

Protokoll fört vid enskild föredragning

Infrastrukturavdelningen
Transportbyrån, I2

Beslutande

Minister
Mika Nordberg

Föredragande

Teknisk inspektör
Magnus Eriksson

Justerat

Omedelbart

Ärende/Dnr/Exp.

Beslut

Nr 34

Dockning av m/s Alfågeln 2019
ÅLR 2019/4274

Beslut

Landskapsregeringen beslöt att begära in anbud på dockning för m/s Alfågeln från Stockholms Reparationsvarv Ab, Oy Western Ship Yard Ltd och Turku Repair yard enligt bifogad dockningsspecifikation i bilaga I219E26.

Det beräknade värdet för entreprenaden överstiger inte det av Europeiska kommissionen fastställda tröskelvärdet för upphandling av tjänster och varor om 221 000 euro exklusive moms, vilket medför att upphandlingen genomförs enligt Ålands landskapsregerings beslut (2018:13) gällande vissa upphandlingar. I enlighet med 4 § sker upphandlingen genom riktat förfarande.

Upphandlingen med tillhörande anbudshandlingar kommer att publiceras på landskapsregeringens elektroniska upphandlingsverktyg www.e-avrop.com.

Kostnaderna belastar moment 75010 ”Upphandling av sjötrafik” och 975000 ”Fartygs- och färjeinvesteringar”.

Motivering

Dockningen är en del av det planerade löpande underhållet som görs av fartyget för att säkerställa en säker och störningsfri trafik.

Enligt klassningssällskapets regler ska fartyget torrsättas två gånger inom en femårsperiod och längsta intervallen mellan dockningarna får ej överstiga tre år. M/s Alfågeln dockades senast 09.2014 och 10.2017.

Bakgrund

M/s Alfågeln är driftsprivatiserad. Enligt entreprenadavtalet ansvarar för och bekostar beställaren för klassningar samt alla torrdockningar och reparationer som inte är förorsakade av bristande löpande underhåll eller försumlighet av entreprenören.

Entreprenören ansvarar för leverans samt hämtning av fartyget vid dockningar från av beställaren angiven plats. Platsen är begränsad till att vara belägen inom en radie av 120 sjömil från färjelinjen.

Stockholms Reparationsvarv Ab, Oy Western Ship Yard Ltd och Turku Repair yard är de mest lämpade reparationsvarven inom en radie av 120 sjömil från färjelinjen.

Phone:+358 18 25000

Dockningsspecifikation M/S Alfågeln 2019

Period V37-39



Main Data

Length	52,7 m
Wide	12,0 m
GT	1469
DW	300
Maine engine	1*2600 kW Wärtsilä 16V22
Klass	Lloyd
Electricity	400 / 220 50 Hz
Year of built	1990, Simek A/S

Terms and Conditions

A. This docking specification is intended to describe work that will be carried out at the docking as detailed as possible so that it is possible to submit tenders either at a fixed price or at a running price.

B. We reserve the right to perform the work on the specification partly or to omit work in its entirety.

C. We reserve the right to employ subcontractors under our own control which may prove necessary for special competence and specialist knowledge, both with respect to parts of this specification and any additional work.

D. In addition to the mentioned work in this docking specification there may be deviations such as e.g. construction of work stands, cleaning, disposal of waste, drainage of tanks, work lights and fire guards, etc.

E. In the case of repairs of machinery or equipment, the manufacturer's instructions and recommendations are to be followed.

F. All work must be approved by the shipping company's technical superintendent or a person appointed by him.

100 Arrival, general works and docking

Docking and all works shall be performed during period 10.09.2019-27.09.2019 and not exceed 14 days.

101 In-/Out docking

Including first day in the dock and rebuilding of docking bed €
 First day in dock is the first full 24h period started from 00:00.

