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-008118

> 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

1400 PUMP OVERHAULING :- 10,507.44

Work Order No : UTM/PUMP/21/01 & 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.

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EXPENSE A/C :

Vessel Name/Description: PUMP OVERHAULING

Job No Description Line Amount

10,507.44 Invoice Amount -->

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

Date Work Completed: 05/04/2021

CLIENT: QATAR STEEL

Page 1 of 1

1400-11047 WORK ORDER NO. UTM/PUMP/21/01:-

OVERHAULING TESTING OF CENTRIFUGAL PUMPS IN QATAR STEEL PLANT:-

A) WORK ORDER NO. UTM/PUMP/21/01 AND UTM/PUMP/21/01 A:-

-Work on pump (contract Item Sr. No. 56, Location : RM 2, Equipment Name : SCALE PIT PUMP A (01PC04 A), Make : TURO ITALIA, Model : T9-200 HN, Size : 75 K.W., Capacity : 500 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. 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 oil 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.

PROJECT MANAGER SIGNATURE:

SUPERVISOR / FOREMAN:

Shahen

NAME

SIGNATURE:

NAME

NAME DATE: : Horia

12/06/2021

DATE:

12/06/2021

DATE:

SIGNATURE :

OWNER'S

REPRESENTATIVE:

Revision 2.0

Issue Date 10/03/2019

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	ą.	Worl	Order to M/s Q	Work Order to Mis Qatar Navigation, for Overhauling & Testing of Centrifugal Pumps	for Overbaulin	g & Testing of Co	ntrifugal	Pemps		
HPA No. :	\$97	264369/23	Contract	Contract Reference :	TC-0K	TC-016/23/2029	Con	Contract Perfod:	3 Year	121
Description of the Work:	he Work :	Dismanting, Over	hauling, Assenthing	Dismunting, Overhauling, Assembling & Testing of Centritigal Purag	igal Purag	Section :	UTM	Wark Order Na. :	UTMPUMRP21/01	(P/21/01
Branch Dan and rack	***************************************	Pump S.No.	SERVICE CONTRACTOR OF THE PROPERTY OF THE PROP	Pamp Name	Name		-		Start Date	End Date
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	weguested by	Approved by	M/s Qutar Navigation
Mame	Mr. Arif Siddiqui	Mr. Jubair Ahmed	
Designation	Plant Supervisor	Head of Sertion	
ราเกตเกรีย	2 photographs	J. Selenis	
Date	8-2-23	16.02.2021	

Note to Contractor :-

M/s Qarar Navigation shall anachest the copy of this WO along with the Invoice.

(a				71				_		Contract of the last	a topopene	-	A STATE OF THE PARTY OF	all Miles	-	7	-
			3 Year		UTM/PUMP/21/01-A	End Date	10 Mar 21	12-IVIAI-61			Total Cost	(QAR)			3.36		
			3 }		UTM/PUN	Start Date	17-Mar-21	17-INIA1-11			Total	Ž)			3,073.36		edged By
		l Pumps	Contract Period:		Work Order No.:		Overhauling Schedule:			Additional Work Cost (QAR)		As per Contract APPENDIX - 1 /	Scope of Work & Supply /	Ciause # 5.0 (Additional 100s)	00.099		Acknowledged By
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	DEPARTMENT	g & Testing of C	TC-016/23/2020		Section:		(A)			"SHAFT SLEEVE" Fabrication Cost (QAR)	06	130	Stainless Steel	Without Material	914.71		
OATAR STEEL	ENGINEERING	for Overhauling	TC-016		ngal Pump	Pump Name	UMP A (01PC04			"SHAFT SLEEVE	Size (OD) - (mm)	Length - (mm)	Material	✓ With Material			Approved By
O	MAINTENANCE & ENGINEERING DEPARTMENT	Work Order to M/s Qatar Navigation for Overhauling & Testing of Centrifugal Pumps	tract Reference:	E	Dismanting, Overnauling, Assembling & Testing of Centrifugal Pump	Pump	RM 2 - SCALE PIT PUMP A (01PC04 A)		Contract Rates	"SHAFT" Fabrication Cost (QAR)				Without Material	0.00		
	MA	Corder to M/s Q	Contract	houling Assembli	nauling, Assembling		RN			"SHAFT" F:	Size (OD) - (mm)	Length - (mm)	Material	With Material			Requested By
		Work	264369/23	Diemontling Out	Dismantling, Over	Pump S.No.	56			Rebuilding &	Normal Pitting /	Corrosion /	Erosion)	(YAK)	1,498.65		Redue
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	ed with		BPA No.:	Description of the Work	Describnon of the	Pumo Description :	and the same of the same of				Dismanting & Report	Submission Cost	(QAR)		0.00		
								-								_	

	Requested By	Approved By	Acknowledged By M/s Oatar Navigation
Name	Mr. Arif Siddiqui	Mr. Jubair Ahmed	D.
Designation	Plant Supervisor	Head of Section	
Signature	Degree	Jesturio	
Date	16-3-21	16.03.2021	

Note to Contractor :-

M/s Qatar Navigation shall attached the copy of this WO along with the Invoice.