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Fax : 4771687



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QATAR ARMED FORCES

Doha - Qatar DOHA QA 37

INVOICE NO: SFWK/INV/013012/2021

DATE: 18/10/2021

EXPENSE A/C:

W/O NO: 21-011218 / 1

W/O REF: MDY21178

Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No	Description	Line Amount
	Boat arrived : 02-08-2021. Boat docked : 02-08-2021. Boat undocked : 16-08-2021. Boat sailed : 16-08-2021.	
1100	BERTH PREPARATION, DOCKING AND UNDOCKING :-	5,760.00
	Berth prepared, boat docked and undocked, including dock hire for first 2 days.	
	As per standard schedule of rates, page no. 9.	
1101	DRYBERTH HIRE :-	13,390.00
	Dryberth hire for remaining period (13 days).	
	Based on standard schedule of rates, page no. 9 (QRs. 1,030.00 per day x 13 days = QRs. 13,390.00).	
1102	SERVICES :-	7,680.00
	A) Fire and safety watch provided. (QRs. 310.00 per day x 15 days = QRs. $4,650.00$).	
	B) Fire line provided including connection and disconnection. (QRs. 185.00 per day x 15 days + QRs. 255.00 = QRs. 3,030.00).	
1150	N.A	

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W/O REF: MDY21178

Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No	Description	Line Amount
1151	SCAFFOLDING ARRANGEMENT :-	1,200.00
	Erected and removed scaffolding in bow area.	
	(QRs. 25.00 per cubic meter x 48 cubic meters = QRs. 1,200.00).	
1152	N.A	
1200	UNDERWATER AREA TREATMENT AND PAINTING :-	4,245.00
	Under water area (120 square meters) treated and painted as follows:-	
	Hand scrapped to remove marine growth (QRs. 360.00). HP jet washed using fresh water (QRs. 960.00). Damaged paint area power tool cleaned 20% of area. (QRs. 1,200.00). Hosed down with fresh water (QRs. 216.00). Applied with one T/U coat primer (QRs. 96.00). Applied with two T/U coat sealer (QRs.192.00). Applied one T/U coat antifouling. (QRs.96.00). Applied with one Full coat inter sleek 1100 SR gray (allow minimum 300 sq. meters) (QRs. 1,125.00).	
	(All pants compositions supplied by shipyard, included in Job No. 7500).	
1201	FIBER GLASS DAMAGE :-	2,000.00
	Fiber glass damaged area repaired and painted.	
	Fiberglass technician: - QRs. 75.00 per hour x 24 Hours = QRs.	

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Doha - Qatar

DOHA QA 37

INVOICE NO: SFWK/INV/013012/2021

DATE: 18/10/2021

EXPENSE A/C:

W/O NO: 21-011218 / 1

W/O REF: MDY21178

Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No	Description	Line Amount
	1,800.00. Consumable:- QRs. 200.00.	
1203	AFT TRANSOM CLEANING & PAINTING :-	2,550.00
	Aft transom area cleaned washed and painted. (All paints supplied by ship yard (Included in job No. 7500.00).	
	Painter :- QRs. 75.00 per hour x 32 hours = QRs. 2,400.00. Consumable:- QRs. 150.00.	
1204	M.E EXHAUST PIPE FLAP COVER PAINTING :-	1,380.00
	PORT & STBD side main engine exhaust pipes with flap cleaned and painted.	
	Painter:- QRs. 75.00/hour x 18 hours = QRs. 1,350.00. Consumables:- QRs. 30.00.	
1205	AFT PLATFORM CLEANING & PAINTING :-	2,660.00
	Aft transom area top side area cleaned ,washed and painted.	
	Painter:- QRs. 75.00 per hour x 20 hours = QRs. 1,500.00. Cleaner:- QRs. 48.00 per hour x 20 hours = QRs. 960.00. Consumable:- QRs. 200.00.	
1206	BOAT LINES :-	1,600.00
	Around of boat lines cleaned and painted.	

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W/O REF: MDY21178

Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No	Description	Line Amount
	Painter:- QRs. 75.00 per hour x 20 Hours = QRs. 1,500.00 + Consumable = QRs. 100.00 = QRs. 1,600.00).	
1207	PROP SPEED APPLICATION :-	7,870.00
	Both propellers , steering rudders , both hubs , tie rod with all hydraulic cylinders, prop speed supplied and applied.	
	Painter:- QRs. 75.00 per hour x 56 Hours = QRs. 4,200.00. Consumable (including propspeed):- QRs. 3,670.00	
1208	N.A	
1209	POLISHING OF ABOVE WATER AREA :-	4,815.00
	Above water area cleaned and polished.	
	Painter:- QRs. 75.00 per hour \times 66 hours = QRs. 4,650.00. Consumable:- QRs. 165.00.	
1210	SEA CHEST STARINERS CLEANING & INSPECTIION :-	
	Incl in job no 1405	
1250	ENGINE ROOM CLEANING & PAINTING :-	8,380.00
	All bilges area cleaned and painted , tank room , engine room , and steering room.	

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W/O REF: MDY21178

Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No	Description	Line Amount
	<pre>Painter:- QRs. 75.00 per hour x 35 hours = QRs. 2,625.00. Cleaner:- QRs. 48/ hour x 113 hours = QRs. 5,424.00. Consumable:- QRs. 331.00.</pre>	
1251	ENGINE ROOM & STEERING ROOM SHAFTS CLEANING & PAINTING :-	850.00
	Shafts in engine room and steering room cleaned and painted.	
	Painter:- QRs. 75.00 per hour x 10 hours = QRs. 750.00. Consumable:- QRs. 100.00.	
1350	ANCHOR & ANCHOR CHAIN PAINTING :-	1,960.00
	Anchor and anchor chain lowered ,cleaned , treated and painted, restowed. Note :Paint Supplied by Yard (Included in Job No. 7500).	
	(Blasting QRs 930.00 + Painting QRs 620.00+ Shots mark QRs. $410.00 = QRs 1,960.00$).	
1351	CHAIN LOCKER CLEANING & PAINTING :-	2,575.00
	Chain locker cleaned and painted.	
	(All paints supplied by ship yard (Included in job No. 7500.00).	
	As per standard schedule of rates, page No. 12.	
1400	TRIM WIRE CHECK :-	352.00

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Doha - Qatar DOHA QA 37

INVOICE NO: SFWK/INV/013012/2021

DATE: 18/10/2021

EXPENSE A/C:

W/O NO: 21-011218 / 1 W/O REF: MDY21178

Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No	Description	Line Amount
	Both trim wire(port&stbd) checked , adjusted necessary and witnessed by client.	
	Mechanic: QRs. 88.00 per hour \times 4 Hours = QRs. 352.00.	
1401	PROPELLER TIGHTENING:-	1,408.00
	Port and stb propellers nuts are inspected and tighten. Witnessed by Client	
	Mechanic:- QRs. 88.00/hour x 16 hours = QRs. 1,408.00.	
1402	TRIM OIL CHANGE :-	940.00
	Trim oil (port and stbd) drained ,and refilled back each side with client supplied 27 litre trim oil.	
	Mechanic: QRs. 88.00/hour \times 10 hours = QRs. 880.00. Consumables: QRs. 60.00.	
1403	STEERING CYLINDER TIGHTENESS :-	352.00
	Sockets, trim and steering cylinder bolts tightness checked. Witnessed by Client	
	Mechanic:- QRs. 88.00/hour x 4 hours = QRs. 352.00.	
1404	UNDER WATER VALVES CHECK :-	3,304.00
	Following valves are inspected insitu. M/E Suction butterfly valve DN125- 2 nos,	

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W/O REF: MDY21178

Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No Description Line Amount

Intermediate butter fly valve DN65-2 nos DG Suction Ball valve 2" nos $\,$

AC Suction ball valve 2" removed and brought to workshop, valve found stuck. Refitted yard supplied new valve2" ball valve in original position .

Mechanic: - QRs. 88.00 per hour x 33 Hours = QRs. 2,904.00. Material/Consumable: - QRs. 400.00.

1405 SEA SUCTION STAINER CLEANING :- 3,780.00

Following 6 nos filter's are removed and brought to workshop chemical cleaned and washed and refitted back in original position. Witnessed by client.

M/E filtter size 4" dia. -2 Nos. DGFiltter size 2" dia. -1 No.

AC filter size 2" dia. - 1 No.

Watter maker filter size 2" dia. -1 No. Watter maker filter size 1" dia. -1 No.

Mechanic/Pipe fitter:- QRs. 88.00 per hour x 40 hours = QRs.

3,520.00. Consumables: - QRs. 260.00.

1406 STEERING HYDRALIC HOSE REPAIR :-

Not done.

1407 THRUSTHER BALL TIGHTNESS :- 616.00

Thrust ball retainer tightness checked. witnessed by client.t.

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W/O NO: 21-011218 / 1

W/O REF: MDY21178

Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No	Description	Line Amount
	Mechanic:- QRs. 88.00/hour x 7 hours = QRs. 616.00	
1408	STEERING INDICATOR WIRE INSPECT :-	352.00
	Steering system indicator gauge wire checked properly .Witnessed by client	
	Mechanic:- QRs. 88.00 per hour x 4 Hours = QRs. 352.00.	
1409	PROPELLER INSPECT & TIGHTEN :-	
	Both propeller nuts inspected and tightened included in Job No. 1401.	
1800	SS PIPE & ITEMS CLEANING POLISHING:-	2,510.00
	Anchor seating area polish work - 1000mm X 1000mm. Scaffolding arranged and removed for access - 01M X 03M X 03M.	
	All stainless steel items and equipments in deck cleaned and polished as follows: Balloon hook polish work - 12 nos. Bollard - 06 pair. Mooring roller - 04 nos. FWD. center pipe - 3500mm long - 01 nos. Aft handrail - 4000 mm 02 nos. Cabin hand rail - 4500 mm 02 nos. Canopy pipe - 12000 mm - 01 nos. Aft. Door - 1200mm - 02 nos. Aft. Hand rail - 1000 mm 01 nos.	

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Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No Description Line Amount

Handle - 300mm long. - 02 nos.

