KETUA BAHAGIAN KEJURUTERAAN
MARKAS OPERASI
PASUKAN POLIS MARIN SANDAKAN
WILAYAH EMPAT (4) SABAH
POLIS DIRAJA MALAYSIA
JALAN BULI SIM-SIM
90000 SANDAKAN, SABAH

SKOP KERJA PENYELENGGARAAN/PEMBAIKAN TAHUNAN
BOT RONDA RH 38 PPM LAHAD DATU W4 SABAH TAHUN 2026

SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
	Boat Specifications:					
	Nama / No bot : RHFB 38 PPM LAHAD DATU					
	Jenis Hull : Fibreglass					
	Length overall : 11.00 Meter					
	Beam overall : 2.88 Meter					
	Draft : 0.58 Meter					
	Weight : 3.8 Ton					
	Speed : 42 Knot					
	Enjin : Mercury L6 300HP x 2 Nos					
	Engine R/Hours : Port/Stbd - 1800 Hrs					
	Engine Serial No : Port - 2B 172469					
	: Stbd - 2B 378567					
	Fuel tank : 1000 Liter					
1	**SLIPPING AND UNSLIPPING**					
1.1	To docking and undocking boat.					
	RM x	2.1	148.20			
1.2	Docking chargers 30 days.					
	RM x x	2.2				
1.3	Crane charges to lift up bot from trailer to cradle & from cradle to trailer after completion of work.					
	RM x	4.7.2				
2	**UNDERWATER HULL (22.66M²)**					
2.1	To scrape marine growth,wash down and clean underwater hull with HP freshwater (22.66m²)					
	RM x m2	3.3				
2.2	Labour to grinding underwater hull to bare fibre. (22.66m²)					
	RM x m2	3.6(a)	21.12			478.58
2.3	Labour and material to rebuilt powder at underwater hull pitted area.					
	RM x mh	41				
	Material;					
a	Powder fibreglass - 0.2 kg					
	RM x x	42				
2.4	Labour to grinding underwater hull to smooth before painting. (min. charge 10m²)					
	RM x m2	3.6(a)	21.12			211.20
	SUB-TOTAL		**190.44**	**0.00**	**0.00**	**689.78**

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SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
2.5	To wash down after grinding and before painting underwater hull area. (22.66m²)					
	RM x m2	3.2	3.00			67.98
2.6	Labour and material to paint the whole underwater hull according to specification layer coats by hempel (22.66m²) (4 coats)					
	RM x x	3.13(a)	2.20			199.41
	Material;					
a	Hemple paint undercoat red 5liter - 2 tin					
	RM x x	42				
b	Hemple paint yellowish 5liter - 2 tin					
	RM x x	42				
c	Hempel quatro - 2 tin					
	RM x x	42				
d	Hemple paint Black Antifouling 5liter - 2 tin					
	RM x x	42				
e	Hemple thinner 08080 - 2 tin					
	RM x x	42				
2.7	Labour to reposition chock/block to complete coverage painting.					
	RM x	2.4				
3	**SHIPSIDES PORT AND STBD (14.24M²)**					
3.1	Light scrape and throughly clean shipside with HP freshwater at (14.24m²)					
	RM x m2	3.3				
3.2	Labour to grinding underwater hull to bare fibre. (14.24m²)					
	RM x m2	3.6(a)	21.12			300.75
3.3	Labour and material to rebuilt cement putty at shipside area.					
	RM x mh	41				
	Material;					
a	Cement putty - 1 tin					
	RM x x	42				
3.4	Labour to grinding shipside to smooth before painting. (min. charge 10m²)					
	RM x m2	3.6(a)	21.12			211.20
3.5	To wash down after grinding and before painting shipside area. (14.24m²)					
	RM x m2	3.2	3.00			42.72
3.6	Labour and material to paint shipside 2 coat paint by spray. (14.24m²)(2 coats)					
	RM x x	3.13(a)	2.20			62.66
	SUB-TOTAL		**52.64**	**0.00**	**0.00**	**884.71**

