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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	VESSEL ARRIVED : 16-02-2021. VESSEL DOCKED : 16-02-2021. VESSEL UNDOCKED : 30-05-2021. VESSEL RE-DOCKED : 28-07-2021. VESSEL UNDOCKED : 04-08-2021. VESSEL SAILED : 05-09-2021.	
1100	BERTH PREPARATION, DOCKING AND UNDOCKING:- Berth prepared, boat docked and re-docked and undocked, including dock hire for first 2 days x 2 time. (QRs. 12,460.00 per time x 2 Times = QRs. 24,920.00. As per standard schedule of rates, page No.8.	24,920.00
1101	DRY DOCK HIRE:- 1) Dock hire for remaining period of first docking and re-docking period (108 days). Based on standard schedule of rates, page No. 9. (QRs. 2,060.00 per day x 108 days = QRs. 222,480.00). 2) Wharfage charge (90 days) dated from 31-05-2021 to 27-07-2021 and dated from 05-08-2021 to 05-09-2021. Based on standard schedule of rates, page No. 4. (QRs. 15.50 per meter x 56 meters (vessel length)x 90 days = QRs. 78,120.00.	300,600.00
1102	SERVICES:-	385,493.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	A) Fire and safety watch provided during period of drydocking and alongside dated from 16-02-2021 to 05-09-2021. Based on standard schedule of rates, page No. 5 QRs. 310.00 per day x 202 days = QRs. 62,620.00). B)Fire line maintained under pressure during period of first and re- drydocking 16-02-2021 to 30-05-2021 and dated 28-07-2021 to 04-08-2021 (charged for 112 days only), including 2 time connection and disconnection. Based on standard schedule of rates, page No. 7. (QRs. 185.00 per day x 112 days + (QRs. 255.00 x 2 Times = QRs. 21,230.00). C) Galley garbage skip provided and garbage disposed during period of drydocking and alongside dated from 16-02-2021 to 05-09-2021. Based on standard schedule of rates, page No. 5 (QRs. 255.00 per day x 202 days = QRs. 51,510.00) D.1) Electrical shore power supply (440 volts, 3 phase, 60 Hz.) provided during period of drydocking, including connecting and disconnecting. Based on standard schedule of rates, page No. 6. (QRs. 875.00 per day x 112 days + (QRs. 360.00 x 2 Times) = QRs. 98,720.00. D.2) Electrical shore power supply using 150 KVA Generator (Rental + Diesel) provided during period from 07-06-2021 to 27-07-2021 and dated from 05-08-2021 to 05-09-2021, including connecting and disconnecting. (QRs. 2,100.00 per day x 53 days + (QRs. 360.00 x 2 Con. dis. Con.) = QRs. 112,020.00).	

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

E.&.O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	E) Cooling water line maintained under pressure during period of first and re- drydocking 16-02-2021 to 30-05-2021 and dated 28-07-2021 to 04-08-2021 (charged for 112 days only), including 2 time connection and disconnection. Based on standard schedule of rates, page No. 7 (QRs. 255.00 per day x 112 days + (QRs. 255.00 x 2 Times Con.dis. Con) = QRs. 29,070.00). F) 106.2 tons fresh water supplied to boat as per enclosed signed delivery receipt. Based on standard schedule of rates, page No. 7. (Based on standard schedule of rates, page No. 8 (QRs. 65.00 per ton x 106.2 tons = QRs. 6,903). G) 9 in Nos. overboard discharge connections provided and later removed prior to undocking. Based on standard schedule of rates, page No. 7 (QRs. 380.00 per piece x 9 pieces = QRs.3,420.00).	
1150	ULTRASONIC THICKNESS MEASURMENT:- 700 spots Ultrasonic thickness gauging taken and report issued. Based on standard schedule of rates, page no. 7 (QRs. 11.00 per spot x 700 spots = QRs 7,700.00).	7,700.00
1151	SHIP CRANE LOAD TEST:- Ship crane load test carried out using 1 Ton counter weight and report issued. Rigger:- QRs. 75.00 per hour x 16 Hours = QRs. 1,200.00.	1,600.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	15 Tons Forklift:- QRs. 400.00 per hour x 1 Hour = QRs. 400.00.	
1152	SCAFFOLDING:-	8,300.00
	Wiper and dock deck area Scaffolding arranged and later removed on completion of painting and repair works.	
	Scaffolding on Dock deck:- QRs. 25.00 per cubic meter x 260 Cubic Meters = QRs. 6,500.00. Scaffolding on Vessel wiper area:- QRs. 30.00 per cubic meter x 60 Cubic Meters = QRs. 1,800.00.	
1153	INSULATION WORK:-	116,569.00
	Insulation work carried out by sub contractor.	
1154	PEST CONTROL:-	650.00
	Pest control arrived out inside the boat by sub-contractor.	
1155	DP TEST:-	1,440.00
	4 Nos. propellers DP test carried out and report issued.	
	(QRs. 360.00 x 4 Nos. = QRs. 1,440.00).	
1156	TAR BITUMEN:-	3,978.00
	Existing bitumen removed from Forward and bathroom area and area cemented using yard supplied 50 Kgs x 6 bags cement.	
	Painter:- QRs. 75.00 per hour x 26 Hours = QRs. 1,950.00.	

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

E & O.E
MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Cleaner:- QRs. 48.00 per hour x 36 Hours = QRs. 1,728.00. Consumable:- QRs. 300.00.	
1157	TUG ASSISTANCE:- Assistance of Tug provided during undocking and shifting of vessel at 2 times dated 30-05-2021 & dated 04-08-21. (QRs. 12,558 x 2 Times = QRs. 25,116.00.	25,116.00
1158	RENEWAL OF MATTRESS AND MATTRESS COVER:- All mattress and mattress covers fabricated and renewed as per navy instruction total 35 Nos. by subcontractor.	14,950.00
1200	UNDER WATER A TREATMENT AND PAINTING:- Underwater a an approx. of 560 square meters treated and painted as follows:- Hand scraped to remove marine growth (QRs. 1,680.00). H.P. jet washed with fresh water (QRs. 4,480.00). Blasted to SA 2.5 using garnet (approx. 40% of a) (QRs. 11,939.20). Sept to SA1. using garnet remaining a (approx. 60% of area.) (QRs.11,793.60). Hosed down with fresh water (QRs.1,008.00). Applied with one Coat primer (45881- 50630) Red (QRs.3,360.00). Hosed down with fresh water (QRs.1,008.00). Full Sept after steel repair to SA1. using garnet (QRs.19,656.00). Applied with 2 coats primer (QRs.3,360.00). Applied with one coat sealer (QRs.1,680.00). Applied with 2 coats of Hempel hard racing antifouling 7648 -	71,604.80

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

E & O E

MILAHA

S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	1999(QRs.4,200.00). 38 tons used Garnet/waste water which mixed with ferrous, paint, oil and chemical collected, transported and safe disposed as per Qatar safety environment regulation in Mesaieed (QRs. 9,120.00). Primer (45881 - red and Grey), Sealer -- 45182 ,Thinner 08450, Thinner 08080 supplied by yard and included in Job No. 7501). (Remaining paint compositions owner's supplied used). Based on standard schedule of rates, page No. 9 & 10.	
1201	ABOVE WATER AREA TREATMENT AND PAINTING:-	58,420.40
	Topside a an approx. of 440 square meters treated and painted as follows:- HP jet washed with fresh water (QRs. 4,840.00). Garnet blasted to SA 2.5 (an approx. 30% of area) (QRs. 7,722.00). garnet sept to SA 1. (an approx. 70% of area) (QRs.12,412.40). Hosed down with fresh water (QRs. 1,012.00). Applied with 1 coat primer (QRs. 1,540.00). After steel renewal work full swept to SA 1. with garnet (QRs. 17,732.00). Hosed down with fresh water (QRs. 1,012.00). Applied with 2 full coats primer (QRs. 3,080.00). Applied one top coat (QRs. 1,870.00). 30 tons used Garnet/waste water which mixed with ferrous, paint, oil and chemical collected, transported and safe disposed as per Qatar safety environment regulation in Mesaieed (QRs. 7,200.00). Using Yard supplied primer, thinner and Client supplied top coat Grey and included in Job No. 7501. (Remaining paint compositions supplied by owner). Based on standard schedule of rates, page No. 9 & 10.	

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

E & O.E.

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1202	PAINTING OF DC LOCKER, MACHINE BATH ROOM, CHAIN LOCKER:-	9,679.00
	All DC lockers machines, bath room, chain locker and ship galley sanded, cleaned and applied with white and Grey paints. 120 liters white paint and 40 Liters Gray paint supplied by yard.	
	Painter/Blaster:- QRs. 75.00 per hour x 99 hours = QRs. 7,425.00. Cleaner:- QRs. 48.00 per hour x 43 hours = QRs. 2,064.00. Consumable:- QRs. 190.00.	
1203	CLEANING AND PAINTING OF WEATHER DECK:-	9,316.50
	Upper deck area an approx. 130 square meters treated and painted as follows. HP Jet washed with fresh water (QRs.1,430.00). Full garnet blasted (QRs.6,084.00). Hosed down with fresh water (QRs. 299.00). Applied with 2coats of primer (QRs. 910.00). Applied with one top coat with anti slint (QRs. 552.50). Anti slint sand 5 kg supplied by yard (QRs. 41.00).	
	(All paint compositions owner's supplied used).	
1204	CLEANING AND PAINTING OF SUPER STRUCTURE AND MAST:-	31,050.00
	Super structure and mast cleaned and painted as follows. Area Sanded.1430 HP jet washed. Applied with one Touch up coat primer. Applied with one full top coat. Protection covering carried out at all sensitive area. Scaffolding arranged for access and later removed on completion.	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Using Yard supplied 60 Liters Top coat Enamel grey (included in Job No. 7501). Painter/Scaffolders:- QRs. 75.00/hour x 390 hours = QRs. 29,250.00. Cleaner:- QRs. 48.00/hour x 30 hours = QRs. 1,440.00. Consumables:- QRs. 360.00.	
1205	NBCD MARKING:- NBCD marking renewed. Cleaned and painted NBCD marking Painter:- QRs. 75.00/hour x 40 hours = QRs.3,000.00. Consumable:- QRs. 150.00.	3,150.00
1206	PAINTING OF TOP MAST BASE PLATE SATELITE:- Base plate satellite on top mast cleaned and painted. HP Jet washing Sanding damaged area Applied 1 t/up coat primer Protection covering all sensitive items. Applied one full top coat. Enamel top coat Grey - 40ltrs supplied by yard and included in Job No. 7501.. Painter:- QRs. 75.00/hour x 50 hours = QRs.3,750.00. Consumable:- QRs. 750.00.	4,500.00
1207	PROPSPEED APPLY FOR SS TAIL SHAFTS AND PROPELLERS:- Included in Job No. 1218.	
1208	MAIN DECK TRETMENT AND PAINTING:-	32,079.25

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Main deck a an approx. 355 square meters treated and painted as follows. HP Jet washed with fresh water (QRs. 3,905.00). Sept to SA1. using garnet (QRs. 16,614.00). Hose Down with fresh water (QRs. .816.50). Applied with 2 full coat primer (QRs. 1,242.50). Filler applied at all damaged a (90 Hours x QRs. 75.00 per hour = QRs. 6,750.00). Applied with 1 full coat primer (QRs. 1,242.50). Applied with anti skid top cot 55210 Grey (QRs. 1,508.75). (All paint compositions owner's supplied used).	
1209	PAINTING OF FWD. STORE FLOOR AND WALL:- Fwd. store floor and walls cleaned. Wall area applied with Enamel white paint. Floor area applied with Grey (Yard supplied paint (included in Job No. 7501) and owner's supplied paint used). Painter:- QRs. 75.00/hour x 90 hours = QRs. 6,750.00. Painter:- QRs. 48.00/hour x 80 hours = QRs. 3,840.00. Consumable:- QRs. 420.00.	11,010.00
1210	PAINTING OF STEERING COMPARTMENT ROOM WALLS AND FLOOR:- Steering compartment room walls and floor cleaned and painted. Applied with enamel white. Floor area applied with Grey paint. (Yard supplied paint (included in Job No. 7501) and owner's supplied paint used). Painter:- QRs. 75.00/hour x 80 hours = QRs. 6,000.00. Painter:- QRs. 48.00/hour x 59 hours = QRs. 2,832.00. Consumable:- QRs. 645.00.	9,477.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1211	PAINTING OF A/C COMPARTMENT ROOM WALLS AND FLOOR:-	10,850.00
	A/C compartment room walls and floor area cleaned and painted. Applied with enamel white. Floor area applied with Grey paint. (Yard supplied paint (included in Job No. 7501) and owner's supplied paint used). Painter:- QRs. 75.00/hour x 92 hours = QRs. 6,900.00. Painter:- QRs. 48.00/hour x 60hours = QRs. 2,880.00. Consumable:- QRs.1,070.00.	
1212	PAINTING OF ALL BATH ROOM FLOOR AREA:-	9,830.00
	All bath room floor area cleaned and painted. Using Supplied Paints (included in Job No. 7501). Painter:- QRs. 75.00/hour x 90 hours = QRs. 6,750.00. Painter:- QRs. 48.00/hour x 60hours = QRs. 2,880.00. Consumable:- QRs.200.00.	
1213	PAINTING OF GALLEY FLOOR:-	5,560.00
	Galley floor area cleaned and painted. Using Supplied Paints (included in Job No. 7501). Painter:- QRs. 75.00/hour x 60 hours = QRs. 4,500.00. Painter:- QRs. 48.00/hour x 20hours = QRs. 960.00. Consumable:- QRs.100.00.	
1214	PAINTING OF FWD. STORE FLOOR AREA:-	7,580.00
	Fwd. store floor area cleaned and painted.	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Painter:- QRs. 75.00/hour x 60 hours = QRs. 4,500.00. Painter:- QRs. 48.00/hour x 60hours = QRs. 2,880.00. Consumable:- QRs.200.00.	
1215	PAINTING OF GUN ROOM FLOOR AREA:-	6,620.00
	Gun room floor area cleaned and painted. Applied with enamel white Floor area applied with Grey. (Yard supplied paint (included in Job No. 7501) and owner's supplied paint used). Painter:- QRs. 75.00/hour x 60 hours = QRs. 4,500.00. Painter:- QRs. 48.00/hour x 40hours = QRs. 1,920.00. Consumable:- QRs.200.00.	
1216	PAINTING OF ALEEY WAY:-	9,400.00
	Alley way cleaned and painted as per navy instruction. (Using Yard Supplied Enamel off white included in Job No. 7501). Painter:- QRs. 75.00/hour x 122 hours = QRs. 9,150.00. Consumable:- QRs.250.00.	
1217	PAINTING OF ENGINE ROOM FWD AND AFT WALLS:-	24,460.00
	Engine rooms FWD and AFT, walls cleaned and painted. (Using Yard Supplied Enamel white included in Job No. 7501). Painter:- QRs. 75.00/hour x 240 hours = QRs. 18,000.00. Painter:- QRs. 48.00/hour x 120hours = QRs. 5,760.00. Consumable:- QRs. 700.00.	

E & O.E

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

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1218	PROP SPEED:- Propellers and SS tail shaft applied prop speed using yard supplied prop speed. Painter:- QRs. 75.00/hour x 72 hours = QRs. 5,400.00. Consumable:- QRs. 4,485.00.	9,885.00
1219	CLEANING AND PAINTING OF CPOS POS MESS:- CPOS, POS, Mess cleaned and painted as per navy information. Yard Supplied paints. Painter:- QRs. 75.00 per hour x 34 Hours = QRs. 2,550.00. Consumable:- QRs. 200.00.	2,750.00
1220	CLEANING AND PAINTING OF OFFICERS TRAINEE ROOM:- Officers trainee room cleaned and painted. Yard Supplied paints. Painter:- QRs. 75.00 per hour x 24 Hours = QRs. 1,800.00. Consumable:- QRs. 200.00.	2,000.00
1221	CLEANING AND PAINTING OF JUNIOR AND SAILORS MESS :- Junior and sailor mess cleaned and painted.(white)Protection covering and cleaned painted. Yard Supplied. Painter:- QRs. 75.00 per hour x 40 Hours = QRs. 3,000.00. Consumable:- QRs. 250.00.	3,250.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1222	CLEANING AND PAINTING OF JUNIOR AND SAILORS BATH ROOM:-	4,160.00
	Junior and sailor bath room cleaned and painted. Protection covering and painted. Yard Supplied paints. Painter:- QRs. 75.00 per hour x 40 Hours = QRs. 3,000.00. Cleaner:- QRs. 48 per hour x 20 hours = QRs. 960.00. Consumable:- QRs. 200.00.	
1223	CLEANING AND PAINTING OF 76MM GUN BAY :-	4,060.00
	76 mm, gun bay cleaned and painted. Protection covering and cleaned painted Yard Supplied. Painter:- QRs. 75.00 per hour x 40 Hours = QRs. 3,000.00. Cleaner:- QRs. 48 per hour x 20 hours = QRs. 960.00. Consumable:- QRs. 100.00.	
1224	CLEANING AND PAINTING OF GOAL KEEPER GUN BAY AREA :-	2,180.00
	Goal keeper gun bay area cleaned and painted. Protection covering and cleaned painted Yard Supplied paints. Painter:- QRs. 75.00 per hour x 20 Hours = QRs. 1,500.00. Cleaner:- QRs. 48 per hour x 10 hours = QRs. 480.00. Consumable:- QRs. 200.00.	
1225	PAINTING OF PANELLING :-	3,200.00
	Ward room ceiling to be change some paneling, use, used paneling and cleaned painted as per navy instruction. Painter:- QRs. 75.00 per hour x 40 Hours = QRs. 3,000.00.	

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

E & O.E

ALALA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Consumable:- QRs. 200.00.	
1226	CLEANING & PAINTING CIC ROOM :-	7,680.00
	Cleaning & painting of CIC room and Dadar Room. Painter:- QRs. 75.00 per hour x 60 Hours = QRs. 4,500.00. Cleaner:- QRs. 48 per hour x 60 hours = QRs. 2,880.00. Consumable:- QRs. 300.00.	
1227	CRANE MARKING :-	650.00
	Deck crane marking and SWL writing painted. Painter:- QRs. 75.00 per hour x 8 Hours = QRs. 600.00. Consumable:- QRs. 50.00.	
1250	CLEANING AND PAINTING OF BILGES :-	59,810.00
	All bilges remaining bilge water bail out . Full scarped cleaned 3 times before and after Hot work. HP Jet washed, pump out and mop dry. Applied with one coat (Green). Using Yard supplied 80 liters Hempel Light clean and 80 Liters top coat green 619. Painter:- QRs. 75.00/hour x 140 hours = QRs. 10,140.00. Cleaner:- QRs. 48.00/hour x 900 hours = QRs. 43,200.00. Consumables:- QRs. 6,470.00.	
1350	ANCHOR AND CHAINS:-	4,840.00
	Anchors and chain treated and painted as follows.	

