

Procurement- equipment for submerged mussel farming

The procurement includes equipment for submerged mussel farming including 120 PE pipes with net for mussel production, and 7.200 concrete blocks as loads to submerge the systems. The PE pipes can be welded together, and the nets can be mounted on a harbor area, so that the systems are delivered and handed over in the water to the customer. Concrete blocks are delivered to the designated location. Deliveries must follow a fixed schedule.

Value of delivery 1 and 2 is in total 920.000 EUR

Delivery 1: 120 PE pipes with net, expected value 720.000 EUR

Delivery 2: 7.200 concrete blocks, expected value 200.000 EUR

Specification og the equipment

Delivery 1

120 PE pipes diameter 250 mm, pipe wall thickness 9,6 mm – (DN250-SDR26).

Each pipe is 121,5 m long and constitute a floating closed unit that can withstand an external pressure of 115 psi.

120 nets. The nets are delivered mounted on the PE-pipes in the sea. The net must be produced according to EN 1346. All used materials must be UV-resistant. The construction and the dimension of the nets are given in table 1 and fig. 1-2.

All pipes with mounted nets are delivered in the water in the Harbor of Hvalpsund, Havnepladsen 19, DK-9640 Farsø (site A on Figure 3). The pipes can be welded, and the net mounted at site B, and materials can be stored on the supplier's risk and responsibility.

At site B the following facilities are available for the supplier at no cost:

- 380 v power – max capacity 16 amp
- Toilet
- 200 m² outdoor areas where containers and other material can be set up on the supplier's risk and responsibility

Table 1 Dimensions of the net

Description:	Drawing reference:	Dimension:	Unit:
Head-rope length	Dimension A	122	m
Head-rope diameter, 8 strand braided	Dimension D	32	mm
Unit Pipe length	Dimension B	121,5	m
Collector length	Dimension C	TBA	m
Collector depth	Dimension E	3,150	m
Bottom-rope length, 8 strand braided	Dimension U	122	m
Bottom-rope diameter	Dimension U	32	mm
Horizontal mesh size	Dimension F	175	mm
Vertical mesh size	Dimension G	175	mm
Vertical collector rope	Referance Y	14	mm
Horizontal collector rope	Referance X	14	mm
Endsection rope	Reference V	20	mm
Rope Loop	Position 3	18	mm