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BOT RONDA RH 38 PPM LAHAD DATU W4 SABAH TAHUN 2026

SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
	Material;					
a	Hemple paint black color 5 liter - 2 tin					
	RM x x	42				
b	Hemple thinner 08080 - 1 tin					
	RM x x	42				
4	**TRANSOM (2m²) AND MOTOR WELL (4m²)**					
4.1	Light scrape and throughly transom and motor well with HP freshwater. (min. charge 10m²)					
	RM x m2	3.3				
4.2	To grinding the whole transom and motorwell area to sound paint. (min. charge 10m²)					
	RM x m2	3.6(a)	21.12			211.20
4.3	Labour and material to rebuilt cement putty at motor well area.					
	RM x m2	41				
	Material;					
a	Cement putty - 0.5 tin					
	RM x x	42				
4.4	Labour to grinding transom and motor well to smooth before painting. (min. charge 10m²)					
	RM x m2	3.6(a)	21.12			211.20
4.5	To wash down after grinding and before painting transom and motor well area. (min. charge 10m²)					
	RM x m2	3.2	3.00			30.00
4.6	Labour and material to spray paint transom (4 coats) (min.charge 10m²)					
	RM x x	3.13(a)	2.20			88.00
	Material :					
a	Hempadur Red - 1 liter					
	RM x x	42				
b	Hempadur Quattro - 1 liter					
	RM x x	42				
c	Hempadur Yellowish - 1 liter					
	RM x x	42				
d	Black Antifouling - 1 liter					
	RM x x	42				
e	Hempel Thinner - 0.5 liter					
	RM x x	42				
4.7	Labour and material to respray paint motor well (2 coats) (min.charge 10m²)					
	RM x x	3.13(a)				
	Material :					
a	Hempathene Black - 2 liter					
	RM x x	42				
	SUB-TOTAL		**47.44**	**0.00**	**0.00**	**540.40**

SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
b	Hempel Thinner - 0.5 liter					
	RM x x	42				
4.8	Labour and material to remove, renew and reinstall inspection cover motor well.					
	RM x mh	41				
	Material;					
a	Deck Inspection Hatch 353mm X 606mm - 1 unit					
	RM x x	42				
4.9	Labour and material to remove, renew and reinstall outlet drain canvas transom.					
	RM x mh	41				
	Material;					
a	Canvas outlet - 2 sheets					
	RM x x	42				
5	**FENDERS PORT AND STBD. (22 SETS)**					
5.1	Labour to remove and install both side rubber fender.					
	RM x mh	41				
5.2	Labour to grinding wall fenders to smooth before painting. (min. charge 10m²)					
	RM x m2	3.6(a)				
5.3	Labour and material to remove, renew air nipple, presssure test and check leaking (22 pcs)					
	RM x mh	41				
	Material;					
a	Air nipple - 22 pcs					
	RM x x	42				
5.4	Labour and material to remove, renew and reinstall canvas cover and SST wire rope for fenders port and stbd. (22 sets)					
	RM x mh	41				
	Material;					
a	Canvas cover Doubler slide 0.15m x 1.2m - 22 pcs					
	RM x x	42				
b	SST wire rope 3mm x 3.6m - 46 length					
	RM x x	42				
c	SST Wire Rope Clip - 132 pcs					
	RM x x	42				
d	Pvc hose 5/16" x 1m - 46 lenghts					
	RM x x	42				
5.5	Labour to grinding fenders to smooth before painting. (22m²)					
	RM x m2	3.6(a)				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

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SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
5.6	To wash down after grinding and before painting fenders port and stbd (20m²)					
	RM x m2	3.2	3.00			60.00
5.7	Labour and material to painting fenders port and stbd.(min. charge 10m²)(2 coats)					
	RM x x	3.13(a)				
	Material;					
a	Hempathene Black undercoat - 3 ltr					
	RM x x	42				
b	1K Finish paint black- 3 liter					
	RM x x	42				
c	Hemple thinner 08080 - 2 liter					
	RM x x	42				
6	**MAIN DECK, BOW DECK AND CONSOLE PANEL. (18m²)**					
6.1	Labour to grinding main deck, floorboard, bow deck and console panel. (18m²)					
	RM x m2	3.6(a)				
6.2	Labour and material to double mounting with w/p plywood and layer fibreglass for cleat. (6 cleats)					
	RM x mh	41				
	Material;					
a	Fibreglass mat - 10kg					
	RM x x	42				
b	Fibreglass resin - 20kgs					
	RM x x	42				
c	Hardener - 0.2kg					
	RM x x	42				
d	W/P plywood 12mm - 1 sheet					
	RM x	8.9.2				
6.3	Labour and material to rebuilt cement putty console panel, storage box, passengger seat, pilot seat and surrounding main deck.					
	RM x mh	41				
	Material;					
a	Cement putty - 2 tin					
	RM x x	42				
6.4	Labour to grinding main deck, floorboard, console panel, passenger seat, pilot seat, and storage box to smooth before painting. (10m²)					
	RM x m2	3.6(a)				
6.5	Fresh water cleaning before painting. (18m²)					
	RM x m2	3.2				
	SUB-TOTAL		**3.00**	**0.00**	**0.00**	**60.00**

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SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
6.6	Labour and material to repaint main deck, floorboard, bow deck and console panel (18m²) (2 coats) (paint supply by contractor).					
	RM x x	3.13(a)				
	Material;					
a	Hemple paint undercoat 5 liter - 2 tin					
	RM x x	42				
b	Hemple paint black color 5 liter - 2 tin					
	RM x x	42				
c	Hemple thinner 08080 - 1 tin					
	RM x x	42				
6.7	Labour and material to remove, renew and reinstall cushion cover and plate for pilot seat, OOW seat, gun man and passenger seat.					
	RM x mh	41				
	Material;					
a	Super leather cover Pilot and OOW - 2 sets					
	RM x x	42				
b	Super leather cover Passengger 40" x 10" - 4 sets					
	RM x x	42				
c	Super leather cover Gun man - 1 sets					
	RM x x	42				
d	Super leather cover long bench 62"x26" -1 sets					
	RM x x	42				
e	SST bolt and nut 1/4" x 2" - 42 Sets					
	RM x x	42				
f	Aluminium plate (1.5" x 1") - 8 pcs					
	RM x x	42				
6.8	Labour and material to remove, measure, cut and install wind screen forward, port and stbd.					
	RM x mh	41				
	Material;					
a	Perspect glass 10mm - 3 sheets					
	RM x x	42				
b	Repair kit - 2 sets					
	RM x x	42				
c	UV tinted protection - 3 sheets					
	RM x x	42				
6.9	Labour and material to remove and reinstall cleat. (6 sets)					
	RM x mh	41				
	Material;					
a	SST plate 3mm 4" x 8" - 6 sheet					
	RM x x	42				
b	SST Bolt and nut 1/2" x 2 " - 24 pcs					
	RM x x	42				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

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SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
6.10	Labour and material to remove, renew and reinstall hatch cover forward deck.					
	RM x mh	41				
	Material;					
a	Deck Inspection Hatch 270mm x 376mm - 1 set					
	RM x x	42				
6.11	Labour and material to remove, renew and reinstall lockable passenger seat port and stbd, door console panel and battery box.					
	RM x mh	41				
	Material;					
a	SST lockable - 6 pcs					
	RM x x	42				
7	**STAND DECK AWNING AND CANVAS**					
7.1	Labour and material to remove, renew and reinstall awning canvas top, port and stbd and after untill cover engine.					
	RM x mh	41				
	Material;					
a	Canvas cover - 1 sheet					
	RM x x	42				
b	Nylon rope 9mm - 20 meter					
	RM x x	42				
7.2	Labour to grinding to smooth before painting stand deck awning. (min. charge 10m²)					
	RM x m2	3.6(a)				
7.3	Fresh water clean transom stand deck awning before painting (min.charge 10m²)					
	RM x m2	3.2				
7.4	Labour and material to repaint awning frame canvas.(min. charge 10m²) (2 coats)(paint supply by contractor).					
	RM x x	3.13(a)				
	Material;					
a	Hemple paint undercoat - 2 liter					
	RM x x	42				
b	Hemple paint black color - 2 liter					
	RM x x	42				
8	**MOUNTING GPMG**					
8.1	Labour to grinding to smooth mounting GPMG before painting(min. charge 10m²)					
	RM x m2	3.6(a)				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
8.2	Labour and material to repaint mounting GPMG (min. charge 10m²)(2 coats)					
	RM x x	3.13(a)				
	Material;					
a	Hemple paint undercoat - 1 liter					
	RM x x	42				
b	Hemple paint black color - 1 liter					
	RM x x	42				
9	**FUEL TANK - 1000 LITER**					
9.1	Labour to pump out fuel from the fuel tank before cleaning.					
	RM x mh	41				
9.2	Labour to remove floor board and refitting on completion.					
	RM x mh	41				
	Material :					
a	Repair kit - 4 tubes					
	RM x x	42				
9.3	Labour to remove the fuel tank bracket bolt and nuts, hoses, piping in the way of tank removal and fitting back after completion					
	RM x mh	41				
9.4	Labour and material to remove, fabricate and reinstall fuel tank.					
	RM x mh	41				
	Material :					
a	SST plate 3mm - 12 m²					
	RM x m2	5.1				
b	SST plate 9mm - 2 m2					
	RM x m2	5.1				
c	SST welding rod - 6kg					
	RM x x	42				
d	Argon gas - 2 cylds					
	RM x x	42				
e	SST bolt and nut 1/2" x 2" - 24 pcs					
	RM x	42				
9.5	Manhole cover and renew oil resisten gasket					
	RM x	15.5.2				
9.6	Labour to carry out pressure test on tanks. (Min. charge 5m³)					
	RM x m3	15.4				
9.7	Labour and material to renew and reistall inlet hose, overflow hose and oil level hose fuel tank port and stbd.					
	RM x mh	41				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

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SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
	Material:					
a	SST stop valve 50mm - 2 pcs					
	RM x x	42				
b	SST Nipple - 2 Pcs					
	RM x x	42				
c	Fuel Hose Dia 50mm - 2 Length					
	RM x x	42				
d	SST hose clamp dia 50mm – 4 pcs					
	RM x x	42				
9.8	Labour and material to renew fuel hose from fuel tank to water separator filter engine port and stbd.					
	RM x mh	41				
	Material:					
a	UNIGAWA Fuel hose 12mm x 7' - 12 meter					
	RM x x	42				
b	SST hose clamp 15mm - 18pcs					
	RM x x	42				
10	**BILGES SECTION**					
10.1	Labour to clean bilges forward deck, after deck console panel and fuel tank compartment. (min.charge 10m²)					
	RM x m2	36.1				
10.2	Labour to painting scheme bilge section. (min.charge 10m²)					
	RM x x	3.13(b)				
	Material:					
a	Hemple finish coat - 1 tin					
	RM x x	42				
10.3	Labour and material to dismantle and install new bilges pump.					
	RM x mh	41				
	Material :					
a	Bilge pump - 1 sets					
	RM x x	42				
b	Spring Hose 1" - 12 Mtrs					
	RM x x	42				
c	SST Clamp 30mm - 8 Pcs					
	RM x x	42				
10.4	Labour and materials to remove, renew and reinstall manual hand pump.					
	RM x mh	41				
	Materials:					
a	Whale manual Hand pump 38mm - 1 set					
	RM x x	42				
b	Hose spring 1 1/2" - 2 Mtr					
	RM x x	42				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

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SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
c	SST hose clamp dia 50mm - 4 pcs					
	RM x x	42				
11	**ELECTRICAL AND WIRING SYSTEM**					
11.1	Labour and material to check, renew and install wiring (cabel 2.0mm - 60m)					
	RM x mtr	40.1				
	Material :					
a	Marine cable type 2.0mm - 60 meters					
	RM x x	42				
b	Port and stbd light - 1 set					
	RM x x	42				
c	Anchor light - 1 set					
	RM x x	42				
d	Stern light - 1 unit					
	RM x x	42				
e	Masthead light - 1 unit					
	RM x x	42				
f	6 gang Switch panel - 1 set					
	RM x x	42				
g	USB plug 12v - 1 set					
	RM x x	42				
11.2	Labour and material to remove, rewiring and install search light and spot light.(Cable 2.5mm - 30mtr)					
	RM x mtr	40.1				
	Material :					
a	Spot light DC 12V - 2 set					
	RM x x	42				
b	Spot light aurora 20" length - 1 unit					
	RM x x	42				
c	Marine cable 2.5mm - 30m					
	RM x x	42				
11.3	Labour and material to remove and renew battery, cable and selector swith engine port and stbd. (marine cable 21mm - 14 m)					
	RM x mtr	40.1				
	Material :					
a	Free Maintanace battery AMARON N150 - 2 unit					
	RM x x	42				
b	Free Maintanace battery AMARON N120 - 1 unit					
	RM x x	42				
c	Terminal Battery - 6 set					
	RM x x	42				
d	Battery cable 21mm - 14mtr					
	RM x x	42				
e	Circuit breaker BEP - 3 sets					
	RM x x	42				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

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12	**NAVIGATION SYSTEM (GPS/ECHO SOUNDER/RADAR)**					
12.1	Labour and material to remove, service and install back GPS, Radar, Echo sounder system on board. Functional test will be carry out after works completed					
	RM x x	43				
	Material :					
a	G3 card - 1 set					
	RM x x	42				
12.2	Labour and material to remove and renew reinstall VHF Radio					
	RM x x	43				
	Material:					
a	Icom model IC-M304 VHF c/w Power cable and Fold Down Mount Bracket - 1 set					
	RM x x	42				
12.3	Labour and material to remove, renew and reinstall Whelen police light complete set.					
	RM x x	43				
	Materials:-					
a	Whelen police light complete set - 1 set					
	RM x x	42				
13	**ENGINE MERCURY L6 300HP - 2 UNITS**					
13.1	Labour and material to dismantle and remove engine port and stbd					
	RM x mh	41				
	Material :					
a	Bolt and Nut 3/4" x 6" - 8pcs					
	RM x x	42				
b	Repair kit - 3 tubes					
	RM x x	42				
13.2	Labour and materials to install and setting 1 unit engine Mercury Verado L6 300HP outboard engine on board and testing, commissioning will carry out after works completed.					
	RM x x	46				
	Material :					
a	25W-40 Synthetic Marine Oil (3.78L) (8M0078623) - 4 btl					
	RM x x	42				
b	Engine Oil Filter (877769K01) - 2 pcs					
	RM x x	42				
c	Spark plug (889246Q39)- 12 pcs					
	RM x x	42				
d	Alternator Belt (8M0101707) - 2 pcs					
	RM x x	42				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
e	Thermostat Assembly - 2 pcs					
	RM x x	42				
f	CLAMP (36.1 mm) (888988001)- 2 pcs					
	RM x x	42				
g	Plug Oil Drain - 2 pcs					
	RM x x	42				
h	Water Separator Filter S3232 - 2 pcs					
	RM x x	42				
i	Filter Fuel In-Line (879885Q) - 2 pcs					
	RM x x	42				
j	Fuel Filter Screen (8M0090809) - 2 pcs					
	RM x x	42				
n	Shift actuator - 2 units					
	RM x x	42				
o	Exhaust sensor - 2 pcs					
	RM x x	42				
q	Oil level sensor - 2 set					
	RM x x	42				
r	Temperature sensor - 2 pcs					
	RM x x	42				
s	Block pressure sensor - 2 set					
	RM x x	42				
u	Tensioner Pulley - 2 set					
	RM x x	42				
v	Fuel Supply Module - 2 unit					
	RM x x	42				
w	Alternator - 2 unit					
	RM x x	42				
x	Starter motor - 2 unit					
	RM x x	42				
13.3	Labour and materials to remove, compression test after General Overhaul and setting 1 unit engine Mercury verado L6 300hp outboard engine					
	RM x x	46				
	Material:					
a	Powerhead gasket kit (880552A08) - 2 pcs					
	RM x x	42				
b	Con Rod Assy (8M0103285) - 12 pcs					
	RM x x	42				
c	Bearing, con-rod (blue) colour (892005A01) - 12 pcs					
	RM x x	42				
d	Bearing, con-rod (white) colour (892005A02) - 12 pcs					
	RM x x	42				
e	Bearing, con-rod (orange) colour (892005A03) - 12 pcs					
	RM x x	42				
f	Bearing, C/Shaft, Upper (Green) (897498T05) - 12 pcs					
	RM x x	42				
g	Bearing, c/shaft, Upper (Navy blue) (897498T06) - 12 pcs					
	RM x x	42				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

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h	Bearing,c/shaft, upper (white) (897498T07) - 12 pcs					
	RM x x	42				
i	Bearing, c/shaft upper (orange) (897498T08) - 12 pcs					
	RM x x	42				
j	Thrust bearing, C/Shaft, lower (Green) (8M0117003) - 1 pcs					
	RM x x	42				
k	Thrust bearing, C/Shaft, lower (Navy Blue) - 2 pcs					
	RM x x	42				
l	Thrust bearing, C/shaft lower (white) (8M0117002) - 2 pcs					
	RM x x	42				
m	Thrust bearing, c/shaft lower (orange)(8M0117004) - 2 pcs					
	RM x x	42				
n	Seal , top main bearing (8M0032912) - 2 pcs					
	RM x x	42				
o	Damper, powerhead (Damper, powerhead) - 24 pcs					
	RM x x	42				
p	Ring set 881180A02 - 12 pcs					
	RM x x	42				
q	Seat, intake (880533) - 24 pcs					
	RM x x	42				
r	Seat, exhaust (8M0089477) - 24 pcs					
	RM x x	42				
s	Intake valve (898907) - 24 pcs					
	RM x x	42				
t	Exhaust valve (898908) - 24 pcs					
	RM x x	42				
u	Seal, intake and exhaust valve (896880) - 48 pcs					
	RM x x	42				
v	Guide, valve (880537) - 48 pcs					
	RM x x	42				
w	Spring, intake and exhaust valve (8M0902000) - 48 pcs					
	RM x x	42				
x	Timing chain (898463A02) - 2 pcs					
	RM x x	42				
y	Seal, upper (8M0032912) - 2 pcs					
	RM x x	42				
z	Seal, lower (8M0060014) - 2 pcs					
	RM x x	42				
aa	Retainer assy valve (8M0908500) - 48 pcs					
	RM x x	42				
ab	Con rod bolts (884441) - 24 pcs					
	RM x x	42				
ac	Guide fixed (880559) - 2 pcs					
	RM x x	42				
ad	Guide, moveable (880557) - 2 pcs					
	RM x x	42				
ae	Timing chain (8M0103398) - 2 pcs					
	RM x x	42				
af	Tensioner, timing chain (898463A01) - 2 pcs					
	RM x x	42				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

SKOP KERJA PENYELENGGARAAN/PEMBAIKAN TAHUNAN BOT RONDA RH 38 PPM LAHAD DATU W4 SABAH TAHUN 2026						
SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
ag	O-ring, brown (tensioner) (898836) - 2 pcs					
	RM x x	42				
13.4	Labour and material to remove, renew and reinstall gearcase port side					
	RM x x	46				
	Material :					
a	Gearcase standard rotation 30" CXXL - 1 unit					
	RM x x	42				
13.5	Labour and material to remove, service and reinstall gearcase port and stbd					
	RM x mh	46				
	Material :					
a	SAE 80W90 Gear Lube (946ML) (858058Q01)- 3 btl					
	RM x x	42				
b	Seal (830749)- 4 pcs					
	RM x x	42				
c	Water Pump Repair Kit (817275A09) - 2 pcs					
	RM x x	42				
d	Anode Kit (76214Q5) - 2 pcs					
	RM x x	42				
e	Anode Gear Housing (826134Q)- 4 pcs					
	RM x x	42				
f	Anode (8M0012083) - 4 pcs					
	RM x x	42				
g	Power Trim Anode (893404) - 8 pcs					
	RM x x	42				
h	Power Trim Anode (8M0001734) - 4 pcs					
	RM x x	42				
i	Flo-Torq II HD Solid Hub Kit (840389K06) - 2 set					
	RM x x	42				
14	**ENGINE GUARD RAIL**					
14.1	Labour and material to remove, renew bracket and install engine guard rail.					
	RM x mh	41				
	Material :					
a	SST plate 3mm 4" x 8" - 4 sheet					
	RM x x	42				
b	SST bolt and nut 1/2" x 3" - 16 pcs					
	RM x x	42				
c	Repair kit- 1 set					
	RM x x	42				
14.2	Labour to grind engine guard rail. (min. charge 10m²)					
	RM x	3.6(a)				
14.3	Labour and material to paint engine guard rail 2 coat paint by spray. (min. charge 10m²)(2 coats)					
	RM x x	3.13(a)				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

SKOP KERJA PENYELENGGARAAN/PEMBAIKAN TAHUNAN
BOT RONDA RH 38 PPM LAHAD DATU W4 SABAH TAHUN 2026

SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
	Material :					
a	Hempadur Red - 2 liter					
	RM x x	42				
b	Hempathene Black - 2 liter					
	RM x x	42				
c	Hempel Thinner - 0.5 liter					
	RM x x	42				
15	**HYDRAULIC SYSTEM**					
15.1	Labour and material to remove, service and reinstall hydraulic hose steering port and stbd.					
	RM x mh	41				
	Material:					
a	Hydraulic steering hose - 2 length					
	RM x x	42				
b	Hydraulic oil - 4 litre					
	RM x x	42				
c	Seal Kit -1 set					
	RM x x	42				
16	**SUPPLY ONBOARD**					
16.1	Labour and materials to renewal and reinstallation boat accessories on board.					
	Material:					
a	Fire Extingusher 2 Kgs ABC - 2 Units					
	RM x x	42				
b	Fire Extingusher 2 Kgs CO2 - 1 Unit					
	RM x x	42				
c	Fender F3 - 2 pcs					
	RM x x	42				
d	Japan rope soft type 20mm - 60m					
	RM x x	42				
e	First aid kit - 1 set					
	RM x x	42				
f	SOLAS Dark blue with POLICE logo - 9 pcs					
	RM x x	42				
g	Portable Search Light - 1 set					
	RM x x	42				
h	Licota Tool Box 143 pcs - 1 set					
	RM x x	42				
i	Portable Bilges Pump - 1 set					
	RM x x	42				
m	25W-40 Synthetic Marine Oil (3.78L) - 4 btl					
	RM x x	42				
n	SAE 80W90 Gear Lube (946ML) - 3 btl					
	RM x x	42				
o	Engine Oil Filter (877769K01) - 2 pcs					
	RM x x	42				
p	Waterpump Repair kit - 3 set					
	RM x x	42				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**

SKOP KERJA PENYELENGGARAAN/PEMBAIKAN TAHUNAN BOT RONDA RH 38 PPM LAHAD DATU W4 SABAH TAHUN 2026						
SER NO.	PESANAN KERJA (DESCRIPTION OF WORK)	TARIFF REF NO	TARIFF COST	MAN HOURS	MATERIAL COST	SUB TOTAL AMOUNT
q	Filter Fuel In-Line (879885Q) - 2 pcs					
	RM x x	42				
r	Seal Gearcase - 8 pcs					
	RM x x	42				
s	Seal drain plug - 2 pcs					
	RM x x	42				
t	Water pump repair kit c/w housing - 2 set					
	RM x x	42				
	SUB-TOTAL		**0.00**	**0.00**	**0.00**	**0.00**
	TOTAL KESELURUHAN		**293.52**	**0.00**	**0.00**	**2,174.89**