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

E & OE

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Anchor and Chain Lod, ranged and later restowed, using vessel's windlass (QRs. 1,030.00). HP jet washed with fresh water (QRs. 720.00). Chain and anchor garnet blasted (QRs. 1,440.00). Chain and anchor full painted (QRs. 620.00). Chain shots marked (QRs.410.00). All paint compositions yard supplied used aluminum paint 52140-19000 (QRs. 620.00).	
1400	RENEWAL OF PROPELLER SHAFT SEAL:-	9,764.00
	4 Nos of propeller shaft seals inspected and found ok. Witnessed by Client. Floor plates, floor plates frames and pipe lines in way removed for access and later refitted on completion of seal inspection work. Mechanic/Fabricator/Pipe fitter:- QRs. 88.00 per hour x 103 hours = QRs. 9,064.00. Consumable:- QRs. 700.00.	
1401	SHAFT BEARINGS:-	7,236.00
	All tail shaft bearings top part removed, checked, inspected and clearance measured by feeler gauge. Report submitted to Client. Old grease removed and yard supplied new grease applied to the bearing. Witnessed by Client. Mechanic:- QRs. 88.00 per hour x 82 Hours = QRs. 7,216.00. Consumable:- QRs. 20.00.	
1402	GREASING OF SHAFT NO. 1 AND 2 SHAFT PEDESTAL BEARING:-	
	Included in Job No. 1401.	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1403	CARDON SHAFTS:- Cardan shaft No:3 & 4 inspected and cleaned. Yard supplied new grease applied with grease pump. Inspected and witnessed by Client . Mechanic:- QRs. 88.00 per hour x 40 Hours = QRs. 3,520.00.	3,520.00
1404	RENEWAL OF STERING RUDDERS PORT AND STBD. SIDE GLAND PACKING :- Steering Rudders (port and Stbd) old gland packing removed and Navy supplied 1"- new gland packing installed with yard supplied new grease. Inspected and witnessed by client. (QRs. 930.00 per rudder x 2 Nos. = QRs. 1,860.00. Based on standard schedule of rates, page No. 15.	1,860.00
1405	OVERHAULING OF AFT STEERING AND GOAL KEEPER BILGES SUCTION VALVE:- 2 Nos. Aft steering and goal keeper bilges suction butterfly valves size each DN65 removed from location and brought to workshop. Valves found damaged, rejected by client. Yard supplied 2 Nos. new butterfly valves size each DN 65 fitted back on position. Inspected and witnessed by client. Mechanic:- QRs. 88.00 per hour x 24 Hours = QRs. 2,112.00. Material:- Qrs. 780.00.	2,892.00
1406	CLEANING OF SEA SUCTION STRAINERS:- Following sea suction strainers removed, brought to work shop, chemically cleaned, buffed and painted. Strainers returned to	3,750.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	vessel and refitted. Main Engine sea suction strainer size 10"dia. - 4 Nos. DG Strainers size 6"dia. - 3 Nos. Fire pump strainers size 8"dia. - 2 Nos . Mechanic:- QRs. 88.00 per hour x 37 Hours = QRs. 3,256 .00. Consumable:- QRs. 494.00.	
1407	PROPELLER BALANCING :- Four Nos. propellers removed from location by hydraulic injection method and brought to workshop. All the 4nos of propellers sent to dynamic balancing. Reports submitted to client. Propellers are installed back on position. Witnessed by Client. Mechanic:- QRs. 88.00 per hour x 130 Hours = QRs. 11,440 .00. Rigger:- QRs. 75.00 per hour x 80 Hours = QRs. 6,000 .00. Dynamic Balancing:- QRs. 4,140.00. Consumable:- QRs. 465.00.	17,905.00
1408	GENERATOR AIR STARTING VALVES:- Job has been cancelled.	
1409	CATHODIC PROTECTION :- 12nos of cathodic production system removed from location. All found damaged. Navy supplied new cathodic production system fixed by ship screws. Cover plates installed with yard supplied new gaskets. Inspected and witnessed by client. Mechanic:- QRs. 88.00 per hour x 28 Hours = QRs. 2,464 .00. Consumable:- QRs. 50.00.	2,514.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1410	REPAIR OF MAIN ENGINE, D/GENERATOR AND FIRE PUMP SEA CHEST VALVES:- Following valves checked free up, apply yard supplied grease. Main engine sea suction butterfly valve size DN200 - 8 Nos. DG sea suction brass gate valves size DN 50 - 3 Nos. Vent brass gate valve size DN50 - 3 Nos. Fire pump sea suction gate valve size DN 80 - 2Nos. Valves area Chequered plates and floor plate frame removed for access and later refitted. Mechanic:- QRs. 88.00 per hour x 84 Hours = QRs. 7,392 .00. Material/Consumable:- QRs. 875.00.	8,267.00
1411	OVERHAULING OF SEA WATER OVERBOARD VALVES :- Following overboard valves removed from location and brought to workshop, dismantled, chemical cleaning and buffing done. valves Assembled with yard supplied new Teflon gland packing. Gravity test done. No leaks found. Witnessed by yard QC and Client. Valves shifted to vessel and fitted back on position. Port side: Brass angle valve size DN20 - 1 No. Brass straight valve size DN20 - 3 Nos. Brass angle valve size DN50-1No. Brass angle valve size DN80 - 1 No. Brass angle valve size DN125 - 1 No. STBD SIDE: Brass straight valve size DN20 - 3 Nos. Brass angle valve size DN125 - 1 No. AFT ENGINE ROOM: PORT SIDE: Brass straight valve size DN20 - 1 No. Brass angle valve size DN20 - 1No	14,128.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Brass angle valve size DN50 - 1 No. Brass angle valve size DN125 - 1 No. STBD SIDE: Brass straight valve size DN20 - 1No. Brass angle valve size DN50-1No. Brass angle valve size DN125 - 1 No. FORE PEAK AREA: Brass Angle valve size DN20 - 2 Nos. Brass straight valve size DN20 - 2 Nos. Brass angle valve size DN50 - 1 No. Brass gate valve size 3/4"dia. - 1 No. Brass NRV valve size ¾" dia. - 1 No. Mechanic:- QRs. 88.00 per hour x 156 Hours = QRs. 13,728.00. Consumable:- QRs. 400.00	
1412	SEA GRIDS :-SEA GRIDS:- 9 Nos. sea grids removed from location and brought down at dock area. Cleaned, HP-washed and painted. After client inspection installed back on position with yard supplied new SS M10 countersunk bolts. Witnessed by Client. Based on standard schedule of rates, page no. 18 (QRs. 465.00 per piece x 9 pieces = QRs. 4,185.00).	4,185.00
1413	FREEING OF STABILIZER:- Stbd stabilizer hydraulic hoses and access pipe lines are removed. Hydraulic cylinder units removed from location. Stabilizer removed and lowered at dock. Hydraulic cylinder unit brought to workshop. Cleaned and operation check carried out. Found satisfactory. Witnessed by client. Hydraulic cylinder unit sent to vessel. Stabilizer shaft area cleaned and	47,250.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	installed back on position with yard supplied new gland packing and Navy supplied new seals. Old Bearings found satisfactory, old grease cleaned and yard supplied new grease applied. Inspected by client. Hydraulic unit and accesses pipe lines were fitted back on position. Witnessed by client. As per client instruction Port side stabilizer damaged gland packing removed , hydraulic hoses and access pipe lines are removed. Hydraulic cylinder units removed from location. Stabilizer removed and lowered at dock. Hydraulic cylinder unit brought to workshop. Cleaned and operation check carried out. Found satisfactory. Witnessed by client. Hydraulic cylinder unit sent to vessel. Stabilizer shaft area cleaned and installed back on position with yard supplied new gland packing and Navy supplied new seals. Old Bearings found satisfactory, old grease cleaned and yard supplied new grease applied. Inspected by client. Hydraulic unit and accesses pipe lines were fitted back on position. Witnessed by client. Mechanic:- QRs. 88.00 per hour x 388 hours = QRs. 34,144.00. Rigger:- QRs. 75.00 per hour x 167 hours = QRs. 12,525.00. Consumable:- QRs. 581.00.	
1414	REPAIR OF SEA CHEST VALVES:-	17,290.00
	Following sea suction valves removed from location and brought to workshop, dismantled, chemical cleaned and buffing done. valves Assembled with yard supplied new gland packing. Gravity test done. No leaks found. Witnessed by yard QC and Client. Valves shifted to vessel and fitted back on position. Main Engine sea suction butterfly valve size DN200 - 8 Nos. DG sea suction brass gate valve size DN50 - 3 Nos. Vent brass gate valves size DN 50 - 3 Nos. Fire pump sea suction brass gate valve size DN80 - 2 Nos. 2 Nos. Forward engine room stbd ME suction Butterfly valves size each DN200 removed inspected and found not satisfied and rejected by client. As per client instruction 2 Nos. new	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	butterfly valves supplied by shipyard to size each DN200 shifted to on board and installed back on position with handle linkage modification. Gravity test carried out for the valves, found no leaks. Witnessed by yard QC and Client. Mechanic:- QRs. 88.00 per hour x 160 hours = QRs. 14,080.00. Material/Consumable:- QRs. 3,210.00.	
1415	REPAIR OF VALVE LINKAGES:- A total of 15 Nos. valve's linkages (4 Nos. of Main Engine sea suction Butterfly valve's linkages - 4nos, DG suction gate valve's linkages-3nos, Fire pump suction gate valve's linkages-2nos, Air vent gate valve's linkages -1no, AC main suction globe valve's linkage-1nos) are inspected and applied yard supplied new grease. Inspected and witnessed by Client. Mechanic:-QRs. 88.00 per hour x 65hours = QRs. 5,720.00. Consumable:- QRs. 100.00.	5,820.00
1416	REPAIR OF MAIN ENGINE SUCTION DIAPHRAGM VALVE:- Main engine diaphragm valve DN80-4 Nos removed from location brought to workshop. Dismantled and cleaned. 2nos are found ok. And 2nos of valve rubber/diaphragm found damaged. Yard supplied new rubber/diaphragm-2nos installed. Witnessed by Client. Valves shifted to the vessel and fitted back on position. Diaphragm Valve 1 ¼"-4nos removed from location and brought to workshop. Dismantled and cleaned. Inspected by Client. Assembled back and shifted to vessel, fitted back on position. Witnessed by Client. Mechanic:-QRs. 88.00 per hour x 48hours = QRs. 4,224.00. Consumable:- QRs. 20.00.	4,244.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1417	RENEWAL OF HYDRAULIC HOSES:-	3,140.00
	12Nos. stabilizer hydraulic hoses (port and stbd) removed from location. As per Navy instruction yard supplied new hoses installed back on position. Inspected and witnessed by client. Mechanic:- QRs. 88.00 per hour x 20 Hours = QRs. 1,760.00. Material:- QRs. 1,380.00.	
1418	OVERHAULING OF SEWAGE VALVE:-	3,708.00
	2 Nos. DN100 PN10 Gate valves removed from location and brought to workshop. Both the valves were found damaged. Client rejected the valves. Yard supplied DN100 PN 10 Gate valves-2 no's shifted to on-board and installed on position. SS reducer modified with yard supplied new flanges and new bolts. Witnessed by client. Mechanic/Pipe fitter:- QRs. 88.00 per hour x 16 Hours = QRs. 1,408.00. Material/Consumable:- QRs. 2,300.00.	
1419	OVERHAULING OF MAIN DECK FRESH WATER VALVE:-	540.00
	Main deck FWD area fresh water valve DN 65 brass ball valve removed from location and brought to workshop. Dismantled and cleaned. Teflon seat found damaged. Yard fabricated new Teflon seat, and hand wheel. Valve assembled and gravity test done. No leaks found. Witnessed by yard QC and client. Valve shifted to vessel and fitted back on position. Witnessed by client. Mechanic/Machinist:- QRs. 88.00 per hour x 6 Hours = QRs. 528.00. material- QRs. 12.00.	

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

E & O.E
MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1420	SUPPLY AND INSTALLATION OF A/C SUCTION BUTTERFLY VALVE:- A/C suction butterfly valve disconnected and new valve supply and fitted. Mechanic:- QRs. 88.00 per hour x 16 Hours = QRs. 1,408.00. Material/ Consumable:- QRs. 275.00.	1,683.00
1421	REPAIR OF RELIEVE VALVE:- D/generator relieve valve removed, new valve supplied to size 1 1/2" dia. modified fitted provided with yard fabricated brass fittings. Mechanic/Machinist:- QRs. 88.00 per hour x 16 hour = QRs. 1,408.00. Material/Consumable:- QRs. 1,310.00.	2,718.00
1422	M/E No.3 EMERGENCY VALVE OVERHAULING:- M/E No.3 emergency cooling valve overhauled. Mechanic:- QRs. 88.00 per hour x 16 hour = QRs. 1,408.00.	1,408.00
1423	FIRE PUMP NO.3 DISCHARGE VALVE:- Fire pump No.3 discharge Butterfly valve size DN65 with 1 No. DN65 NR valve removed, brought to work shop, inspected and found Butterfly valve faulty. 1 No. DN 65 butterfly valve supplied, New valve with NR valve assembled, returned to vessel and refitted. Mechanic/Machinist:- QRs. 88.00 per hour x 20 hour = QRs. 1,760.00.	2,910.00

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

E & OE

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Material/Consumable:- QRs. 1,150.00.	
1424	GENERATOR No.1 VALVE HANDLE:-	2,514.00
	Generator Valve handle fabrication.	
	Mechanic/Machinist:- QRs. 88.00 per hour x 28 hour = QRs. 2,464.00. Material/Consumable:- QRs. 50.00.	
1425	D.G TURBO CHARGER LEAK REPAIR:-	754.00
	D.G Turbo charger exhaust leak repair	
	Mechanic/Machinist:- QRs. 88.00 per hour x 8 hour = QRs. 704.00. Material/Consumable:- QRs. 50.00.	
1426	DG NO.3 FIXED RUBBER MOUNT FITTING:-	
	Diesel Generator No.3fixed rubber mount with bolts - included in Job No.5052.	
1800	REPAIR OF BLOCK:-	10,498.00
	Existing corroded and thinned blocks rut and repaired. Corroded plates cut and renewed. Aft Port Block. M.S. doubler plate size 280mm x 210mm x 10mm thickness - 1 No. M.S. doubler plate size 150mm x 210mm x 10mm thickness - 4 Nos. M.S. doubler plate size 280mm x 410mm x 10mm thickness - 1 Nos.M.S. doubler plate size: - 150mm x 210mm x 10mm thickness - 2 Nos.	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Aft Big Block M.S. Insert plate size 280mm x 460mm x 10mm - 3 Nos. M.S. Doubler plate size 150mm x 210mm x 10mm - 11 Nos. M.S. Doubler plate size 300mm x 210mm x 10mm - 1 Nos. M.S. Doubler plate size 280mm x 210mm x 10mm - 2 Nos. Base plate - 1800mm x 500mm x 16mm- 1 Nos. fabricator/Welder:- QRs. 88.00 per hour x 91 hour = QRs. 8,008.00. Material/Consumable:- QRs. 2,490.00.	
1801	MAIN ENGINE M.T.U. EXHAUST FLAP:- Included in Job No. 5050.	
1802	RADAR ROOM VENTILATION TRUNKING:- Job carried out by Navy Crews.	
1803	RENEWAL OF DOOR AND HATCHES SEALS:- All doors and hatches seals renewed for water tightening. Port and stbd. Main door rubber seal removed. New rubber beading installed. - Size - 20mm x 35mm (soft rubber) x 2400mm longFWD and aft hatches old seal removed as per yard supplied sketch. New seal installed. 20mm x 35mm x 1600 mm long - 04 Nos. 04 Nos. fwd. and aft. hatch coaming renewed. Spring holding plate - 100mm x 400mm x 10mm. - 04 Nos. Spring eyes. - 100mm x 08 mm x 12 mm. Hole dis 20 mm. - 04 Nos. Bracket - 115 x 75mm x 10mm - 08 Nos. Lashing eye size - 80mm x 40mm x 10mm. Hole dia. 20mm. - 04 Nos. Door locking Taper key - 150mm x 30mm x 20mm- 16 Nos. Removal and refitting of hatch door switch 2 Nos. fwd. and 2 Nos. aft area as per Navy instruction. Limit switch support flat bar ('C' shaped) - 150mm x 40mm x 8 mmTrip system	54,670.00

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

E & O.E

ALA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	plate- 100mm x 50mm x 6 mm thickness 12mm dia. C 2 Nos. Stainless steel bolts, M 10 x 30 mm.M.S. Angle bar - 125mm x 55mm x 8mm thickness x 10mm dia x 2 holes. - 04 Nos. Installed and welded hatch on position Insulation materials opened and refitted. All kidney hatches on weather deck disconnected, shifted to work shop, repaired, blasted, painted and refitted. Aft stbd. With sky hatch, kidney hatch and fwd. stbd. side hatch seating repaired by welding. Plate size - O.D. 670mm x 5mm x 50mm, ring - 1 No. M.S. Bracket - 40mm x 40mm x 6mm. - 04 Nos. M.S. Plate - 40mm x 50mm x 10mm, Provided with 2 holes. (12mm dia) - 04 Nos. M.S. Plate, 40mm x 80mm x 10mm thickness Provided with one drill hole - 20mm dia. - 04 Nos. Rubber beading size - 35mm x 25mm. x 2200mm long. Brass bush - I.D. 36mm x O.D. 52mm x 85mm height. Copper washer- 2" dia. x 3 mm thickness - 08 Nos. Teflon. Washer - 2" x 3 mm thickness - 08 Nos. S.S. spindle - 35mm dia. x 250mm long with top area. - 2 Nos.2 Nos. spacer nut provided for hatch cover handle. Fabricator/Welder:- QRs. 88.00 per hour x 595 Hours = QRs. 52,360.00. Material/Consumable:- QRs. 2,310.00.	
1804	RENEWAL OF PORT HOLE SEALS:- All port holes seals renewed. Port hole size 220mm dia. Rubber beading size 15mm x 15mm x 700 mm long x soft rubber - 8 Nos. Rubber 'O' ring, 04 mm dia - (700 mm long) - 8 Nos. All port hole seat screw opened and cleaned. - 8 Nos. New rubber beading installed. - 8 Nos. New glue applied. - 8 Nos.	5,282.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Fabricator:- QRs. 88.00 per hour x 54 Hours = QRs. 4,752.00. Material/Consumable:- QRs. 530.00.	
1805	RENEWAL OF 76MM MAGAZINE HATCH SEALS:- Included in Job No. 1803.	
1806	RENEWAL OF FOREPEAK STORE HATCH SEALS:- Included in Job No. 1803.	
1807	RENEWAL OF 76MM MAGAZINE HATCH DOOR SPRING:- Included in Job No. 1803.	
1808	RENEWAL OF GUARD RAILS :- Damaged guard rails renewed. Damaged hand rail base brackets fabricated fitted and welded. Size - M.S. Plate - 08 mm thickness Base - 65mm x 140mm. Provided with 04 nos drill holes. x 100mm height - 46 Nos.Hole dia. - 18mm. Stainless steel bolt, M 16 x 40mm - 280 Nos.3mm rubber gasket - 140mm x 165 mm. - 78 Nos. Damaged bracket area repaired by build-up welding in 22 locations. Bracket area deck insert- 250mm x 250mm x 6mm. - 8 Nos. Cross support pipe- 1" x sch 80. x 125mm long. - 06 Nos. Flat bar- 30mm x 80mm x 6mm thickness x 8mm dia. 2 holes - 6 Nos. Stainless steel bolts - M 6 x 30mm long - 12 Nos. Stbd side angle support- 50mm x 50mm x 6mm thickness x 50mm long - 06 Nos.	48,734.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	New stainless steel chain provided in missing hand rail rope area.- 05mm chain x 30 mtr. Stainless steel 'D' Shackle, 12 mm dia. - 30 Nos. Stainless steel turn buckle - 8" x ¾ " - 1 Nos. All stanchion shifted to workshop, blasted, painted and refitted. - 78 Nos. Fabricator/Welder:- QRs. 88.00 per Hour x 448.00 hours= QRs. 39,424.00. Painter/blaster:- QRs. 75.00 per Hour x 68 Hours = QRs. 5,100.00. Materials/Consumable:- QRs. 4,210.00.	
1809	CLEANING SHIP GALLEY EXHAUST DUCT:- Ship galley exhaust duct cleaned by chemical and hand over to ship's crew. Cleaner:- QRs. 48.00 per Hour x 24 Hours = QRs. 1,152.00. Consumable:- QRs. 100.00.	1,252.00
1810	REPAIR OF VENTILATION ON WEATHER DECK:- All ventilation on weather deck inspected, removed, repaired and painted, damaged filter renewed. Damaged pipes and flanges repaired. Damaged bolts and nuts renewed. Stainless steel Bolt and nuts -M16 x 70mm. - 64 Nos. Stainless steel bolts and nuts, M 8 x 30mm -62 Nos. Rubber gasket - 220mm x 200mm x 3 mm thickness 8 holes - 12 Nos. Rubber gasket - 160mm x 160mm x 3 mm thickness 4 holes - 22 Nos. Fabricator:- QRs. 88.00 per Hour x 199.00 hours= QRs. 17,512.00.	17,872.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Materials/Consumable:- QRs. 360.00.	
1811	REPAIR OF WEATHER DECK:-	2,824.00
	Ship weather deck inspected, damaged area on main engine fwd. , stbd thinned area cut and renewed. Insert Size 200 mm x 200 mm x 6 mm - 1 No. Scaffolding from engine room and main engine- 3M x 3M x 2 M - 1 No. Copper pipe removed for access and later refitted. Repaired area cleaned and painted. Fabricator/Welder:- QRs. 88.00 per Hour x 23 hours= QRs.2,024.00. Scaffolding:- Min 25 Square Meters x QRs. 30.00 per cubic meter = QRs. 750.00. Materials/Consumable:- QRs. 50.00.	
1812	REPAIR OF SHIP GALLEY DECK:-	80,256.00
	Ship galley deck inspected and damaged steel cut and removed. New plate fabricated, fitted and welded. Deck Insert M.S. Plate size 1200 mm x 1000 mm x 5mm thickness - 1 No. M.S. Plate size 450 mm x 1000 mm x 5mm thickness - 1 No. M.S. Plate size 450 mm x 1400 mm x 5mm thickness - 1 No. BHD insert plate size 350mm x 250mm x 7mmn thickness - 2 Nos., 12 dia drill holes - 05 Nos., Stainless steel bolt and washer size M 10 x 40mm - 5 Nos. Frame insert size 250mm x 250mm x 50mm folding. - 5 Nos. Deck stiffener size 900 mm x 75mm x 7mm thickness - 8 Nos. Galley all cupboard and freezer foundation repaired. Stainless steel angle bar size 100 mm x 6mm x 400 mm long - 2 Nos. Stainless steel angle bar size 100 mm x 6mm x 650 mm long - 2	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Nos. Stainless steel angle bar size 100 mm x 6mm x 150 mm long - 2 Nos. Stainless steel angle bar size 100 mm x 6mm x 1300 mm long - 1 No. Stainless steel angle bar size 100 mm x 6mm x 500 mm long - 1 No. Stainless steel angle bar size 100 mm x 6mm x 200 mm long - 1 No. Stainless steel angle bar size 100 mm x 6mm x 250 mm long - 1 No. Stainless steel angle bar size 100 mm x 6mm x 380 mm long - 1 No. Stainless steel angle bar size 100 mm x 6mm x 730 mm long - 1 No. Stainless steel angle bar size 100 mm x 6mm x 470 mm long - 1 No. All cupboard and freezer stainless steel sheets removed for access and refitted the same after the completion of work. Fresh water pipe line removed, modified and refitted. Electrical motor and cable disconnected, and motor removed for access. Refitted the same after the completion of work. Insulation removed and refitted for access Stainless steel self tapping screw M6 x 15mm - 60 Nos. used. Aluminum rivet, 3.2 mm - 75 Nos. used Stainless steel bolt and nut, M6 x 25 mm - 30 Nos. Pipe Work06 Nos. pipe removed for steel work and refitted the same after the completion of steel work.½" nipple - 1 no's and, ½" flexible hose renewed. Fabricator/Welder/Machinist/Electrician/Pipe fitter:- QRs. 88.00 per Hour x 742 hours= QRs. 62,296.00. Carpenter/Fire& safety man:- QRs. 75.00 per Hour x 210 hours= QRs. 15,750.00. material/Consumable:- 2,210.00.	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1813	SHIP BELL ELECTROPLATING:- Job has been cancelled.	
1814	RENEWAL OF KIDNEY HATCHES SEALS:- Included in Job No. 1803.	
1815	SHIP GALLEY FOOD HOIST:- Ship galley food hoist cleaned and greased. Cleaner:- QRs 48.00 per Houre x 4 Hours = QRs. 192.00.	192.00
1816	REPAIR OF HOLED AREA STBD. SIDE ABOVE WATER AREA:- Hold plate cropped and removed in way of stbd. Side above water area. New insert plate fabricated, fitted and welded. Insert plate size - 930mm x 610mm x 5mm thickness - 1 No. Internal frame insert size 220mm x 445mm x 5mm thickness - 1 No. Flat bar size 70mm x 6 mm thickness x 450mm long. - 1 No. Scaffolding arranged.- 3M x 2M x 5 M. - 1 No. Insulation removed and refitted in way of work location (included in Job No.1153). Accommodation area plywood removed for access and later refitted. MPI test caried out on weld joints. Fabricator/Welder:- QRs. 88.00 per Hour x 93 Hours = QRs. 8,184.00. Fireman:- QRs. 75.00 Per hour x 24 Hours = QRs. 1,800.00. Consumable;- QRs. 515.00.	10,499.00

