QATAR NAVIGATION (QPSC)

SHIP REPAIR & FABRICATION

Telephones

Office: 4771690 / 4771695

Fax : 4771687



Telex: 4206 DH
Cable: "NAVIGATION" Doha
Bank A/c:QNB Main Branch
P.O.Box 1000, Doha - Qatar
Swift Code: QNBAQAQA
QAR A/C No. 0013-000309-060
USD A/C No. 0013-000309-061

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SHIP MANAGEMENT - SHIPYARD INTERCO Shipyard WS

PO Box 153, Doha - Qatar

INVOICE NO: SFWK/INV/013072/2021

DATE: 29/11/2021

EXPENSE A/C: 85.901.1434006

W/O NO: 21-011248 / 1

W/O REF: MLO21202

Vessel Name/Description : M.V HALUL-101

Job No Description Line Amount

1800 FABRICATION OF SEA WATER INJECTION BOX:-

28,000.00

2 INJECTION BOX FABRICATE WITH REUSED (Only existing SS flange reuse 4 no. and Ss collar ring Two no. reuse.) (All Material S.S ,plate, round bar, and nut bolt) One in no. sea water injection box overall size 1115mm long x 460mm Renewal as follows.

Using 316L materials.

Injection box setup on jig and fixed.Injection box centra box piece cut removed, and new section fabricated and welded to overall size 510mm long x844mm x 3mm thickness -2 No. 2 No. flange fabricated, fitted and welded to size 602mm x 460mm x 6mm thickness provided with 12mm dia. drillholes at 40mm space.2 No. box cover plate fabricated to size 602mm x 460mm x 5mm thickness provided with 12mm dia. drill holes at40mm space.

Injection box's reducer section new fabricated and welded to overall size 410mm dia. x 270mm long x 3mmthickness -2 Nos. Injection box Jacket area Top section removed dia 410mm x 135 mm long x 3mm thickness and same size newfabricated and welded to reducer section -2 Nos.

Jacket Inner and outer section connecting Ring OD 405 x ID 324 \times 06 mm thickness.-

2 Nos.Injection box Jacket area pipe which is weld to the collar flange Dia $324\text{mm} \times 200$ mm long x 5mm thick - 2No.324mm x 130 mm long x 2mm thick - 2Nos.New slant pipe dia. 324x 2mm thik. fabricate and fitted.= 02 Nos.

New flap $540 \times 325 \times 02$ mm thick= 02Nos.Stainless steel Bolt nut. M 10 X 25mm long - 96 nos.

Stainless steel washer, M 10 - 96 nos.injection box collar ring fabrication from 25 mm thickness SS Plate Od -385mm ,ID-312 mm (Fabricate by Machine shop) = 02 After fabrication of Sea water injection boxes hydro Pressure test done on 2 bar

pressure and report issued.

E & O.E

for QATAR NAVIGATION (Q.S.C)

SHIP REPAIR, FABRICATION & ENGINEERING DIVISION

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Encls :-

Copy of our Quotation No. EM 15863 by E-Mail dated 08-09-2021 .

Copy of your E mail dated 09-09-2021.

Copy of signed work completed report.

Copy of signed work delivery note.

Invoice Amount -->

28,000.00

(QAR - Twenty-Eight Thousand Only)

E & O.E

for QATAR NAVIGATION (Q.S.C)
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