

## 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

Page: 1 / 1

100936

QATAR STEEL CO.LTD.

Doha, Qatar DOHA QA 50090

INVOICE NO: SFWK/INV/012668/2021

DATE: 30/03/2021

EXPENSE A/C:

W/O NO: 20-010629 / 1

W/O REF: NMO20002

Vessel Name/Description : DR PLANT 1 SHUTDOWN -QATAR STEEL

Job No	Description	Line Amount
	Contract ref: 260636/23	
6000	OPENING AND CLOSING ACTIVITIES:- Group 6 A; Carried out opening/closing activities during DR Plant 1 shut down.	54,541.00
6001	OPENING & CLOSING OF DOGLEG BLIND FLANGES:- Group 6 B - Opening and closing activities during DR 1 shut down.	26,551.00
	Note:- Payment within 30 days net after that 1% interest shall be applied every month.	
	Encl:- Copy of Work completion reports.	

Invoice Amount --&gt;

81,092.00

(QAR - Eighty-One Thousand Ninety-Two Only)

E &amp; O.E

for QATAR NAVIGATION (Q.S.C)

SHIP REPAIR, FABRICATION &amp; ENGINEERING DIVISION

This is a computer generated invoice and no signature/stamp required.

Any discrepancy on this document should be notified to us within 3 working days from the receipt of the document.

MILAHA

## SHIP REPAIRING AND FABRICATION DIVISION - WORK COMPLETED REPORT

SF-DT-016

PROJECT NAME : QATAR STEEL-10629  
WORK ORDER NO. NMO 20002/20-010629  
CLIENT : QATAR STEEL

Date Work Commenced : 01/01/2020

Date Work Completed :

JOB NO.

DESCRIPTION OF WORK CARRIED OUT

6001-10629 Opening and Closing Activities during DR Plant#1 Shutdown

Group 6B - Opening and closing of 220 numbers of dogleg blind flanges

-Opened of the doglegs blind flanges (Total 220 numbers) as shown on drawing#0-1307.

-Received the gaskets, bolts and nut from Qatar Steel.

-Proper cleaned of all flanges and sealing surfaces by using cleaning surface machines before performing of any closing activities.

-Assembled the new gaskets and tightening of all bolts properly by torque range with three steps.

-Attended the plant water and gas leak tests to rectify any comment that may be observed in the job executed by his staff.

-Cleaning and clearing the work area from residuals and old spares after work completion.

-Hot bolting activities carried out once plant start up and plant stabilization.

PROJECT MANAGER:

SUPERVISOR / FOREMAN:

OWNER'S  
REPRESENTATIVE:

SIGNATURE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

NAME : Horia Gabriel  
Berbecaru

NAME : Aziz Ahmed

NAME : Surendran

DATE : 25-02-2021

DATE : 25-02-2021

DATE : 10/03/2021

Revision 2.0

Issue Date 10/03/2019

This copy is uncontrolled and authorized.

MILAHA

## SHIP REPAIRING AND FABRICATION DIVISION - WORK COMPLETED REPORT

SF-DT-016

PROJECT NAME : QATAR STEEL-10629

Date Work Commenced : 01/01/2020

WORK ORDER NO. NMO 20002/20-010629

Date Work Completed :

CLIENT : QATAR STEEL

JOB NO.

## DESCRIPTION OF WORK CARRIED OUT

6000-10629 Opening and Closing Activities during DR Plant#1 Shutdown

Group #6 A. Dismantling and assembling of main burners' fuel lines:

- The work completed including dismantling of 88 sets of compression couplings size 2", and removing of 44 sets of 2" size pipeline assemblies, which are connected to the main burners from one end and to the top gas fuel headers from the other end by the said compression couplings, as shown on drawing # PF-02-G.
- completed of pipeline assembly each having 1340 mm length and consists of three pieces having 2" diameter; orifice plate with flanges and butterfly valve in between.
- completed of the work of 132 sets of compression couplings size 3", and removing of 66 sets of 3" size pipeline assemblies connected to the main burners from one end and to the top gas fuel headers from the other end by the said compression couplings, as shown on drawing # PF-02-H-R1.
- Each pipeline assembly is having 1044 mm length, and consists of three pieces having 3" diameter, two flanges size 3" which are assembled, one orifice plate and 3" butterfly valve in between, in addition to bolts and gaskets.
- After completed removal of the above said pipelines transferred to cleaning area for cleaning.
- After finishing cleaning, the lines, the party assembled again the three parts of the lines outside with the orifice and the butterfly valves.
- Compression couplings cleaned and reused (only rubber rings and special gasket replaced with new and will be provided by Qatar steel).
- Installed the assembled lines which pre-assemble outside with the two couplings on the line.
- Assembled the new gaskets and tightening of all bolts properly.
- Placed back burners by manually lifting back to position and tightening of bolts and nuts to closed back the openings.
- Attended the plant water and gas leak tests to rectify any comment that may be observed in the job executed by his staff.
- Hot bolting activities to be carried out once plant start up and plant stabilization.

PROJECT MANAGER :

SUPERVISOR / FOREMAN :

OWNER'S  
REPRESENTATIVE

SIGNATURE :

SIGNATURE :

SIGNATURE :

NAME : Horia Gabriel

NAME : Aziz Ahmed

NAME :

DATE : 25-02-2021

DATE : 25-02-2021

DATE :

Revision 2.0

Issue Date 10/03/2019

This copy is uncontrolled and authorized.



**Contract for Opening & Closing Activities during DR Plant no. 1 Shutdowns**  
**Contract Period : 3 Years (During the Year 2020, 2021 & 2022)**  
**Contract No. 260636/23**

**Appendix - 2**

**As per Article 5 of the Contract,** Qatar Steel Company shall pay the Contractor for the Services as follows :

S.no	Job Description	Cost per One Time -(C1)	Total Cost for Three Times -(C1 x 3)
1	<b>Group # 6A:</b> (only required during First Shutdown of the Year 2021, 2022 and 2023) •Dismantling and assembling of main burners' fuel lines	Lump Sum QAR 54,541.00	Lump Sum QAR 163,622.00

S.no	Job Description	Cost per One Time --(C2)	Total Cost for Four Times --(C2 x 4)
2	<b>Group # 6B:</b> (only required during Second Shutdown of Year 2020, 2021 and 2022 + Any First Shutdown of the Year 2021 or 2022 or 2023) •Opening and closing of 220 numbers of dogleg blind flanges	Lump Sum QAR 26,551.00	Lump Sum QAR 106,205.00

- ❖ The above Rates shall remain Fixed and Firm for the entire duration of the Contract under all circumstances.

**Estimation of Contract Value**

The value of the Contract for a period of 3 years is estimated at **QAR 269,827.00**. Notwithstanding anything to the contrary, the Contract amount indicated herein (for internal budgetary controls) is only an estimate and Qatar Steel shall not be liable in any way nor shall be bound legally, if the actual value of the Contract is less than or more than the estimated amount.

\*\*\*\*\*

Initialed by Qatar Steel

Page No. 30

Initialed by Contractor

