/EIA	adjacent channel selectivity in category.			
	102)	0 points awarded to the mobile radio with the lowest adjac	ent		
		channel selectivity in category.			
		0 to 10 points awarded based on equation below and all			
		offeror's responses.			
		Comparison based rating: (Mobile Unit Max. Points 10)			
		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency _{Rated SU} - Adjacency _{Least Adj. SU}) / (Adjacency _{Most}			
		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency _{Rated SU} - Adjacency _{Least Adj. SU}) / (Adjacency _{Most} _{SU} - Adjacency _{Least Adj. SU})}			
		Comparison based rating:(Mobile Unit Max. Points 10)Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)}-61X = Rated SU			
		Comparison based rating:(Mobile Unit Max. Points 10)Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} -61 X = Rated SU -61 -61 Y = Most Value -60 -60 Z = Least Value			
		Comparison based rating:(Mobile Unit Max. Points 10)Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} -61 X = Rated SU -61 Y = Most Value -60 Z = Least Value 10 Points awarded	Adj.		
		Comparison based rating:(Mobile Unit Max. Points 10)Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} -61 X = Rated SU -61 -61 Y = Most Value -60 -60 Z = Least Value	Adj.		
3.4.3.4.1	Preferably should exceed spurious	Comparison based rating: (Mobile Unit Max. Points 10)Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU) / -61 X = Rated SU -61 -61 Y = Most Value -60 -60 Z = Least Value 10 10 Points awarded	Adj.		
3.4.3.4.1	Preferably should exceed spurious response rejection -80 dB	Comparison based rating: (Mobile Unit Max. Points 10)Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU) / (Adjacency Most -61 X = Rated SU 	Adj.		
3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} -61 X = Rated SU -61 Y = Most Value -60 Z = Least Value 10 Points awarded Article Score (Max 10 Points) = 10 points awarded to the mobile radio with the highest spurious response rejection in category. 10 0 points awarded to the mobile radio with the lowest spurious 10	Adj.		
3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} -61 X = Rated SU -61 Y = Most Value -60 Z = Least Value 10 Points awarded 10 points awarded to the mobile radio with the highest spurious response rejection in category. 0 points awarded to the mobile radio with the lowest spurious response rejection in category.	Adj.		
3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU) / (Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU) / (Adjacency Least Adj. SU) /	Adj.		
3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU) / (Adjacency Least Adj. SU) /	Adj.		
3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU) / (Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU) / (Adjacency Least Adj. SU) /	Adj.		
3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} -61 X = Rated SU -61 Y = Most Value -60 Z = Least Value -60 Z = Least Value 10 Points awarded 10 Points awarded 10 Points awarded 0 Article Score (Max 10 Points) 10 Points awarded 0 0 <td>ous</td>	ous		
.3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} -61 X = Rated SU -61 Y = Most Value -60 Z = Least Value -60 Z = Least Value 10 Points awarded 11 Points awarded to the mobile radio with the highest spurious response rejection in category. 0 points awarded based on equation below and all offeror's responses. Comparison based rating: (Mobile Unit Max. Points 10) Spurious response rejection Points Awarded = Max Points A {(Rejection Rated SU - Rejection Least Reject SU) / (Rejection Highest)	ous		
.3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} -61 X = Rated SU -61 Y = Most Value -60 Z = Least Value 10 Points awarded Matticle Score (Max 10 Points) = 10 Points awarded 10	ous		
2.3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} Image: transmission of the second sec	ous		
.3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} -61 X = Rated SU -61 Y = Most Value -60 Z = Least Value 10 Points awarded Matticle Score (Max 10 Points) = 10 Points awarded Matticle Score (Max 10 Points) = 10 Points awarded Matticle Score (Max 10 Points) = 10 Points awarded Matticle Score (Max 10 Points) = 10 Points awarded Matticle Score (Max 10 Points) = 10 Points awarded Matticle Score (Max 10 Points) = 10 Points awarded to the mobile radio with the highest spurious response rejection in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Mobile Unit Max. Points 10) Spurious response rejection Points Awarded = Max Points 2 {(Rejection Rated SU - Rejection Least Reject SU) / (Rejection Highest Reject SU - Rejection Least Reject SU) / (Rejection Highest Reject SU - Rejection Least Reject SU) </td <td>ous</td>	ous		