Ladder - Removed from position, polished and refitted. - 1800mm

- 01 nos.

Ladder hinjus - 02 nos.

Deck hatch hinges - 75mm X 100mm - 06 nos.

Door Hinges - 60mm X 40mm - 04 nos.

Fabricator:- QRs. $88.00/hour \times 63 hours = QRs. 5,544.00$. Scaffolder:- QRs. 75 per hour x 11 hours = QRs. 825.00.

Consumables: - QRs. 50.00.

2500 PROPELLER RUDDER POLISH:-

Incl in job no 8000.

2501 ZINC ANODES :- 4,220.00

Following 17 Nos. propulsion zinc anodes replaced as per client instruction.zinc details as follows.

Anode size 300mm x 150mm x 25mm thickness - 2 Nos. (QRs. 420 x 2

Nos. = QRs. 840.00).

Anode size 10.5 kgs zinc anodes - 1 No.(QRs. 380 x 1 no = QRs.

380.00).

Sphere shape anode size 75mm in diameter 30mm in thickness - 6

Nos.(QRs. 200 x 6 Nos. = QRs. 1,200.00).

Anode size 40 mm OD x 7 mm ID x 18 mm thickness - 2 Nos.(QRs. 150

x 2 Nos. = QRs. 300.00).

Anode size 65mm OD x 11mm ID x 45mm thickness - 2 Nos.(QRs.

 $200 \times 2 \text{ Nos.} = QRs. 400.00).$

Anode size $45/35 \times 185 \times 45$ mm thickness - 4 Nos. (QRs. 250 x 4

Nos. = QRs. 1,000.00).

2 nos brass plate cleaned and polished with steel cup wire

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Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No	Description	Line Amount
	brush.(QRs. 100.00). Staging before start the job and removed after completion of the job.	
5050	MAIN ENGINE GEAR BOX COOLER OVERHAUL :-	
	Not done.	
5600	TRIM OIL DRAIN AND RENEWAL :-	
	Incl in job no 1402.	
6000	CONDENSER CLEANING :-	3,212.00
	A/C condensers and valves internally cleaned. Chemical flushing process activated for 24 hours. A/C condenser inlet and outlet suction Hose pipe opened. Temporary pipe line and pump connected for chemical circulation. Disconnected all temporary connections after chemical flushing process. Refitted all pipe connections in original location.using yard supplied 2 gallon Barnacle Buster.	
	Pipe fitter:- QRs. 88.00 per hour x 24 hours = QRs. 2,112.00. Consumable:- QRs. 1,100.00.	
6001	BILGE PUMP STAINERS :-	2,144.00
	Total 07 nos. bilges pump strainers opened cleaned and re fitted as per navy instruction.	

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Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No	Description	Line Amount
	<pre>Pipe Fitter:- QRs. 88.00/hour x 23 hours = QRs. 2,024.00. Consumables:- QRs. 120.00.</pre>	
6002	HYDRALIC HOSE INSULATION :-	804.00
	AFT transom area hoses protected with flexible plastic tube and with heavy duty cable tie. Material supplied by shipyard.	
	Electrician: - QRs. $88.00/hour \times 8 hours = QRs. 704.00$. Consumables: - QRs. 100.00 .	
7000	N.A	
7001	BATTERY CHARGING :-	704.00
	Job identified with navy staff. All batteries checked and charging completed. Found satisfactory	
	Electrician:- QRs. 88.00 per hour x 8 Hours = QRs. 704.00	
7002	ANCHOR WINCH REPAIR :-	
	Not done.	
7500	SUPPLY OF PAINT AND PAINT EQUIPMENT :-	9,645.00
	All paints and paint consumables supplied.	
	Primer Hampel 45550 Grey - 10 ltrs. Intersleek 731 - 10 ltrs.	

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Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No Description Line Amount

Intersleek 1100 - 20 ltrs. Interthane - 990 Grey - 5 Ltrs. Interthane - 990 Black - 5 Ltrs. Trilux white - 5 Ltrs. Enamel aluminum for chain - 5ltrs

3m polishing rubbing compound - 5ltrs 3m polishing finishing compound - 5ltrs

Enamel white - 20 Ltrs. Thinner 8450 - 20 Ltrs. Thinner 808 -20 Ltrs. Copper coat -3 Kits.

7501 SPARE MATERIAL SUPPLY :-

Not done.

8000 POLISHING OF PROPER SS AREA :- 2,510.00

P/S Propellers, (900mm in diameter 5 blade each) steering rudders ,stern tubes with tie rod ,and bronze hub cleaned and polished with steel cup wire brush at site. Erected staging before start the job and removed after completion of job.

Machinist: - QRs. 88.00/hour x 26 hours = QRs. 2,288.00. Consumables: - ORs. 222.00.

8001 N.A

Note: -

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Vessel Name/Description: NAVY FIBRE GLASS BOAT "Q-28" (Contract No 2347/20)

Job No

Description

Line Amount

Payment as per contract.

Encl:-

Copy of original completion report.

Invoice Amount -->

105,768.00

(QAR - One Hundred Five Thousand Seven Hundred Sixty-Eight Only)

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