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

E & O.E

MILAHA

S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1817	REPAIR OF CIC BELOW FUEL TANK:-	4,558.00
	CIC below fuel tank inside area corroded port side, gas freed and damaged plate cut and removed. New plate fabricated, inserted and welded. Size:- 500mm x 400mm x 6mm. thickness - 1 No. MPI test carried out on welding joints and certificate issued by Q.A./ Q.C. Fabricator/ Welder/QA/QC:- QRs. 88.00 per hour x 41 hours = QRs. 3,608.00. Fireman:- QRs. 75.00 per hour x 10 hours = QRs. 750.00. Consumable:- QRs. 200.00.	
1818	REPAIR OF PORT SIDE ENGINE ROOM NEAR THE GENERATOR Exhaust PLATE:-	6,058.00
	Port side engine room near the generator exhaust plate cut and renewed. Size: - 380mm x 300mm x 6 mm thickness - 1 No. Internal stiffener (FB)- 70mm x 6mm thickness x 300mm long - 1 No. Scaffolding arranged for access. 2M x 3M x 2.5M - 1 No. Cutting area (inside engine room) cleaned by HPTC section. Insulation removed and renewed in completion of work. Pipe or valves disconnected, removed and refitted in completion of work. MPI test carried out in weld joints. Fabricator/ Welder/QA/QC:- QRs. 88.00 per hour x 41 hours = QRs. 3,608.00. Fireman/Scaffolder:- QRs. 75.00 per hour x 30 hours = QRs. 2,250.00. Consumable:- QRs. 200.00.	

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

E & O.E

MILAHA
S&F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1819	REPAIR OF FWD. PORT SIDE BOW AREA:-	7,555.00
	Fwd. port side at bow area (pitting area)damaged steel cropped and removed. New insert plate fabricated, fitted and welded. Size : 930mm x 700mm x 6mm thickness - 1 No. Backing strip provided. Size - 35mm x 6mm thickness x 1000mm long. - 2 Nos. 35mm x 6mm thickness x 850mm long - 1 No. Draught number welded in way of new plate. Scaffolding arranged for access. 2M x 3M x 1.5M. - 1 No. MPI test carried out in weld joints. Fabricator/ Welder/QA/QC:- QRs. 88.00 per hour x 60 hours = QRs. 5,280.00. Fireman/Scaffolder:- QRs. 75.00 per hour x 27 hours = QRs. 2,025.00. Consumable:- QRs. 250.00.	
1820	REPAIR OF STBD. SIDE NEAR THE EXHAUST OF GENERATOR HOLE AREA:-	19,260.00
	Stbd. side near the exhaust of generator, holed and thinned area plate cut and removed. New insert plate and internals fabricated, fitted and welded. Side shell insert - 120mm x 1220mm x 5mm thickness - 1 No. Tank deck plate - 750mm x 450mm x 5mm thickness - 2 Nos. Internal stiffener - 75mm x 6mm thickness fabricated bulbar 1000mm long - 2 Nos. Internal frame insert - 250mm x 75mm x 6mm thickness Bend plate 100mm x 05 mm. - 1 No. Access work. Scaffolding arranged and - 3M x 2M x 2M - 1 No. Fuel oil transferred, Tank gas freed, Air pressure test carried out and QC inspected. 70 Nos. counter weight removed for access and later refitted after on completion of steel repair works.	

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

E & O.E

ALALA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Fabricator/ Welder:- QRs. 88.00 per hour x 170 hours = QRs. 14,960.00. Fireman/Scaffolder:- QRs. 75.00 per hour x 52 hours = QRs. 3,900.00. Consumable:- QRs. 400.00.	
1821	REPAIR OF AFT TRANSOM PLATE PETTING AREA:-	10,445.00
	Aft transom plate pitted area cropped. New plate fabricated, fitted and welded. Size: 450mm x 3100mm x 5 mm thickness - 1 No. Inside the steering room, cleaned and painted by HPTC section. Scaffolding arranged. - 2M x 4M x 2 M. - 1 No. Fabricator/ Welder:- QRs. 88.00 per hour x 100 hours = QRs. 8,800.00. Scaffolder:- QRs. 75.00 per hour x 20 hours = QRs. 1,500.00. Consumable:- QRs. 155.00.	
1822	REPAIR OF WAVE BREAKER:-	5,040.00
	Wave breaker brackets and damaged pipes in top repaired. Port side bracket- 400mm x 25mm x 100mm x 40mm folding x 5mm thickness - 1 No. Stbd. Side bracket - 250mm x 175mm x 100mm x 40mm folding x 5 mm thickness - 1 No. Wave breaker stbd. Side insert - 150mm x 120mm x 6 mm thickness Port damaged top pipe renewed. - 1 ½" x sch. 80 x 900mm long. - 1 No. Deck insert in way of stbd. side wave breaker - 280mm x 130mm x 6mm thickness Insulation removed and refitted for access. Fabricator/ Welder:- QRs. 88.00 per hour x 55 hours = QRs. 4,840.00. Consumable:- QRs. 200.00.	

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

E & O E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1823	REPAIR OF SKY HATCH:-	73,733.00

Port and stbd. side sky hatch disconnected, removed, shifted to workshop, inspected, damaged area repaired, The base of both sky hatch (1180 x 3980 - 2 Nos.) repaired, Scaffolding arranged in aft engine room port and stbd. Side.5M x 3M x 2.5 M - 2 Nos.
Spacer plate - 90mm x 70mm x 3mm thickness Provided with 18mm dia. Holes. - 40 Nos.
Base area repair - M.S. Plate - 700 mm long x 75mm width x 8mm thickness - 2 Nos.
Corner deck M.S. Plate - 300mm x 300mm x 8mm thickness- 08 Nos.
M.S. Plate - 750mm x 75mm x 8 mm - 2 Nos.
M.S. Plate -2450mm x 75mm x 8 mm - 1 Nos.
M.S. Plate - 700mm x 200mm x 8 mm - 1 Nos.
M.S. bracket - 50mm x 80mm x 10mm - 14 Nos.
M.S. Plate - 450mm x 50mm x 8 mm thickness -7 Nos.
M.S. lower corner plate - 300mm x 200mm x 6mm. - 08 Nos.
Base - M.S. Channel 60 x 30 x 40mm 8 mm thickness - 2500mm long - 06 Nos.
Rubber beading - 40mm x 20mm. - 1040mm long - 2 Nos.
Existing damaged aluminum retaining flat bar (coaming)cut and removed.
New flat bar fabricated, fitted and welded. Aluminum Flat bar - 60mm x 08mm x 2000 mm long - 06 Nos.
Stainless steel bolt, nut and washer- M 16 x 70mm - 80 Nos.Sika flex applied - 12 Nos.

Fabricator/Welder:- QRs. 88.00 per hour x 646 Hours = QRs. 56,848.00.
Scaffolder/Fireman:- QRs. 75 Hours x 120 Hours = QRs. 9,000.00.
Material/Consumable;- QRs. 7,885.00.

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

E. & O.E

ALAHA MILAHA S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1824	REPAIR OF MAIN DECK HOLE AREA:-	35,739.00
	Damaged Main deck plates renewed Main deck insert plates:- Size 250mm x 200mm x 6mm thickness - 12 Nos. Size 300mm x 300mm x 6mm thickness - 04 Nos.200mm x 150mm x 6mm thickness - 04 Nos. Ceiling panel at 6 Location removed for access and later refitted. Fabricator/Welder:- QRs. 88.00 per hour x 335 Hours = QRs. 29,480.00. Fireman:- QRs.75.00 per hour x 77 Hours = QRs. 5,775.00. Consumable;- QRs. 484.00.	
1825	REPAIR OF STBD. SIDE NEAR MAIN ENGINE EXHAUST HOLE AREA:-	12,750.00
	Stbd. side near the main engine exhaust holed and thinned at mid ship, same area cut, new plate fabricated, inserted and welded. Insert size 775mm x 540mm x 7mm thickness - 1 No. Fabricated bulbar size 80mm x 6 mm thickness x 540mm long - 3 Nos. Internal frame insert size 120mm x 800mm x 5mm thickness - 1 No. M.S. flat bar size 70mm x 5mm x 150mm long - 2 Nos. MPI test carried out on weld joints. Scaffolding arranged- 3M x 2M x 1.5M. - 1 No. Repaired area painted by HPTC section. Fabricator/Welder:- QRs. 88.00 per hour x 100Hours = QRs. 8,800.00. Scaffolder/Fireman:- QRs.75.00 per hour x 50 Hours = QRs. 3,750.00. Consumable;- QRs. 200.00.	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1826	REPAIR OF PORT SIDE MID SHIP WATER LINE AREA:-	41,468.00

Port side mid ship at water line area in way of C.I.C. room and engine room damaged steel cut and removed.
New steel insert plate fabricated fitted and welded.
Size: - Shell plate, (Lower) - 495mm x 1110mm x 8mm thickness - 1 No.
Shell plate, (Upper) - 1110mm x 710mm x 5mm thickness - 1 No.
Internal stiffener- 600mm x 135mm x 8mm thickness - 1 No.
Frame insert - 360mm x 300mm x 6mm thickness - 1 No.
Stiffener - 800mm x 200mm x 6mm thickness
Bracket web plate- 340mm x 550mm x 6mm thickness - 1 No.
Bracket face plate - 300mm x 80mm x 6mm thickness- 1 No.
Stiffener - 100mm x 80mm x 6 mm thickness - 07 Nos.
Stiffener - 300mm x 90mm x 6 mm thickness - 05 Nos.
Bracket - 250mm x 120mm x 6mm thickness - 05 Nos.
Stiffener - 1050mm x 70mm x 6mm thickness - 03 Nos.
Stiffener - 800mm x 70mm x 6mm thickness - 05 Nos.
Stiffener - 300mm x 90mm x 6mm thickness - 05 Nos.
Flat bar - 50mm x 6 mm thickness x 1050mm long- 1 No.
Draft line marking strip. - 1200mm x 145mm x 6mm thickness- 1 No.
Over board doubler plate. - O.D. 125mm. I.D52mm x 6 mm. - 2 Nos.
Scaffolding arranged for access 3M x 3M x 3M - 1 No. (Two times.)
Insulation materials removed and refitted in four locations for access (Included in Job NO. 1153).
All pipe line in way of repairing area removed and refitted for access.

Fabricator/Welder:- QRs. 88.00 per hour x 381Hours = QRs. 33,528.00.
Scaffolder/Fireman:- QRs.75.00 per hour x 90 Hours = QRs. 6,750.00.
Material/Consumable;- QRs. 1,190.00.

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1827	REPAIR OF KEEL AREA:-	48,935.00

Make two drill holes in keel area to drain dirty water.
Flammable liquids cleaned from the cutting area by fresh water.
Damaged bottom plate cut and renewed.
New plate fabricated, fitted and welded.
Insert Sizes as follows:-
Size 710mm x 210mm x 10mm thickness - 1 No.
Size 780mm x 22mm x 10mm thickness - 1 No.
Size 850mm x 22mm x 10mm thickness - 1 No.
Size 425mm x 22mm x 10mm thickness - 1 No.
Size 300mm x 22mm x 10mm thickness - 1 No.
Approx. 60 locations repaired by build-up welding.
All repaired area cleaned and painted.
Extension Aft and fwd. bottom keel damaged area cut and renewed. Drain sea water from every compartments by drilling.
FWD keel plate - 2900mm x 204mm x 10mm thickness - 1 No.
FWD keel, side plate -70mm x 2900mm x 10mm thickness - 2 Nos.
Aft keel area bottom plate - 2200mm x 204mm x 10mm thickness - 1 No.
Aft Keel Plate - 204mm x 1000mm x 10 mm - 1 No.
FWD, STB shell plate, 410mm 910mm x 6mm thickness AFT and FWD bottom keel damaged plates to be cut and renewed with new insert plates 10 mm thickness.

Fabricator/Welder:- QRs. 88.00 per hour x 450Hours = QRs. 39,600.00.
Fireman:- QRs.75.00 per hour x 90 Hours = QRs. 6,750.00.
Material/Consumable;- QRs. 2,585.00.

1828	RENEWAL OF PORT SIDE EXHAUST RING:-	10,964.00

Stbd. side near the main engine exhaust holed and thinned at mid ship, same area cut, new plate fabricated, inserted and welded.
Insert size - 775mm x 540mm x 7mm thickness - 1 No.

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

E & O.E.

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Fabricated bulbar.- 80mm x 6 mm thickness x 540mm long - 03 Nos. Internal frame insert - 120mm x 800mm x 5mm thickness - 1 No. M.S. flat bar - 70mm x 5mm x 150mm long - 2 Nos. MPI test carried out on weld joints. Scaffolding arranged- 3M x 2M x 1.5M. - 1 No. Repaired area painted by HPTC section. Fabricator/Welder:- QRs. 88.00 per hour x 88Hours = QRs. 7,744.00. Scaffolder/Fireman:- QRs.75.00 per hour x 38 Hours = QRs. 2,850.00. Material/Consumable;- QRs. 370.00.	
1829	SEWAGE TANK:-	77,539.00
	Fwd. area below of main deck sewage Stainless steel tank damage. Over all size - 1000mm dia. x 1600mm x 06mm thickness. Tank disconnected and shifted to workshop. Cut an opening on main deck area to lift the tank out. Size - 1320mm x 1320mm. All new pipe fittings and sensor brackets fabricated in machine shop. Fabricated, installed and welded new stainless steel sewage tank. Tank pressure tested. Pipe Lines cleaned and damaged pipes repaired below of tank. Electrical panels disconnected, removed and refitted in completion of work. Scaffolding arranged. 1M x 1M x 3M. Damaged (P & S) chequered plate Cut by grinding machine in way of deck access opening. New plate fabricated fitted and welded. Size - 2800mm x 300mm x 6mm thickness - 2 Nos.	

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

E & O.E

ALALA MILAHA S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA . QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Fabricator/Welder/Pipe Fitter/Electrician:- QRs. 88.00 per hour x 723 Hours = QRs.63,624.00. Material/Consumable:- QRs. 13,915.00.	
1830	REPAIR OF MUSHROOM HEAD:-	25,930.00

All mushroom head disconnected, removed, shifted to workshop, cleaned, blasted, repaired, and painted. Rubber gaskets renewed. Base of mushroom head flanges and pipe inspected, and repaired .2 Nos.
FWD.. MUSHROOM HEAD Details :
Top rubber sheet - 325mm x 625mm x 6mm thickness - 1 No.
Side rubber sheet - 510mm x 310mm x 6mm thickness - 2 Nos.
Back side rubber sheet - 710mm x 375mm x 6mm thickness - 1 No.
Top cover plate rubber gasket -380mm x 680mm x 3mm - 1 No.
Door rubber packing - 610mm x 310mm x 3mm thickness - 1 No.
Door bolts - M 12 x 75mm long - 2 Nos.
Top Cover bolts. S.S. Bolts, M8 x 30mm . - 22 Nos.
Deck Flange bolt. M6 x 30mm. - 20 Nos.
Deck Flange Gasket - 500mm dia. x 35mm x 03mm long.
Door lock key. - 2 Nos.Stainless steel ring - 04 Nos.
Stainless steel chain - 03 mm x 200mm. - 2 Nos.2 Nos.
AFT MUSHROOM HEAD Air vent gasket - 2" dia. x 3 mm thickness - 1 No.
Stainless steel bolt - M 10 x 80 mm long - 04 Nos.
Top rubber gasket - 500mm x 320mm x 6 mm thickness
Top Plate rubber gasket- 565mm x 380mm x 3mm thickness - 1 No.
Top Plate stainless steel bolt - M8 x 30mm - 20 Nos.
Side rubber - 520mm x 320mm - 2 Nos.
Door bolt - stainless steel, M 10 x 75 - 2 Nos.
Door key with ring - 2 chain.
Door rubber Packing - 500mm x 320m m x 03 mm - 1 No.
Deck Flange gasket - 12" dia x 35mm - 1 No.
Deck flange bolt - M 06 x 25 mm 16 Nos.
SMALL MUSHROOM - FWD AREA.
06 Nos. mushroom head bolts opened and shifted to work shop.

