QATAR NAVIGATION (QPSC)

SHIP REPAIR & FABRICATION

Telephones
Office : 4771690 / 4771695
Fax : 4771687

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

2015949
INDUS MARINE SERVICES
28299,Office 508, Maxhome Business center,
Muroor Road Abu Dhabi AE

INVOICE NO : SFWK-DMY-008227
DATE : 27/08/2021
W/O Number : 21-011216
W/O Ref : MLO21176
EXPENSE A/C :

Vessel Name/Description: M.V "INDUS BRIZO"

Job No	Description	Line Amount
	IND-MRE210013	
7000	ALTERNATOR OVERHAULING AT SHIPYARD:-	14,210.00
	Alternator opened at yard work shop,cleaned, revarnished and baked in oven. Alternator reassembled using your supplied bearings and tested. Carried out dynamic balancing of alternator rotor - 1 no Resleeving of alternator NDE cover carried by machinist. Transportation of alternator (To and fro from shipyard) As per our quotation EM 15928 B, item No 2	
9100	SERVICE OF MANPOWER PROVIDED AT RASLAFFAN:-	18,155.00
	Date: 09.08.2021 Service engineer x 1 day =QRs 1,450.00 Mechanic 1 no x 1 day =QRs 945.00 Electrician 1 no x 1day =QRs 945.00 Welder 1 no x 1 day = QRs 945.00 Riggers 1 no x 1 day =QRs 840.00 Transportation x 1 time =QRs 350.00	
	Date: 31.07.2021 Service engineer x 1 day =QRs 1,450.00 Mechanic 1 no x 1 day =QRs 945.00 Transportation x 1 time =QRs 350.00 Additional Overtime charges for service engineer and mechanic = QRs 1,750.00	
	Date:29.07.2021	

for **QATAR NAVIGATION (Q.S.C)**
SHIP REPAIR, FABRICATION & ENGINEERING DIVISION

E & O.E

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Vessel Name/Description: M.V "INDUS BRIZO"

Job No	Description	Line Amount
	Mechanic -1 no x 1day =QRs 945.00 Electrcian -1 no x 1day = QRs 945.00 Rigger - 1 no x 1day = QRs 840.00 Transportation: QRs 350.00 Date:28.07.2021 Mechanic -1 no x 1day =QRs 945.00 Electrcian -1 no x 1day = QRs 945.00 Rigger - 1 no x 1day = QRs 840.00 Transportation: QRs 350.00 Overtime charges :- QRs 2025.00	
9101	SWAB TEST CHARGES :-	4,500.00
	Swab test x 15 nos	
	Note:-	
	Payment on the receipt of invoice	

Invoice Amount --> 36,865.00

for **QATAR NAVIGATION (Q.S.C)**
SHIP REPAIR, FABRICATION & ENGINEERING DIVISION

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Job No	Description	Line Amount
	Invoice Amount -->	36,865.00

QAR - Thirty-Six Thousand Eight Hundred Sixty-Five Only)

for **QATAR NAVIGATION (Q.S.C)**
SHIP REPAIR, FABRICATION & ENGINEERING DIVISION

E & O.E

Name of vessel/client:	INDUS BRIZO
Job order:	
Date:	29/07/2021

21-011216
MLO 21176 /

DATE	NAME	DESIGNATION	NORMAL TIME			OVERTIME			ALLOCATION/REMARKS
			FROM	TO	TOTAL	FROM	TO	TOTAL	
29/07/2021	P.Tiwari	Mech	9:00 am.	2:00 PM	5				7:00am To 9:00 am travelling
29/07/2021	Jagdish	Rigger	9:00 am.	2:00 PM	5				
29/07/2021	Shivakumar	Elec	9:00 am.	2:00 PM	5				

MILAH SHIPYARD Name: JAYASANKAR Signature:	VESSEL/CLIENT; Name: UTAP TRILAH YO UTOMO Signature: Date: 29.07.2021

Indus Brizo indus

Name of vessel/client:	INDUS MARINE
Job order:	MLO21176/21-01216-9100
Date:	31/07/2021

