# QATAR NAVIGATION (QPSC)

### SHIP REPAIR & FABRICATION

Telephones

Office: 4771690 / 4771695

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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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WOQOD MARINE SERVICES CO.

Doha Doha QA

INVOICE NO: SFWK/INV/013061/2021

DATE: 20/11/2021

EXPENSE A/C:

W/O NO: 21-011278 / 1 W/O REF: MLO 21226

Vessel Name/Description : M.V. "POLARIS OCEAN"

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Job No	Description	Line Amount
1800	FABRICATION OF FLANGES:-	2,690.00
	Following MS flanges and pipes fabricated. Suction pipe side flange size 480mmOD x 300mm ID x 24mm thickness provided with 16 Nos. x 29mm dia. Drill holes at 430mm PCD - 1 No.  New pump side flange size 480mmOD x 300mm ID x 24mm thickness provided with 16 Nos. x 29mm dia. Drill holes at 420mm PCD - 1 No.  Spacer pipe for suction pipe size 325mm OD x 5mm thickness x 300mm long - 2 Nos.  Pipe and flanges collected by Client on completion dated 14-10-2021.  As per our quotation No. EM 15995, item No. 1.	
1801	FABRICATION OF FOUNDATION PLATE:-	935.00
	Ms plate foundation fabricated, size $545\mathrm{mm}$ x $140\mathrm{mm}$ x $45\mathrm{mm}$ thickness provided with 2 Nos. slot holes size $30\mathrm{mm}$ x $130\mathrm{mm}$ long at PCD $480\mathrm{mm}$ Work done, offer to client and found satisfactory.	
	As per our quotation No. EM 16006 Revised, item No.2. (QRs. 1,100.00 less 15% discount = QRs. 935.00).	
6000	FABRICATION OF PIPES AND FLANGES:-	4,114.00

E & O.E

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4 Nos flanges cut as follows.

Following flanges and pipes fabricated using ms materials. Spacer size 10" dia., sch 80 ms pipe x 175mm long - 2 Nos.

1 ) Flange size 435mm OD x 25mm thickness provided with 22mm

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Vessel Name/Description : M.V. "POLARIS OCEAN"

Job No Description

Line Amount

dia. x 16 nos. drill holes at 390 PCD - 1 No. 2 ) Flange size 435mm Od x 25mm thickness provided with 30mm dia. x 16 nos. drill holes at 430 PCD -1 No. Flanges size each 480mm OD x 25mm thickness provided with 30mm dia. x 16 nos. drill holes at 420 PCD - 2 Nos.

As per our quotation No. EM 16006 Revised, item No.3. (QRs. 4,840.00 less 15% discount = QRs. 4,114.00).

9100 SERVICE OF LAZER ALIGNMENT TECHNICIAN AND WELDER:-

21,568.00

Services of lazer alignment technician along with Lazer alignment tool and services of Welder, fabricator provided to work under direct supervision of client representative for carrying out for pump alignment and spacer instalation and welding as per signed day work sheets dated from 24-10-2021 to 27-10-2021.

A) MANPOWER:-

A.1) Lazer alignment technician, Fabricator, Welder, Pipe Fitter:-

Normal time: QRs. 90.00 per hour x 72 hours = QRs. 6,480.00. Overtime (up to 2000 hours) :- QRs. 90.00 per hour x 40 hours x 1.25 = QRs. 4,500.00.

Overtime (After 2000 hours) :- QRs. 90.00 per hour x 76 hours x 1.5 = QRs. 10,260.00.

- B) Alignment tool:- QRs. 100.00.
- C) Transportation: -450.00 per trip x 2 trips = QRs. 900.00.
- C) Fabrication and suppply of materials:- (QRs. 3,134.00).

Following materials fabricated and supplied during alignment. M.S plate size  $545 \, \text{mm} \times 140 \, \text{mm} \times 30 \, \text{mm}$  thickness provided with

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INVOICE NO: SFWK/INV/013061/2021

DATE: 20/11/2021

EXPENSE A/C:

W/O NO: 21-011278 / 1 W/O REF: MLO 21226

Vessel Name/Description : M.V. "POLARIS OCEAN"

Job No Description

Line Amount

slot hole size  $30mm \times 130mm \log - 2 Nos.$ 

M.S plate size  $545\text{mm} \times 140\text{mm} \times 8\text{mm}$  thickness provided with slot hole size  $30\text{mm} \times 130\text{mm}$  long - 2 Nos.

Jack plate size 80mm x 80mm x 12mm thickness provided with 19mm

dia. hole - 8 Nos.

C.S pipe size 10" dia. x 200mm long provided with profile cut - 1 No.

SS shim (1mm to 3mm thickness) size 140mm x 110mm - 12 Nos. Stainless steel bolt size M16 x 80mm long - 8 Nos.

Based on our quotation No. EM 16006 Revised, item No.1. (QRs. 25,374.00 less 15% Discount = QRs. 21,568.00).

#### Encls:-

- Copy of our quotation No. EM 15995 dated 10-10-2021.
- Copy of your E mail dated 11-10-2021.
- Copy of our quotation No.EM 16006 dated 19-10-2021.
- Copy of your E mail dated19-10-2021.
- Copy of signed day work sheets for Job No. 9100 (5 Sheets)
- Copy of signed delivery Note for Job No. 9100
- Copy of work completed reports.

Invoice Amount -->

29,307.00

(QAR - Twenty-Nine Thousand Three Hundred Seven Only)

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