



KHULNA SHIPYARD LIMITED

BANGLADESH NAVY, KHULNA

PHONE : 02-4411-0990, FAX : 880-41-720404

E-mail : dgml.ksy@gmail.com

BABE (F) -1151/MO/323/2023-24/

01 October 2023

Dear Sir

INVITATION FOR QUOTATION OF DIFFERENT TYPE DIVING ITEMS.

1. Khulna Shipyard Limited (KSY) will procure as per attach specification (19 Page) and following terms & condition:

SL	Description of Items	Quantity
01	Boat Repair Tools Kit With Bag	05 Sets
02	Double Cylinder Backpack with Harness for Diving Set	20 Pcs
03	Tool Box with Standard Tools for Diving Set, Size: 15"	20 Sets
04	Diving Watch	05 Pcs
05	Life Preserver for Diving Set	05 Pcs
06	Portable Pressure Gauge, 0 to 500 psi (350 Bar)	05 Pcs
07	Scuba Tank Boot (Diameter-7.25", Aluminum)	40 Pcs

2. a) Please send your offer on CPT Dhaka Air Port basis within 12/10/2023 (1500 Hours) by e-mail or closed envelop.
b) Insurance will be covered by the buyer.
c) Payment: Payment will be made through L/C. 80% of the total contract value will be paid against shipping documents and rest 20% will be paid after receiving the material at KSY premises and satisfactory acceptance.
d) Shipment: 30 days from the opening date of L/C.
3. **1%** (one) Bid Bond/Earnest Money of the total quoted CPT value must be submit with offer. Bid Bond may be Pay Order / Bank Guarantee (any schedule bank of Bangladesh) in favour of Khulna Shipyard Limited, Khulna.
4. 5% Performance Guarantee (PG) is to be submitted before Purchase Order. This PG will release after receiving the material and satisfactory acceptance by KSY.
5. Warranty: 01 (One) Year after acceptance by KSY.
6. Warranty for Guarantee: The 5% Performance Guarantee will be considered as Warranty for Guarantee for the contracted item which shall remain valid until expiry date of the warranty period.
7. Offer Validity: 45 Days from Tender Opening Date.

Yours sincerely

SK. SHAH MOSHIUR RAHMAN
Manager Admin
OIC-Commercial Foreign



খুলনা শিপইয়ার্ড লিমিটেড

দফা নং-১

বাংলাদেশ নৌ-বাহিনী, খুলনা


ITEM SPECIFICATIONS

QF-PUR-01

Material Name	Boat Repair Tools Kit With Bag
Code	33B/3801
Demand Quantity	5.0
Expected Time	15__days
Country Origin	To be mentioned.
Country Manufacture	To be mentioned.
Manufacturing Year	2022 or Later.
Brand	To be mentioned.
Size	As per attachment
Weight	To be mentioned.
Attachment	<u>attachment</u>
Name Of Item	Boat Repair Tools Kit with Bag.
Purpose	Ship's Boat Repair.
Technical Parameters	a. Item Size: As per List of tools item, b. Grade: Marine Grade, c. Colour: Black.
Source Of Supply	To be mentioned.
Port Of Shipment	To be mentioned.
Manufacturer'S Name And Address	To be mentioned.
Certificate And Document Of Authentication	To be mentioned.
Packing & Labelling	Sea worthy condition.
Warranty	1 (One) Year.
Test, Trail And Acceptance	Will be completed by ship.

Accessories	If applicable.
Reference	Military Products এর আভ্যন্তরীণ লিপি নং: সুত্রঃ প্রজেক্ট-৩৬২/ পাট-২৪/15947, তারিখঃ Aug. 1, 2023
Supplier/ Local Agent	To be mentioned.
List Of Tools	Tools Bag (Black/grey), Adjustable Spanner(10 Inch), patch kit with glue, patches, brushes(1/ 4 ,1/ 3 , 1/ 2 , 1, 1 1/ 2 and 2 Inches), buffing stone, clam shell repair clamp(2, 2 1/ 2 and 3 Inches),
List Of Tools	Pliers(6-7 Inches), Ball Point Hammer, Open-end Spanner (M10-M18), screwdrivers (Flat-10 Inch and Star-10 Inch), Castle nut and cotton pin, Emergency shut off clip and Combined spanner(M19-M24).
Specification	As per attached document and picture.

TECHNICAL SPECIFICATION OF RIGID HULL BOAT REPAIR TOOLS KIT

Ser	Particular	Description									
1.	Name of Item	Boat Repair Tools Kit with Bag									
2.	Quantity	01									
3.	Purpose	Ship's Boat Repair									
4.	Technical Parameters	<table> <tr> <td>a.</td><td>Item Size</td><td>As per ser no- 20</td></tr> <tr> <td>b.</td><td>Grade</td><td>Marine Grade</td></tr> <tr> <td>c.</td><td>Colour</td><td>Black</td></tr> </table>	a.	Item Size	As per ser no- 20	b.	Grade	Marine Grade	c.	Colour	Black
a.	Item Size	As per ser no- 20									
b.	Grade	Marine Grade									
c.	Colour	Black									
5.	Country of Origin	To be mentioned									
6.	Country of Manufacture	To be mentioned									
7.	Year of Manufacture	2022 or later									
8.	Source of Supply	To be mentioned									
9.	Port of Shipment	To be mentioned									
10.	Manufacturer's Name and Address	To be mentioned									
11.	Supplier/ Local Agent	-									
12.	Certificate and Document of Authentication	To be mentioned									
13.	Packing & Labelling	Sea worthy condition									
14.	Warranty	One Year									
15.	Installation	NA									
16.	Test, Trail and acceptance	Will be completed by ship									
17.	Site Visit (Focal Point)	NA									
18.	Training	NA									
19.	Accessories	If applicable									
20.	List of tools	Tools Bag (Black/grey), Adjustable Spanner(10 Inch), patch kit with glue, patches, brushes(1/4, 1/3, 1/2, 1, 1 1/2 and 2 Inches), buffing stone, clam shell repair clamp(2, 2 1/2 and 3 Inches), pliers(6-7 Inches), Ball Point Hammer, Open-end Spanner (10-18 Inches), screwdrivers (Flat-10 Inch and Star-10 Inch), Castle nut and cotton pin, Emergency shut off clip and Combined spanner(19-24 Inches)									
21.	Picture										



খুলনা শিপইয়ার্ড লিমিটেড

দফা নং-২

বাংলাদেশ নৌ-বাহিনী, খুলনা

ITEM SPECIFICATIONS

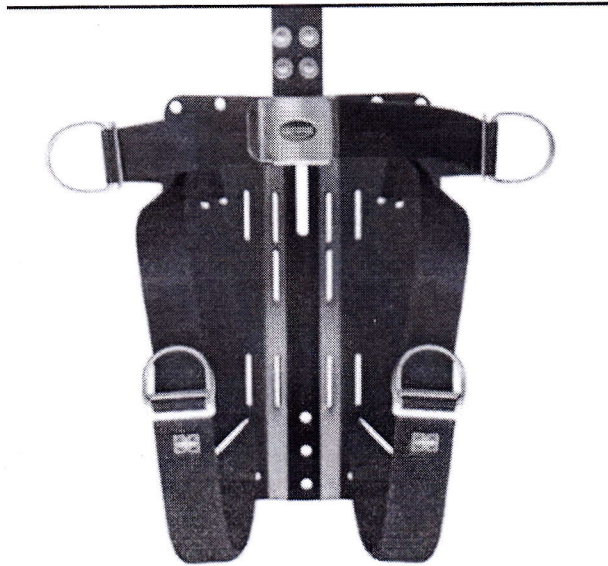
QF-PUR-01

Material Name	Double cylinder backpack with Harness for Diving set
Code	24B/1308
Demand Quantity	20.0
Expected Time	10 days
Country Origin	USA
Country Manufacture	To be mentioned.
Manufacturing Year	2022 or Later.
Brand	Xs SCUBA.
Size	As per standard. The item must be fitted with KSY existing diving cylinder and served the purpose.
Weight	To be mentioned.
Attachment	attachment
Company Name	Highland.
Technical Parameters	As follows:
A.	The 2 in (50 mm) nylon web is specifically sourced for harness and crotch strap applications.
B.	Includes two 5mm thick neoprene shoulder pads (p/n HL805).
C.	Includes 6 D-ring attachment points (2 waist, 2 shoulder, 2 crotch straps).
D.	Includes adjustable crotch strap.
Specification	As per attached document and picture.

SPECIFICATION OF BACKPACK WITH HARNESS

Highland Aluminium Tec/Rec Harness.

1. Brand : Xs SCUBA
2. Company Name : Highland
3. Country of Origin : USA
4. The 2 in (50 mm) nylon web is specifically sourced for harness and crotch strap applications.
5. Includes two 5mm thick neoprene shoulder pads (p/n HL805).
6. Includes 6 D-ring attachment points (2 waist, 2 shoulder, 2 crotch straps)
7. Includes adjustable crotch strap.





খুলনা শিপইয়ার্ড লিমিটেড

দফা নং-৬

বাংলাদেশ নৌ-বাহিনী, খুলনা

ITEM SPECIFICATIONS

QF-PUR-01

Material Name	Tool Box With Standard Tools For Diving Set, Size: 15"
Code	33B/3802
Demand Quantity	20.0
Expected Time	15__days
Country Origin	USA
Country Manufacture	To be mentioned.
Manufacturing Year	2022 or Later.
Brand	Husky.
Size	Tool Box Size: 15"(inch).
Weight	To be mentioned.
Attachment	<u>attachment</u>
Name Of Item	Diving Tool Box.
Tool Box Size	15"(inch).
Item Of Tool Box	As follows:
A. Allen Key Set	02 set (03mm -10mm).
B. Adjustable Spanner	4 Nos, (06", 08", 10", 12") each sizes 01 nos.
C. Star Screw Driver	04 Nos.
D. Flat Screw Driver	04 Nos.
E. Ratchet Spanner	01 Nos.
Quantity	20 Sets complete.
Model	Husky Xs 50
Colour	Black

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Company Name	Husky mechanics.
Specification	As per attached document and picture.

SPECIFICATON OF DIVING TOOL BOX

- | | | |
|----|-------------------|-------------------|
| 1. | Name of Item | :Diving Tool Box |
| 2 | Tool Box Size | :15"(inch) |
| 3. | Brand: | Husky. |
| 4. | Company name | : Husky mechanics |
| 5. | Country of Origin | : USA |
| 6. | Model | : Husky Xs 50 |
| 6. | Colour | : Black |

Item of tool Box:

- | | |
|-----------------------|---------------------------|
| a. Allen Key set | - 02 set (03mm -10mm) |
| b. Adjustable Spanner | - 04 (06", 08", 10", 12") |
| c. Star Screw Driver | - 04 |
| d. Flat Screw Driver | - 04 |
| f. Ratchet Spanner | - 01 |





খুলনা শিপইয়ার্ড লিমিটেড

বাংলাদেশ নৌ-বাহিনী, খুলনা

ITEM SPECIFICATIONS

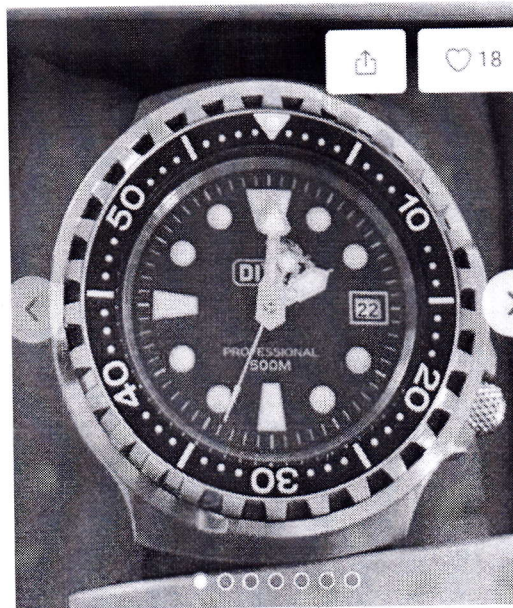
QF-PUR-01

দফা নং-৪

Material Name	Diving Watch
Code	24B/1309
Demand Quantity	5.0
Expected Time	15__days
Country Origin	USA/UK
Country Manufacture	To be mentioned.
Manufacturing Year	2022 or Later.
Brand	Divex.
Size	As per standard.
Weight	To be mentioned.
Attachment	attachment
Name Of The Equipment	Diving watch.
Model	RM 680.
Colour	Black.
Water Resistanc	100 mtr.
Purpose	To be used by divers under water to identify timing, temperature, pressure and location of the diver.
Specification	As per attached document and picture.

SPECIFICATION OF DIVEX OFFSHORE DIVE WATCH

1. Name of the Equipment : Diving watch.
2. Quantity : 04
3. Brand : Divex.
4. Model : RM 680.
5. Country : USA/UK
6. Colour : Black
7. Water Resistanc : 100 mtr
8. Purpose : To be used by divers under water to identify timing, temperature, pressure and location of the diver





খুলনা শিপইয়ার্ড লিমিটেড

দফা নং- ৬

বাংলাদেশ নৌ-বাহিনী, খুলনা

ITEM SPECIFICATIONS

QF-PUR-01

Material Name	Life Preserver for Diving set
Code	24B/1310
Demand Quantity	5.0
Expected Time	15_days
Country Origin	USA/ UK/ EU countries,
Country Manufacture	To be mentioned.
Manufacturing Year	2022 or Later.
Brand	To be mentioned.
Size	As per standard.
Weight	To be mentioned.
Attachment	attachment
Purpose	To control diver's buoyancy and for emergency surfacing from any depth.
Colour	Black.
Quantity	5 Set.
Technical In Details	-
A. Air Cylinder	Made of dual bag synthetic cloth and fitted with compressed air bottle (capacity 0.35-0.45 ltr (approx) working pressure 232 bar.
B. Breathing Bag	Made of dual bag synthetic cloth. The outer bag should be extremely flexible and material has to be proven in test five times more than abrasion resistant
B. Breathing Bag	And three times more puncture resistant than nylon (polyamide) fabrics. The inner bag has to provide the air holding capability and maximum buoyancy of (17-23) (25-30) kg.
C. Low Pressure Hose	The standard low pressure hose is to be approximately of 80cm/31.5 inches long. The inflator hose will be supplied with medium /intermediate pressure of less than 400 psi (28 bar).
D. Auto Pressure Relief Valve	Fitted with manual and auto matic pressure relief valve for manual operation it is actuated by pulling the knob straight down to open spring loaded valve and thus allowing air to escape from the life preserver.

E. Emergency Breathing Inflation Valves	It has to allow the diver to breathe air from the life preserver by simply inhaling and exhaling.
F. Drain Valve	It has to enable easy washing of the inner bag through the drain valve.
G. Harness And Rescue Harness	The harness is to be constructed of strong webbing with quick release buckles and sufficient length to fit with diver attached. The rescues are to be fitted in a convenient place.
H. Cylinder Post	The cylinder valve is to be attached to the jacket mounted cylinder post.
H. Cylinder Post	a. Inflatable device (Similar to life jacket) used for controlling divers buoyancy and emergency sufflating.
H. Cylinder Post	b. To contain a compressed air bottle and manual (Oral and low pressure) inflation device.
I. Normal Working Depth	40 m + 10 m
J. Spares	Spare parts of at least 5 years to be supplied and guarantee of supplying spares for further 5 years is to be provided.
Specification	As per attached document and picture.

SPECIFICATION OF LIFE PRESERVERS FOR DIVING

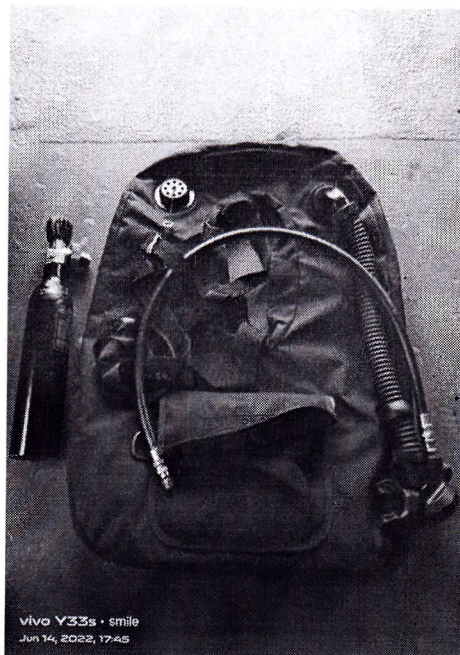
1. Name of Items: Life preserver
2. Purpose: To control diver's buoyancy and for emergency surfacing from any depth.
3. Country of Origin: USA, UK and EU countries.
4. Colour: Black
5. Quantity: 05 (Five) in numbers complete sets.
6. Technical in Details:
 - a. Air Cylinder: Made of dual bag synthetic cloth and fitted with compressed air bottle (capacity 0.35-0.45 ltr (approx) working pressure 232 bar.
 - b.
 - c. Breathing Bag: Made of dual bag synthetic cloth. The outer bag should be extremely flexible and material has to be proven in test five times more than abrasion resistant and three times more puncture resistant than nylon (polyamide) fabrics. The inner bag has to provide the air holding capability and maximum buoyancy of (17-23) (25-30) kg.
 - d. Low Pressure Hose: The standard low pressure hose is to be approximately of 80cm/31.5 inches long. The inflator hose will be supplied with medium /intermediate pressure of less than 400 psi (28 bar).
 - e.
 - f. Auto Pressure Relief Valve: Fitted with manual and auto matic pressure relief valve for manual operation it is actuated by pulling the knob straight down to open spring loaded valve and thus allowing air to escape from the life preserver.
 - g. Emergency Breathing Inflation Valves: It has to allow the diver to breathe air from the life preserver by simply inhaling and exhaling
 - h. Drain Valve: It has to enable easy washing of the inner bag through the drain valve.
 - i. Harnase and Rescue Harness: The harness is to be constructed of strong webbing with quick release buckles and sufficient length to fit with diver attached. The rescues are to be fitted in a convenient place.

j. **Cylinder Post:** The cylinder valve is to be attached to the jacket mounted cylinder post

- a. Inflatable device (Similar to life jacket) used for controlling divers buoyancy and emergency suflacing.
- b. To contain a compressed air bottle and manual (Oral and low pressure) inflation device.

k. **Normal Working Depth:** 40 m+ 10 m

l. **Spares:** spare parts of at least 5 years to be supplied and guarantee of supplying spares for further 5 years is to be provided.





খুলনা শিপইয়ার্ড লিমিটেড

দৃশ্য নং- ৬

বাংলাদেশ নৌ-বাহিনী, খুলনা

ITEM SPECIFICATIONS

QF-PUR-01

Material Name	Portable Pressure Gauge, 0 to 500 psi (350Bar)
Code	24B/1311
Demand Quantity	5.0
Expected Time	15_days
Country Origin	USA
Country Manufacture	To be mentioned.
Manufacturing Year	To be mentioned.
Brand	Xs SCUBA
Size	As per standard.
Weight	To be mentioned.
Attachment	attachment
Name Of Item	Portable pressure gauge.
Company Name	Sea pearls.
Purpose	Diving cylinder / Tank Pressure Checker.
Quantity	05 Set.
Features	-
A.	Easy-Way to Check Tank Pressure.
B.	Impact resistant rubber gauge boot.
C.	Large and easy to operate yoke hand wheel.
Material	Crome-Plated, Marine Grade Solid-Brass.
Read Out	0 to 500 Psi (350 Bars) Pressure Gauge.
Integrated Bleed Valve	Yes.

-1-

Reference

Military Products এর আভ্যন্তরীণ লিপি নং- সূত্রঃ প্রজেক্ট-৩৬২/ পাট-২৪/৫৬২, তারিখঃ Aug. 7, 2023

SPECIFICATION of PORTABLE PRESSURE GAUGE

Scuba Gear Technical Information:

1. Brand : Xs SCUBA
2. Country of origin : USA
3. Company name : Sea pearls
4. Purpose : Diving cylinder/ Tank Pressure Checker
5. Quantity : 01
6. Features :
 - a. Easy-Way to Check Tank Pressure
 - b. Impact resistant rubber gauge boot.
 - c. Large and easy to operate yoke hand wheel.
7. Material : Crome-Plated, Marine Grade Solid-Brass.
8. Read Out : 0 to 500 Psi (350 Bars) Pressure Gauge.
9. Integrated Bleed Valve :Yes





দফা নং-৭

খুলনা শিপইয়ার্ড লিমিটেড

বাংলাদেশ নৌ-বাহিনী, খুলনা

ITEM SPECIFICATIONS

QF-PUR-01

Material Name	Scuba tank boot (Diameter-7.25", Aluminum)
Code	24B/1312
Demand Quantity	40.0
Expected Time	15__days
Country Origin	To be mentioned.
Country Manufacture	To be mentioned.
Manufacturing Year	To be mentioned.
Brand	To be mentioned.
Size	Diameter- 7.25" (inch).
Weight	To be mentioned.
Attachment	attachment
Name Of Item	Scuba tank boot.
Shape & Material	Octagonal shape plastic.
Fitting Item	Standard aluminum 80 and 63 cu tanks.
Description	Octagonal shaped plastic boot for the bottom of a scuba diving tank. 7.25" inch diameter fits standard aluminum 80 and 63 cu tanks.
Quantity	05 Nos.
Specification	As per attached document and picture.

SCUBA TANK BOOT

Description: Octagonal shaped plastic boot for the bottom of a scuba diving tank. 7.25" inch diameter fits standard aluminum 80 and 63 cu tanks.



Scuba Tank Boot