DATE	NAME	DESIGNATION	NORMAL TIME			OVERTIME			ALLOCATION/RE
			FROM	TO	TOTAL	FROM	TO	TOTAL	
31/07/21	Shahen Miah	S.Engr	0600	1300	7				Traveling and
31/07/21	Vishnu	Mechanical	0600	1300	7				waiting
31/07/21	Shahen Miah	S.Engr	1300	1900	6				work on DG
31/07/21	Vishnu	Mechanical	1300	1900	6				no: 2
31/07/21	Shahen Miah	S.Engr	1900	2100	2				Traveling
31/07/21	Vishnu	Mechanical	1900	2100	2				Traveling

MILAHA SHIP YARD Name: Shahen Miah Signature : Shahen Date 31/07/2021	VESSEL: INDUS BRIZO Name: WAWAN SETIAWAN Signature: Date: 31-07-2021

Indus Brizo indus Singapore IMO: 9327278

Name of vessel/client:	INDUS BRIZO
Job order:	
Date:	28/07/2021

MLO 21176 / 21-011216

DATE	NAME	DESIGNATION	NORMAL TIME			OVERTIME			ALLOCATION/REMARKS
			FROM	TO	TOTAL	FROM	TO	TOTAL	6.00am 9.30PM
28/07/2021	P.TIWARI	Mech	9.00am	7:30 PM	10.5	7:30	9:30pm	94 hour	2 hours morning time travel
28/07/2021	Jagdish	Rigger	9.00am	7:30 PM	10.5	7.30pm	9:30pm	14 hour	evening - 2 hours travelling
28/07/2021	Shivakumar	Elec	9.00am	7:30 PM	10.5	7.30 am	9:30	14 hour	1 hour waiting gate pass

MILAH SHIPYARD Name: JAYASANKAR Signature:	VESSEL/CLIENT; Name: INAWAN.S Signature: Date: 29/07/2021.

INDUS BRIZO indus

Name of vessel/client:	INDUS MARINE
Job order:	
Date:	09/08/2021

DATE	NAME	DESIGNATION	NORMAL TIME			OVERTIME			ALLOCATION/RE
			FROM	TO	TOTAL	FROM	TO	TOTAL	
09/08/2021	Shaheen	S. Engineer	0600	2130	15.5 hrs				DG install and run with E/E satisfactory
"	Vishnu	Mechanical							
"	Shiva	Electrical							
"	Shak Mohammed	Welder							
"	Jagdish	Rigger							
									* Travelling time include.

MILAHA SHIP YARD Name: Shaheen Mlak Signature: Shaheen Date 09/08/2021	VESSEL: INDUS BRIZO Name: VILLY TRICAHYO UTOMO. Signature: Date: 09.08.2021.

Indus Brizo indus Kingstown IMO: 9227279

Name of vessel/client:	INDUS MARINE
Job order:	ML021176/21-01216-9100
Date:	31/07/2021

DATE	NAME	DESIGNATION	NORMAL TIME			OVERTIME			ALLOCATION/RI
			FROM	TO	TOTAL	FROM	TO	TOTAL	
31/07/21	Shaheen Miah	S.Engr	0600	1300	7				Traveling and wa
31/07/21	Vishnu	Mechanical	0600	1300	7				waiting
31/07/21	Shaheen Miah	S.Engr	1300	1900	6				work on DG
31/07/21	Vishnu	Mechanical	1300	1900	6				no: 2
31/07/21	Shaheen Miah	S.Engr	1900	2100	2				Traveling
31/07/21	Vishnu	Mechanical	1900	2100	2				Traveling

MILAHA SHIP YARD Name: Shaheen Miah Signature : Shaheen Date 31/07/2021	VESSEL: INDUS BRIZO Name: WAWAN SETIAWAN Signature: Date: 31-07-2021