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

E & O.E.
ALAHA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	All mushroom vent head dismantled, sand proof rubber removed and send for blasting and painting. 03 Nos. mushroom vent head repaired by build up welding. 04 Nos. Mushroom vent head door repaired. Stainless steel bolt, nut, Washer, M10 x 75mm long - 2 Nos. Top Cover bolt - M8 x 30mm - 20 Nos. Top cover rubber gasket - 500mm x 320mm x 6mm thickness - Sika Flex provided. Top cover rubber gasket - 560mm x 380mm x 3mm thickness - 1 No. Side rubber- 520mm x 320mm x 6 mm with 2 Nos. sika flex. Side rubber-360mm x 560mm x 6 mm. - 1 No. Stainless steel bolt M6 x 30mm - 24 Nos. Deck flange rubber gasket -300mm O.D., 240mm I.D.- 1 No. Rubber gasket - 500mm x 300mm x 3 mm thickness .Drill tapping work carried out for door bolts. Fabricator/Welder:- QRs. 88.00 per hour x 255 Hours = QRs. 22,440.00. Painter/ :- QRs. 75.00 per hour x 30 Hours = QRs. 2,250.00. Material/Consumable:- QRs. 1,240.00.	
1831	FWD. AND AFT GUN DECK SS PLATE:- Fwd. and aft gun deck area aluminum cover plates opened, removed, sand blasted, painted and refitted with new stainless steel screws. FWD. Gun bottom cover plate overall size - 1000mm x 500mm x 3mm thickness (aluminum,) - 08 Nos. New hole drilled and tapped on same plate and frame - M6 - 128 Nos. Stainless steel Allen head counter sunk screw (M6 x 50mm Long)- 128 Nos. Aft. Gun bottom cover plate overall size - 1300mm x 310mm x 3mm thickness (aluminum,) - 06 Nos. Total 138 Nos. stainless steel Allen head counter sunk screw renewed.	34,052.00

E & O E

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

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Aft gun bottom cover plate re[paired by aluminum welding - 04 Pcs. All cover blasted and painted. Gun area fwd. And aft holed area cut and removed. Aft area deck insert New insert plate fabricated, fitted and welded. Size:- 400mm x 300mm x 8mm thickness- 06 Nos. 300mm x 300mm |x 8 mm thickness - 03 Nos. 600mm x 400mm x 8mm thickness - 1 No. Damaged bracket for gun base repaired as per Navy instruction. Bracket size -220mm x 150mm x 5 mm thickness` 08 Nos. Frame size - 220mm x 150mm x 5mm thickness - 08 Nos. FWD. area deck damaged bracket for gun base repaired as per Navy instruction. Bracket 150mm x 100mm x 5 mm thickness- 06 Nos. Frame - 250mm x 150mm x 5mm thickness-08 Nos. Fabricator/Welder:- QRs. 88.00 per hour x 374 Hours = QRs. 32,912.00. Material/Consumable:- QRs. 1,140.00.	
1832	REPAIR OF PORT MID SHIP UNDER WATER STABILIZER AREA:- Port side mid ship under water area at stabilizer area thinned plate cut and new insert plate fabricated and fitted, welded. Damaged stiffeners and brackets cut and renewed. Stiffener - 80mm width x 07mm thickness x 850mm long. - 05 Nos. Bulkhead- 360mm x 1000mm long x 5mm thickness - 1 No. Bracket - 175mm x 150mm x 7mm thickness Stiffener - 900mm x 225mm x 5mm thickness Bottom Plate insert - 1050mm x 1775mm x 5mm thickness - 1 No. stabilizer area bottom insert - 1200mm x 800mm x 7mm thickness New stabilizer brackets renewed as per sample. Stabilizer bracket plate - 700mm x 750mm x 16mm thickness Provided with 14 Nos., 18mm dia. drill holes. Stainless steel bolts - M 16 x 50mm. - 14 Nos.	43,174.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Stiffener - 120mm x 9000x 10mm. - 1 No. Stiffener - 180mm x 80x 07mm. - 1 No. Stiffener - 200mm x 75x 06mm. - 1 No. Stiffener - 200mm x 900x 07mm. - 1 No. Frame - 360mm x 500mm x 1Nos. Frame - 425mm x 210mm x 1Nos. Bracket - 60mm x 595mm x 7 mm thickness - 1 No. Bracket - 60mm x 290mm x 7 mm thickness - 1 No. Fitting and welding inspected by QA/ QC. Access work: Scaffolding arranged - 2.5M x 2.5M x 1M. - 1 No. Stabilizer base plate removed and refitted for access. Internal area cleaned by cleaning section. Electrical cables and electrical cable tray removed and refitted. File rack removed and refitted after completion of work. Access work done by pipe section Total 05 Nos. pipe removed and re-fitted. 2 ½' M.S. Pipe, 3000mm long, 03 flanges - 1 No. 2 ' M.S. Pipe, 2500mm long, 03 flanges - 1 No. 1"' M.S. Pipe, 2500mm long, 03 flanges - 2 Nos. 2" copper pipe, 1.5mm long - 1 No. Fabricator/Welder:- QRs. 88.00 per hour x 393 Hours = QRs. 34,584.00. Fireman:- QRs. 75.00 per hour x 90 hours = QRs. 6,750.00. Material/Consumable:- QRs. 1,840.00.	
1833	RENEWAL OF PORT AND STBD. SIDE GENERATOR EXHAUST FRAME:- Port and stbd. aft engine room near generator exhaust damaged frame renewed. Frame T/F plate. 200mm x 100mm x 10mm thickness - 1 No. Frame plate. - 200mm x 300mm x 5mm thickness - 1 No. Damaged side shell plate cut and renewed. Size: 1280mm x 1000mm x 8mm thickness - 1 No. 03 Nos. pipeline removed and refitted after the completion of steel work for access.	17,110.00

E & OE

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

MILAHA
S&F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Generator muffler disconnected and removed for access. Refitted the same after the completion of work. Scaffolding arranged for access- 2M x 3M x 2M. - 1 No. Fabricator/Welder:- QRs. 88.00 per hour x 145 Hours = QRs. 12,760.00. Fireman/Scaffolder:- QRs. 75.00 per hour x 48 hours = QRs. 3,600.00. Material/Consumable:- QRs. 750.00.	
1834	RENEWAL OF STEERING ROOM BOTTOM PLATE ENTERENCE AREA:-	12,545.00
	Steering room bottom plate entrance area in way of coffer dam cut and renewed. Port side insert plate size: - 765mm x 700mm x 8mm thickness 1 No. Stbd. Plate 600mm x 600mm x 8mm thickness Internal stiffener- 80mm x 6mm thickness x 800mm long- 03 Nos. Bracket size - 240mm x 140mm x 6mm thickness- 03 Nos. Flat bar - 70mm x 6 mm thickness x 150mm long. - 2 Nos. Scaffolding arranged for access. - 3M x 3M x 1M. - 1 No. Cleaning and painting done on repaired area. Fabricator/Welder:- QRs. 88.00 per hour x 115 Hours = QRs. 10,120.00. Fireman/Scaffolder:- QRs. 75.00 per hour x 25 hours = QRs. 1,875.00. Material/Consumable:- QRs. 550.00.	
1835	RENEWAL OF STBD. SIDE FWD DAMAGED PLATE :-	21,900.00
	Stbd. side fwd. damaged and thinned plates cut and renewed. New plates fabricated, inserted and welded in way of A/C compartment. Shell insert plate 1665mm x 1660mm x 6 mm.	

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

E & OE

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Longitudinal stiffener1450mm x 80mm x 8mm - 06 Nos. Longitudinal stiffener 1000 x 80 x 8 mm -1 Nos. 2" dia. Pipe for overboard - 100mm long- 1 Nos. 1 ½" pipe overboard , 100mm long - 1 Nos. Over head frame 200mm x 75mm x 1500mm long - 2 Nos. Vertical frame, 200mm x 75mm x 1500mm long. Scaffolding arranged - 4M x 3M x 1M. Fit-up and welding inspected by QC. Fabricator/Welder:- QRs. 88.00 per hour x 200 Hours = QRs. 17,600.00. Fireman/Scaffolder:- QRs. 75.00 per hour x 50 hours = QRs. 3,750.00. Material/Consumable:- QRs. 1500.00.	
1836	RENEWAL OF PORT SIDE FWD DAMAGED PLATE :- Port side fwd. thinned and damaged plates cut and removed, New plates fabricated, inserted, welded. Steel insert- 2200mm x 1100mm x 6mm thickness - 1 Nos. Longitudinal stiffeners - 80mm x 8 mm x 1200 - 04 Nos. Scaffolding arranged for access - 4m x 3m x 1m . - 1 Nos. Welding and fit-up inspected and passed by QC. Fabricator/Welder:- QRs. 88.00 per hour x 110 Hours = QRs. 9,680.00. Fireman/Scaffolder:- QRs. 75.00 per hour x 50 hours = QRs. 3,750.00. Material/Consumable:- QRs. 910.00.	14,340.00
1837	BUILD UP WELDING:- Build up welding carried out at under water and above water area (85 locations) as per Navy instruction. FWD shell area port and stbd. Side - 10 locations Main deck (	6,548.00

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

E & O.E
MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	FWD. and AFT.) - 80 locations. Welder:- QRs. 88.00 per hour x 71 Hours = QRs. 6,248.00. Consumable:- QRs. 300.00.	
1838	RENEWAL OF STBD. SIDE ABOVE WATER ANCHOR SEAT AREA PLATE:- Stbd. Above water area in way of anchor seat, damaged plate renewed. New insert plate fitted and welded. Size - 1400mm x 870mm x 5mm thickness - 1 No. Internal stiffeners - (F. Bar)70mm x 6mm thickness x 1500mm long. - 03 Mosbacher seat plate partly removed for access. New doubler plate fabricated, fitted and welded. - 500mm x 200mm x 8 mm thickness - 1 No. Doubler plate Size - 250mm x200mm x 8mm thickness - 1 No. MPI test carried on welding joints. Repaired area cleaned and painted. Fabricator/Welder:- QRs. 88.00 per hour x 120 Hours = QRs. 10,560.00. Material/Consumable:- QRs. 397.00.	10,957.00
1839	AFT ENGINE ROOM STBD. SIDE AIR CYLINDER RACK:- AFT engine room stbd. side air cylinder rack renewed. Damaged rack cut and removed by grinding machine. New rack fabricated fitted and welded. M.S. Angle bar, 50mm x 50mm x 5mm thickness - 325mm long - 2 Nos.M.S. Angle bar, 50mm x 50mm x 5mm thickness - 50mm long - 04 Nos. M.S. Plate. - 150mm x 75mm x 6mm thickness - 04 Nos. Holding plate, 320mm x 280mm x 6mm thickness Provided with 50mm bend for both side. Provided 14mm dia. Drill holes for bolting. Stainless steel bolt & Nut. - M 12 x 50mm. long - 2 Nos. Area cleaned and painted by H.P,.T.C. section.	4,626.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Fabricator/Welder:- QRs. 88.00 per hour x 52 Hours = QRs. 4,576.00. Consumable:- QRs. 50.00.	
1840	REPAIR OF MAIN DECK STEEL BOOM HOLE AREA:-	5,349.00
	Main deck crane steel boom holed damaged area cut and new insert plate fitted and welded. Scaffolding arranged for work at main deck. Insulation work carried out for access. Scaffolding - 2M x 2M x 1 T. Bottom hydraulic hose and clamp removed and refitted after the completion of work.-2 Nos. Fabricator/Welder:- QRs. 88.00 per hour x 53 Hours = QRs. 4,664.00. Scaffolding:- QRs. 625.00. Consumable:- QRs. 60.00.	
1841	REPAIR OF SEA CHEST WITH TOP PLATES AND SUCTION PIPES:-	
	Job has been Cancelled.	
1842	REPAIR OF FWD. PORT SIDE ABOVE OF KEEL AREA:-	7,124.00
	Fwd. port side above of keel area damaged thinned plate cut and new plate fabricated, inserted and welded. Damaged stiffeners and brackets renewed in way of shell plate Side shell insert plate - 1100mm x 980mm x 6mm thickness - 1 Nos. Internal stiffener - 75mm x 6mm x1000mm long. - 1 Nos. Internal Transverse bracket - 500mm x 300mm x 5mm thickness - 1 Nos. Internal Transverse Girder face plate - 70mm x 5mm thickness x 850mm Internal wave plate - 300x 800x 5mm - 1 Nos.	

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

MILAHA S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Inside tank cement brocked and removed for access. Fit-up and welding inspected by QA/ QC. Fabricator/Welder:- QRs. 88.00 per hour x 68 Hours = QRs. 5,984.00. Cleaner:- QRs. 48.00 Per hour x 20 hours = QRs. 960.00. Consumable:- QRs. 180.00.	
1843	RENEWAL OF PORT SIDE UNDER WATER AREA A/C COMPT. AND BATH ROOM AREA:- Port side under water area at A/C compartment and bath room area, thinned plate and damaged frames cut and removed. New plate and frames fabricated, fitted, inserted and welded. Size - 1150mm x 850mm x 5mm thickness - 1 No. Stiffener - 80mm 550mm x 6mm thickness - 03 Nos. B.H.D. Bracket. 240mm x 130mm x 6mm thickness- 03 Nos. Scaffolding arranged. 3M x 2M x 1.5M - 1 No. Insulation material removed and refitted for access (included in Job No. 1153). Fitting and welding inspected by QA/ QC. Fabricator/Welder:- QRs. 88.00 per hour x 81 Hours = QRs. 7,128.00. Painter/Scaffolder/Fireman:- QRs. 75.00 Per hour x 48 hours = QRs. 3,600.00. Consumable:- QRs. 100.00.	10,908.00
1844	RENEWAL OF PORT SIDE ABOVE WATER AREA FWD. STORE AREA :- Job has been cancelled.	
1845	FREEING OF ANCHOR SWIVEL:-	1,908.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Port side anchor swivel heated and freed and one D shackle cut and new one supplied and fitted in same position. Stainless steel 'D' Shackle -2 ½" x 12mm. - 1 No. Anchor securing turn buckle found bend. Straightened and freed by heating and hammering. Anchor chain and accessories lubricated by rigging section. Fabricator/Welder:- QRs. 88.00 per hour x 16 Hours = QRs. 1,408.00. Rigger:- QRs. 75.00 Per hour x 4 hours = QRs. 300.00. Material/Consumable:- QRs. 200.00.	
1846	RENEWAL OF FWD. BOW AREA PORT AND STBD. SIDE:- Fwd. bow area port and stbd. side including fresh water tank area shell plate cut and new plates fabricated fitted and welded. Damaged internal frames, brackets, stiffeners cut and renewed, in way of plates draught numbers fabricated, fitted and welded. Port side shell insert plate - 2750mm x 1500mm x 6mm thickness - 1 Nos.(with draft mark.) Port side insert - 1050 mm x 2230 mm x 6mm thickness - 1 Nos. Stbd. Side shell insert - 1030mm x220mm x 6 mm thickness - 1 Nos. BHD. Size in way of fresh water tank-1375mm x 1100mm x 8mm thickness- 1 Nos.T/W frame size - 1200mm x 800mm x 6mm - 04 Nos. Chain locker area frame size - 850mm x 950mm x 8 mm - 2 Nos. Longitudinal stiffener - 80mm x 8mm x 320mm long. -2 Nos.Longi stiffener end bracket - 190mm x 590mm x 8mm-2 Nos.Vertical plate - 80mm x 25mm folding.- 2 Nos.Bracket -150mm x 150mm x 8mm thickness- 2 Nos.Flat bar - 70mm x 8mm x 460mm - 2 Nos.Flat bar - 70mm x 8mm x 275mm - 2 Nos. Fresh water area cement brockened for access. Applied cement after the completion of steel repair (included in Job No.2400).	71,701.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Existing bitumen removed and replaced (included in Job No.1156). Fit up and welding inspected by Q/C. Scaffolding arranged. 6M x 3 M x 2 M - 1 Nos. Fabricator/Welder:- QRs. 88.00 per hour x 667 Hours = QRs. 58,696.00. Scaffolder/Fireman:- QRs. 75.00 Per hour x 141 hours = QRs. 10,575.00. Consumable:- QRs. 2,430.00.	
1847	RENEWAL OF PORT SIDE SKY HATCH:- Included in Job No. 1851.	
1848	REPAIR OF GALLEY SIDE HOLED AREA:- Galley side stbd. holed area cut and new plate fabricated inserted and welded. Side shell plate size : 460mm x 2190mm x 5mm thickness, - 1 No. Side shell plate size : 460mm x 1500mm x 5mm thickness, - 1 No. Pipeline removed for access and later refitted. Insulation materials removed for access and later refitted (included in Job No. 1153). Scaffolding arranged - 06M x 2M x 05M - 1 No. Fabricator/Welder:- QRs. 88.00 per hour x 200Hours = QRs. 17,600.00. Scaffolder/Fireman:- QRs. 75.00 Per hour x 80 hours = QRs. 6,000.00. Consumable:- QRs. 625.00.	24,225.00
1849	RENEWAL OF MAIN ENGINE SHELL PLATE:-	26,748.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	For access outlet exhaust pipe for main engines shell plate cropped. New plates fabricated, inserted, and welded in completion of work. Size - 1450mm x 1300mm x 7mm thickness - 1 No. Vertical frame insert plate- 180mm x 980mm x 5 mm thickness - 1 No. Longitudinal stiffener - 350mm x 80mm x 8mm thickness - 1 No. Longitudinal stiffener - 850mm x 80mm x 8mm thickness - 1 No.L Longitudinal stiffener - 350mm x 80mm x 8mm thickness - 1 No. Longitudinal stiffener - 600mm x 80mm x 8mm thickness - 1 No. Longitudinal stiffener - 650mm x 80mm x 8mm thickness - 1 No. Longitudinal stiffener - 1300mm x 80mm x 8mm thickness - 1 No. Vertical support with elbow - 150mm x 80mm x 8mm thickness-2 Nos. Vertical support with elbow - 250mm x 80mm x 8mm thickness-2 Nos. Scaffolding arranged from out side , 4M x 3M x 2.5M - 1 No. Backing strip flat bar sizes 35mm x 5 mm x 1400mm. - 04 Nos.35mm x 5 mm x 1600mm. - 04 Nos.I.D. 590mm x O.D. 660mm x 5 mm thickness Fit-up and welding inspected by QC. Insulation materials removed for access and later refitted (included in Job No. 1153). Fabricator/Welder:- QRs. 88.00 per hour x 216 Hours = QRs. 19,008.00. Scaffolder/Fireman:- QRs. 75.00 Per hour x 84 hours = QRs. 6,300.00. Material/Consumable:- QRs. 1,440.00.	
1850	REPAIR OF ABOVE WATER AREA STBD. SHELL PLATE:- Stbd side above water area damaged steel cut and renewed in way of air treatment unit and accommodation. FWD. insert plate -3210mm x 330mm x 5mm thickness - 1 No. Aft area insert - 1350mm x 330mm x 5mm thickness - 1 No. Lower area insert - 1060mm x 330mm x 5mm thickness - 1 No.	18,810.00

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

E & OE

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Stiffener - 70mm width x 6mm thickness x 1000mm long - 05 Nos. Scaffolding arranged - 6m x 6M x 5M - 1 No. All Materials removed from accommodation area for hot work. Refitted the same after the completion of work. Insulation materials removed and refitted after the completion of work (included in Job No. 1153). Fabricator/Welder:- QRs. 88.00 per hour x 158 Hours = QRs. 13,904.00. Carpenter/Fireman:- QRs. 75.00 Per hour x 62 hours = QRs. 4,650.00. Consumable:- QRs. 256.00.	
1851	RENEWAL OF SKY HATCH TOP ALUMINIUM PLATE:-	15,037.00
	Port side sky hatch top aluminums damaged frames and plate cut and renewed. Opened and removed sky hatch (port side), shifted work shop Deck plate area cut and renewed. Approx 1220mm x 1070mm x 6mm thickness Both side- 1 Nos. Sky hatch lift eyes cut by grinder, straighten and rewelded the same (50mm x 60mm x 8mm thickness- 2 Nos. Aluminum stopper - (300mm x 90mm x 8mm thickness) plate cut removed. Refitted and welded one new plate same size. Aluminum stopper plate cut and refitted- size - 100mm x 6 mm.- 2 Nos. Under deck area damaged frames make straight by cut and reweld. Fabricator/Welder:- QRs. 88.00 per hour x 169 Hours = QRs. 14,872.00. Material/Consumable:- QRs. 165.00.	
1852	FABRICATION OF MAP HOLDER:-	4,372.00

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

E & O.E

ALAHA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Port and stbd. side map holder fabricated and renewed. Total 2 number map holder fitted in position after painting. Existing map holder, port and stbd side removed from wheel house. M.S. flat bar50mm x 6mm thickness x 750mm long, provided with 90 deg. Bend and six 10mm dia. drill holes Flexible clamp fabricated using stainless steel round bar and welded in position. Stainless steel nut and bolt - M8 x 30mm. long.- 05 Nos. Channel fabricated using stainless steel 03mm thickness plate. Fabricator/Welder:- QRs. 88.00 per hour x 49 Hours = QRs. 4,312.00. Consumable:- QRs. 60.00.	
1853	AFT GUN MAIN DECK GUN TRAINING MAIN PLATE:-	3,784.00
	Aft gun main deck gun training main plate port and stbd side old plate cut and removed by grinding machine. Plate size 85mm x 85mm x 8mm thickness - 1 No. Plate fabricated and 04 Nos. drilled lapping map screw fitted and welded as per navy instruction. Stainless steel bolt M6 x 2 Nos. Another new plate fabricated, fitted and welded in same location. Size 85mm x 85mm x 8mm thickness - 1 No. Logo fitted using M6 x 15mm long stainless steel 08 Nos. screws. Insulation materials removed and refitted for access. Repaired area cleaned and painted. Fabricator/Welder:- QRs. 88.00 per hour x 43 Hours = QRs. 3,784.00.	
1854	AFT GUN MAIN DECK GUN TRAINING MAIN PLATE:-	

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

E & O.E

ALALA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Included in Job No. 1853.	
1855	FABRICATION OF SS FLANGE FOR SENSOR:-	628.00
	One sensor transmitter damage and leakage navy spare not available, so one No. new stainless steel flange fabricated and fitted.	
	Pipe fitter:- QRs. 88.00 per hour x 6 Hours = QRs. 528.00. Material/ Consumable:- QRs. 100.00.	
1856	RENEWAL OF PORT SIDE AREA IWO FUEL TANK:-	24,760.00
	Side block pitted area in way of port side fuel tank and engine room, Damaged steel Cut and removed. New plate fabricated, fitted and welded. Bottom insert - 1750mm x 1050mmx 6mm thickness - 1 No. Internal stiffener - 70mm x 6mm thickness x 750mm long - 06 Nos. Scaffolding arranged - 3M x 2M x 1M - 1 No. C.I.C technical room area Insulation materials removed and refitted by sub-contractor (included included in Job No. 1153). All electrical cables in way of repaired area cleared by electrical section. Electrical cable tray removed and refitted for access by electrical department. Fit and welding inspected by QA/ QC.	
	Fabricator/Welder/Electrician:- QRs. 88.00 per hour x 270 Hours = QRs. 23,760.00. Material/Consumable:- QRs. 1,000.00.	
1857	RENEWAL OF STBD. SIDE UNDER BHD. OF FWD. AND AFT ENGINE ROOM:-	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Job has been cancelled.	
1858	RENEWAL OF STABILIZER SIDE DAMAGED PLATE:-	24,388.00
	STBD side near the stabilizer area damaged plate cut and renewed, in way of C.I.C Technical room. Bottom steel insert - 1000 mm x 1775 mm x 5mm thickness- 1 No. Longitudinal stiffener - 710mm x 80mm x 8mm thickness - 03 Nos. Longitudinal stiffener - 730mm x 80mm x 8mm thickness - 1 stiffener - 830mm x 80mm x 8mm thickness - 1 No. Access work. Scaffolding arranged - 2.5 M x 2M x 1M - 1 No. Bilge strainer, housing and pipelines removed and refitted after the completion of work Fuel transferred to service tank. Special protection provided to C.I.C room and equipment. Approx. 5 mtr. New fire blanket applied. Fitting and welding inspected and passed by QA/QC.Diesel big tank air test carried out and report to be issued. Fabricator/Welder:- QRs. 88.00 per hour x 226 Hours = QRs. 19,888.00. Scaffolder/Fireman:- QRs. 75.00 per hour x 54 Hours = QRs. 4,050.00. Consumable:- QRs. 450.00.	
1859	RENEWAL OF STBD. SIDE FWD. BOTTOM PLATE:-	27,065.00
	STBD side FWD bottom plate under BHD at block area damaged plate cut and removed. New plate fabricated, fitted and welded. Bottom plate - 1840mm x 1230mm x 5mm thickness - 1 No. Stiffener - 730mm x 80mm x 8mm thickness- 06 Nos. Scaffolding arranged for access. - 205M x 2M x 1M - 1 No. Fuel transferred and tank cleaned. All pipelines and hoses disconnected and removed. Refitted the same on completion of work.	

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

E & O.E

ALILA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Area cleaned and painted. Fabricator/Welder:- QRs. 88.00 per hour x 250 Hours = QRs. 22,000.00. Scaffolder/Fireman:- QRs. 75.00 per hour x 63 Hours = QRs. 4,725.00. Consumable:- QRs. 340.00.	
1860	REPAIR OF MAIN DECK FWD. STBD. SIDE WHEEL HOUSE LADDER:- Main deck FWD.STBD side to wheel house aluminum ladder repaired. Opened and removed the ladder from position. Shifted to painting work shop for fiber work and painting. Shifted the ladder to vessel and installed in same position. Ladder base :- One M.S. Channel type base fabricated and welded on deck. Size - 135mm X 60mm X 07mm thick. X 200mm long. - 02 nos.Provided 12mm dia. Holes - 04 nos.Stainless steel bolt, M 10 X 30mm - 04 nos.Stainless steel washer, 10mm dia. - 8 nos. Fabricator/Welder:- QRs. 88.00 per hour x 127 hour = QRs. 11,176.00. Material/Consumable:- QRs. 630.00.	11,806.00
1861	REPAIR OF MAIN DECK FWD. STBD. SIDE THINNED PLATE:- Main deck FWD ,STBD side plate cut and renewed. Insert plate size 1100mm x 900mm x 5mm thickness 1 No. Ceiling and insulation materials removed for hot work and later refitted the same after the completion of work (included in Job No. 1153). Fitting and welding inspected and passed by QC. thinned, same cut to size approx. 1000 x 600 mm x 6 mm thickness ,new insert plate fabricated and inserted welded. Fabricator/Welder:- QRs. 88.00 per hour x 56 Hours = QRs.	7,023.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	4,928.00. Fireman:- QRs. 75.00 per hour x 20 Hours = QRs. 1,500.00. Consumable:- QRs. 595.00.	
1862	RENEWAL OF A/C COMPARTMENT ROOM STBD. SIDE THINNED DAMAGED PLATE:- Thinned plate cut and removed in way of A/c compartment room STBD side. New plate fabricated, installed and welded. Scaffolding arranged for access. Stiffener - 70mm x 8mm , 2000mm long - 2 Nos. Backing strip - 35mm x 8mm x 950mm long - 1 No. Backing strip - 35mm x 8mm x 600mm long - 2 Nos. Wave breaker doubler plate - 50mm x 5mm x 600mm- 1 No. Wave breaker plate - 150mm x 8mm thickness x 700mm long - 1 No. Repaired area cleaned and painted. Fit- up and welding inspected by QC. Fabricator/Welder:- QRs. 88.00 per hour x 128 Hours = QRs. 11,264.00. Fireman:- QRs. 75.00 per hour x 63 Hours = QRs. 4,725.00. Consumable:- QRs. 250.00.	16,239.00
1863	RENEWAL OF STBD. SIDE FWD. J ACCOMODATION AND FOT AREA PLATE:- Job has been cancelled.	
1864	REPAIR OF CIC ROOM WAVE BREAKER:- Wave breaker bracket repaired. Port side in way of accommodation area, wave breaker bracket cut and renewed by grinding machine. Size - 200mm X 160mm X 6mm thick. - 01 nos. Scaffolding arranged for access.- 3M X 1M X 5 M. - 01 nos.	2,212.00

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

E & O.E

ALAIL MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Fabricator/Welder:- QRs. 88.00 per hour x 24 hours = QRs. 2,112.00. Consumable:- QRs. 100.00.	
1865	RENEWAL OF PORT SIDE SITABILIZER ROUNDER COVER PLATE:-	2,220.00
	Port side stabilizer round cover plate damaged , same removed, new plate fabricated 2 half OD Cover plate size 530mm OD x225mm ID x 6mm thickness made in two halves, round Rubber packing holding flat bar size 35mm width x 6mm thickness x 360mm long (Radius)18 Nos. holes drilled (12mm dia.) for bolting approx. 550 mm . provided with holes as per original.	
	Fabricator/Welder:- QRs. 88.00 per hour x 22 Hours = QRs. 1,936.00. Material/Consumable:- QRs. 284.00.	
1866	RENEWAL OF STBD. SIDE AFT DENTED PLATE:-	
	Job has been cancelled.	
1867	RENEWAL OF PORT SIDE FWD. PETTING AREA:-	19,820.00
	Port fwd. side block area in way of F.O.T and B.H.D..C.I.C.room pitting area cut and removed. New plate fabricated, fitted and welded. Bottom Plate- 1500mm X 1250mm X 06mm thick - 01 nos.Bottom plate - 430mm X 1250mm X 06mm thick. - 01 nos.Longitudinal stiffener- 80mm X 700mm X 07mm thick. - 07 nos.Scaffolding Arranged for access - 2M X 2M X 1M - 01 nos.FWD and AFT. Manhole opened and refitted using new oil gasket. Gasket size - 490mm X 690mm X 03 mm thick. - 04 nos.Aft tank diesel transferred using yard supplied pump.Both tank gas freed. C.I.C. room area insulation removed and refitted for access.All materials removed and refitted in junior	

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

P & O.E.
MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	accommodation area for access.Both FWD. and AFT. Tank, air pressure tested witnessed by QC department.Materials used for pressure testing.Blind flange - 02 nos.Main flange - 01 nos.Inside blind - 05 nos.Gasket - 03 nos. Fabricator/Welder:- QRs. 88.00 per hour x 215 Hours = QRs. 18,920.00. Material/Consumable:- QRs. 900.00.	
1868	REPAIR OF ALUMINIUM PIPE WITH FOUNDATION BRACKET:- One damaged antenna Aluminium pipe with foundation bracket renewed. Damaged pipe, bracket and base plate cut and removed. New base plate and brackets fabricated, fitted and welded on existing aluminium pipe Aluminum base plate size - 100 mm x 120mm x 10 mm thickness Provided with 04 Nos. foundation drill holes. - 1 No. Aluminium base plate size 100mm x 75mm x 8mm x 4 Holes - 1 No. Brass counter sunk screw size M6 x 30mm - 04 Nos. Brass nut, -M6 x - 04 Nos. Fabricator/Welder:- QRs. 88.00 per hour x 20Hours = QRs. 1,760.00. Material/Consumable:- QRs. 50.00.	1,810.00
1869	FABRICATION OF AFT ENGINE ROOM STBD. SIDE PREHEATER AREA FRAME:- AFT engine room stbd. side at preheater area damaged frame cut and removed Preheater unit opened and removed by mechanical section for access. Preheater frame cut by grinding machine, refitted the same after the completion of work. Shell plate size - 260mm X 1000 mm X 06 mm thick. - 01 nos.	9,046.00

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

E & O.E.

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Flat bar - 200mm X 70mm X 07mm thick. Lock plate - 150mm X 50mm X 07mm - 01 nos. Fabricator/Welder/Mechanic:- QRs. 88.00 per hour x 92 Hours = QRs. 8,096.00. Rigger:- QRs. 75.00 per hour x 8 Hours = QRs. 600.00. Material/Consumable:- QRs. 350.00.	
1870	REPAIR OF ENGINE ROOM FLOOR AREA:- FWD and AFT engine room floor area repaired. New aluminum floor plates fabricated and installed. Size - 210 mm X 300mm X 05 mm. - 01 nos. Stainless counter sunk screw , M 10 X 20mm long. - 190 nos. Brass hinjus, 2" long. - 03 nos.Tower Bolt. 2". - 03 nos. Fabricator:- QRs. 88.00 per hour x 80 Hours = QRs. 7,040.00. Material/Consumable:- QRs. 150.00.	7,190.00
1871	REPAIR OF ROUND KIDNEY HATCHES:- Round kidney hatches total 4 nos. inspected and repaired. Mast area round hatch - Existing rubber seal renewed. Size - 35mm X 25mm X 2000 mm long - 01 nos. Forepeak, main deck round hatch, Aft gun tank area - Hatches opened and rubber renewed. Size - 35mm X 25mm X 2000 mm long - 03 nos. Fabricator:- QRs. 88.00 per hour x 57 Hours = QRs. 5,016.00. Material/Consumable:- QRs. 310.00.	5,326.00
1872	A.S.P COMPARTMENT:- Provided 18mm dia., 02 nos. drill holes in A.S.P compartment	880.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	for drain water as per navy instruction. Fabricator:- QRs. 88.00 per hour x 10 Hours = QRs. 880.00.	
1873	GUN FOUNDATION REPAIR:- Two small gun foundation to inspect for rotation and repair as per navy instruction. Fabricator:- QRs. 88.00 per hour x 65 Hours = QRs. 5,720.00. Material/ Consumable:- QRs. 100.00.	5,820.00
1874	ANGLE FLAT BAR BRACKET RENEWAL:- PORT and STBD side angles,flat bar with brackets messing same fabricated fitted with mechanic section. Fabricator/Mechanic:- QRs. 88.00 per hour x 24 Hours = QRs. 2,112.00. Material/ Consumable:- QRs. 100.00.	2,212.00
1875	ENGINE ROOM TOOL BOX SHELVES AND DOOR:- Engine room tool box modified,.fabricated and fitted 3 Nos. shelves size each 500mm x 500mm, 1 No. door size 500mm x 450mm using 3mm thickness plate provided with door lock. New door plate fabricated and installed M.S. Plate size - 450mm X 500mm X 05 mm thick. M.S. hinjes, - 12mm dia. X 50mm long, - 02 nos. Door lock plate - 40mm X 35mm X 05mm thick - 02 nos. provided with 12mm dia. drill hole. Shelves plate size - 460mm X 500 mm X 05mm thick. - 03 nos. (both side bend.) Back plate - 500mm X 550mm X 05 mm. - 01 nos. - both side bend.	4,336.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Fabricator/Welder:- QRs. 88.00 per hour x 47 Hours = QRs. 4,136.00. Material/ Consumable:- QRs. 200.00.	
1876	SHOE RACK REPAIR:- Total 06 nos. .Shoe rack in junior mess room repaired. Sliding rail renewed - 06 nos. Aluminum rivet - 3.2 mm - 15 nos. Fabricator:- QRs. 88.00 per hour x 20 Hours = QRs. 1,760.00. Consumable:- QRs. 100.00.	1,860.00
1877	ANCHOR BOTTLE SCREW TOOL:- 2 Nos. stainless steel chain supplied and fitted for port side anchor holding pin securing.02 mm stainless steel chain- 300mm long, with 02 ring. - 02 nos. Fabricator:- QRs. 88.00 per hour x 10 Hours = QRs. 880.00. Consumable:- QRs. 30.00.	910.00
1878	LOCKING PIN M/E NO.2 AND 3:- Main engines Exhaust flap engaging system locking arrangement fabricated and fitted. Fabricator:- QRs. 88.00 per hour x 35 Hours = QRs. 3,080.00. Consumable:- QRs. 108.00.	3,188.00
1879	GALLEY EXPANSION FITTING:- Galley Expansion tank area door fitted with yard supplied 3	3,368.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Nos. Door over all size - 975mm X 395 mm - 01 nos. Brass hinje size - 2". X 03 nos. Hinges and 02 Nos. tower bolt. Stainless steel Tower bolt size - 4 ½ " X 02 nos.Aluminum rivet , 3.2mm - 24 nos..3.5mm drill hole provided for riveting - 24 nos. Fabricator:- QRs. 88.00 per hour x 36 Hours = QRs. 3,168.00. Consumable:- QRs. 200.00.	
1880	FABRICATION OF GRAFNEL HOOK:- 1 No. Grapnel hook fabricated out of 12mm dia. MS round bar. Total 2000mm long, 12mm dia. M.S. round bar used. Grapnel hook hand over to vessel. Fabricator/ Welder:- QRs. 88.00 per hour x 16 Hours = QRs. 1,408.00. Consumable:- QRs. 50.00.	1,458.00
1881	POLE HOOK FABRICATION:- 1 No. pole hook to be fabricated using 1" dia. x 5 meters long aluminum pipe and stainless steel hook. Machinist/Fabricator/ Welder:- QRs. 88.00 per hour x 19 Hours = QRs. 1,672.00. Consumable:- QRs. 170.00.	1,842.00
1882	AFT E.R BENCH VICE RAIL REPAIR:- Aft Engine room vice bench rail rectified by yard. Fabricator/ Welder:- QRs. 88.00 per hour x 7 Hours = QRs.	726.00

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

E & O.E

ALA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	616.00. Consumable:- QRs. 110.00.	
1883	MAIN ENGINE No.1 EXHAUST PLATE:-	1,870.00
	Main engine exhaust pipe protection plate fabricated and fitted.Protection plate size - Aluminum plate size - 450mm X 650mm X 03mm thick. (Rolled plate)02 nos. drill hole provided to secure the cover with exhaust pipe. (10mm dia.)Stainless steel Bolt, nut and washer - M8 X 25mm long - 04 nos. "L" type M.S. flat bar support - 180mm X 35mm X 05mm thick - 02 nos.02 nos. 10mm dia. drill holes. Protection cover fabricated in work shop and installed in vessel. Fabricator:- QRs. 88.00 per hour x 20 Hours = QRs. 1,760.00. Consumable:- QRs. 110.00.	
1884	MODIFY SW PIPE FOR R.O. PLANT:-	
	R.O plant Sea water Pipe to be modification - Job Has been cancelled.	
1885	RENEW PLATE PORT SIDE WAVE BREAKER:-	
	Platerenewal in wave breaker in Port side - included in Job No. 1864.	
1886	ANCHOR REPAIR:-	352.00
	Small rope anchor hook repaired. Fabricator:- QRs. 88.00 per hour x 4 Hours = QRs. 352.00.	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
1887	FABRICATION OF RADDAR FOUDATION BASE:-	25,504.00

Foundation base of radar antenna fabricated and fitted & welded in position on top of super structure area, by using aluminum marine plates 20 mm thickness, 1000 mm diameter prepare in work shop provided with holes as per drawing. 12 mm thickness aluminum plate brackets fabricate for the support of main round plate and weld sizes as below Bolted Aluminum plate size 12mm x and 1200mm long x 190 mm width with provide 16 no. drill hole dia 14 mm = 01
M12 x 50 long SS bolt & nut = 16 nos.SHS aluminum 80x 80x 06 mm thick, 2900 mm = 01 nos. aluminium plate 175 x 1380 long x 12 mm thick = 01 nos. small bkt size : 12 x 80 x 150 = 01
Extension plate size 535 X 330 X 12mm thick = 01 Base bkt size 12x 225x800 = 02 nos. Base bkt size12x 225x750 = 01.

RUDDER PRESSUERE PANNLE BOARD BKT.

Aluminum plate 12x 445x600 with provide 4 no. drill hole dia 14mm = 01 nos Aluminum plate 10x 325x420 with provide 4 no. drill hole dia 10mm = 01 nos.

TRANSMISION RAGULATOR BASE:-

Aluminum plate 12x 395x800 with provide 4 no. drill hole dia 14mm = 01 nos. aluminum Angle size 6x 50x 75, 480 mm long with provide 12 nos.
drill hole dia 14mm = 01 nos.SS bolt & nut and washer M12 = 04 nos.After finish hot work painting done on the new installed plate area.
Necessary scaffolding arranged for job and after finish the job removed necessary lifting and shifting by using of crane and load test done approx. 500 KG.

Fabricator/Welder:- QRs. 88.00 per hour x 218 hours = QRs. 19,184.00.

