

## QATAR NAVIGATION (QPSC)

## SHIP REPAIR &amp; FABRICATION

## Telephones

Office : 4771690 / 4771695

Fax : 4771687



## INVOICE

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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100936

QATAR STEEL CO.LTD.

Doha, Qatar DOHA QA 50090

INVOICE NO: SFWK/INV/012828/2021

DATE: 28/06/2021

EXPENSE A/C:

W/O NO: 21-011047 / 2

W/O REF: NMO21023

Vessel Name/Description : PUMP OVERHAULING

Job No	Description	Line Amount
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1400	PUMP OVERHAULING :-	10,507.44
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Work Order No : UTM/PUMP/21/01 &amp; UTM/PUMP/21/01A

Work on pump (contract Item Sr. No. 56, Location : DR2,  
 Equipment Name : SCALE PIT PUMP A (01PC04 A),  
 Make : TURO ITALIA, Model : T9-200 HN, Size : 75 K.W., Capacity  
 : 500 cubic metres / hour)

Removed pump from location and shifted Qatar Steel to Milaha workshop. Dismantle pump, clean component and calibrate. Send initial report to client. Carry out grit blast pump external and apply primer coating. Rectify shaft at seal area cutting damage. Fabricated a new sleeve. Apply internal ceramic coating. Carry out shaft impeller dynamic blanching. Assemble back pump with client supply new bearing, new bearing cover seal and new mechanical seal. Apply grease into bearing housing. Apply final coating. Send final report to client. Pump shifted to Qatar Steel refitted back with new gaskets. Performed leaser alignment of pump. Test pump with client satisfactory.

Invoice Amount --&gt; 10,507.44

(QAR - Ten Thousand Five Hundred Seven And 44/100 Only)

E &amp; O.E

for QATAR NAVIGATION (Q.S.C)

SHIP REPAIR, FABRICATION &amp; ENGINEERING DIVISION

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QATAR STEEL CO.LTD.

Doha, Qatar DOHA QA 50090

INVOICE NO: SFWK/INV/012829/2021

DATE: 28/06/2021

EXPENSE A/C:

W/O NO: 21-011047 / 3

W/O REF: NMO21023

Vessel Name/Description : PUMP OVERHAULING

Job No	Description	Line Amount
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1401 PUMP OVRHAULING :-

6,896.70

Work Order No: UTM/PUMP/21/02

Work on pump (contract Item Sr. No. 75, Location : EF/CC 5,  
 Equipment Name : CC5 MOULD SUPPLY PUMP #  
 1 (LC2 P01), Make : TORISHIMA, Model : CDM300X250EN, Size : 22  
 K.W., Capacity : 560 cubic metres / hour)  
 Remove pump from location and shifted Qatar Steel to Milaha  
 workshop. Dismantle pump, clean component and  
 calibrate. Send initial report to client. Carry out grit blast  
 pump casing external and apply primer coating. Carry  
 out shaft impeller dynamic blanching. Assemble back pump with  
 client supply new bearing and new mechanical  
 seal, new oil seal and new O-ring. Apply final coating. Send  
 final inspection report to client. Pump shifted to Qatar  
 Steel refitted back with new gaskets. Filled grease into  
 bearing housing. Performed laser alignment of pump.  
 Test pump with client satisfactory.

Invoice Amount --&gt;

6,896.70

(QAR - Six Thousand Eight Hundred Ninety-Six And 70/100 Only)

E &amp; O.E

for QATAR NAVIGATION (Q.S.C)

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QATAR STEEL CO.LTD.

Doha, Qatar DOHA QA 50090

INVOICE NO: SFWK/INV/012830/2021

DATE: 28/06/2021

EXPENSE A/C:

W/O NO: 21-011047 / 4

W/O REF: NMO21023

Vessel Name/Description : PUMP OVERHAULING

Job No	Description	Line Amount
1402	PUMP OVERHAULING :-	6,580.38

Work Order No:- UTM/PUMP/21/03 &amp; UTM/PUMP/21/03A

Work on pump (contract Item Sr. No. 2, Location : CAS,  
 Equipment Name : AS COOLING WATER PUMP # 2  
 Make : INGERSOLL - DRESSER, Model : 125WPG400, Size : 350 K.W.,  
 Capacity : 150 cubic metres / hour) .  
 Remove pump from location and shifted Qatar Steel to Milaha  
 workshop. Dismantle pump, clean component and  
 calibrate. Send initial report to client. Carry out grit blast  
 pump external and apply primer coating. Fabricated a  
 threaded sleeve and rectify ovality of pump's impeller ID.  
 Fabricated a new wearing and rectify ovality of pump's  
 mouth ring. Carry out shaft impeller dynamic blanching.  
 Assemble back pump with client supply new bearing,  
 new bearing cover seal and new mechanical seal. Apply grease  
 into bearing housing. Apply final coating. Pump  
 shifted to Qatar Steel refitted back with new gaskets.  
 Performed leaser alignment of pump. Test pump with client  
 satisfactory.

Invoice Amount --&gt; 6,580.38

(QAR - Six Thousand Five Hundred Eighty And 38/100 Only)

E &amp; O.E

for QATAR NAVIGATION (Q.S.C)

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QATAR STEEL CO.LTD.

Doha, Qatar DOHA QA 50090

INVOICE NO: SFWK/INV/012831/2021

DATE: 28/06/2021

EXPENSE A/C:

W/O NO: 21-011047 / 5

W/O REF: NMO21023

Vessel Name/Description : PUMP OVERHAULING

Job No	Description	Line Amount
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1403	PUMP OVERHAULING :-	9,560.52
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Work Order No : UTM/PUMP/21/04 &amp; UTM/PUMP/21/04A

Work on pump (contract Item Sr. No. 45, Location : RM2,  
Equipment Name : DCW SUPPLY PUMP E (03PC08  
E)), Make : FABRICCA ITALIANA POMPE, Model : ALFA-150-40, Size  
: 75 K.W., Capacity : 350 cubic metres /  
hour)

Remove pump from location and shifted Qatar Steel to Milaha  
workshop. Dismantle pump, clean component and  
calibrate. Send initial report to client. Carry out grit blast  
pump external and apply primer coating. Fabricated a  
bearing cover and replace. Fabricated a new wearing and rectify  
ovality of pump's mouth ring. Carry out shaft  
impeller dynamic blanching. Assemble back pump with client  
supply new bearing, new bearing cover seal and  
new mechanical seal. Apply grease into bearing housing. Apply  
final coating. Send final report to client. Pump  
shifted to Qatar Steel refitted back with new gaskets.  
Performed laser alignment of pump. Test pump with client  
satisfactory.

Invoice Amount --&gt; 9,560.52

(QAR - Nine Thousand Five Hundred Sixty And 52/100 Only)

E &amp; O.E

for QATAR NAVIGATION (Q.S.C)

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QATAR STEEL CO.LTD.

Doha, Qatar DOHA QA 50090

INVOICE NO: SFWK/INV/012832/2021

DATE: 28/06/2021

EXPENSE A/C:

W/O NO: 21-011047 / 6

W/O REF: NMO21023

Vessel Name/Description : PUMP OVERHAULING

Job No	Description	Line Amount
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1406	PUMP OVERHAULING :-	6,172.11
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Work Order No:- UTM/PUMP/21/07

Work on pump (contract Item Sr. No. 80, Location : EF/CC 5,

Equipment Name : CC5 FILTER FEED PUMP # 1

(LC4 P05), Make : TORISHIMA, Model : CPC150-40C, Size : 75

K.W., Capacity : 290 cubic metres / hour)

Remove pump from location and shifted Qatar Steel to Milaha

workshop. Dismantle pump, clean component and

calibrate. Send initial report to client. Carry out grit blast

bearing casing external and apply primer coating.

Replace new wearing and rectify ovality of pump's mouth ring.

Carry out shaft impeller dynamic blanching.

Assemble back pump with client supply new bearing and new

mechanical seal. Apply final coating. Pump shifted

to Qatar Steel refitted back with new gaskets. Filled oil into

bearing housing. Performed laser alignment of

pump. Test pump with client satisfactory.

Invoice Amount --&gt;

6,172.11

(QAR - Six Thousand One Hundred Seventy-Two And 11/100 Only)

E &amp; O.E

for QATAR NAVIGATION (Q.S.C)

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QATAR STEEL CO.LTD.

Doha, Qatar DOHA QA 50090

INVOICE NO: SFWK/INV/012833/2021

DATE: 28/06/2021

EXPENSE A/C:

W/O NO: 21-011047 / 7

W/O REF: NMO21023

Vessel Name/Description : PUMP OVERHAULING

Job No	Description	Line Amount
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1404	PUMP OVERHAULING :-	7,666.70
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Work Order no: UTM/PUMP/21/05 &amp; UTM/PUMP/21/05A

Work on pump (contract Item Sr. No. 76, Location : EF/CC 5,  
 Equipment Name : CC5 MOULD SUPPLY PUMP # 2 (LC2 P02), Make :  
 TORISHIMA, Model : CDM300X250EN, Size : 22 K.W., Capacity : 560  
 cubic metres / hour.

ADDITIONAL WORKS FOR PUMP SL NO. PUMP # 76 (EF/CC 5, EQUIPMENT  
 NAME : CC5 MOULD SUPPLY PUMP # 2 (LC2 P02))

Seal area repair by welding and machining  
 SS material  
 2 place  
 Dia : 62mm OD mm  
 No. of item : 1 places

Invoice Amount --&gt; 7,666.70

(QAR - Seven Thousand Six Hundred Sixty-Six And 70/100 Only)

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