



Royal Canadian Gendarmerie royale
Mounted Police du Canada

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS A:**

Bid Receiving/Réception des soumissions
RCMP - F Division
Procurement & Contracting Services
c/o Commissionaires, F Division
6101 Dewdney Ave
Regina, SK S4P 3K7

Fax No. - N° de FAX:
(306) 780-5232

**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 :

THIS DOCUMENT DOES NOT CONTAIN A
SECURITY REQUIREMENT

LE PRÉSENT DOCUMENT NE COMPORTE PAS
UNE EXIGENCE EN MATIÈRE DE SÉCURITÉ

Title – Sujet: Remotely Operated Vehicle (ROV), Winnipeg, Manitoba		Date January 31, 2020
Solicitation No. – N° de l'invitation M5000-20-1158/A		Amendment No. - No modif.: 001
GETS Reference No.-No de Référence du SEAG PW-20-00903809		
Solicitation Closes – L'invitation prend fin		
At /à :	2 :00 pm	Central Standard Time (CST) Heure Normale du Centre (HNC)
On / le :	February 10, 2020	
Delivery - Livraison See herein — Voir aux présentes	Taxes - Taxes See herein — Voir aux présentes	Duty – Droits See herein — Voir aux présentes
Destination of Goods and Services – Destinations des biens et services See herein — Voir aux présentes		
Instructions See herein — Voir aux présentes		
Address Inquiries to – Adresser toute demande de renseignements à Rachel Sookoo, Procurement Officer		
Telephone No. – No. de téléphone 639-625-3291		Facsimile No. – No. de télécopieur 306-780-5232

Delivery Required – Livraison exigée See herein — Voir aux présentes	Delivery Offered – Livraison proposée See Herein Voir aux présentes
Vendor/Firm Name, Address and Representative – Raison sociale, adresse et représentant du fournisseur/de l'entrepreneur:	
Telephone No. – No. de téléphone	Facsimile No. – No. de télécopieur
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) – Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date



This amendment is raised to address the following:

- To respond to questions received during the solicitation period;
- To revise the solicitation accordingly, as applicable; and
- To extend the bid closing date.

QUESTIONS AND ANSWERS:

Question 1: A. General, 4. Height: please consider increasing the height limit to 400mm.

Answer 1: Yes, we will accept up to 400mm.

Question 2: A. General, 5. Weight in air: please consider increasing the weight limit to 22kg.

Answer 2: No, 15kg is the maximum weight we will accept.

Question 3: B. Thrusters/Performance, 1. Configuration: will “2 forward, 2 vertical/lateral” be acceptable?

Answer 3: No. We require 2 vertical, 2 forward and 1 lateral.

Question 4: B. Thrusters/Performance, 2. Motor type: please consider changing to “DC motor direct drive”.

Answer 4: No, we require a brushless DC direct drive (oil compensated) motor.

Question 5: B. Thrusters/Performance, 4. Speed at surface: please consider changing to “2 knots or greater throughout the full depth rating”.

Answer 5: Yes, we will accept 2 knots or greater.

Question 6: D. Control System, 2. Monitor: please confirm if min. 50.8 cm is the size measured diagonally.

Answer 6: Measurement is diagonal.

Question 7: E. Tether Reel, 1. Diameter: will 10mm be acceptable?

Answer 7: Yes, we will accept a 10mm tether.

Question 8: H. Grabber, a) Three claw grabber: this appears to be a single function grabber. Will a “Dual functions (open/close and 360 degree continuous rotate) grabber with two claw” be acceptable?

Answer 8: No, we require a three claw grabber.



SOLICITATION REVISIONS:

DELETE IN ITS ENTIRETY: Annex A – Statement of Requirement

INSERT:

ANNEX "A"

REQUIREMENT

To supply and deliver one (1) Remotely Operated Vehicle (ROV) to the Royal Canadian Mounted Police (RCMP), D Division Underwater Recovery Team located in Winnipeg, Manitoba, in accordance with the requirement specifications, terms and conditions detailed herein.