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

E. & O.E.

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Scaffolder:- QRs. 75.00 per hour x 70 hours = QRs. 5,250.00. Material/ Consumable:- QRs. 1,070.00.	
2200	RENEWAL OF JUMP LADDER WOODEN STEP:- Jump ladder wooden steps replaced using Yard Supplied Materials. Carpenter:- QRs. 75.00 per hour x 112 Hours = QRs. 8,400.00. Material/Consumable:- QRs. 2,783.00.	11,183.00
2201	REPAIR OF FALSE CEILING:- Ship false ceiling on bridge passage ways, officer mess, officer cabins, senior cabin, bathroom and galley repaired. Carpenter:- QRs. 75.00 per hour x 319 Hours = QRs. 23,925.00. Consumable:- QRs. 360.00.	23,985.00
2202	RENEWAL OF ALL CHAIRS OF BRIDGE AND CIC ROOM:- All chairs of bridge and CIC room foam and cover renewed. (By sub-contractor). Carpenter:- QRs. 75.00 per hour x 76 Hours = QRs. 5,700.00. Subcontractor:- QRs. 7,535.00. Consumable:- QRs. 20.00.	13,255.00
2203	REMOVAL OF BLOCKS:- 3 Nos. bottom blocks Removed for access and later refitted on completion of steel repair works.	1,545.00

E & O.E

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

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	(QRs. 515.00 per piece x 3 Nos. = QRs. 1,545.00).	
2204	REPAIR OF PORT SIDE FIBER GLASS FOXLE GUARD RAIL STANCHIONS:-	
	included in Job No. 2250.	
2205	FRIDGE PLATE FITTING:-	986.00
	Fridge plate fitted with sika flex.	
	fabricator:- QRs. 88.00 per hour x 10 Hours = QRs. 880.00. Subcontractor:- QRs. 106.00.	
2206	GALLEY CUPBOARD:-	1,520.00
	Cupboard in the galley area fill silicon between the cupboard and wall as per navy instruction.	
	Carpenter:- QRs. 75.00 per hour x 20 Hours = QRs. 1,500.00. Consumable:- QRs. 20.00.	
2250	REPAIR OF HANDRAIL FIBER GLASS STANCHIONS:-	10,403.00
	Handrail fiber glass stanchions fiber glass damaged repaired. Sanding and cleaned applied GRP mates and filler Sanding, cleaned applied primer and top coat.	
	Fiberglass Technician:- QRs. 75.00 per hour x 123 Hours = QRs. 9,225.00. Consumable:- QRs. 1,178.00.	
2251	REPAIR OF SS TAIL SHAFTS OUT BOARD COUPLING AREA:-	4,275.00

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

L & O.E.
MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	S.S. tail shafts out board coupling area fiber glass damaged, same repaired, total 4 location. Sanding and cleaned applied GRP materials and filler. Sanded, cleaned, applied with primer and top coat. Fiberglass Technician/Painter:- QRs. 75.00 per hour x 53 Hours = QRs. 3,975.00. Consumable:- QRs. 300.00.	
2252	REPAIR OF WET EXHAUST MUFFLER FOR D/G:-	3,850.00
	DG exhaust mufflers Sanded, cleaned andapplied with GRP materials and filler. Sanded, cleaned, applied primer and top coat. Fiberglass Technician/Painter:- QRs. 75.00 per hour x 48 Hours = QRs. 3,600.00. Consumable:- QRs. 250.00.	
2253	REPAIR OF FIBER GLASS NOZZLE:-	
	Job has been cancelled.	
2254	REPAIR OF MAIN DECK FIBER GLASS LADDER WITH STEP:-	1,525.00
	Main deck STBD side fiber glass ladder with steps damaged area inspected and repaired. Sanded, cleaned and applied with GRP materials and filler. Sanded, cleaned, applied primer and top coat. Fiberglass Technician/Painter:- QRs. 75.00 per hour x 19 Hours = QRs. 1,425.00. Consumable:- QRs. 100.00.	

E & O.E

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

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
2400	CLEANING OF FRESH WATER TANK:-	8,770.00
	2 Nos. Fresh water tanks, man hole opened, gas freed, tanks cleaned and tank coated with white coat using yard supplied 200 Kgs white cement. Gas Freeing:- QRs. 310.00 per tank x 2 tanks = QRs. 620.00. Cleaner:- QRs. 48.00 per hour x 155 hours = QRs. 7,440.00. Consumable:- QRs. 710.00.	
2401	CLEANING OF FUEL STORAGE TANK:-	7,880.00
	2 Nos. Fwd. and aft fuel storage tank opened manholes, gas freed, necessary gasket renewed. Remaining fuel bail out remaining oil and full cleaned. Each tanks cleaned at 2 times due to steel repair repair works. Gas Freeing:- QRs. 310.00 per tank x 2 tanks = QRs. 620.00. Cleaner:- QRs. 48.00 per hour x 140 hours = QRs. 6,720.00. Consumable:- QRs. 540.00.	
2402	CLEANING OF FUEL TANK:-	21,650.00
	4 Nos. Port and stbd. fuel tank opened manholes, gas freed, necessary gasket renewed, tank cleaned.Total 4nos. Remaining oil bail out and full cleaned with cotton rags 4 times cleaned for Hot work . Gas Freeing:- QRs. 310.00 per tank x 4 tanks = QRs. 1,240.00. Cleaner:- QRs. 48.00 per hour x 370 hours = QRs. 17,760.00. Consumable:- QRs. 600.00. Oil Disposal:- QRs. 2050.00.	
2403	CLEANING OF DIRTY OIL TANK:-	5,635.00

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

E & O.E

MILAHA

S & E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Dirty oil tank, manhole opened, tank gas freed. 2 Tons dirty oil removed, disposed ashore and tank cleaned, necessary manhole gasket fabricated and renewed. Gas Freeing:- QRs. 310.00 per tank x 1 tank = QRs. 310.00. Cleaner:- QRs. 48.00/hour x 85 hours = QRs. 4,080.00. Consumables:- QRs. 220.00. Oil Disposal:- QRs. 1,025.00.	
2404	CLEANING OF OIL TANK:- Fresh oil tank, manhole opened , fresh new oil sifted to clean drums, tank gas freed, tank cleaned, inspected with navy staff, fresh new oil fill and returned to tank, gasket of manhole inspected, necessary renewed, manhole boxed up. 3 Tons waste oil collected and disposed ashore. Cleaner:- QRs. 48.00/hour x 180 hours = QRs. 8,640.00. Consumables:- QRs. 200.00. Oil Disposal:- QRs. 1,538.00.	10,378.00
2500	POLISHING OF TAIL SHAFT:- 4 Nos. SS tail shaft cleaned & polished by using steel cup wire brush at site. Machinist:- QRs. 88 per hour x 24.5 hours = QRs. 2,156.00. Consumable:- QRs. 84.00.	2,240.00
2501	ZINC ANODES:- 12 Nos. main sea chest Bolted, square type zinc anodes size each 150 x 150 x 40mm thickness opened, removed, New anodes made and fitted.	5,080.00

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

E & O.E
MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	A) Fabrication of Zinc anode:- Machinist:- QRs. 88.00/hour x 25 hours = QRs. 2,200.00. Material + Consumables:- QRs. 1,560.00. B) Removal and Refitting of Zinc Anode:- (QRs. 110.00 per piece x 12 pieces = QRs. 1,320.00	
2502	REPAIR OF PROPELLER CAVIATION AREA:- 4 Nos. propeller root cavities repaired with grind, weld and faired as per Navy instruction. Machinist/Welder:- QRs. 88.00/hour x 53 hours = QRs. 4,664.00. Material + Consumables:- QRs. 1,217.00.	5,881.00
2503	MANUFACTURE OF PIN:- One no. stainless steel pin manufactured as per sample for adjusting anchor chain on main deck to size 410 mm long x 25mm dia. Machinist:- QRs. 88.00 per hour x 3 Hours = QRs. 264.00. Material:- 20.00.	284.00
2504	MANUFACTURE OF LOCK PIN:- 4 Nos. lock pin manufactured 6 mm diameter provided with thread and nut as per navy instruction. Machinist:- QRs. 88.00 per hour x 4 Hours = QRs. 352.00. Material:- 8.00.	360.00
2505	MANUFACTURE OF ALIGNMENT BOLT:-	3,520.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Alignment bolts cleaned and manufacture bolts for alignment work with MAN engineer.Extra bolts manufactured and thread of bolts cleaned for additional foundation bolts. Machinist:- QRs. 88.00 per hour x 40 Hours = QRs. 3,520.00.	
5050	REPAIR OF MAIN ENGINE EXHAUST FLAP SPINDLE:-	17,474.00
	Main engine no:2 exhaust flap area access pipe lines, electrical cables, panels, exhaust bellow and brackets are removed. After installing Exhaust flaps all the accessories fitted back on position. Under water exhaust flap unit removed from location. Spindle found damaged. Yard repaired and rectified. Exhaust flap installed back with yard supplied new gland packing, new 3mm steam gaskets and bolts nuts. Inspected and witnessed by client. Machanic/Machinist/Electrician:- QRs. 88 per hour x 173 hours = QRs. 15,224.00. Fireman:- QRs. 75 per hour x 28 hours = QRs. 2,100.00. Material/Consumable:- QRs. 150.00.	
5051	REPAIR OF MAIN ENGINE EXHAUST FLAP:-	46,776.00
	Main engine no.1,3 and 4 under water exhaust flap area access pipe lines, electrical cables, panels and brackets are removed. After installing Exhaust flaps all the accessories are fitted back on position. ME (no:1,3,&4) Exhaust flaps and exhaust bellows are removed from location. Exhaust flap's leaked pipe unit removed. yard fabricated new pipe unit-3nos installed back in position. Inspected by Client. Exhaust flaps and bellows are installed back on position with yard supplied new 3mm steam gaskets, new	

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

E & O.E

ALA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	gland packing and new bolts nuts. Inspected and witnessed by client. Machanic/Machinist/Electrician:- QRs. 88 per hour x 507 hours = QRs. 44,616.00. Material/Consumable:- QRs. 2,160.00.	
5052	MAIN ENGINE STBD. SIDE GEAR BOX ALIGNMENT:-	348,590.00
	Main engine no:1 -gear box coupling dismantled and removed by Navy. Alignment between Engine and gear box carried out with dial gauge. Inspected by yard QC. Report submitted to Navy. As per client instruction coupling installed back on position. Main engine no:2 -Gear box coupling removed from location and kept down side. Alignment carried out with dial gauge. Inspected by yard QC. Report submitted to Navy. Coupling refitted back on position. Witnessed by client.STEEL SECTION WORKExisting engine room floor plate installed.All plates secured by drilling and tapping. Provided new stainless steel counter sunk screw.Stainless counter sunk screw, M8 X 25mm - 100 nos.Stainless steel bolt and nuts , M 10 X 30mm long - 16 nos.Brass hinjus, size - 2"X 4" - 02 nos.03 mm dia. Aluminum rivet -15 nos.M.S. Angle bar, 40mm X 40mm X 04 mm thick - 400mm long - 02 nos.M.S. Angle bar, 40mm X 40mm X 04 mm thick - 600mm long - 02 nos.Locking plate - 50mm X 60mm X 06 mm thick, provided with 02 nos. each. - 16 nos. Machanic/ Pipe fitter:- QRs. 88.00 per hour x 1,498 hours = QRs. 131,824.00. Material/Consumable:- QRs. 14,059.00. Direct Expence (Man Energy Solution for alignment) :- QRs. 222,707.00.	
5600	REPAIR OF D/GENERATOR NO. 1 EXHAUST MUFFLER UPPER END:-	6,854.00
	DG no:1 exhaust muffler upper end repaired. In way rubber hoses	

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

ALALA MILAHA
S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	found damaged. Yard supplied new hoses installed back on position with new hose clamps. Witnessed by client. Machanic:- QRs. 88 per hour x 58 hours = QRs. 5,104.00. Material/Consumable:- QRs. 1,750.00.	
5601	RENEWAL OF RUBBER HOSES FOR GENERATOR EXHAUST WET MUFFLER:- Rubber hoses of generator No:2,3 exhaust wet muffler removed, found in damaged condition. Yard supplied new rubber hose and clamps installed back on position witnessed by Client. Machanic:- QRs. 88 per hour x 77 hours = QRs. 6,776.00. Consumable:- QRs. 205.00.	6,981.00
5602	RENEWAL OF FWD. AREA PUMP FOUNDATION:- Job has been cancelled.	
5603	GENERATOR TEFLON NOZZLE CONNECTOR:- One generator Teflon nozzle connector damaged and leakage ,same opened and disconnected, same manufactured, assembled and fitted connected tested as per navy instruction. Mechanic/Machinist:- QRs. 88.00 per hour x 14 hours = QRs. 1,232.00. Material/Consumable:- QRs. 50.00.	1,252.00
5604	REPAIR OF SEA WATER PUMP:- AFT engine room sea suction pipe for main engine sea water pump have leakage from flange same opened repaired as per navy	2,476.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	instruction. Machanic:- QRs. 88 per hour x 27 hours = QRs. 2,376.00. Consumable:- QRs. 100.00.	
5800	PRESSURE TESTING OF AIR BOTTELS:- HP-Air bottles cancelled by client. LP Air bottles -4nos removed from location and brought to workshop. Neck flange gaps measured and noted. Dismantled and outside/external area blasting and painting done. Internal area HP washing done. Air bottle tubes cleaned and washed. 2 Nos. of neck flanges found holes. Repaired by welding and machining. After inspection Air bottles assembled. Pressure test 30 Bar was carried out for LP. Witnessed by yard QC. Brass fitting -1nos found damaged. New fitting fabricated by yard and fitted to the tubes. Witnessed by Client. Machanic:- QRs. 88 per hour x 53 hours = QRs. 4,664.00. Consumable:- QRs. 40.00.	4,704.00
5801	FWD. CAPSTONE:- Forward Capston brake assembly fully removed from location. Brought to workshop and found the following parts damaged same fabricated and as per sample. Brake band. Screw bar. Brass nut. SS mounting bolts M24X60mm-4nos and SS washers 24mm Foundation plate. Yard fabricated new brake bands-1set, new Screw bar -1no and brass nut-1no. and assembled at workshop. Yard renewed the damaged foundation plate. Brake assembly	14,284.00

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

E & O.E

ALLA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	shifted to the location and fitted back on position with yard supplied M24X60mm new bolts -4nos and SS24mm washers 4nos. Machanic/fabricator welder/Machinist:- QRs. 88 per hour x 153 hours = QRs. 13,464.00. Consumable:- QRs. 820.00.	
6000	REPAIR OF SHIP GALLEY DECK:- Ship galley drain line and overboard valve disconnected, shifted to workshop, cleaned using chemical, blasted and refitted in position. 2" dia. Copper nickel pipe line, 1200 mm long, 2 Nos. Straub coupling and one flange. 2" dia. Copper nickel pipe line, 1200mm long, one flange and one union. 2" dia. Overboard valve, inspected and found O.K. Refitted the valve in position. Pipe fitter:- QRs. 88.00 per hour x 31 hours = QRs. 2,728. Consumable:- QRs. 22.00.	2,750.00
6001	CLEANING OF PROPELLER AIR BLOWER DISCHARGE PIPE:- Propeller air blower discharge pipe lines opened, cleaned, refitted in position. Following pipe lines and connections disconnected, shifted to workshop, blasted and refitted in position. Copper nickel pipe, 2" dia., 2 mtr. long with valve - 03 Nos.. 3.3mtr pipe with 2 no's flange. - 1 No. 42mm dia. branch pipe with union - 04 Nos. 2" dia. NRV - 2 Nos. Pipe fitter:- QRs. 88.00 per hour x 74 hours = QRs. 6,512.00. Consumable:- QRs. 230.00.	6,742.00

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
6002	MAIN ENGINE NO.4 SEA SUCTION LINE VALVE:- Included job Nob No. 1414.	
6003	SEA SUCTION FIRE PUMP#1 SEA WATER SUCTION LINE:- Job has been cancelled.	
6004	CLEANING OF BATHROOM SHIP GALLEY DRAIN LINE:- All bath room with ship galley, pantry and ATU room drain filters 11 Nos. removed, cleaned and refitted. Bathroom drain filter pipe line opened cleaned and refitted. ATU room drain line opened, cleaned and refitted. Pipe fitter:- QRs. 88.00 per hour x 100 hours = QRs. 8,800.00. Consumable:- QRs. 3,114.00.	11,914.00
6005	CLEANING OF BA/C SEA WATER PUMP AND FIRE PUMP NO.1 SUCTION PIPE:- 5" sea water cooper nickel pipe pump no. 1 sea chest manifold opened, cleaned, inspected and refitted. 5" pipe 700mm long, 2 Nos. flanges. 5" pipe 1000mm long, 2 Nos. flanges. 5" pipe 1600mm long, 2 Nos. flanges. 5" expansion bellow 1 no. 5" pipe 1000mm long, 2 Nos. Butter fly valve 5" dia 1 no. 3" pipe 500mm long.3" globe valve. 3" pipe 750mm long. 5" main sea chest valve removed, cleaned inspected and refitted in position, connected.	6,420.00

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

ALA MILAHA
S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Pipe fitter:- QRs. 88.00 per hour x 70 hours = QRs. 6,160.00. Consumable:- QRs. 260.00.	
6006	FMR AND AMR VENTILATION FANS GEASING PIPES:- Job ha sbeen cancelled.	
6007	RENEWAL OF STBD. SIDE RUBBER EXPANSION BELLOW:- Stbd. Side aft engine room main engine sea water expansion bellow removed. (Bolt cut by cutting torch). - 03 Nos. Existing pipe flange surface cleaned. - 06 Nos. Owner supplied new bellow installed. - 03 Nos. G.I. Bolt & nut, M 16 x 50mm long. - 24 Nos. Access work for bellow renewal. Ladder removed and refitted. Chequered plate removed and refitted. (Approx. - 1M sq.) Pipe fitter:- QRs. 88.00 per hour x 39 hours = QRs. 3,432.00. Consumable:- QRs. 36.00.	3,468.00
6008	STBD. SIDE AFT REA OVERBAORD PIPE CLEANING AND DRILLING:- Stbd. side aft area overboard pipe cleaned by drilling and refitted. ¾" dia. Over board pipe line - 1 No. Flexible hose - 1 No. Pipe fitter:- QRs. 88.00 per hour x 28 hours = QRs. 2,464.00.	2,464.00
6009	RENEWAL / REPAIR OF STBD. SIDE AFT REA OVERBAORD PIPE:- Stbd. side over board pipe line Cleaned, repaired by providing	10,280.00

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

MILAHA S&F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	stub pipe from out side. - 7 Nos to size each 1 1/2" dia. M.S. pipe x 50mm long. welded to side shell. Pipe fitter/Welder:- QRs. 88.00 per hour x 115 hours = QRs. 10,120.00. Consumable:- QRs. 160.00.	
6010	REPAIR OF STEERING ROOM BILGE STRAINER FILTER WITH PIPE:- All Bilge strainer filter with pipe opened, shifted to workshop, after cleaning, blasting and painting refitted in same location with new rubber gaskets and nut-bolts. Steering room bilge strainer filter with pipe - 1 No. Aft engine room bilge strainer filter with pipe - 03 Nos. FWD engine room bilge strainer with pipe - 03 Nos. A/C compartment bilge strainer filter with pipe opened and damaged filter renewed - 2 Nos. Material size: 200mm dia. x 180mm height, using stainless steel 3mm thickness perforated sheet, hole dia. 6mm. - 2 Nos. Fwd. chain locker area bilge strainer filter with pipe. - 1 No. New Straub coupling provided, 76mm. - 1 No. Pipe fitter/Welder:- QRs. 88.00 per hour x 90 hours = QRs. 7,920.00. Material/Consumable:- QRs. 505.00.	8,425.00
6011	ENGINE EXHAUST PIPES:- 04 Nos. Main engine exhaust pipe cleaned, inspected, and repaired. Scaffolding arranged, total for 4 engine exhaust pipe. MAIN ENGINE - 4 Existing damaged pipe top ring cut and renewed. M.S. Plate size. - 586mm dia 300 mm width. x 7mm thickness - 1 No.	100,528.00

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

MILAHA
S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Second ring, M.S.. Plate size - 120mm width x 850mm long x 7mm thickness cut and renewed. - 1 No. Third ring - 120mm width x 750mm long. x 7mm thickness cut and renewed - 1 No. Fourth ring - 100mm width x 700 mm long. x 7mm thickness - 1 No. New flap fabricated. I.D. 586 mm x O.D. 675 mm x 19 mm thickness Provided with30 no's drill hole, 12mm dia each. - 1 No. One ring fabricated. 586mm dia x 300 mm width x 07mm thickness Welded with flap and fitted in position. - 1 No. New Second ring fabricated and welded in position. Size - 420mm width x 850mm length. x 7mm thickness-1 No. New Third ring fabricated and welded in position. - 120mm dia. width x 750mm long x 7 mm thickness-1 No. Fourth ring fabricated and welded in position. - 100mm dia. x 700mm long x 7mm thickness MAIN ENGINE - 3 and 2 Above same activities done for main engine 3 and 2 MAIN ENGINE -1 Full pipe removed from side. Pipe dia. 585 mm. First ring- 586 mm x 350mm x 240mm x 8 mm thickness - 1 No. Second ring. 586mm x 350mm x 240mm x 8 mm thickness - 1 No. Second ring. - 586mm x 220mm x 100mm x 8 mm thickness Third ring - 586 mm x 230mm x 100mm x 8 mm thickness Fourth ring, - 586 mm x 220mm x 100 mm round x 8 mm thickness Fifth ring - 586 mm x 230 mm x 110 mm x 8 mm thickness - 1 No. New flap fabricated. I.D. 586 mm x O.D. 675 mm x 19 mm thickness Provided with30 no's drill hole, 12mm dia each. - 1 No. One ring fabricated. 586mm dia x 300 mm width x 07mm thickness Welded with flap and fitted in position. - 1 No. New Second ring fabricated and welded in position. Size - 420mm width x 850mm length.-1 No. New Third ring fabricated and welded in position. - 120mm dia. width x 750mm long x 7 mm thickness-1 No.	