102 Docking rent

Price per day €/ day €day

103 General service

Gang Way	€pcs.
Garbage container for waste including disposal	€m ³
Garbage container for kitchen waste including disposal	€m ³
Disposal of empty paint cans	€pcs.
Disposal of other paint waste	€m ³
Disposal of waste and sludge oil	€m ³
Emptying of waste and sludge oil, rental by the hour for work with vacuum truck including one man	€h
Emptying of bilge, rental by the hour for work with vacuum truck including one man	€h
Disposal of bilge water	€m ³
In / out connection of fire line to the vessel	€pcs.
Delivery of cooling water (distilled)	€m ³
In / out connection of fresh water to the vessel	€pcs.
Delivery of fresh water	€m ³
Emptying of black and gray water, rental by the hour with vacuum truck including one man	€h
Disposal of black and gray water	€m ³
Cleaning of black and gray water tanks	€m ³ tank
In / out connection of compressed air	€pcs.
Supply of compressed air	€day

104 Shore connection: 400 V, 50 Hz, 100A

Shore connection	€
Price of electricity	€kWh

105 Crane for vessel use

Including crane operator	€h
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106 Rent of Sky lift (20m), for use by the ship

(Including delivery up to the ship)	€h
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107 Debiting by the hour for specified work in this specification, and for additional work:

Overtime weekday	%
Overtime holiday	%
Welder	€/h
Steel-worker	€/h
Mechanic/engineer	€/h
Plumber	€/h
Painter	€/h
Electrician	€/h
Fireguard	€/h
Cleaner	€/h
Sheet-metal worker	€/h
Carpet layers and floor work	€/h
Interior insulation work	€/h
Interior work (ceiling and wall covering)	€/h

200 Washing, Sand blasting and painting

Note! If no other agreement is done with owner's technical superintendent (TSP), it is mandatory to follow the paint manufacturer application instructions (appendix to this specification).

Before any surface is painted it shall be inspected and approved for painting by owner's TSP.

All scruppers, hull penetrations, echosounders, propeller, Zink anodes etc. must be covered and protected before any sand blasting and painting is performed.

An agreement shall be taken with owner's TSP if any Fan duct from machinery spaces and interior HVAC unit shall be covered before blasting and painting.

All above mentioned covering and protection shall be removed after finished work.

All work with sky-lift and crane shall be included in washing.

Underwater hull: 670 m²

Boottop and fender list: 150 m²

Ship outside: ~640m²

201 HP washing

Underwater hull, boottop, fender list 820 m².

Fixed price €

Additional cost for sea growth €/m²

202 Sand blasting

Sandblasting of underwater hull, boottop and fenderlist SA 2 ½

~820 m² Fixed price €

203 Minor sand blasting

Minor sand blasting work including blasting grit €h

204 Painting of underwater hull, bootop and fenderlist

Painting of hull, bootop and fenderlist ~820 m² according to paint suppliers instruction.
Fixed price €
Paint will be supplied by ship owner

205 Painting of hull marks

Painting of draft marking, plimson mark and side thruster marking
Fixed price €

206 Protection/covering before sand blasting and painting

Covering of scrappers, hull penetrations, echosounders, propeller, Zink anodes etc.
€h

207 Flushing before depature

Flushing with firehose of deck and ship outside before departure from yard
Fixed price €

208 Bottom plug

Opening and closing, including new sealing
Fixed price €/pcs.

209 Sea chest

Opening and closing of strainer, HP washing of sea chest, sand blasting SA 2 1/2 and painted according to paint manufacturer instruction, antifouling, protection of hull penetration, scaffolding.
Paint will be supplied by shipowner.

Sea chest #8-10, fixed price €
Sea chest #18-21, fixed price €
Sea chest #62-63, fixed price €

210 AFT peak tanks

Ballast tank No.10,11 (SB/BB 5) to be sandblasted SA 2 1/2 and painted according to paint manufacturer instruction (320 NDFT). Tank volyme 14m³.
Fixed price incl. technical opening. €
Paint will be supplied by shipowner.

300 Steelwork, visor, ramps, doors and tanks

301 Hull Welding

Repair welding of weldseams at bottomplates and bow thruster tunnel. €h

302 Ventilation pipe

Steering gear room ventilation pipe stay to be repaired.
Fixed price after inspection at yard.

303 Car deck doors

Sliding rail and door train at car deck doors to be repaired €h

304 FWD car ramp

Old ramp to be replaced with a new prefabricated. Hinges plates on hull to be renewed.
Special attention must be taken for hinges to be in straight in line.

Fixed price including all material, sand blasting and painting of hinges. €

305 Zink anode

Replacement of anodes on hull, thruster tunnel, sea chest. Price to include new anodes,
removal of old anode and welding of new anodes.

2 kg	€pcs.
3,5 kg	€pcs.
5 kg	€pcs.
7,5 kg	€pcs.
10 kg	€pcs.

306 Manhole

Opening/closing of manhole hatch €pcs.