The make and model requested is the Seabotix 300-5.

If equivalent is being offered, the ROV must have the following specifications, and bidders must complete Annex C.

A. GENERAL

- | | |
|------------------|-------------------------|
| 1. Depth Rating | 100m to 300m |
| 2. Length | 450mm to 550mm |
| 3. Width | 350mm to 450mm |
| 4. Height | 200mm to 400mm |
| 5. Weight in air | 13kg to 15kg |
| 6. Housing | Protective bumper frame |

B. THRUSTERS/PERFORMANCE

- | | |
|---------------------|---|
| 1. Configuration | 2 forward, 2 vertical, 1 lateral |
| 2. Motor type | Brushless DC direct drive (oil compensated) |
| 3. Bollard thrust | a) Forward -7kgf or greater
b) Lateral -3kgf or greater
c) Vertical – 7kgf or greater |
| 4. Speed at Surface | 2 Knots or greater |

C. CAMERA/LIGHTING

- | | |
|----------------|---|
| 1. Camera | 680 line or 650 TVL high resolution color |
| 2. Camera tilt | 180 degrees |
| 3. Lens | 3.6mm minimum, WDR (wide dynamic range) |
| 4. Focus | Manual (90mm to infinity) |
| 5. Lighting | Internal LED array, 700 lumens, tracks camera |
| 6. Sensitivity | .01 lux @f2.0 |

D. CONTROL SYSTEM

- | | |
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| 1. Configuration | Splash proof rugged Integrated Navigation Control/ Console case fitted with a retractable handle and wheels |
| 2. Monitor | minimum 50.8 cm transfective (daylight readable) colour LCD monitor integrated into upper panel of case |



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| 3. | Power requirements | 1,200 Watts max, 100-130/200-260 VAC-typical |
| 4. | Computer | a) Waterproof keyboard controls Windows 10 integrated into lower panel of case
b) Digital video recording capability via integrated hard drive |
| 5. | Safety | isolated input circuit breaker, LIM, leak monitor |
| 6. | Auto functions | Depth, heading, trim(speed) |
| 7. | Video overlay | Depth, heading, lights, thruster gain, turns counter, camera angle, time, date and user programmable characters, option status |
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- | | | |
|----|-------------------|---|
| E. | TETHER REEL | |
| 1. | Diameter | 8 mm to 10 mm |
| 2. | Length | 250m |
| 3. | Working load | 100kgf |
| 4. | Breaking strength | 700kgf |
| 5. | Buoyancy | Neutral in fresh water |
| 6. | Reel | slip ring, connectors and strain relief |
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- | | | |
|----|-------|---|
| F. | SONAR | |
| 1. | Type | Tritech Gemini 720ik Imaging sonar or equivalent, minimum 120 deg. Field of view
Imaging sonar VDSL integration kit (503/BlueView, 508 Gemini) or equivalent |
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| G. | TRACKING | a) Tritech Micron Nav USBL positioning system or equivalent
b) Tritech Micron NAV USBL tracking system integration kit or equivalent |
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| H. | GRABBER | a) Three claw grabber
b) Grabber attachment kit – SAR configuration (std interlock, cutter, large interlock) |
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|----|--------|---|
| I. | SPARES | a) Basic spares and tool kit
b) Spare brushless DC thruster assembly (oil compensated)
c) Oil compensation top off kit
d) Remote location spares kit
e) Quick recovery system |
|----|--------|---|
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- | | | |
|----|-----------------|---|
| J. | CASES/PACKAGING | a) Vehicle transit case with custom foam
b) Tether transit case with custom foam |
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- | | | |
|----|---------------|---------------------------------|
| K. | DOCUMENTATION | a) Operators Manual - USB Drive |
|----|---------------|---------------------------------|



DELETE IN ITS ENTIRETY: Annex C – Mandatory Technical Criteria

INSERT:

Annex C Mandatory Technical Criteria

Bidders are required to indicate whether or not they comply with the mandatory specifications. Bidders must include one (1) copy of descriptive literature of the make and model being offered in sufficient detail to clearly indicate compliance or equivalency with each of the individual requirements in the specifications.