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

MILAHA
S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Fourth ring fabricated and welded in position. - 100mm dia. x 700mm long x 7mm thickness. Pipe fitter/Welder/Mechanic/Machinist:- QRs. 88.00 per hour x 1081 hours = QRs. 95,128.00. Material/Consumable:- QRs. 5,400.00.	
6012	REPAIR OF SEWAGE PIPE:-	22,663.00
	Following pipes dismantled from all sewage system to all bathroom, port. & Stbd. Side. Then shifted to blasting area, cleaned by sweeping. After cleaning fix-back in same position. Location: Fwd. STP room port & Stbd. side. Gun room Port & Stbd. side. Jr, bathroom. A/C compartment. Officer bath room.2" copper nickel pipe, 1500mm long- 8 Nos.2" copper nickel pipe, 3000mm long- 9 Nos. 2" copper nickel pipe, 2000mm long- 7 Nos. 2" copper nickel pipe, 2500mm long- 9 Nos. 2" Ball valve - 10 Nos.Rubber flap type NRV. -2.Filter - 1 No. Straub coupling. - 23 Nos. opened and found 07 Nos. damaged. Provided new 57mm Straub coupling -09 Nos. Jr. Bathroom.1. 42mm dia copper nickel pipe from suction pipe to chest. Approx. 2500mm long.-03 Nos.2. 56mm copper nickel pipe, opened, cleaned and refitted. - 1 No. 42mm Ball valve opened, cleaned and refitted - 06 Nos. 2" pipe and 56mm valve opened, cleaned and refitted. - 1 No. Pipe fitter:- QRs. 88.00 per hour x 246 hours = QRs. 21,648.00. Consumable:- QRs. 1,015.00.	
6013	RENEWAL OF DAMAGED PIPES, HOSES AT AFT ENGINE ROOM PORT SIDE CUTTING AREA:-	4,888.00
	Aft engine room port side cutting damaged plate area all	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	damaged pipes and hoses and flanges with gasket repaired, 1 1/4", dia. 2 Nos. overboard pipe line removed and renewed. Size:-M.S. Pipe, 1 1/4" dia., sch 80., 350mm long with one flange - 2nos 2 1/2" dia. overboard line removed and renewed. Size: 2 1/2" M.S. Pipe line, sch 80., 300mm long with one flange - 1 No. 1" dia pipe, 1800 mm long, removed, cleaned, painted and refitted in position.15mm dia pipe, 2200mm long removed cleaned and refitted1 1/2" dia pipe, 1600mm long removed. damaged flange cut and renewed, painted and refitted in position. Pipe fitter:- QRs. 88.00 per hour x 51 hours = QRs. 4,488.00. Material/Consumable:- QRs. 400.00.	
6014	GALLEY EXPANSION PRESSURE TANK:- Galley expansions pressure tank for fresh water system damaged. Yard supplied new expansion pressure tank fitted. Capacity - 08 Litre. Pipe fitter:- QRs. 88.00 per hour x 70 hours = QRs. 6,160.00. Material/Consumable:- QRs. 350.00.	6,510.00
6015	RENEWAL OF VENT PIPES ON MAIN DECK:- All vent pipes on main deck, port, Stbd. And fwd. inspected, damaged base pipe with flanges renewed with new yard supplied materials. Fwd. main engine room fuel tank vent on main deck, existing vent pipe cut from deck level and new vent pipes fabricated, fitted and welded. Sea chest vent pipe cut from main deck level. New pipe fabricated, fitted and welded. Stainless steel pipe, 2" dia. x 160mm long, provided with 2" flange - 2 Nos.	11,570.00

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

MILAHA
S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Sewage collecting tank vent pipe renewed from main deck level. - 2" dia. M.S. pipe, sch 80 x 160mm long, provided with 2" flange. - 1 No. Sewage S.T.P. tank vent. Pipe - 2" dia. Stainless steel pipe, x 160mm long, sch. 80. Provided with 2" flange. - 1 No. Gray water tank vent - 2" dia. S.S. pipe, sch 80 x 160mm long, provided with 2" flange. - 1 No. FWD. F.O. tank vent - 2" dia. S.S. pipe, sch 80 x 160mm long, provided with 2" flange. - 1 area 1 No. vent opened and damaged flange renewed. - 2" Stainless steel flange. - 1 No. Main deck fwd. part fresh water flange damaged to be renewed, main deck AFT stbd side air vent lower flange to be renewed. Pipe fitter/Welder:- QRs. 88.00 per hour x 107 hours = QRs. 9,416.00. Material/Consumable:- QRs. 2,154.00.	
6016	REPAIR OF STBD. SIDE MID SHIP OVERBOARD PIPE:-	1,634.00
	Stbd. side mid ship, FWD main engine # 1, cooling water discharge overboard pipeline repaired on shell area. Stbd. Aft main engine #3 discharge overboard for cooling water line repaired on side shell area.2" Stainless steel pipe x 50mm long. Pipe fitter/Welder:- QRs. 88.00 per hour x 18 hours = QRs. 1,584.00. Material/Consumable:- QRs. 50.00.	
6017	PORTABLE FRESH WATER TANK:-	1,408.00
	Temporary fresh water tank provided on main deck and connected to fresh water pipe line for access. Removed temporary tank and Refitted the same tank after the completion of work. Portable fresh water tank fitted and connected with main fresh	

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

ALAILA MILAHA S&F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	water pipe line and removed in completion of steel work and fresh water tank work. Pipe fitter/Welder:- QRs. 88.00 per hour x 16 hours = QRs. 1,408.00.	
6018	RENEWAL OF FRESH WATER TANK PIPE AND FLANGES:- Fresh water tank 06 Nos. pipes disconnected, shifted to work shop, blasted painted and refitted.1/4" stainless steel pipe, 1500mm long, 2 flanges - 03 Nos.1/4" stainless steel pipe, 2500mm long, 2 flanges - 03 Nos. Pipe fitter:- QRs. 88.00 per hour x 23 hours = QRs. 2,024.00. Consumable:- QRs. 26.00.	2,050.00
6019	RENEWAL OF FWD. CUTTING AREA DAMAGED PIPES AND FLAGES:- Fwd. cutting area damaged pipes with flanges inspected, repaired and renewed.1 1/4" dia. M.S. Pipe, 300mm long, with both end flange. - 04 Nos. 04 Nos. penetration provided in BHD and spool piece. Penetration welded in BHD. with pad plate. 1 1/4" flange removed from copper nickel; pipe and provided new flange with brass collar - 04 Nos. Access pipes removed and refitted.1 1/4" dia. x 1700mm long - 2 nos, 1 1/4" pipe x 1.2mtr long - 2 Nos. Pipe fitter/Welder:- QRs. 88.00 per hour x 118 hours = QRs. 10,384.00. Materials/Consumable:- QRs. 4,270.00.	14,654.00
6020	REPAIR OF PIPE BASE AT MAIN DECK:-	2,801.00

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

MILAHA
S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Damaged laundry vent pipe base at main deck in front of wheelhouse partly repaired.4" dia. S.S. pipe with vent head opened, shifted to workshop. Damaged 4" flange cut and removed. New flange fitted and welded. One stub pipe renewed. 12mm.O.D. S.S pipe x 100mm long with one flange welded to main deck, and refitted the vent head unit. Inside laundry room Insulation materials removed and later refitted for access. Pipe fitter/Welder:- QRs. 88.00 per hour x 30 hours = QRs. 2,640.00. Materials/Consumable:- QRs. 161.00.	
6021	FABRICATION OF PORT AND STBD. SIDE SKY HATCH DRAIN PIPE:-	2,998.00
	Port and stbd. side sky hatch 04 drain holes and drain pipe line fabricated, fitted and provided with drain pipe line and connectors 15mm dia. Copper pipe x 12 meters long, 15mm dia. Brass compressing elbow, 90 deg. - 04 Nos., 15mm x ¾" brass reducing nipple. - 04 Nos., 15mm dia. Brass compressing type male & female elbow. - 04 Nos. Existing ¾" socket cleaned by tapping and provided new pipe and fittings. Pipe fitter/Welder:- QRs. 88.00 per hour x 30 hours = QRs. 2,640.00. Materials/Consumable:- QRs. 358.00.	
6022	RENEWAL OF SHIP BATH ROOM WASING BASIN FRESH WATER TAP:-	7,062.00
	Ship bath room washing basin fresh water tap renewed. Wash basin, Junior Bathroom - 06 Nos. Wash basin senior bathroom - 06 Nos. Wash basin in bridge bathroom 03 Nos. Pantry washbasin -2 Nos. Port side officer cabin- wash basin-2 Nos. Stbd officer cabin wash basin - 2 Nos. Officer cabin aft port side - 2FWD officer cabin wash basin- 2 Nos.Trainers's cabin - 2 Nos. WC cleaning	

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

MILAHA
S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	station. - 04 Nos. Old taps handover to ship's crew. Wash basin tap - 2 Nos. (Galley) Mixer tap - 1 No. (Galley)38mm Straub coupling - 1 No. (Galley).	
	Pipe fitter/Welder:- QRs. 88.00 per hour x 43 hours = QRs. 3,784.00. Materials/Consumable:- QRs. 3,278.00.	
6023	REPAIR OF MAIN ENGINE ROOM EXHAUST FLAP VALVE UNIT:-	24,312.00
	MAIN ENGINE 4 Big flap valve jacket partially renewed. Stainless steel plate, 55mm width x 1850 mm long x 4mm thickness - 1 No. Existing flap valve shifted to work shop, damaged flange and jacket removed and renewed.M.S. Flange fabricated in machine shop. O.D. 675mm x I.D. 585mm x 19mm thickness, provided with 30 no's,. drill holes, 12mm dia each. - 1 No. Sea water pipe line renewed with providing new stainless steel stub piece.Size - 3" dia x 100mm long, Sch. 80. Stainless steel flange - 3" - 1 No.S.S. Flange, 3" - 1 No. MAIN ENGINE #3 Big flap valve jacket partially renewed. Stainless steel plate, 55mm width x 1850 mm long x 4mm thickness - 1 No. Existing flap valve shifted to work shop, damaged flange and jacket removed and renewed. M.S. Flange fabricated in machine shop. O.D. 675mm x I.D. 585mm x 19mm thickness,, provided with 30 no's,. drill holes, 12mm dia each. - 1 No. Sea water pipe line renewed with providing new stainless steel stub piece.Size - 3" dia x 100mm long, Sch. 80. Stainless steel flange - 3" - 1 No.S.S. Flange, 3" - 1 No. MAIN ENGINE # 2 Big flap valve jacket partially renewed. Stainless steel plate, 55mm width x 1850 mm long x 4mm thickness - 1 No. Existing flap valve shifted to work shop, damaged flange and	

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

E & O.E

S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	jacket removed and renewed.M.S. Flange fabricated in machine shop. O.D. 675mm x I.D. 585mm x 19mm thickness,, provided with 30 no's,. drill holes, 12mm dia each. - 1 No. Sea water pipe line renewed with providing new stainless steel stub piece.Size - 3" dia x 100mm long, Sch. 80. Stainless steel flange - 3" - 1 No.S.S. Flange, 3" - 1 No. Pipe fitter/Welder:- QRs. 88.00 per hour x 252 hours = QRs. 22,176.00. Materials/Consumable:- QRs. 2,136.00.	
6024	RENEWAL OF EXHAUST FLAP UNIT FLANGE:-	12,954.00
	MAIN ENGINE - 2 Exhaust flap unit (I.D.300mm , O.D. 425mm opened and shifted to work shop and inspected. After inspection found 2 Nos. flange damaged. Flap unit flange removed by machining - 2 Nos. New flange fabricated fitted and welded. O.D. 425mm x I.D.282mm. x 15mm thickness provided with 16 Nos. drill holes 14mm dia each. 2 Nos. After fabrication flange fitted and welded to flap unit both side and refitted in same position. MAIN ENGINE 3 Exhaust flap unit (I.D.300mm , O.D. 425mm opened and shifted to work shop and inspected. After inspection found 2 Nos. flange damaged. Flap unit flange removed by machining - 2 Nos. New flange fabricated fitted and welded. O.D. 425mm x I.D.282mm. x 15mm thickness provided with 16 Nos. drill holes 14mm dia each. 2 Nos. After fabrication flange fitted and welded to flap unit both side and refitted in same position. MAIN ENGINE 4 Exhaust flap unit (I.D.300mm , O.D. 425mm opened and shifted to work shop and inspected. After inspection found 2 Nos. flange damaged.	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Flap unit flange removed by machining - 2 Nos. New flange fabricated fitted and welded. O.D. 425mm x I.D.282mm. x 15mm thickness provided with 16 Nos. drill holes 14mm dia each. 2 Nos. After fabrication flange fitted and welded to flap unit both side and refitted in same position. Pipe fitter/Welder:- QRs. 88.00 per hour x 138 hours = QRs. 12,144.00. Materials/Consumable:- QRs. 810.00.	
6025	RENEWAL OF MAIN ENGINE OVERBOARD ELBOW:-	54,891.00
	Main engine #2, over board exhaust elbow opened and shifted to work shop. One damaged flange cut and removed . New flange fabricated, fitted and welded to elbow nipple. Flange size - O.D. 425mm x I.D. 282mm x 20mm thickness Provided with16 Nos. drill holes, 14mm dia. Pipe fitter/Welder:- QRs. 88.00 per hour x 543 hours = QRs. 47,784.00. Rigger/Fireman:- QRs. 75.00 per hour x 74 hours = QRs. 5,550.00. Materials/Consumable:- QRs. 1,557.00.	
6026	MAIN ENGINE EXHAUST BIG PIPE FLANGE RENWAL:-	9,998.00
	MAIN ENGINE 4, Existing flange cut from position. New M.S. Flange fabricated, fitted and welded to big pipe, then pipe fix back in position. Flange size-O.D. 675mm x I.D. 510mm x 19mm thickness provided with 30nos drill holes, 12mm dia each. - 1 No. MAIN ENGINE 3 Existing flange cut from position. New M.S. Flange fabricated,	

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

ALALA MILAHA S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	fitted and welded to big pipe, then pipe fix back in position. Flange size-O.D. 675mm x I.D. 510mm x 19mm thickness provided with 30nos drill holes, 12mm dia each. - 1 No. MAIN ENGINE 2 Existing flange cut from position. New M.S. Flange fabricated, fitted and welded to big pipe, then pipe fix back in position. Flange size-O.D. 675mm x I.D. 510mm x 19mm thickness provided with 30nos drill holes, 12mm dia each. - 1 No. Pipe fitter/Welder:- QRs. 88.00 per hour x 99 hours = QRs. 8,712.00. Materials/Consumable:- QRs. 1,286.00.	
6027	REPAIR OF ACMS PIPE:- A/C Sea water line one spool piece fabricated as per sample and fixed in same position.Size,-5" M.S. Pipe, 500mm long, sch. 80. - 1 No. Pipe fitter/Welder:- QRs. 88.00 per hour x 28 hours = QRs. 2,464.00. Materials/Consumable:- QRs. 161.00.	2,625.00
6028	FABRICATION OF AC STRAINER FILTER HOUSING:- New AC strainer filter housing damaged fabricated using SS 316 L material and fitted. Housing pipe, 6" sch.80 x 275mm long - 1 No. Branches- 3" pipe, sch. 80, 1000mm long, provided with one flange - 1 No.Bottom end S.S.plate - 150mm dia. x 10mm thickness Housing flange - I.D. - 168mm, O.D. - 220mm x 20mm thickness Provided with 04 Nos. drill (10mm dia, drilled and tapped.) holes. - 1 No.Housing cover plate, 220mm dia. x 20mm thickness With12mm drill hole - 1 No.Drain plug ½" stainless steel Drain Plug - 1 No.	4,000.00

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

MILAHA
S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	As per our quotation No. EM 15815 Revised, item No. 1.	
6029	RENEWAL OF STBD. SIDE UNION:-	1,896.00
	Aft Stbd. Side 1" dia. vent pipe renewed - 2 Nos. Size 1" dia. , M.S. pipe, sch 80, 100mm long - 1 No. Fabricated and welded in position. Size 1" dia. M.S. pipe, 250mm long x 1 union.- 1 No. Fabricated. Aft main deck, port and stbd. M.S. flange size 2" dia. and mushroom copper pipe , 2" dia. x 500mm long renewed. Pipe line blasted, painted and refitted. Pipe fitter/Welder:- QRs. 88.00 per hour x 20 hours = QRs. 1,760.00. Materials/Consumable:- QRs. 136.00.	
6030	FABRICATION OF HYDRAULIC PIPE FOR PORT SIDE STABILIZER:-	2,280.00
	Hydraulic pipe fabricated and fitted for port side stabilizer. High pressure coupling 20mm dia - 1 No.1 no's, 20mm coupling (made in machine shop) fitted. Pipe fitter/Machinist:- QRs. 88.00 per hour x 26 hours = QRs. 2,288.00.	
6031	REPAIR OF M/E NO.3 AND 2 FRESH WATER COOLANT COOPER NOCKEL PIPE:-	2,112.00
	Main engine no. 3 fresh water coolant copper nickel pipe found leakage. Pipe line disconnected, and rewelded on leakage area, tested and refitted. Copper nickel pipe, 28mm dia x 3500mm long - 1 No. Copper nickel pipe, 28mm dia x 1000mm long - 1 No. Main engine No: 2 fresh water coolant copper nickel pipe found	

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

E & O.E

ALALA MILAHA S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	leakage. Pipe line disconnected, and rewelded on leakage area, tested and refitted. Copper nickel pipe, 28mm dia x 3500mm long - 1 nickel pipe, 28mm dia x 1000mm long - 1 No. Pipe fitter/Welder:- QRs. 88.00 per hour x 24 hours = QRs. 2,112.00.	
6032	REPAIR OF CHILLER PIPE WITH VALVE:- ¾" dia. Aft gun room chiller pipe x 2000mm long removed, cleaned and refitted on position. 02 nos. bronze gate valve ¾" dia. renewed. Pipe fitter:- QRs. 88.00 per hour x 20 hours = QRs. 1,760.00. Material/Consumable:- QRs. 100.00.	1,860.00
6033	FABRICATION OF DN 65 PIPE:- 6 Nos. 2 ½ " dia., sch 80 ms pipe fabricated 500mm long, sch. 80, leakage from A/C system. Fabricated 6 nos. stainless steel black steel pipe both side flange, same size as per navy instruction. 03m nos. pipe spools installed in position. 03 nos. pipe supplied to vessel. 2 Nos. M.S. Pipe size each 5" dia., sch. 80.x 500mm long, both side flange,fabricated, welded and supplied to navy vessel. All pipes blasted and painted. Pipe Fitter/Welder:- QRs. 88 Per hour x 91 Hours = QRs. 8,008.00. Material/Consumable:- QRs. 4,255.00.	12,263.00
6034	MODIFICATION OF REFRIGERATION LINE FOR COOL ROOM:-	9,965.00

