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K1A 0S5
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SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
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Issuing Office - Bureau de distribution
Detection, Simulation and Optical Systems Division
Place du Portage III, 8C2
11 rue Laurier Street
Gatineau
Quebec
K1A 0S5

Title - Sujet WESM/MSEA - RFI/LOI Weapon Effects Simulation Modernization Project (WESM)	
Solicitation No. - N° de l'invitation W8476-216429/B	Amendment No. - N° modif. 012
Client Reference No. - N° de référence du client W8476-216429	Date 2024-03-13
GETS Reference No. - N° de référence de SEAG PW-\$\$QT-011-28477	
File No. - N° de dossier 020qt.W8476-216429	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2025-12-31 Heure Normale du l'Est HNE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
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Signature	Date



Public Services and Procurement Canada (PSPC) is raising this amendment to:

1. Answer questions regarding the Price and Availability (P&A)

Question 7:

Would Canada be able to provide (or point to where I may find) the list of weapons (small arms/crew served) aligned with the various training levels sought in WESM (i.e. levels 4 5 6 and 7) in terms of the required types and quantities to service these training levels. This will assist us in providing accurate costs for these systems in our response.

Response 7:

In the attachment titled: *WESM Weapons Aligned with TL MSEA Armes requises selon les niveaux d'entraînements Amd 012*, you will find a document that outlines the quantity of equipment CA wants to use in instrumented training events from level 2 to level 7 for weapons systems (small arms and crew served), vehicles systems (Shooter and Non-Shooter), Artillery, Ground Based Air Defence (GBAD) and Tactical Aviation. The number provided in this document are a refinement of the high-level numbers that can be found in the P&A Part 3 - Annex C, Appendix 1, WESM Options and Training Support Capabilities by Location, tab named "Quantities by Training Level".

Please note that non-shooter vehicles to be instrumented does not change when an OPFOR is added, as the OPFOR will use non-shooter systems from the Primary Training Audience as required. In addition, instrumentation of Artillery, GBAD, and tactical aviation only occurs at Training Level 6-7 for the "Ideal" Solution.

Question 8:

In addition could you answer the following questions: it appears there is a contradiction in the responsibilities for fit/installation of WES equipment between the ISS contractor and Canadian Armed Forces personal. Can you confirm what scenario should be referenced for our understanding and scoping of ISS support between the following documents.

- Part 2 Annex B page 6
- and Part 4 Annex E page 17 are contradictory

Response 8:

At Part 2, Annex B, page 6, Table B-1: *Fitting and Installation Time and Responsibilities*, **and** Part 5, Annex G, page 8, Table G1: *Fitting and Installation Time and Responsibilities (provided in Part 2, Annex B – Sustainment Approach)*

DELETE in its entirety, and **REPLACE** with:

Ser	WES Component	Fit or Install & Calib Time	Responsibility for:				
			Fit/ Installation	Calibration / Basic Fault Finding	Consumable Replacement	1 st Line Repair/ Maintenance	2 nd Line Repair/ Maintenance
1	Soldier Personal Equipment.	<15mins	Essential – User ¹	Essential – User ¹	Essential - User	In-Service Support	In-Service Support
2	Soldier Personal Weapon.	<15 mins	Essential – User ¹	Essential – User ¹	Essential - User	In-Service Support	In-Service Support
3	Crew Served Direct Fire Weapon.	<1 hr	Essential – User ¹	Essential – User ¹	Essential - User	In-Service Support	In-Service Support
4	Crew Served Indirect Fire Weapon.	<1 hr	Essential – User ¹	Essential – User ¹	Essential - User	In-Service Support	In-Service Support
5	Simple Vehicle	<1 hr	Essential – In-Service Support ² Highly Desirable - Crew	Essential – In-Service Support ² Highly Desirable - Crew	Essential - User	In-Service Support	In-Service Support
6	Complex Vehicle	<2 hrs	Essential – In-Service Support ² Highly Desirable - Crew	Essential – In-Service Support ² Highly Desirable - Crew	Essential - User	In-Service Support	In-Service Support
7	Observer/ Controller Team	<1 hr	Essential - User	Essential - User	Essential - User	In-Service Support	In-Service Support

Notes:

1. Soldier systems – it is essential that the task of Fit/Installation and Calibration/Basic Fault Finding will be done by the user with support from the In-Service Support contractor. The In-Service Support contractor will be responsible for the preparation of kit, issuing the kits, and support of calibration and testing of the kit once issued to the user. For more details, refer to Part 4, Annex E, section 3.2.2.

2. Vehicle Systems – it is essential that the task of Fit/Installation and Calibration/Basic Fault Finding, for both simple and complex vehicle types, will be performed by the In-Service Support Contractor and highly desirable that the task will be performed by the user. For the purpose of this P&A, Industry is to provide costs in accordance with these tasks being performed by the In-Service Support contractor. For more details, refer to Part 4, Annex E, section 3.2.2.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

	Level	C7	M203	FG	C9	C6	M72	84 mm
Section	2	10	2	20	2	0	2	0
	2+OpFor	12	2	20	2	0	2	0
Platoon	3	40	6	72	6	5	6	1
	3+OpFor	50	8	92	8	5	8	1
Company	4	150	18	216	20	17	18	3
	4+OpFor	190	24	288	26	22	24	4
Sq Cbt Tm	5	250	26	296	26	18	26	3
	5+OpFor	400	44	512	44	35	44	6
Battlegroup	6	600	26	296	80	34	26	3
	6+OpFor	850	44	512	106	51	44	6
Brigade	7	4800	180	1944	196	184	176	45
	7+OpFor	5400	206	2240	222	218	202	48