INDUS BRIZO indus Singapore IMO:9327279

MILAHA

DAY WORK SHEET FOR VESSEL/CLIENT

SF-DT-095

Name of vessel/client:	INDUS MARINE
Job order:	
Date:	09/08/2021

DATE	NAME	DESIGNATION	NORMAL TIME			OVERTIME			ALLOCATION/RE
			FROM	TO	TOTAL	FROM	TO	TOTAL	
	Shaheen Miah	S. Engr	3 time		6				PCR test and
	Vishnu	Mechanical	3 time		6				Driver job
	Shiva	Electrical	3 time		6				
	Shak Mohammad	Welder	1 time		2				
	Jagdish	~~Jagdish~~ Rigger	4 time		8				
	Tiwari	Mechanical	1 time		2				
	Saleem	Driver	4 time come to RF		40hrs				
	~~Ajmal~~	~~Driver~~							

MILAHA SHIP YARD Name: Shaheen Mian Signature : Shaheen Date 09/08/2021	VESSEL: INDUS BRIZO Name: CHIEF TRICAHIEF Uthus Signature: Date: 09.08.2021

Indus Brizo indus Kingstown IMO: 9327279

This copy is controlled and authorised.

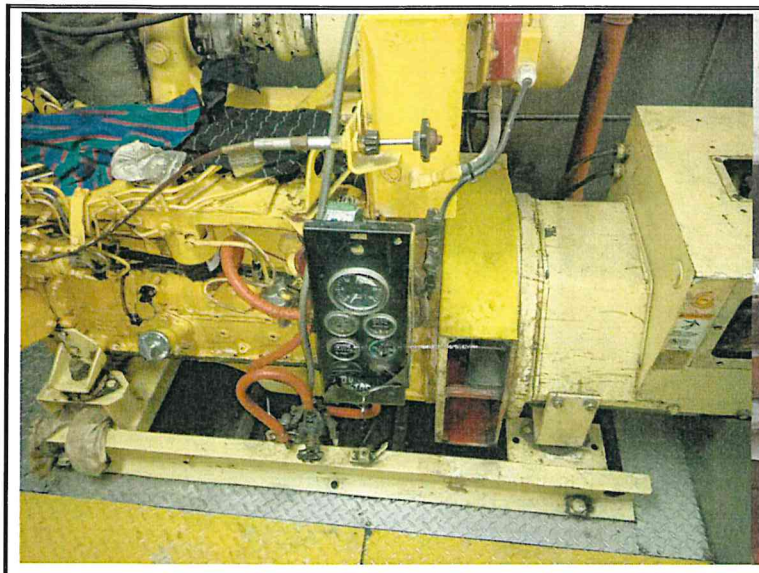
DATE:	10/08/2021	REPORT NO.	SF/MEC/21100
CLIENT/VESSEL	M.V INDUS BRIZO	JOB NO.	MLO 21176/21-011216/9100
ITEMS DESCRIPTION	Servicing Report- Troubleshoot of DG no: 2 excessive vibration and work done		

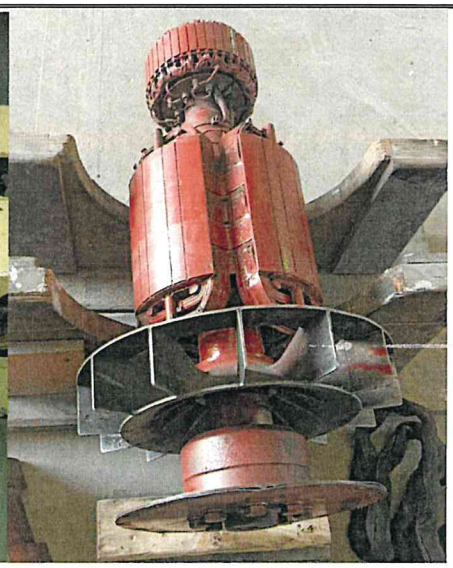
Troubleshoot of DG no: 2 excessive vibration and work done: -