.3.4.3.4.1		Comparison based rating: (Mobile Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency Rated SU - Adjacency Least Adj. SU) / (Adjacency Most SU - Adjacency Least Adj. SU)} Image: transmission of the second sec	ous		

			10
		Article Score (Max 10 Points) =	
		Ch. Select+Spurious Resp.) Score (Max Pts. 40):	40
8.3.5.3	Desk-Mounted Radio Radio Frequency		· · · ·
8.3.5.3.1.1	Preferably should exceed sensitivity (digital) 0.25 μν (-119 dBm) 5% BER	 10 points awarded to the most sensitive desk-mour in category. 0 points awarded for the least sensitive desk-moun in categrory. 0 to 10 points awarded based on equation below a offeror's responses. Comparison based rating: (Desk-Mounted Unit Ma 10) Sensitivity Points Awarded = Max Points x {(Sensitivit Sensitivity Least Sens. SU) / (Sensitivity Most Sens. SU - Sens Sens. SU)} 	ted radio nd all ax. Points ity _{Rated SU} -
		-120 X = Rated SU -120 Y = Most Value -117 Z = Least Value 10 Points awarded	
		Article Score (Max 10 Points) =	10
8.3.5.3.2.1	Preferably should exceed inter modulation rejection -75 dB (TIA/EIA 102)	10 points awarded to the desk-mounted radio with a highest inter modulation rejection in category. 0 points awarded for the desk-mounted radio with t inter modulation rejection in category. 0 to 10 points awarded based on equation below a offeror's responses. Comparison based rating: (Desk-Mounted Unit Ma 10) Inter Modulation rejection Points Awarded = Max Poi {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{SU} - InterMod _{Least Reject. SU}) / (InterMod _{Least Reject. SU}) -76 X = Rated SU -76 Y = Most Value	he lowest nd all ax. Points ints x
		-76 Y = Most Value -75 Z = Least Value 10 Points awarded	
		Article Score (Max 10 Points) =	10

835331	Preferably should exceed adjacent	10 points awarded to the desk-r	mounted radio with	the			
0.0.0.0.0.1	channel selectivity -60 dB (TIA/EIA	highest adjacent channel selectiv					
	102)	0 points awarded to the desk-matrix		ne lowest			
	102)	adjacent channel selectivity in cat		10 1011001			
		0 to 10 points awarded based o	• •	nd all			
		offeror's responses.	in equalion selem a	ind all			
		Comparison based rating: ((De	sk-Mounted Unit M	ax. Points			
		10)					
		-,					
		Adjacent channel selectivity Point	ts Awarded = Max F	Points x			
		{(Adjacency _{Rated SU} - Adjacency _{Le}	_{east Adj. SU}) / (Adjacer	ncy _{Most Adj.}			
		_{SU} - Adjacency _{Least Adj. SU})}					
		-61					
			Y = Most Value				
			Z = Least Value				
			Points awarded				
		Article Score (Ma		10			
8.3.5.3.4.1	Preferably should exceed spurious	10 points awarded to the desk-r		the			
	response rejection -80 dB	highest spurious response rejection					
		0 points awarded to the desk-me		ne lowest			
		spurious response rejection in cat					
		0 to 10 points awarded based o	on equation below a	nd all			
		offeror's responses. Comparison based rating: (Des	ok Mountod Linit Ma	v Dointo			
		10)		1. 101113			
		,					
		Spurious response rejection Point	ts Awarded = Max I	Points x			
		{(Rejection Rated SU - Rejection Leas	_{st Reiect SU}) / (Rejectio	on _{Hiahest}			
		Reject SU - Rejection Least Reject SU)}		C C			
		g					
		-81	X = Rated SU				
		-81	Y = Most Value				
		-80	Z = Least Value				
		10	Points awarded				
		Article Score (Ma	ax 10 Points) =	10			
0	verall UHF Desk-Mounted (Sensitivity+I		s Resp.)	40			
	· ·	x Points: 40)					
Overa	II UHF Band Reciever ((Overall UHF Portable ↔ Score (Ma	· Overall UHF Mobile + Overall UHF Desk- x Points: 40)	Mounted) / 3)	40			
8.4 138-14	44 MHz and 148-174 MHz (VHF) Ba	and Specific SU Requirements					
<u>8.4.3.3</u>	Portable Radio Radio Frequency (RF)	- Receiver Specifications					

012211					
8.4.3.3.1.1	Preferably should exceed sensitivity	10 points awarded to the most sensitive portable radio in			
	(digital) 0.22 μν (-120dBm) 5% BER	category.			
		0 points awarded for the least sensitive portable radio in			
		categrory.			
		0 to 10 points awarded based on equation below and all offeror's responses.			
		Comparison based rating: (Portable Unit Max. Points 10)			
		Comparison based rating. (Fontable Onit Max. Fontas To)			
		Sensitivity Points Awarded = Max Points x {(Sensitivity _{Rated SU} -			
		Sensitivity Least Sens. SU) / (Sensitivity Most Sens. SU - Sensitivity Least			
		Sens. SU)}			
		-120 X = Rated SU			
		-120 Y = Most Value			
		-119 Z = Least Value			
		10 Points awarded			
		10			
		Article Score (Max 10 Points) =			
3.4.3.3.2.1	Preferably should exceed inter	10 points awarded to the portable radio with the highest inter			
	modulation rejection -70 dB (TIA/EIA	modulation rejection in category.			
	102)	0 points awarded for the portable radio with the lowest inter modulation rejection in category.			
		0 to 10 points awarded based on equation below and all			
		offeror's responses.			
		Comparison based rating: (Portable Unit Max. Points 10)			
		companson based rating. (Fortable officiality office for			
		Inter Modulation rejection Points Awarded = Max Points x			
		Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.}			
		Inter Modulation rejection Points Awarded = Max Points x			
		Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.} _{SU} - InterMod _{Least Reject. SU})}			
		Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.} _{SU} - InterMod _{Least Reject. SU})} $-71 \qquad X = Rated SU$			
		Inter Modulation rejection Points Awarded = Max Points x {(InterMod $_{Rated SU}$ - InterMod $_{Least Reject. SU}$) / (InterMod $_{MostReject. SU}$) SU - InterMod $_{Least Reject. SU}$) -71 X = Rated SU -71 -71 Y = Most Value			
		Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.} _{SU} - InterMod _{Least Reject. SU})} $-71 \qquad X = \text{Rated SU}$ $-71 \qquad Y = \text{Most Value}$ $-70 \qquad Z = \text{Least Value}$			
		Inter Modulation rejection Points Awarded = Max Points x {(InterMod $_{Rated SU}$ - InterMod $_{Least Reject. SU}$) / (InterMod $_{MostReject. SU}$) SU - InterMod $_{Least Reject. SU}$) -71 X = Rated SU -71 -71 Y = Most Value			
		Inter Modulation rejection Points Awarded = Max Points x {(InterMod Rated SU - InterMod Least Reject. SU) / (InterMod MostReject. SU) / (InterMod Least Reject. SU)} -71 X = Rated SU -71 Y = Most Value -70 Z = Least Value 10 Points awarded			
343331	Preferably should exceed adjacent	Inter Modulation rejection Points Awarded = Max Points x {(InterMod Rated SU - InterMod Least Reject. SU) / (InterMod MostReject. SU - InterMod Least Reject. SU)} -71 X = Rated SU -71 -71 Y = Most Value -70 -70 Z = Least Value 10 10 Points awarded			
3.4.3.3.3.1	Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod Rated SU - InterMod Least Reject. SU) / (InterMod MostReject. SU - InterMod Least Reject. SU)} -71 X = Rated SU -71 -71 Y = Most Value 			
3.4.3.3.3.1	Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102)	Inter Modulation rejection Points Awarded = Max Points x {(InterMod Rated SU - InterMod Least Reject. SU) / (InterMod MostReject. SU - InterMod Least Reject. SU)} -71 X = Rated SU -71 -71 Y = Most Value -70 -70 Z = Least Value 10 10 Points awarded			
3.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod Rated SU - InterMod Least Reject. SU) / (InterMod MostReject. SU - InterMod Least Reject. SU)} -71 X = Rated SU -71 -71 Y = Most Value -70 -70 Z = Least Value 10 10 Points awarded 10 Points awarded 10 10 10 Points awarded 10 10			
3.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.} SU - InterMod _{Least Reject. SU})}			
3.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.} SU - InterMod _{Least Reject. SU})}			
8.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.} SU - InterMod _{Least Reject. SU})}			
3.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - 71 X = Rated SU -71 Y = Most Value -70 Z = Least Value 10 Points awarded 10 Points awarded 10 Points awarded 10 points awarded to the portable radio with the highest adjacent channel selectivity in category. 0 points awarded to the portable radio with the lowest adjacent channel selectivity in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Portable Unit Max. Points 10)			
8.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. _{SU} - InterMod _{Least Reject. SU})} <u>-71 X = Rated SU</u> <u>-71 Y = Most Value</u> <u>-70 Z = Least Value</u> <u>10 Points awarded</u> <u>10 Points awarded</u> <u>10 points awarded to the portable radio with the highest</u> adjacent channel selectivity in category. <u>0 points awarded</u> to the portable radio with the lowest adjacent channel selectivity in category. <u>0 to 10 points awarded</u> based on equation below and all offeror's responses. Comparison based rating: (Portable Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x}			
3.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - 71 X = Rated SU -71 X = Rated SU -71 Y = Most Value -70 Z = Least Value 10 Points awarded Marticle Score (Max 10 Points) = 10 10 points awarded to the portable radio with the highest adjacent channel selectivity in category. 0 points awarded to the portable radio with the lowest adjacent channel selectivity in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Portable Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency _{Rated SU} - Adjacency _{Least Adj. SU}) / (Adjacency _{Most Adj.}			
3.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. _{SU} - InterMod _{Least Reject. SU})} <u>-71 X = Rated SU</u> <u>-71 Y = Most Value</u> <u>-70 Z = Least Value</u> <u>10 Points awarded</u> <u>10 Points awarded</u> <u>10 points awarded to the portable radio with the highest</u> adjacent channel selectivity in category. <u>0 points awarded</u> to the portable radio with the lowest adjacent channel selectivity in category. <u>0 to 10 points awarded</u> based on equation below and all offeror's responses. Comparison based rating: (Portable Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x}			
3.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. SU}) - 71 X = Rated SU -71 X = Rated SU -71 Y = Most Value -70 Z = Least Value 10 Points awarded Marticle Score (Max 10 Points) = 10 10 points awarded to the portable radio with the highest adjacent channel selectivity in category. 0 points awarded to the portable radio with the lowest adjacent channel selectivity in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Portable Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency _{Rated SU} - Adjacency _{Least Adj. SU}) / (Adjacency _{Most Adj.}			
8.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject. _{SU} - InterMod _{Least Reject. SU})} -71 X = Rated SU -71 Y = Most Value -70 Z = Least Value 10 Points awarded 10 Points awarded 10 Points awarded 10 Points awarded 10 Points awarded to the portable radio with the highest adjacent channel selectivity in category. 0 points awarded to the portable radio with the lowest adjacent channel selectivity in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Portable Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency _{Rated SU} - Adjacency _{Least Adj. SU}) / (Adjacency _{Most Adj.} _{SU} - Adjacency _{Least Adj. SU})}}			
8.4.3.3.3.1	channel selectivity -60 dB (TIA/EIA	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.} _{SU} - InterMod _{Least Reject. SU})} -71 X = Rated SU -71 Y = Most Value -70 Z = Least Value 10 Points awarded Marticle Score (Max 10 Points) = 10 10 points awarded to the portable radio with the highest adjacent channel selectivity in category. 0 points awarded to the portable radio with the lowest adjacent channel selectivity in category. 0 points awarded to the portable radio with the lowest adjacent channel selectivity in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Portable Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency _{Rated SU} - Adjacency _{Least Adj. SU}) / (Adjacency _{Most Adj.} _{SU} - Adjacency _{Least Adj. SU})			

		Ar	ticle Score	(Max 10 Points)	=	10	
8.4.3.3.4.1	Preferably should exceed spurious response rejection -70 dB	 10 points awarded to the portable radio with the highest spurious response rejection in category. 0 points awarded to the portable radio with the lowest spurious response rejection in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Portable Unit Max. Points 10) Spurious response rejection Points Awarded = Max Points x {(Rejection _{Rated SU} - Rejection _{Least Reject SU}) / (Rejection _{Highest Reject SU}) 					
			-71 -71 -70 10	X = Rated SU Y = Most Valu Z = Least Valu Points awarde	e e		
Overall V	HF Portable (Sensitivity+Inter Mod.+Adj.	Article Score (Max 10 Points) = 10 od.+Adj. Ch. Select+Spurious Resp.) Score (Max Pts. 40): 40					
8.2.4.3	Mobile Radio Radio Frequency (RF) - F	Receiver Specificatio	ons				
8.2.4.3.1.1	Preferably should exceed sensitivity (digital) 0.25 μν (-119 dBm) 5% BER	10 points awarded category. 0 points awarded categrory. 0 to 10 points aw offeror's response Comparison base Sensitivity Points J Sensitivity Least Sens Sens. SU)}	ed to the mo d for the leas varded base es. ed rating: (Awarded = N	st sensitive mobile ed on equation bel Mobile Unit Max. I Max Points x {(Ser	e radi low a Point nsitivi	io in Ind all ts 10) ity _{Rated SU} -	
			-120 -120 -119 10	X = Rated SU Y = Most Valu Z = Least Valu Points awarde	e e		
		Ar	ticle Score	(Max 10 Points)	=	10	

		I				
8.2.4.3.2.1	Preferably should exceed inter			bile radio with the high	nest inter	
	modulation rejection -75 dB (TIA/EIA	modulation reject				
	102)		0 points awarded for the mobile radio with the lowest inter			
		modulation reject				
				ed on equation below a	nd all	
			offeror's responses.			
		Comparison bas	sed rating:(Mobile Unit Max. Point	rs 10)	
		{(InterMod _{Rated SL}	Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.} _{SU} - InterMod _{Least Reject. SU})}			
			-76 X = Rated SU			
			-76	Y = Most Value		
			-75	Z = Least Value		
			10	Points awarded		
		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	nest	
	channel selectivity -60 dB (TIA/EIA	adjacent channel	-			
	102)			ile radio with the lowe:	st adjacent	
		channel selectivit				
		-		ed on equation below a	nd all	
		offeror's respons		NA. 1. 11. 11. 1		
		Comparison bas	sed rating: (Mobile Unit Max. Point	rs 10)	
		Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency _{Rated SU} - Adjacency _{Least Adj. SU}) / (Adjacency _{Most Adj.} _{SU} - Adjacency _{Least Adj. SU})}				
			-61	X = Rated SU		
			-61	Y = Most Value		
			-60	Z = Least Value		
			10	Points awarded		
			10	Foints awarded		
		Α	rticle Score	(Max 10 Points) =	10	
8.2.4.3.4.1	Preferably should exceed spurious	10 points awarded to the mobile radio with the highest				
	response rejection -80 dB	spurious response rejection in category.				
		-		ile radio with the lowes	st spurious	
		response rejection in category.				
		0 to 10 points awarded based on equation below and all				
		offeror's responses.				
		Comparison based rating: (Mobile Unit Max. Points 10)				
		Spurious response rejection Points Awarded = Max Points x				
		$\{(Rejection _{Rated SU} - Rejection _{Least Reject SU}) / (Rejection _{Highest})$				
and the second		Reject SU - Rejection Least Reject SU) (Rejection Highest Reject SU)				
		Reject SU - Rejectio	n _{Least} Reject SU	13		
		Reject SU - Rejectio				
		Reject SU - Rejectio	-81	X = Rated SU		
		Reject SU - Rejectio	-81 -81	X = Rated SU Y = Most Value		
		Reject SU - Rejectio	-81	X = Rated SU		

	1				10
		Arti	icle Score	(Max 10 Points) =	10
Overall V	/HF Mobile (Sensitivity+Inter Mod.+Adj. (Ch. Select+Spurious	Resp.) Sc	ore (Max Pts. 40):	40
8.4.5.3	Desk-Mounted Radio Radio Frequency	(RF) - Receiver Spe	cifications		
8.4.5.3.1.1	Preferably should exceed sensitivity (digital) 0.25 μν (-119 dBm) 5% BER	in category. 0 points awarded in categrory. 0 to 10 points awa offeror's responses Comparison base 10) Sensitivity Points A	for the lease arded base arding: (d rating: (st sensitive desk-mou st sensitive desk-moun ed on equation below a Desk-Mounted Unit Ma Max Points x {(Sensitive itivity _{Most Sens. SU} - Sens	nted radio and all ax. Points ity _{Rated SU} -
			-120 -120 -117 10	X = Rated SU Y = Most Value Z = Least Value Points awarded	10
0.45004	Defende de la constitute			(Max 10 Points) =	
8.4.5.3.2.1	Preferably should exceed inter modulation rejection -75 dB (TIA/EIA 102)	 10 points awarded to the desk-mounted radio with the highest inter modulation rejection in category. 0 points awarded for the desk-mounted radio with the lowest inter modulation rejection in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Desk-Mounted Unit Max. Points 10) 			
		Inter Modulation rejection Points Awarded = Max Points x {(InterMod _{Rated SU} - InterMod _{Least Reject. SU}) / (InterMod _{MostReject.} _{SU} - InterMod _{Least Reject. SU})}			
			-76	X = Rated SU	
			-76	Y = Most Value	
			-75	Z = Least Value	
			10	Points awarded	
		Arti	icle Score	(Max 10 Points) =	10

8.4.5.3.3.1	Preferably should exceed adjacent channel selectivity -60 dB (TIA/EIA 102)	10 points awarded to the desk-mounted radio with the highest adjacent channel selectivity in category. 0 points awarded to the desk-mounted radio with the lowest adjacent channel selectivity in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: ((Desk-Mounted Unit Max. Points 10) Adjacent channel selectivity Points Awarded = Max Points x {(Adjacency _{Rated SU} - Adjacency _{Least Adj. SU}) / (Adjacency _{Most Adj.} SU - Adjacency _{Least Adj. SU}) -61 X = Rated SU			
		-61 -61	Y = Most Value		
		-60	Z = Least Value		
		10	Points awarded		
		10	Points awarueu		
		Article Score	(Max 10 Points) =	10	
8.4.5.3.4.1	Preferably should exceed spurious	10 points awarded to the des	k-mounted radio with	the	
	response rejection -80 dB	highest spurious response reje	ection in category.		
		0 points awarded to the desk		he lowest	
		spurious response rejection in			
		0 to 10 points awarded base offeror's responses.	d on equation below a	nd all	
		Comparison based rating: (L 10) Spurious response rejection Po {(Rejection _{Rated SU} - Rejection _{Reject SU} - Rejection _{Least Reject SU})	oints Awarded = Max _{Least Reject SU}) / (Rejectio	Points x	
		-81	X = Rated SU		
		-81	Y = Most Value		
		-80	Z = Least Value		
		10	Points awarded		
				10	
		Article Score	(Max 10 Points) =	10	
O	verall VHF Desk-Mounted (Sensitivity+) Score (Ma	Inter Mod.+Adj. Ch. Select+Spuri x Points: 40)	ous Resp.)	40	
Ove	erall VHF Band Reciever ((Overall VHF Portable Score (Ma	+ Overall VHF Mobile + Overall VHF Desi ax Points: 40)	k-Mounted) / 3)	40	
	((Overall 7/800 Band Reciever + Overall	d Specific Requirements UHF Band Reciever + Overall VHI ore (Max Pts. 40):	F Band Reciever) / 3)		40
9 Po	rtable Radio Specific S	pecifications			

9.1.2.1	Portable radio should have an audio output of 1 Watt at no more than 1.5% audio distortion level.	6 points awarded if proposed Portable Radio has an audio output of 1 Watt or more at no more than 1.5% audio distortion level.	
		0 points awarded if proposed Portable Radio has an audio output of less than 1 Watt or more than 1.5% audio distortion level.	
			6
		Article Score (Max 6 Points) =	
9.2 Enviror	nmental Requirements		
9.2.4	Offeror should provide 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).	 Points awarded if the offeror provide 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). 10 Points awarded if the Offeror indicates the option for Class I, Div 1, Groups C, D; Class I, Div 2, Groups A, B, C, D; 5 points awarded if the offeror indicates the option for Class I, Div 2, Groups A, B, C, D; 0 points 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, or operating conditions (HazLoc).	
		Article Score (Max 10 Points) =	10
9.3 Battery	(portable)		
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 monitoring the assigned control channel.	 10 points awarded if the offeror can 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 monitoring the assigned control channel. 0 points awarded if the offeror cannot 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 	
9.4 Physics	al Specifications (portable)	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

9.4.1.1 Offeror should specify the weight in standard antenna and high capacity Libon battery as per section 9.3.2 of this SOR. 10 points awarded for the heaviest portable radio in category. 0 points awarded for the heaviest portable radio in category. Ion battery as per section 9.3.2 of this SOR. 0 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points X ((Weight Heaviest SU - Weight Rated SU) / (Weight Heaviest SU - Weight Lightest SU) 10 9.4.1.2 Offeror should specify in centimetres cubed (cm ³) the volume of their portable radio (s), excluding clips and antenna, with high-capacity Li-lon battery attached as per section 9.3.2 of this SOR. 10 points awarded to the smallest portable radio in category. 9.4.1.2 Offeror should specify in centimetres cubed (cm ³) the volume of their portable radio (s), excluding clips and antenna, with high-capacity Li-lon battery attached as per section 9.3.2 of this SOR. 10 points awarded bor the biggest portable radio in category. 0 to 10 points awarded for the biggest portable radio in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Volume Biggest SU - Volume Smallest SU)) cm ³ 1150 Y = Rated SU 10 Points Awarded = Max Points x (Volume Biggest SU - Volume Sm	-			
Standard antenna and high capacity Li- lon battery as per section 9.3.2 of this 0 points awarded for the heaviest portable radio in categrory. SOR. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x: ((Weight Heaviest SU - Weight Rated SU) / (Weight Heaviest SU - Weight Lightest SU) 10 Points awarded to the smallest portable radio in category. cubed (cm ³) the volume of their portable radio(s), excluding clips and antenna, with high-capacity Li-lon battery attached as per section 9.3.2 of this SOR. 10 Points awarded to the smallest portable radio in category. 0 to 10 points awarded based on equation below and all offeror's responses. 9.4.1.2 Offeror should specify in centimetres cubed (cm ³) the volume of their portable radio(s), excluding clips and antenna, with high-capacity Li-lon battery attached as per section 9.3.2 of this SOR. 10 points awarded to the biggest portable radio in category. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Volume Biggest SU - Volume Rated SU) / (Volume Biggest SU - Volume Rated SU) / (Volume Biggest SU - Volume Smallest SU)) cm ³	9.4.1.1	, , ,	10 points awarded to the lightest portable radio in category.	
Ion battery as per section 9.3.2 of this SOR. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points X ((Weight Heaviest SU - Weight Rated SU) / (Weight Heaviest SU - Weight Lightest SU) 1150 X = Rated SU 1150 X = Rated SU 10 Points awarded to the smallest portable radio in category. 0.4.1.2 Offeror should specify in centimetres cubed (cm ³) the volume of their portable radio(s), excluding clips and antenna, with high-capacity L-lon battery attached as per section 9.3.2 of this SOR. 10 points awarded to the smallest portable radio in category. 0 to 10 points awarded as per section 9.3.2 of this SOR. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Volume Biggest SU - Volume Rated SU) / (Volume Biggest SU - Volume Based SU) / (Volume Biggest SU - Volume Rated SU - 10 Points awarded				
SOR. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points X ((Weight Heaviest SU - Weight Rated SU) / (Weight Heaviest SU) in grams 1150 X = Rated SU 10 Points awarded 10 Points awarded to the smallest portable radio in category. 0 points awarded for the biggest portable radio in category. 0 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Volume Biggest SU - Volume Bradlest SU)) 010 Points Awarded = Max Points x (Volume Biggest SU - Volume Bradlest SU) 010 Points awarded to the Biggest SU - Volume Bradlest SU) 01150 X = Rated SU 1150 X = Rated SU 1150 Y = Smalll			0 points awarded for the heaviest portable radio in categrory.	
offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points ((Weight Heaviest SU - Weight Lightest SU) / (Weight Heaviest SU - Weight Lightest SU)) in grams 1150 X = Rated SU 10 Points awarded 10 Points awarded 10 Points awarded 1150 X = Rated SU 1150 Z = Heaviest SU 10 Points awarded 1150 Y = Lightest SU 10 Points awarded 1150 Z = Heaviest SU 10 Points awarded to the smallest portable radio in category. 0 points awarded for the biggest portable radio in category. 0 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Volume Biggest SU - Volume Smallest SU)) cm ³ 1150 X = Rated SU 1150 X = Rated SU 1150 X = Rated SU 110			0 to 10 points awarded based on equation below and all	
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Article Score (Max 10 Points) = 9.4.1.2 Offeror should specify in centimetres cubed (cm ³) the volume of their portable radio(s), excluding clips and antenna, with high-capacity Li-Ion battery attached as per section 9.3.2 of this SOR. 10 points awarded for the biggest portable radio in categrory. 0 to 10 points awarded based on equation below and all offeror's responses. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Volume Biggest SU - Volume Biggest SU - Volume Rated SU) / (Volume Biggest SU - Volume Smallest SU)) cm ³ 1150 X = Rated SU 1150 X = Rated SU 1150 Z = Biggest SU 100 Points awarded			10 Points awarded	
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cubed (cm³) the volume of their portable radio(s), excluding clips and antenna, with high-capacity Li-lon battery attached as per section 9.3.2 of this SOR. 0 points awarded for the biggest portable radio in categrory. 0 to 10 points awarded based on equation below and all offeror's responses. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Volume Biggest SU - Volume Rated SU) / (Volume Biggest SU - Volume Rated SU) / (Volume Biggest SU - Volume Smallest SU)) cm³ 1150 X = Rated SU 1150 Z = Biggest SU 10 10 Points awarded			Article Score (Max 10 Points) =	10
portable radio(s), excluding clips and antenna, with high-capacity Li-lon battery attached as per section 9.3.2 of this SOR. 0 points awarded for the biggest portable radio in categrory. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Volume Biggest SU - Volume Rated SU) / (Volume Rated SU) / (Volume Biggest SU - Volume Smallest SU)) cm³ 1150 X = Rated SU 1150 Y = Smallest SU 1500 Z = Biggest SU 10 Points awarded	9.4.1.2	Offeror should specify in centimetres	10 points awarded to the smallest portable radio in category.	
antenna, with high-capacity Li-Ion battery attached as per section 9.3.2 of this SOR.		. ,		
battery attached as per section 9.3.2 of this SOR. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Volume Biggest SU - Volume Rated SU) / (Volume Biggest SU - Volume Smallest SU)) cm ³ 1150 X = Rated SU 1150 Y = Smallest SU 1500 Z = Biggest SU 10 Points awarded			0 points awarded for the biggest portable radio in categrory.	
this SOR. offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Volume Biggest SU - Volume Rated SU) / (Volume Biggest SU - Volume Smallest SU)) cm³ 1150 X = Rated SU 1150 Y = Smallest SU 1500 Z = Biggest SU 10 Points awarded				
$Comparison based rating: (Max. Points 10)$ $Points Awarded = Max Points x ((Volume Biggest SU - Volume Biggest SU - Volume Smallest SU)) (Volume Biggest SU - Volume Smallest SU)) cm3$ $\frac{1150 X = \text{Rated SU}}{1150 Y = \text{Smallest SU}}$ $1500 Z = \text{Biggest SU}$ $10 Points awarded$				
Points Awarded = Max Points x ((Volume Biggest SU - Volume Rated SU) / (Volume Biggest SU - Volume Smallest SU)) cm³ 1150 X = Rated SU 1150 1150 Y = Smallest SU 1500 Z = Biggest SU 10 10 Points awarded			oneror's responses.	
Volume Rated SU) / (Volume Biggest SU - Volume Smallest SU)) cm³ 1150 X = Rated SU 1150 Y = Smallest SU 1500 Z = Biggest SU 10 Points awarded			Comparison based rating: (Max. Points 10)	
Volume Rated SU) / (Volume Biggest SU - Volume Smallest SU)) cm³ 1150 X = Rated SU 1150 Y = Smallest SU 1500 Z = Biggest SU 10 Points awarded			Points Awarded - Max Points x (/\/olume Biggest SU -	
cm³ 1150 X = Rated SU 1150 Y = Smallest SU 1500 Z = Biggest SU 10 Points awarded				
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1150 Y = Smallest SU 1500 Z = Biggest SU 10 Points awarded				
1500Z = Biggest SU10Points awarded			1150 X = Rated SU	
10 Points awarded			1150 Y = Smallest SU	
10			1500 $Z = Biggest SU$	
			10 Points awarded	
				10
Article Score (Max 10 Points) =			Article Score (Max 10 Points) =	10

Article Score (Max 10 Points) = 9.8 Visual 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. 15 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 11 or more. 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 50 or more. 0 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 0 points awarded if the number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 8. Article Score (Max 15 Points) =				
750 Y = Smallest SU 950 Z = Biggest SU 10 Points awarded Article Score (Max 10 Points) = 9.8 Visual 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. 15 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 11 or more. 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 5 between 9 and 10. 0 points awarded if the number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 0 points awarded if the number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 8. Article Score (Max 15 Points) =		(mm) the height of their portable radio(s), with standard antenna and high capacity Li-Ion battery attached	category. 0 points awarded for the tallest height portable radio in categrory. 0 to 10 points awarded based on equation below and all offeror's responses. Comparison based rating: (Max. Points 10) Points Awarded = Max Points x ((Height Biggest SU -	
Article Score (Max 10 Points) = 9.8 Visual 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. 15 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 11 or more. 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 0 points awarded if the number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 0 points awarded if the number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 8. Article Score (Max 15 Points) =			750 Y = Smallest SU 950 Z = Biggest SU	
9.8 Visual 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. 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 11 or more. 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 0 points awarded if the number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 8. Article Score (Max 15 Points)			Article Score (Max 10 Points) =	10
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. 15 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 11 or more. 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 0 points awarded if the number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 8. Article Score (Max 15 Points)	Visual D	isplay and Audible Indicators		
Article Score (Max 15 Points) =		can be displayed on the alphanumeric screen of the portable radio should be	 be displayed on the alphanumeric screen of the Portable radio is 11 or more. 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 0 points awarded if the number of characters per line that can be displayed on the alphanumeric screen of the Portable radio 	
			Article Score (Max 15 Points) =	15
 9.8.12 Portable radio should be equipped with a top facing alphanumeric display. 15 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 11 or more. 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 0 points awarded if the number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 			 15 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is 11 or more. 10 points awarded if number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 0 points awarded if the number of characters per line that can be displayed on the alphanumeric screen of the Portable radio is between 9 and 10. 	