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

ALA MILAHA S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	02 nos. pipe modified and 03 nos. pipe new fabricated, welded and installed in refrigeration fire line for cool room. 03 nos. pipe new fabricated 1. ½ " stainless steel pipe, 1500mm long, 01 bend, 01 nos. flange and one union. 2. ½" stainless steel pipe, 2000 mm long, 05 nos. bend and 03 nos. flange. 3. ½" stainless steel pipe, 500 mm long, 01 nos. bend and 02 nos. flange. 02 nos. pipe modified 1" copper nickel pipe, 800mm long, removed from position shifted to workshop,And modified by providing 1" Non return valve (01 nos.), 1" Ball valve- 01 nos.,½" ball valve - 01 nos. - 02 nos. ½" SS refrigeration system emergency fire pipe line 4" M.T long, and one union, with flange 6 no as per navy A/C department instruction. 1" dia. brass 'Y' strainer renewed.1 " dia. stainless steel pipe, sch. 80. 500mm long - 01 nos. Pipe fitter/Welder:- QRs. 88.00 per hour x 95 Hours = QRs. 8,360.00. Material/Consumable:- QRs. 1,605.00.	
6035	CLEANING OF SEA CHEST LINE:- Sea chest line checked cleaned with air pressure to A/C, and cool room. Pipe fitter/Welder:- QRs. 88.00 per hour x 3 Hours = QRs. 264.00.	264.00
6036	REPAIR OF JUNDI MESS ROOM CHILLER WATER PIPE LINE:- Job has been cancelled.	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
6037	FABRICATION OF GREASE TUBE:-	1,905.00
	Grease tube renewed using following sections. Size 10mm dia. Copper pipe x 2000mm long provided with 2 Nos. 10mm dia. brass straight connector and 2 Nos. Male and female adaptors - 2 Sets. Pipe fitter/Machinist:- QRs. 88.00 per hour x 20 Hours = QRs. 1,760.00. Material/Consumable:- QRs. 145.00.	
6038	D/G NO.1 VALVE POSITION:-	1,508.00
	D/G No.1 valve position changed using following sections. 1" dia., stainless steel pipe x 750mm long - 1 No. 1" dia., stainless steel elbow 90 deg. - 4 Nos. 1" dia., stainless steel elbow 45 deg. - 2Nos. Swaddle support size 25mm - 1 No. Pipe fitter/Machinist:- QRs. 88.00 per hour x 16 Hours = QRs. 1,408.00. Material/Consumable:- QRs. 100.00.	
6039	FABRICATION OF REFRIGARATION BLACK STEEL PIPE:-	4,904.00
	4 Nos. Refrigeration pipes fabricated 2 Nos. pipes fitted and remaining 2 Nos. pipes handover to ship's crew size as follows. Size 1" dia., stainless steel pipe x 500mm long provided with 2 Nos. stainless steel flanges - 4 Nos. Pipe fitter/Welder:- QRs. 88.00 per hour x 48 Hours = QRs. 4,224.00. Material/Consumable:- QRs. 680.00.	

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

E & O.E

ALA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
6040	FABRICATION OF EMERGENCYGENERATOR MAIN DECK BY PASS LINE:-	5,822.00
	Emergency generator on main deck, new bypass pipe line fabricated and connected with main line Fuel tank drained from fuel and manhole opened, tank cleaned and gas freed. Material description.1" stainless steel pipe, Sch- 80, - 1000mm long - 01 nos. 1" stainless steel ball valve - 01 nos. 1" stainless steel Union - 02 nos. 1´stainless steel nipple- 02 nos. 1" stainless steel elbow, 90 deg. - 01 nos. Pipe fitter/Welder/:- QRs. 88.00 per hour x 40 Hours = QRs. 3,520.00. Cleaner:- QRs. 48.00 per hour x 29 Hours = QRs. 1,392.00. Material/Consumable:- QRs. 910.00.	
6041	FWD ENGINE 1 AIR PIPE LINE REPAIR:-	1,810.00
	Fwd. engine room ,engine no. 1 air pipe line damaged same repaired and FW pipe line fitted in engine No.1 with heavy duty new hose clips as per navy instruction. Pipe fitter/Welder:- QRs. 88.00 per hour x 20 Hours = QRs. 1,760.00. Material/Consumable:- QRs. 50.00.	
6042	GALLEY WASH BASIN TAP:-	3,552.00
	Galley wash basin mixer tap renewed. - 01 nos. Mixer grinder removed and refitted for access. Pipe fitter- QRs. 88.00 per hour x 38 Hours = QRs. 3,344.00. Material/Consumable:- QRs. 208.00.	

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

ALALA MILAHA S&F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
6043	TOILET WC FOUNDATION SECURING:-	720.00
	3 no.s Toilet WC foundation secured with new screws. Pipe fitter- QRs. 88.00 per hour x 8 Hours = QRs. 704.00. Material/Consumable:- QRs. 16.00.	
6044	FRESH WATER COLLER REPAIR:-	5,050.00
	Yard supplied fresh cooler filter unit newly installed in two locations- 04 filters. Copper pipe - 15 mm - 04 mr. Comp. elbow , 15 mm - 15 nos. 15mm X ½ " female connector - 03 nos. ¾" X ½" reducing nipple - 04 nos. ¾" X 22mm male connector - 04 nos. 11mm brass adaptor manufactured in machine shop - 02 nos. Yard supplied water cooler tap - 02 nos.. Installation of water cooler filter in one location. Earth box water protection cover fabricated and installed in aluminum material. Size - 600mm X 300mm X 3mm thick aluminum plate. Aluminum angle bar - 30mm X 30mm X 05mm thick - 350mm long - 01 nos. Stainless steel, self tapping screw. - 04mm X 06 nos. Fresh water cooler drain line block to be removed. Pipe fitter- QRs. 88.00 per hour x 50 Hours = QRs. 4,400.00. Material/Consumable:- QRs. 650.00.	
6045	GALLEY HANDLE RENEW:-	400.00
	Galley renew FW and Hot Water handle. Pipe fitter- QRs. 88.00 per hour x 4 Hours = QRs. 352.00.	

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

ALALA MILAHA S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Material/Consumable:- QRs. 48.00.	
6046	ME OIL PIPE LINE REPAIR:- Main engine No.2 oil pipe line repair carried out. Included in Job No. 6048.	
6047	MAIN ENGINE No.4 STRUB RENEWAL:- Engine no. 4 sea water cooling pipe STRUB coupling damaged and pipe leakage same opened STRUB coupling ,supply and renewed . Pipe fitter- QRs. 88.00 per hour x 8 Hours = QRs. 704.00. Material/Consumable:- QRs. 300.00.	1,004.00
6048	MAIN ENGINE No.2 LEAK REPAIR:- Engine no. 2 one oil pipe leakage from end fitting ,same opened and repaired , necessary machining carried out , re fit the pipe after repair. Pipe fitter/Welder/Machinist:- QRs. 88.00 per hour x 44 Hours = QRs. 3,872.00. Material/Consumable:- QRs. 150.00.	4,022.00
6049	AIR VENT VALVE:- 2 no air vent valve supplied and fit in two pipe as per sample, necessary adaptor brass material manufactured in machining work shop and connected with pipe. Pipe fitter/Welder/Machinist:- QRs. 88.00 per hour x 16 Hours =	1,808.00

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

ALILA MILAHA S&F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	QRs. 1,408.00. Material/Consumable:- QRs. 400.00.	
7000	FIRE DETECTOR SYSTEM:- Job has been cancelled.	
7001	CLEANING OF EM LOG TRANSDUCER:- Job has been cancelled.	
7002	RENEWAL OF ANCHOR AND WEAPING CAPSTON MOTOR ISOLATOR SWITCH:- Job identified with navy staff and LOTO applied. Found isolator switch, indicator and push button switch not working properly. Replaced with new isolator, indicator and push button. All cables secured properly. Checked the panel. Found satisfactory.Note: materials issued by yard. Electrician:- QRs. 88.00 per hour x 39 hours = QRs. 3,432.00. Material/Consumable:- QRs.380.00.	3,812.00
7003	RENEWAL OF DECK LIGHT GLASSES:- Job identified with navy staff. Removed all deck lights and brought to workshop. All glasses cleaned by soap water. Replaced the 3 bulbs. Refit the glass with new gaskets. Checked all lights. Found satisfactory. Electrician:- QRs. 88.00 per hour x 94 hours = QRs. 8,272.00. Consumable:- QRs. 100.00.	8,372.00

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

MILAHA S&F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
7004	REPAIRING OF WINDOW WIPER BLADE:-	8,490.00

Job identified with navy staff. Removed all wiper blade set and brought to workshop. Found all roller "O" ring and belt damaged. replaced "O" ring and belt.re-installed in the same position. Run test carried out. found satisfactory. Materials supplied by yard.

Electrician:- QRs. 88.00 per hour x 83 hours = QRs. 7,304.00.
Material/Consumable:- QRs. 1,186.00.

7005	OVERHAULING OF VENTILATION FANS MOTOR:-	36,210.00

A) AFT ENGINE ROOM BLOWER # 1& 2 (2Nos).

Blower protection grid unbolted, power supply cable disconnected, Blower assembly shifted and brought to workshop. Checked insulation of both motor value noted. Dismantled blower motor in order to start overhauling.
Clean the motors using electrical cleaning solvent cured inside the temperature control oven and re-varnished.
Megger tested motors winding found satisfactory.
The motor windings. All mechanical parts are cleaned by chemical solvent. Both motors end cover-bearing housing.
Area checked found DE covers are loosen and sent to machine shop for re-sleeving. Reading forwarded to QA/QC.
Re assembled Motor using by using yard supplied bearings.
Reassembled blower, bench tested and shifted back to vessel.
Refit the blower and protection grid.
Reconnected the power cables as per the marking. Satisfactory running test carried out and found OK.

B) OVERHAULING OF GALLEY EXHAUST FAN BLOWER:-

Removed the foundation bolts of blower trunk, disconnect the power supply cable, shifted blower with motor assembly and

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

MILAHA S&F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount

brought to workshop.
Withdraw the blower fan and removed the motor from the trunk.
Dismantled blower fan from rotor shaft. Dismantled motor both end covers draw out rotor, removed existing ball bearings from rotor shaft.
Cleaned the motors impeller and trunk using electrical cleaning solvent, cured inside the temperature control oven and re-varnished the motor windings.
Checked motor end covers bearing clearance satisfied.
Re-assembled Motor using yard supplied bearings.
MEGGER tested motor found satisfactory.
Reassembled blower, bench tested and shifted back to vessel.
Refit the blower on yard supplied gasket and protection grid.
Reconnect the power cables and satisfactory running tests carried out.

C) OVERHAULING OF TOILET FAN BLOWER.

Removed the foundation bolts of blower trunk, disconnect the power supply cable, shifted blower with motor assembly and brought to workshop.
Withdraw the blower fan and removed the motor from the trunk.
Dismantled blower fan from rotor shaft. Dismantled motor both end covers draw out rotor, removed existing ball bearings from rotor shaft.
Cleaned the motors impeller and trunk using electrical cleaning solvent, cured inside the temperature control oven and re-varnished the motor windings.
Checked motor end covers bearing clearance satisfied.
Re-assembled Motor using yard supplied bearings 6204ZZ - two Pc's.
MEGGER tested motor found satisfactory.
Reassembled blower, bench tested and shifted back to vessel.
Refit the blower on yard supplied gasket, bolts, nuts washers.
Reconnect the power cables and satisfactory running tests carried out.

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

MILAHA
S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	D) OVERHAULING OF STEERING ROOM BLOWER. Removed the foundation bolts of blower trunk, disconnect the power supply cable, shifted blower with motor assembly and brought to workshop. withdraw the blower fan and removed from the trunk. checked Megger reading. Found motor coil burned. Dismantled blower fan from rotor shaft. Dismantled motor both end covers draw out rotor, removed existing ball bearings from rotor shaft. As per navy staff instruction rewinding done. Cleaned the motors impeller and trunk using electrical cleaning solvent, cured inside the temperature control oven and revarnished the motor windings. Checked motor end covers bearing clearance satisfied. Re-assembled Motor using yard supplied bearings. Megger tested motor found satisfactory. Reassembled blower, bench tested and shifted back to vessel. Refit the blower on yard supplied gasket, bolts, nuts washers. Reconnect the power cables and satisfactory running tests carried out. NOTE: Bearings and winding materials supplied by yard.	
7005.	E) OVERHAULING OF FWD ENGINE ROOM BLOWER (2 Nos). Job has been identified with ship ETO and corresponding breakers are isolated by ship ETO. Unbolt blower protection grid, disconnect the power supply cable.Blower assembly brought to workshop. Checked insulation of both motor value noted. Dismantled blower motor in order to start overhauling. Clean the motors using electrical cleaning solvent cured inside the temperature control oven and re-varnished. Megger tested motors winding found satisfactory. The motor windings. All mechanical parts are cleaned by chemical solvent. Both motors end cover-bearing housing. Area checked found DE covers are loosen and sent to machine shop for re-sleeving. Reading forwarded to QA/QC. No:4 motor DE and NDE covers re-sleeved. Re assembled Motor using by using yard supplied bearings. Reassembled blower, bench tested and shifted back to vessel. Refit the blower and protection grid.	

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

ALILA MILAHA S & F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Reconnected the power cables as per the marking. Satisfactory running test carried out and found OK. Electrician/Machinist:- QRs. 88.00 per hour x 320 hours = QRs. 28,160.00. Rigger/Scaffolder:- QRs. 75.00 per hour x 48 hours = QRs. 3,600.00. Material/Consumable:- QRs. 4,450.00.	
7006	RENEWAL OF 220 VOLTS NEW SOCKET:-	8,329.00
	Job identified with navy staff. As per their instruction installed 13 amps double sockets in the AFT engine room and FWD engine room. 3x2.5sq mm 50 meters ship wiring cable pulled for 2 sockets. Connected the cables and checked. Found satisfactory. Materials supplied by yard. Electrician:- QRs. 88.00 per hour x 74 hours = QRs. 6,512.00. Material/Consumable:- QRs. 1,817.00.	
7007	RENEWAL OF SHORE SUPPLY BOX BROKEN ISOLATORS TERMINALS:-	5,073.00
	Job identified with navy staff. Disconnected all shore connection cables and connected to yard supplied shore connection box. Vessel shore power box bring to workshop. Removed all bus bar insulators and fuses. Found insulators damaged. shore power box sent to blasting and painting. After that re-assembled bus bars with new insulators. Damaged fuses replaced with new breakers. Indicators replaced with new one. Shift to vessel and refitted. Connect all cables as per marking. Connect shore supply cables and checked. Found satisfactory. Electrician:- QRs. 88.00 per hour x 51 hours = QRs. 4,488.00. Material/Consumable:- QRs. 585.00.	

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

E & O.E

MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
7008	EM LOG TRANSDUCER INSULATION:- Job has been cancelled.	
7009	ECHO SOUNDER TRANSDUCER:- Echo sounder transducer fresh water tank tight intersity cable insulation cleaned. Electrician:- QRs. 88.00 per hour x 6 hours = QRs. 528.00.	528.00
7010	RENEWAL OF FAMR AND ATU ROOM 220 VOLT NEW SOCKET:- Job identified with navy staff. As per their instruction installed 13 amps double sockets in the ATU room. 3x2.5sq mm 67 meters ship wiring cable pulled for 2 sockets. Connected the cables and checked. Found satisfactory. Using yard supplied 3x2.5 sq mm ship wiring cable x 67 mts., 16 Amps double pole breaker-2 Nos.and 13 Amps double sockets-2 Nos. Electrician:- QRs. 88.00 per hour x 86 hours = QRs. 7,568.00. Material/ Consumable:- QRs. 1,510.00.	9,078.00
7011	SHIP GALLEY 200V SOCKETS:- Job identified with navy staff. Found 2 numbers sockets damaged. replaced the sockets and checked. Found satisfactory. Using yard supplied materials. Electrician:- QRs. 88.00 per hour x 8 hours = QRs. 704.00. Material/ Consumable:- QRs. 50.00.	754.00
7012	REPAIR OF MAST LIGHT:-	2,960.00

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

MILAHA S&F

E & O.E

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
	Job identified with navy staff. Mast light checked and repaired as per navy instruction. Electrician:- QRs. 88.00 per hour x 33 hours = QRs. 2,904.00. Consumable:- QRs. 56.00.	
7013	REPAIR OF JUNIOR AND SAILOR BATH ROOM LIGHT GLASS:- Junior and sailor bath room lights glass repaired. Electrician:- QRs. 88.00 per hour x 16 hours = QRs. 1,408.00.	1,408.00
7014	REPAIR OF COOKING RANGE IN GALLEY:- Cooking range in galley checked and repaired. Electrician:- QRs. 88.00 per hour x 30 hours = QRs. 2,640.00. Material:- QRs. 635.00.	2,640.00
7015	REFRIGERATOR SW COOLING LINE REPAIR:- Refrigerator system sea water cooling pump disconnected removed and hand over to navy as per navy instruction - included in Job No. 6039.	
7200	REFILLING OF CHILLER SYSTEM COOLANT:- Chiller system old water drained and new coolant antifreeze to be fill in the chiller system approx. 80 liter and system inspected. Electrician:- QRs. 88.00 per hour x 38 hours = QRs. 3,344.00. material/Consumable:- QRs. 770.00.	4,114.00

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

E & O.E

ALILA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount
7500	SUPPLY OF MATERIAL:- Included in job no. 7501.	
7501	SUPPLY OF PAINT:- Following Paint compositions supplied by yard and used for painting works. Hempathane Top Coat (- 55210 - RAL No 6019 -) (Each 20ltrs can) - 6 Cans Hempalin Enamel (52140 - Ral - 10000) White (Each 20ltrs can) - 6 Cans Hempalin Enamel (52140- Ral - 11630) Off White (Each 20ltrs can) - 8 Cans Thinner 08080 (Each 20ltrs can) - 3 Cans Hempalin Enamel (52140-50800-Red (Each Can 5 Ltr) - 8 Cans Hempalin Enamel (52140-19990-Black (Each Can 5 Ltr) - 8 Cans Hempalin Enamel (52140-RAL NO 3009 Brown (Each Can 5 Ltr) - 8 Cans Hembadur Mastic 45881-50630-Red (Each 20 ltr can) - 10 Cans Hembadur Yellowish Grey -45182-25150-(Each 20 ltr can) - 8 Cans Hempalin Enamel Grey-52140-11480-(Each 20 ltr can) - 5 Cans Hempalin Enamel White-52140-10000-(Each Can 20 Ltr) - 6 Cans Thinner 08080 (Each 20 ltr can) - 6 Cans. Thinner 08450(Each 20 ltr can) - 8 Cans.	18,409.00
8000	PROPELLERS:- 4 nos. propeller (Size each 1420 mm dia.) cleaned, washed and polished in situ with cup wire brush. Based on standard schedule of rates, page no. 13 (QRs.1,240.00 per piece x 4 pieces = QRs. 4,960.00).	4,960.00

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

E & O.E

ALA MILAHA
S & F

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

INVOICE

100517
QATAR ARMED FORCES
Doha - Qatar DOHA QA 37

INVOICE NO : SFWK-DMY-008310
DATE : 06/10/2021
W/O Number : 21-011039
W/O Ref : MDO21023
EXPENSE A/C :

Vessel Name/Description: NAVY BOAT Q 06 - "AL ODAID"(Contract No: 2347/20)

Job No	Description	Line Amount

Encls:-

- Copy of fresh water delivery receipt (3 Nos.)
- Copy of Gsfree test certificates (10 Nos.).
- Copy of QA/QC reports.
- Copy of signed work completed report.

Invoice Amount --> 3,773,384.95

(QAR - Three Million Seven Hundred Seventy-Three Thousand Three Hundred Eighty-Four And 95/100 Only)

MILAHA
S & F

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

E & O.E