307 Gaskets for manhole

Delivery of new gaskets €pcs.

308 Bottom plug

Opening and closing of bottom plug including new gasket €pcs.

309 Measurement of Bow visor hinges

Hinges clearance to be measured, report given in three copies

Fixed price	€
Repair work of hinges	€h
310 Sludge tank level gauge	
Renew of sludge tank level gauge	€h
New level gauge to be delivered by shipowner	
400 Engine and mechanical work	
Maine engine Wärtsilä 16V 22	
401 Engine crankshaft	
Control of crankshaft alignment before docking	
Report to be given in tree copies.	
Fixed price	€
402 Main engine overhaul	
Engine will be overhauled by shipowner subcontractor.	
Mechanical assistance	€h
500 Propeller, Propeller shaft and Rudder	
501 Outer Simplex seal	
Type: Simplex Compact seal size 355.	
Replacement of old seal: Seal to be renewed, new to be installed by vulcanisation without shaft withdraw. Removal of ropeguard, emptying of sterntube oil and filling with new oil, disposal of old oil.	
Seal to be replaced and vulcanise by certificated (SKF/simplex) mechanic.	
New ropeguard to be installed according to drawing 025-763-301-1 B, appendix XXX	
Simplex measurement to be taken before and after seal replacement, report to be given in tree copies.	
Fixed price	€
502 Rudder	
Rudder to be removed and pressure tested, lower bearing bush renewing, rudder pintel to be refurbished. Appendix xxx	
	€h
600 Pipes and Valves	
601 Scupper pipe	
Renewing of pipe, DN 25 appr. 6 m, from scupper at saloon deck centre Aft ship.	
To get access to pipe steel sheet lining at car deck roof must be dismantled.	
Fixed price after inspection	

602 Fire line pipe

Renewal of appr. 2m fire line pipe DN80

Fixed price after inspection

603 Working air pipes

Renewing of airpipes at car deck, fixed price after inspection

604 Green Oil filter installation

Installation of Green Oil filter module according to manufacture installation instructions

Pipe work €h

Electrical installation €h

605 Bottom- and overboard valves

Price including Opening/closing of valve bonnet, Cleaning of valve clack box, lite grinding of sealing surface, renewing of bonnet gasket.

DN 200 €pcs.

DN 150 €pcs.

DN 125 €pcs.

DN 100 €pcs.

DN 80 €pcs.

DN 65 €pcs.

DN 50 €pcs.

DN 15 €pcs.

700 Safety equipment**701 Replacement of life rafts model**

6*25 pers. Viking life rafts to be removed, old steel storing construction for raft to be removed.

New 153 pers. raft with rack shall be installed according to ship owner's instruction.

Raft and rack will be supplied by shipowner.

Fixed price after inspection

800 Deck machinery**702 Anchor, chain and windlass machinery**

Chain cables to be ranged and measured, report in three copies, including all associated work to make measurement possible. €

703 Chain locker

Chain locker bottom lining to be removed and deck to be sandblasted to SA 2 1/2 and painted, apr. 2,3 m². €

900 Interior and Miscellaneous

901 Thickness measurement

Thickness measurement according to class surveyor assignation,
Measurement and measurement report given in three copies and one electrical (.PDF)
€spot

902 Toilet alarm

Installation of disable toilet alarm (Type ELKO RCW-set E55 045 20) at saloon deck disable toilet, cable routing from toilet to bridge intended for toilet alarm on bridge.
Installation of armature and cable routing according to instruction €h

903 Automatic door opening

SB passenger saloon deck door between saloon and aft deck to be provided with automatic door opener operated via push buttons mounted on bulkheads inside the saloon and outside on the aft deck. The pushbuttons, type ATECO AK-3 outdoor, ATECO AK-2 indoor, to be placed adapted for wheelchair users and at a height of 900 mm measured from floor to top button. Cable routing for remote door opening and manoeuvring power for door openers are drawn.

Location of push buttons and cabling according to crew instructions..

installation door opener €h

Material: Door opener with mounting kit, 1 pc. inside, 1 piece. outside

Elbow contact €

904 Cable routing

Network cable for information displays in passenger saloon to be routed between bridge and passenger saloon according to crew instructions.

Interior work €h

Cabling €h

Cable will be delivered by ship owner.

905 Bilge cleaning

Bilges to be cleaned, lot of paint flakes in bilges... €h

Magnus Eriksson
Teknisk inspektör