- Disconnect alternator from engine and run engine (we found engine is not creating excessive vibration)
- Remove alternator and shifted below hatch cover
- Received one alternator from the Indus marine vessel.
- Megger test carried.
- Start to dismantle the alternator.
- PMG and excitor coil removed and rotor take out from the stator.
- Found coupling plate holes are oval shaped.
- All parts cleaned by electro cleaner.
- Baking in the oven.
- Rotor send to balancing.
- Bearing housing calibrated.
- Found over size. Re-sleeving done. Stator, rotor, and other coils re-varnished.
- Reassembled the alternator by using owner supplied bearing.
- Megger tested.
- Alternator shift to vessel.
- Installed in position and reconnected all electrical cables as per marking. Run tested.
- Refitted back DG:2 covers
- Test run DG:2 with C/E satisfactory
- Welded back main deck frame
- Supply 10 nos. of M10 bolts, flat washer and spring washer

NOTE: Coupling plate, Bearing and O-ring supplied by the owner

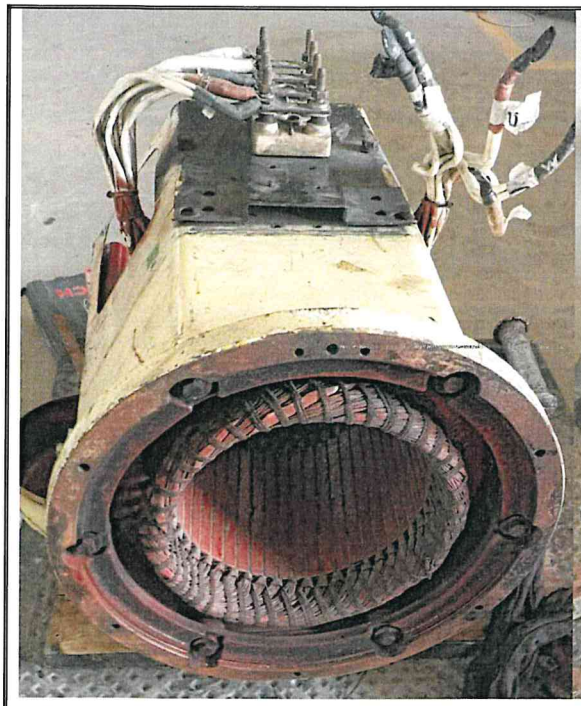
MAIN ENGINE OVERHUALING

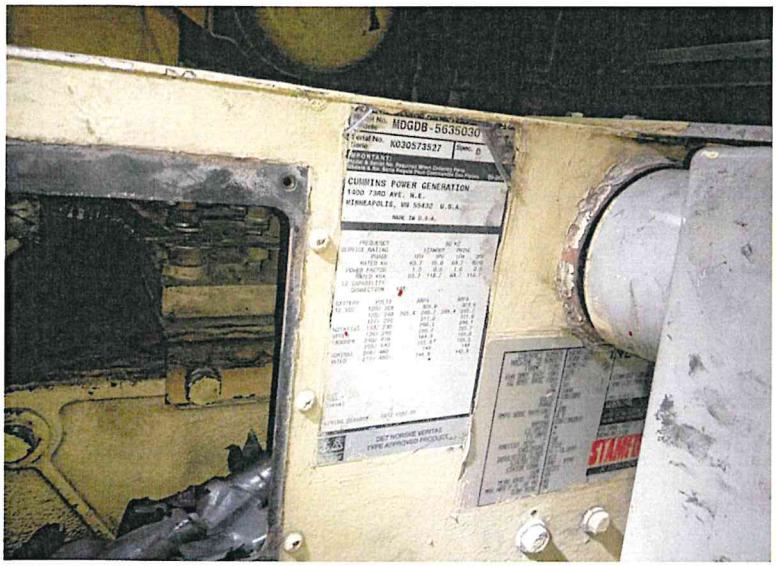




SERVICE REPORT	SF-DT-103

MAIN ENGINE OVERHUALING





Carried by:	Witnessed by Client Representative
Shahen Miah	Name:
Service Engineer	Designation:
Signature: Shahen	Signature: