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Bid Receiving Public Works and Government  
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Pacific Region  
401 - 1230 Government Street  
Victoria, B.C.  
V8W 3X4  
Bid Fax: (250) 363-3344

## 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  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution  
Public Works and Government Services Canada - Pacific  
Region  
401 - 1230 Government Street  
Victoria, B. C.  
V8W 3X4

<b>Title - Sujet</b> Zalinski - Pollution Removal	
<b>Solicitation No. - N° de l'invitation</b> F1766-170013/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> F1766-170013	<b>Date</b> 2018-01-26
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$XLV-211-7428	
<b>File No. - N° de dossier</b> XLV-7-40215 (211)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-02-02</b>	
<b>Time Zone</b> Fuseau horaire Pacific Standard Time PST	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Buchan, Torrey	<b>Buyer Id - Id de l'acheteur</b> xlv211
<b>Telephone No. - N° de téléphone</b> (250) 216-2092 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> (type or print) <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

This solicitation amendment is hereby issued to address questions posed by a supplier.

**Q1: To clarify, the recent amendment lays out a 30 ton crane required, yet All-Sea utilized a 20 ton crane on the previous requirement, why is the extra capacity required?**

A1: To ensure the safety of the diving operation, the CCG requires a 30 ton crane for the operation.

**Q2: Will the Coast Guard be supplying all pumps, hoses, compressor, and baker tanks, essentially everything to extract oil? Will the Contractor only be required to connect/disconnect hoses/valves?**

A2: The contractor is responsible for supplying all pumps, hoses, and compressors needed to conduct the work. A list of the Government supplied equipment is available under C-1 of the Statement of Work.

**Q3: Is contractor or coast guard required to supply flanged valve/camlock fittings for oil valve/hose connection?**

A3: The Contractor is required to supply the flanged valve/camlock fittings necessary. Connection information is available in the All Seas Underwater Service Report 2015, and in Appendix C to the Mammoet Final Report 2013. The Appendix C document is attached.

**Q4: Does coast guard have extra valve handles for existing valves on wreck?**

A4: No, CCG does not have extra valve handles.

**Q5: Is there a specific requirement for quantity of divers?**

A5: There is no specific requirement, it is the responsibility of the Contractor to determine the number of divers required to conduct the work in accordance with the Statement of Work.

**Q6: Coast guard is listed as supplying a safety boat, will this be available to contractor for use?**

A6: The safety boat will be operated by the Canadian Coast Guard. It will respond to any type of emergency situation that occurs at the work site, but could also be tasked at any time to respond to emergencies off site and be gone for extended periods of time. The contractor is responsible for meeting all safety regulations without requiring CCG or other government departmental resources.

**Q7: In Annex A it states, " The crane aboard the barge will provide diver support, delivery of tools to the wreck site below and assist the Canadian Coast Guard crews with moving any spill equipment onboard the barge."**

**As per WorkSafe BC Part 24 diving regulations section 24.32 Hoists**

- (1) If a hoisting device is required to lower or raise the diver it must not be used for any other purpose until the diver has been recovered.**

**If tools or equipment are to be lowered to wreck site below using the crane while a diver is in the water we are required to have two cranes onsite. One to raise and lower the diver and the second to lower tools to the wreck site.**

**Will two cranes will be required to be onsite to support the diving operations?**

A7: The CCG requires only one crane for the operation, as specified in C-2 of the Statement of Work.

**Q8: In Annex A it states a "Certified 30 ton fixed boom crane / boom truck or equivalent, suitable for lowering a diver in a certified man basket to the ocean floor, from off the side of the barge" is required onsite.**

**A designed-built diver launch and recovery system (LARS) with a certified diving stage and emergency gas that is constructed, operated, maintained, and tested to WorkSafe BC, CSA and ABS standards is a far safer option. The LARS uses a clump weight to prevent the basket from spinning and prevents the divers umbilical from becoming entangled. This is a high possibility in the high currents of which we will see in Grenville Channel.**

**Please advise if a LARS is an acceptable substitution to a crane and basket.**

A8: A LARS could be an acceptable substitution for a basket, however a crane is still required for the operation. There must be sufficient deck space to accommodate all required equipment, and to safely carry out the operation on the barge.

Solicitation No. - N° de l'invitation  
F1766-170013/A  
Client Ref. No. - N° de réf. du client  
F1766-170013

Amd. No. - N° de la modif.  
002  
File No. - N° du dossier  
XLV-7-40215

Buyer ID - Id de l'acheteur  
xlV211  
CCC No./N° CCC - FMS No./N° VME

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**Q9: Annex A states,**

**“The Bidder must provide their bid price for the following un-scheduled requirements:**

**2. Additional on-site working days, including all applicable dive hours, for all equipment and personnel. (for example 24 hour operations including crane and operator)”**

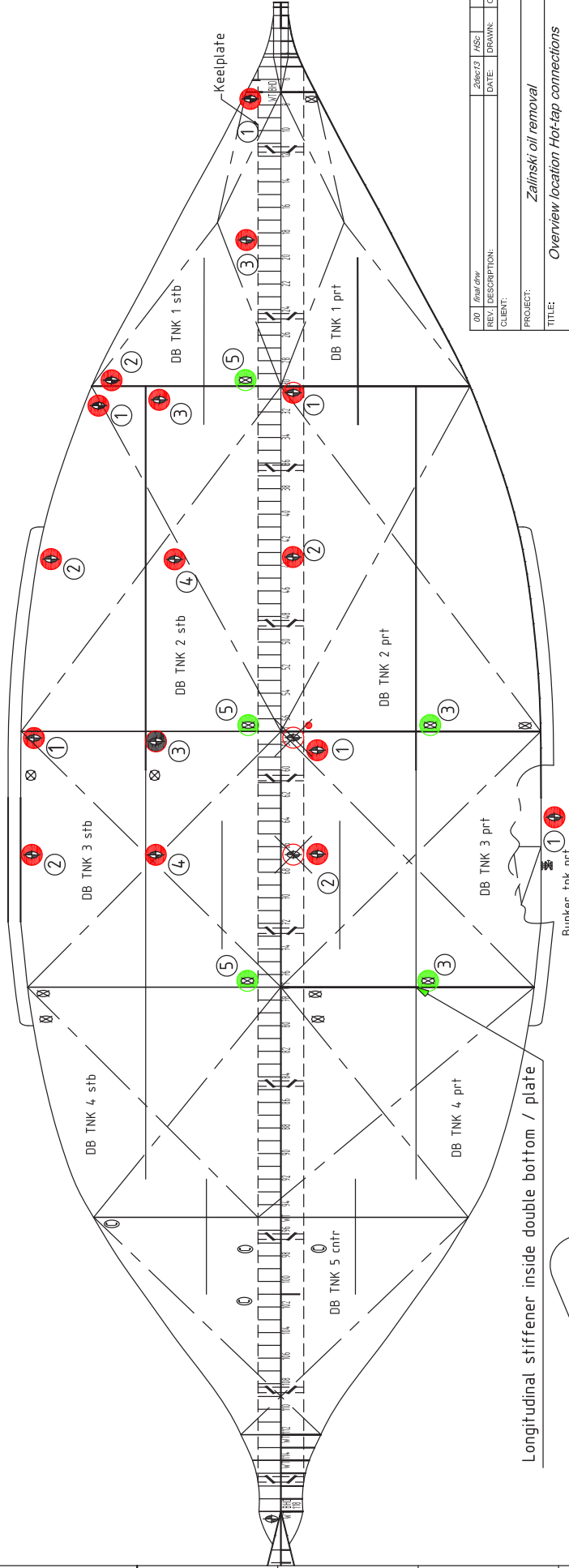
**Can Canada clarify if our price is to include 24hr operations. For example 2 shifts each working 12hrs a day?**

A9: As per Section C-5, oil pollution removal operations will take place mainly during daylight hours; however there may be times when set up and standing down take place in dark hours. 24 hour operation (2 shifts working 12 hours per day) is not required.

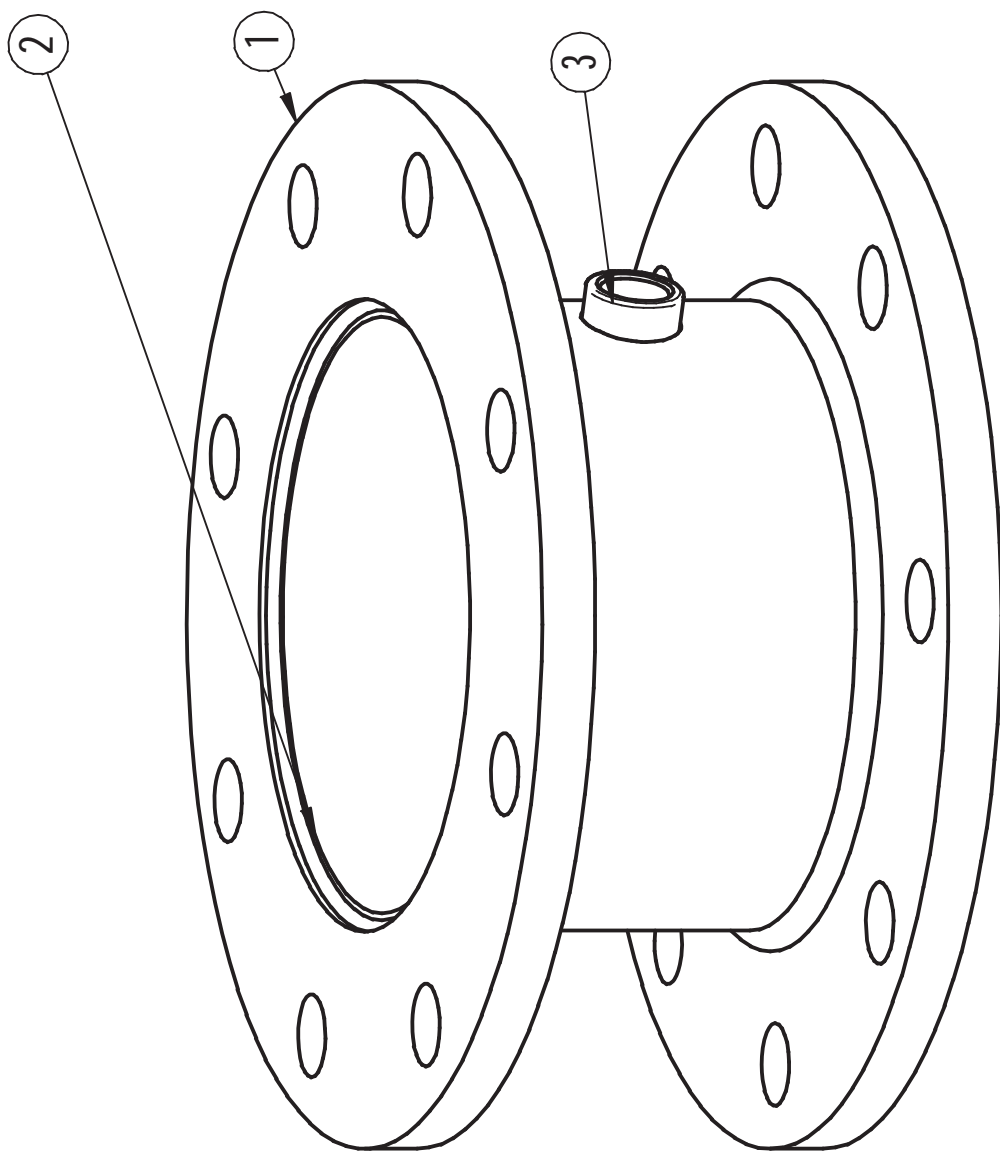
Tnk 3 stb	Tnk 2 stb	Tnk 1 stb	Tnk 2 prt	Tnk 3 prt	Bunker tnk prt
Hot-tap	Hot-tap	Hot-tap	Hot-tap	Hot-tap	Hot-tap
5 inlet, no valve	5 inlet, no valve	5 inlet, no valve	3 inlet, no valve	3 inlet, no valve	1
4	4 note picture missing	4 not installed	2	2	1
3 out of use	3	3	1	1	
2 blocked	2	2			
1	1	1			

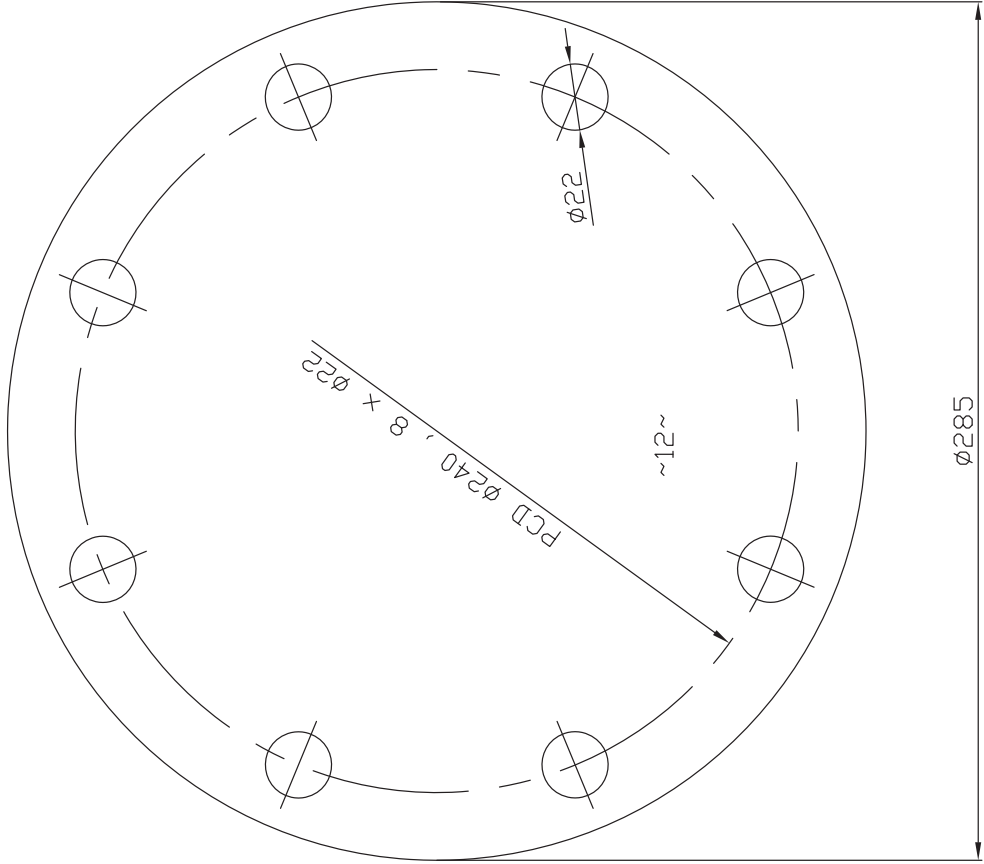
All hot-tap connection sealed with 6"blank flange!

Starboard - shore




00	final draw	2009-12	REV	DATE	DRAWN	CHECKED
CLIENT:						
PROJECT: Zalinski oil removal						
TITLE: Overview location Hot-tap connections						
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SCALE: n.b	SIZE: A3	DRAWING NUMBER	PROJECT No:	SUB:	DOC:	PART:
SAP No:						
0010066982 - P091 - D -			- 1 -			





Standaard blind flens 6"  
DN150 / PN10  
T=12 mm (gereduceerde dikte)  
(T=8 mm alternative)  
material: S335j2

In Progress

00	In Progress								
REV.	DESCRIPTION:		DATE:		DRAWN:		CHECKED:		
CLIENT:	Mammoet Salvage B.V.								
PROJECT:	Hot_Tap								
TITLE:	standard "blind" flange DN150 / 6" T=12 note: reduced thickness								
 Karel Doormanweg 47, 3115 JD Schiedam, Harbour 580 P.O. Box 570, 3100 AN Schiedam, THE NETHERLANDS Tel. +31(0)10-2042424 / Fax. +31(0)10-2042442 www.mammoet.com					THIS PUBLICATION REMAINS THE PROPERTY OF THE PUBLISHER AND SHALL BE TREATED AS CONFIDENTIAL, UNLESS CONTRACTUALLY SPECIFIED OTHERWISE. NO PART OF IT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT THE PRIOR WRITTEN PERMISSION OF THE PUBLISHER. © 2000 MAMMOET [COSP-02-01-01]				
SCALE:	n.a.	SIZE:	A4	DRAWING NUMBER					
SAP No:	20412	PROJECT No:	??- 1 -D-	SUB:	1	DOC:	1	PART:	1
								SHT:	1
									REV.
									- 1 -00



tnk 3 stb valve 1  
splash zone !





tnk 3 stb valve 2



tnk 3 stb valve 3





tank 3 stb valve 4





tnk 3 stb blank 5





tnk 3 prt valve 1



tnk 3 prt valve 2





tnk 3 prt blank 3





tnk 2 stb valve 1



tnk 2 stb valve 2





tnk 2 stb valve 3



tnk 2 stb blank 5





tnk 2 prt valve 1





tnk 2 prt valve 2





tnk 2 prt blank 3







tnk 1 stb valve 1 nl



trnk 1 stb valve 2







tnk 1 stb valve 3 nl



tnk 1 stb blank 5