Article Score (Max 15 Points) =			Article 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 software.	15 points awarded if it is possible t configure the audible alert and usea in 9.8.16 through the radio program 0 points awarded if it is not possibl configure the audible alert and usea in 9.8.16 through the radio program	able threshold lev ming software. le to enable, disa able threshold lev	el defined ble and	
		Article Score (Max	15 Points) =		15
9.9 Capac					
9.9.1.1	Portable radio should have a capacity of 513 or more modes of operation (talkgroups/channels) that permit programming of various frequency channels, modes of modulation.	 6 points awarded if the Portable ra or more modes of operation. 0 points awarded if the Portable ra modes of operation. 	·		
					<i>c</i>
		Article Score (Max	x 6 Points) =		6
10 I	Mobile Radio Specific Sp	ecifications			
10.1 Gene					
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.	6 points awarded if the Mobile radi mode/primary talkgroup selector tha from the volume adjustment rotary o 0 points awarded if the Mobile radi mode/primary talkgroup selector tha from the volume adjustment rotary o	at is physically se control. io does not have at is physically se	a rotary	
		Article Score (Max	x 6 Points) =		6
-	sical 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).	750 <i>Y</i> 950 <i>Z</i>	nobile radio by vo equation below al Points 15) Dlume Largest SU - U - Volume Smalle.	lume in nd all st SU))	15

1		Article Secto (May 15 points)	
10 5 Mabila	Padia Component Configurations	Article Score (Max 15 points) =	
	Radio Component Configurations A single control head should be	6 points awarded if a single control head is conchis of	
10.5.2.2.4	capable of controlling multiple Mobile Radios.	6 points awarded if a single control head is capable of controlling multiple Mobile Radios.	
		0 points awarded if a single control head is not capable of controlling multiple Mobile Radios.	
		Article Score (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.	 15 points 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. 0 points awarded if it is not possible to enable, disable and find the distribution of the distributication of the distribution of the	
		configure the audible alert and useable threshold level defined in 10.7.10 through the radio programming software.	
		Article Score (Max 15 Points) =	15
11 D	esk Mounted Radio Spe	cific Specifications	
11.1 Genera			
11.1.8.1 Desk Mounted talkgroup select single rotary co separate from t	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 Vieual	Display and Audible Indicators	Article Score (Max 6 Points) =	
	Display and Addible Indicators 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.	 5 points awarded if the Desk Mounted radio is able to turn of all illuminations, status lights and all audible indicators on radio while still able to operate the radio in a normal fashion otherwise 0 points awarded if the Desk Mounted cannot able turn off all 	>
		illuminations, status lights and all audible indicators on radio 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	15 points awarded if it is possible to enable, disable and	
	and configure the audible alert and	configure the audible alert and useable threshold level defined	
	useable threshold level defined in	in section 11.5.10 through the radio programming software.	
	section 11.5.10 through the radio		
	programming software.	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.	
			45
		Article Score (Max 15 Points) =	15
	ernal Ports		
11.7.4.1	Strain relief cords or connections	3 points awarded if strain relief cords or connections are used	
	should be used where applicable to	where applicable to reduce risk of damage.	
	reduce risk of damage.		
		0 points awarded if no strain relief cords or connections are	
		used where applicable to reduce risk of damage	
			3
		Article Score (Max 3 Points) =	
13	Appendix A – Request To	Talk Baseline Requirements	
13.1 Phys	sical		
13.1.3	Speaker Mic accessories for portable	15 points awarded if the Speaker Mic accessories for	
	Subscriber Unit (SU) for use by the	portable Subscriber Unit (SU) for use by the RCMP has a	
	RCMP should have a dedicated button for initiation of a RTT.	dedicated button for initiation of a RTT.	
		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.	
			15

Total Stream Score (Max 380 Points)**380**