C16 AGLS (automatic grenade launcher system)	Mortar	C20 SRSW	C14 MRSW	C15 LRSW	50 Cal	TOW (tube- launched, optically- tracked, wire- guided)	LAV 6.0	TAPV (tactical armored patrol vehicle)
0	0	0	0	0	0	0	2	0
0	0	0	0	0	0	0	2	0
1	0	0	0	0	0	0	2	2
1	0	0	0	0	0	0	4	2
3	0	0	0	0	0	0	14	4
4	0	0	0	0	0	0	16	5
3	0	0	0	0	0	0	25	13
6	0	0	0	0	0	0	36	20
3	6	0	0	0	0	0	75	35
6	6	0	0	0	0	0	100	45
39	36	12	6	6	44	55	265	100
42	42	12	6	6	44	55	320	150

LUVW (light utility vehicle wheeled)	ACSV (armoured battlefield support vehicle)	MSVS (medium support vehicle system)	Leo 2	FAR (Forward area refueler)	Leo ARV (armoured recovery vehicle)	HLVW (heavy logistic vehicle wheeled)	LSVW (light support vehicle wheeled)	MUAS
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2	2	2	2	1	1	1	1	0
2	2	2	3	1	1	1	1	0
1	6	7	2	1	1	2	2	0
1	6	7	4	1	1	2	2	0
20	25	50	10	1	2	10	25	9
30	35	75	15	1	4	15	35	12
100	97	100	35	4	5	34	125	4
150	105	150	50	5	7	40	134	13

M113	MTV	Leo 2 AEV (armoured engineer vehicle)	Milcot	M777	SUAS	VSRAD	GBAD - MRI	CF-18	Chinook
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
6	2	1	5	6	0	5	2	2	2
8	3	2	0	8	0	7	3	4	3
12	4	4	5	18	5	10	3	4	4
25	4	5	0	24	5	15	5	6	6

Griffin
0
0
0
0
0
0
0
0
0
4
6
8
12

Shooter vehicles	non- shooter vehicles
2	0
2	0
4	0
6	0
20	10
24	10
40	20
60	20
120	141
160	200
400	478
520	600

	Niveau	C7	M203	FG	C9	C6	M72
Section	2	10	2	20	2	0	2
	2+OpFor	12	2	20	2	0	2
Peloton	3	40	6	72	6	5	6
	3+OpFor	50	8	92	8	5	8
Compagnie	4	150	18	216	20	17	18
	4+OpFor	190	24	288	26	22	24
Équipe de combat carrée	5	250	26	296	26	18	26
	5+OpFor	400	44	512	44	35	44
Groupement tactique	6	600	26	296	80	34	26
	6+OpFor	850	44	512	106	51	44
Brigade	7	4800	180	1944	196	184	176
	7+OpFor	5400	206	2240	222	218	202

84 mm	C16 - AGLS (système de lance-grenades automatique C16)	Mortier	C20 ASATD (Arme semi-automatique de tireur d'élite)	C14 FTEMP (fusil de tireur d'élite moyenne portée)	C15 FTLP (fusil de tireur d'élite longue portée)	50 Cal	TOW (lancé par tube, suivi optiquement et filoguidé)	VBL 6.0 (véhicule blindé léger)
0	0	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	2
1	1	0	0	0	0	0	0	2
1	1	0	0	0	0	0	0	4
3	3	0	0	0	0	0	0	14
4	4	0	0	0	0	0	0	16
3	3	0	0	0	0	0	0	25
6	6	0	0	0	0	0	0	36
3	3	6	0	0	0	0	0	75
6	6	6	0	0	0	0	0	100
45	39	36	12	6	6	44	55	265
48	42	42	12	6	6	44	55	320

VBTP (véhicule blindé tactique de patrouille)	VULR (véhicule utilitaire léger à roues)	ABSV (véhicule blindé d'appui tactique)	SVSM (système de véhicule de soutien moyen)	Leo 2	RA (ravitailleur de l'avant)	VBD Leo 2 (véhicule blindé de dépannage Leo 2)	VLLR (véhicule logistique lourd à roues)
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
4	2	2	2	2	1	1	1
5	2	2	2	3	1	1	1
13	1	6	7	2	1	1	2
20	1	6	7	4	1	1	2
35	20	25	50	10	1	2	10
45	30	35	75	15	1	4	15
100	100	97	100	35	4	5	34
150	150	105	150	50	5	7	40

VSLR (véhicule de soutien léger à roues	MUAS	M113	MTV	EBG Leo 2 (engin blindé du génie Leo 2)	Milcot	M777	SUAS	VSRAD	GBAD - MRI
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
1	0	7	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
2	0	7	0	0	0	0	0	0	0
2	0	7	0	0	0	0	0	0	0
25	9	6	2	1	5	6	0	5	2
35	12	8	3	2	0	8	0	7	3
125	4	12	4	4	5	18	5	10	3
134	13	25	4	5	0	24	5	15	5

CF-18	Chinook	Griffon
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
2	2	4
4	3	6
4	4	8
6	6	12

Véhicules de tir	Véhicules non-tireurs
2	0
2	0
4	0
6	0
20	10
24	10
40	20
60	20
120	141
160	200
400	478
520	600