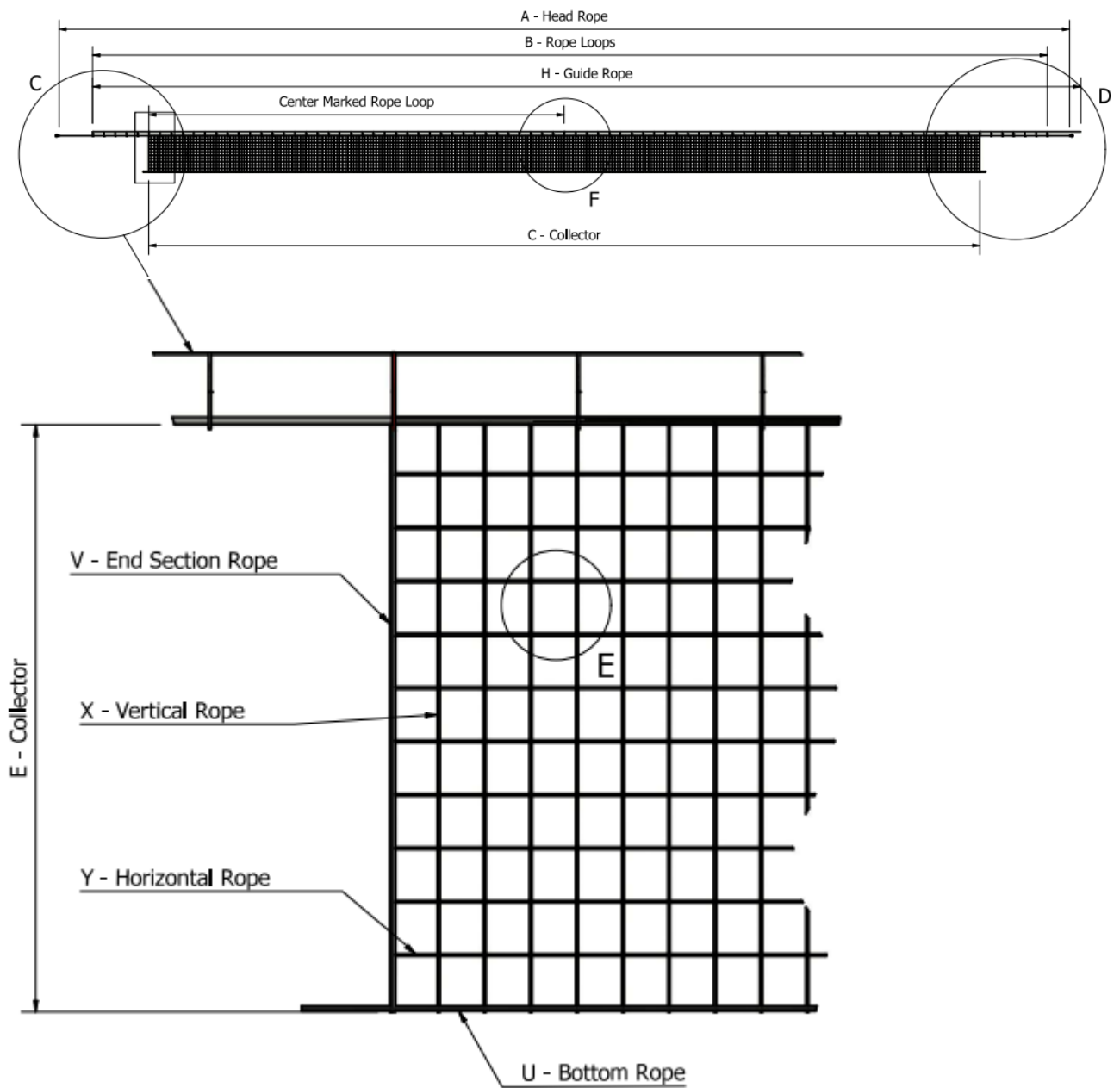


Figure 1 The dimensions of the net - overview

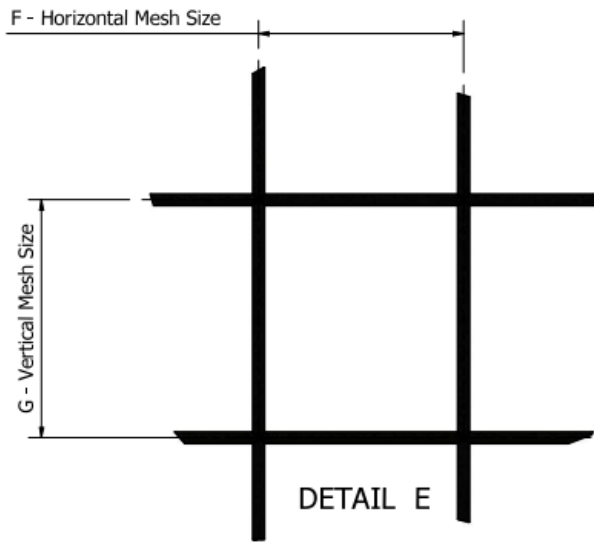


Figure 2 The dimension of the net- a mask.



Figure 3 Areal photography showing site A and B at the Harbour of Hvalpsund

Delivery 2

7.200 concrete blocks (500 mm x 500 mm x 500 mm) with a weight of at least 250 kg. In each concrete block, a 1 m lifting strap is embedded on one side, consisting of 32 mm polypropylene rope. The concrete blocks are delivered to a designated location within max 15 km of Hvalpsund, however on the same side of the strait.

Timeplan

Delivery 1

The supplier delivers daily between 3 and 4 pipes with attached net from the period from 15 March to 1 June 2023. A total of 120 pipes are delivered during the period. Wittrup Seafood A/S has the option to stop the delivery of pipes for 5 consecutive or individual days, if the weather prevents the company from laying out or anchoring pipes, or in the event of a vessel breakdown. The supplier makes a delivery plan which is approved by the customer.

Delivery 2

The supplier delivers the 7.200 blocks no later than March 15 2023 at the designated site.

Evaluation

Delivery 1

Price for 120 pipes with net according to specification: 40 %

References for similar contracts: 20 %

Timeplan for the delivery: 20 %

Organisation: 20 %

Delivery 2

Price for 7200 concrete blocks according to specification: 90 %

Organisation: 10 %

Questions to the procurement can be forwarded as email to Wittrup Seafood (rasmus@wittrup-seafood.dk) no later than January 4, 2023 and will be replied no later than January 7, 2023. All Questions and answers will be available on the homepage: www.wittrup-seafood.dk.

Bids for deliveries 1 and 2 must be received no later than January 15, 2023, at 12:00 to

CEO Rasmus Wittrup

Wittrup Seafood A/S

Ove Jensens Allé 46 C

8700 Horsens

or as mail to

Rasmus@wittrup-seafood.dk

Wittrup Seafood will evaluate the offers no later than January 17, 2023, and will inform all bidding companies about the outcome of the tender, so a contract can be signed no later than the January 18, 2023.