QATAR NAVIGATION (QPSC)

SHIP REPAIR & FABRICATION

Telephones

Office: 4771690 / 4771695

: 4771687 Fax



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

DRAFT INVOICE

Page: 1 / 2

100936

QATAR STEEL CO.LTD.

Doha, Qatar DOHA OA 50090 INVOICE NO : SFWK-DMY-008120

> DATE : 15/06/2021

W/O Number : 21-011047

W/O Ref : NMO21023

EXPENSE A/C:

Vessel Name/Description: PUMP OVERHAULING

Job No Description Line Amount

1402 PUMP OVERHAULING :-

satisfactory.

6,580.38

Work Order No: - UTM/PUMP/21/03 & 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

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DRAFT INVOICE

Page: 2 / 2

100936

QATAR STEEL CO.LTD.

Doha, Qatar DOHA QA 50090

INVOICE NO : SFWK-DMY-008120

DATE : 15/06/2021

W/O Number : 21-011047

> W/O Ref : NMO21023

EXPENSE A/C :

Vessel Name/Description: PUMP OVERHAULING

Job No Description Line Amount

6,580.38 Invoice Amount -->

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

MILAHA

SHIP REPAIRING AND FABRICATION DIVISION - WORK COMPLETED REPORT

SF-DT-016

PROJECT NAME: QATAR STEEL PUMPS-11047

Date Work Commenced: 10/02/2021

WORK ORDER NO. NMO 21023/21-011047

CLIENT : QATAR STEEL

Date Work Completed: 19/05/2021

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Page 1 of 1

1402-11047 WORK ORDER NO. UTM/PUMP/21/03:-

OVERHAULING TESTING OF CENTRIFUGAL PUMPS IN QATAR STEEL PLANT:-

WORK ORDER NO. UTM/PUMP/21/03 AND UTM/PUMP/21/03 A:-

-Work on pump (contract Item Sr. No. 2, Location: CAS, Equipment Name: AS COOLING WATER PUMP # 2 Make: INGERSOLL - DRESSER, Model: 125WPG400, Size: 35 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 for maintain clearance of pump's impeller ID. Fabricated a new wearing for maintain clearance of pump's mouth ring. Carry out shaft impeller dynamic blanching. Assemble back pump with client supply new bearing, new oil 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.

PROJECT MANAGER SUPERVISOR / FOREMAN: OWNER'S REPRESENTATIVE: SIGNATURE: SIGNATURE: NAME : Horia NAME NAME Shahen DATE : DATE: 12/06/2021 12/06/2021 DATE:

Revision 2.0

Issue Date 10/03/2019

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BPA No. :	264.	264369723	Contract	Contract Reference :	10-01	TC-016/23/2020	Cautra	Cantract Period :	3 Year	ias.
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Designation		Plant St	Plaint Supervisor		Head of Section					
Signature			15.		Leni					
Date		5-2-21	ž.		10-02-2021					
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