Where weight, dimensions or other characteristics are shown as approximate, minimum or maximum, the bidder must indicate the manufacturer's figures.

Equivalent Products B3000T (2006-06-16)

1. Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Bidder:
 - a. designates the brand name, model and/or part number of the substitute product;
 - b. states that the substitute product is fully interchangeable with the item specified;
 - c. provides complete specifications and descriptive literature for each substitute product;
 - d. provides compliance statements that include technical specifics showing the substitute product meets all mandatory performance criteria that are specified in the bid solicitation; and
 - e. clearly identifies those areas in the specifications and descriptive literature that support the substitute product's compliance with any mandatory performance criteria.
2. Products offered as equivalent in form, fit, function and quality will not be considered if:
 - a. the bid fails to provide all the information requested to allow the Contracting Authority to fully evaluate the equivalency of each substitute product; or
 - b. the substitute product fails to meet or exceed the mandatory performance criteria specified in the bid solicitation for that item.
3. In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to demonstrate, at the sole cost of bidders, that the substitute product is equivalent to the item specified in the bid solicitation.

The Royal Canadian Mounted Police is under no obligation to seek clarification of the bid(s) or the supporting technical documentation provided.

Failure to meet any of the following specifications will render your proposal non-complaint and will be given no further consideration



If equivalent is being offered, the ROV must have the following specifications:

Specifications	Compliance		Cross Reference to Technical Proposal
	Yes	No	
A. GENERAL			
1. Depth Rating: 100m to 300m			
2. Length: 450mm to 550mm			
3. Width: 350mm to 450mm			
4. Height: 200 mm to 400mm			
5. Weight in Air: 13kg to 15kg			
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1. Camera: 680 line or 650 TVL high resolution color			
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5. Lighting: Internal LED array, 700 lumens, tracks camera			
6. Sensitivity: .01 lux @f2.0			
D. CONTROL SYSTEM			
1. Configuration: Splash proof rugged Integrated Navigation Control/ Console case fitted with a retractable handle and wheels			
2. Monitor: minimum 50.8 cm transfective (daylight readable) colour LCD monitor integrated into upper panel of case			



Specifications	Compliance		Cross Reference to Technical Proposal
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3. Power requirements: 1,200 Watts max, 100-130/200-260 VAC-typical			
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6. Auto functions: Depth, heading, trim(speed)			
7. Video overlay: Depth, heading, lights, thruster gain, turns counter, camera angle, time, date and user programmable characters, option status			
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3. Working load: 100kgf			
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1. Type: Tritech Gemini 720ik Imaging sonar or equivalent, minimum 120 deg. Field of view Imaging sonar VDSL integration kit (503/BlueView, 508 Gemini) or equivalent			
G. TRACKING			
a) Tritech Micron Nav USBL positioning system or equivalent b) Tritech Micron NAV USBL tracking system integration kit or equivalent			
H. GRABBER			
a) Three claw grabber b) Grabber attachment kit – SAR configuration (std interlock, cutter, large interlock)			



Specifications	Compliance		Cross Reference to Technical Proposal
	Yes	No	
I. SPARES a) Basic spares and tool kit b) Spare brushless DC thruster assembly (oil compensated) c) Oil compensation top off kit d) Remote location spares kit e) Quick recovery system			
J. CASES/PACKAGING a) Vehicle transit case with custom foam b) Tether transit case with custom foam			
K. DOCUMENTATION a) Operators Manual - USB Drive			

DELETE :

Solicitation Closes – L'invitation prend fin		
At /à :	2:00 p.m.	CST (Central Standard Time) HNC (Heure Normale du Centre)
On / le :	February 3, 2020	

INSERT:

Solicitation Closes – L'invitation prend fin		
At /à :	2:00 p.m.	CST (Central Standard Time) HNC (Heure Normale du Centre)
On / le :	February 10, 2020	

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME