



National Defence
National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Défense nationale
Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

RETURN BIDS TO: RETOURNER LES SOUMISSIONS À :

Bid Receiving – PWGSC / Réception des
soumissions - TPSGC

Via ePost / Postel

Fax / Faxe: (819) 997-9776

Proposal To: National Defence Canada

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods and services listed herein and on any attached sheets at the price(s) set out therefore.

Proposition à : Défense nationale Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

| | |
|---|--|
| Title/Titre SHAFTS, RUDDER / AXE, GOVERNAIL DE DIRECTION | Solicitation No – N° de l'invitation W8482-229033/A – Amendment/Amendement 004 Date of Amendment/Date de l'amendement: September / septembre 16, 2021 |
| Date of Solicitation – Date de l'invitation 2021-07-19 | |
| Address Enquiries to – Adresser toutes questions à Katerina Drescher D Mar P 4-3-4-5 Katerina.Drescher@forces.gc.ca | |
| Telephone No. – N° de téléphone | FAX No – N° de fax |
| Destination See herein | |

Instructions:

Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions: Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

Solicitation Closes –L'invitation prend fin

At – à : 14 :00 EDT

On - le : 24 September / septembre 2021

| | |
|---|---------------------------------------|
| Delivery required - Livraison exigée | Delivery offered - Livraison proposée |
| Vendor Name and Address - Raison sociale et adresse du fournisseur | |
| Name and title of person authorized to sign on behalf of vendor (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie) | |
| Name/Nom _____ | Title/Titre _____ |
| Signature _____ | Date _____ |

Amendment #: 004

This amendment is raised to extend the closing date to September 24, 2021 at 14:00 EDT and to answer the bidders' question

Question 1

Can you please confirm if the bronze sleeves are required for the rudder shafts or are we to provide just the forged and machined shaft only?

Answer 1

You are to provide just the forged and machined shaft only. Sleeves are not required.

Question 2

There is a requirement to fill and pump out the bore with “Asterpiol “P” J8” is there more information on this preservative or a trade name?

Answer 2

The product “Asterpiol “P” J8” is a legacy product that is no longer used or manufactured. The correct product(s) for this application can be found on Page 5-7-34 in D-23-003-005/SF-002.

D-23-003-005/SF-002

Rudder, Interior (Lower Forepeak and Bilges Keels)

| Shipboard Equipment/Components: | | | | RUDDER, INTERIOR (LOWER FOREPEAK AND BILGES KEELS) | | | | |
|--|-------|--------|---------|---|-----------|--|--|--|
| Applicable Classes: | | | | ALL | | | | |
| COMPLETE RECOAT | | | | TOUCH UP | | | | |
| Coats No. | Code | Colour | Microns | Original Coating | Substrate | | | |
| Preparation | Notes | | | Preparation | C161 | | | |
| First | C161 | | | First Coat | C161 | | | |
| Second | C161 | | | Second Coat | | | | |
| Third | | | | Third Coat | | | | |
| Fourth | | | | Fourth Coat | | | | |
| Fifth | | | | Fifth Coat | | | | |

NOTES

1. Drain any liquids from the spaces. Where possible remove all flaking coatings and rust.
2. Fill and drain twice as per manufacturer's instructions. Let the coating stand in the space for 24 hours before draining and wait another 24 hours before repeating the process. If possible, it can be applied with paint brushes, rollers or spray equipment instead.
3. Could also be done by float coat, if possible.
4. **Rudder** post cavity, use Tectyl 511.

Question 3

There appears to be a discrepancy in the Design Appraisal Document in regards to material selection for the Rudder Stock.

Drawing SC8455639 calls out Alloy Steel Forging to ASTM A668-79 Class M.

The Lloyd's Design Appraisal Document ATS/19364/H/01 Issue 0 Section 1.1 Bullet Point 4 states ASTM A668-79 Class M – concluded minimum yield stress 758 N/mm².

However the Design Appraisal Document ATS/19364/H/01 Issue 0 Section 1.4 recommends that the rudder stock be of weldable quality for future repairs by welding [Ch 5 Sec 2.2.2 Rules for Materials]

That Section 2.2.2 recommends that Rudder Stock comply with 2.2.1 which is a carbon steel not an alloy steel. It has chemical limitations that prevent the material from achieving 758 N/mm².

Can you please clarify which type of material is required for the rudder stocks?

Answer 3

If material requirements in LR DAD are incompatible with Drawing SC8455639, then Drawing SC8455639 is to take precedence. Bidders are to identify discrepancy in bid for DND evaluation.

Question 4

We cannot offer the inside hole with the same shape which is designed in the drawing. In the original drawing there is a conical zone with 950 mm approx. that we cannot include. This mean that we can offer only the hole with two measurements that they are joined in the left point. Could be accepted by customer/CCG? If this is ok for the customer, there is to discuss it with the Classification Society to know if they accept it because the drawings are approved.”

Please check it and give us your comments.

Answer 4

The dimensional change requested was deemed not acceptable.

**All other terms and conditions remain the same /
Tous les autres termes et conditions restent les mêmes**