

**ACTUATED VALVES**

Year	Project Title	Client Name	Supply/ Work Description	Quantity of Supply	
	BOKOR BETTY	SAPURA ENERGY	ABV	(6 UNIT 2"-4" 150#-600#)	
		SARAWAK SHELL	ABV	1 UNIT 4" 900#	
	TAPIS D	SAPURA ENERGY	ABV	138 UNIT	
		SARAWAK SHELL	ABV	2 UNIT 6" 600#	
		PCSB SBO	ABV	1 UNIT 4" 900#,1 UNIT 6" 900#	
	BRE REGEN	REPSOL	ABV	1 UNIT 8" 600#,2 UNIT 10" 600#	
	BOKOR BETTY	SAPURA ENERGY	ABV	27 UNIT	
		PCSB SBO	ACT BUTTERFLY VALVE	2 UNIT 4" 150#	
	WOODGROUP	ABV	1 UNIT 24" 900#,1 UNIT 4" 1500#,1 UNIT 3" 600#		
2017	KINABALU	OCEANMIGHT	ACTUATED BALL VALVE	3 UNIT 2" 2500# & 4 UNIT 6"2500#	
	BAYAN			12 UNIT	
	D18			8 UNIT	
	BAYAN	PCSB SKO	ACTUATED BALL VALVE	12 UNIT ( 1 " -16" ,600# & 900#)	
				33 UNIT	
		PCSB PMO	ACTUATED BALL VALVE	1 UNIT, 4" 600# , 1 UNINT, 10" 600#	
				1 UNIT 4" 300#	
				2 UNIT 8" 150#	
		REPSOL	ACTUATED BALL VALVE	1 UNIT 4" 300#	
				2 UNIT 8" 150#	
				2 UNIT, 18" 1500#, 1 UNIT 10" 600#	
		MRO	CARIGALI HESS	ACTUATED BALL VALVE	1 UNIT 3" 600#,2 UNIT 2" 600#
				1 UNIT 1"	
				1 UNIT 1" 150#	
		DAYANG ENTEPRISE	ACTUATED BALL VALVE	1 UNIT 3" 600#,2 UNIT 2" 600#	
			1 UNIT4" 1500#		
			2 UNIT 2" 900#		
			1 UNIT4" 1500#		
			2 UNIT 2" 900#		
2016	SAMARANG	PCSB SBO		2 UNIT , 2"600#, 1 UNIT 4"1500#1 UNIT 6"1500#	
	CPOC	MMHE	ACTUATED BALL VALVE	1 UNIT 4" 1500#	
	CENDOR	PETROFAC		1 UNIT 10" 300#	
	BUNGA PAKMA	TALISMAN	ACTUATED BALL VALVE	14 UNIT	
	OPHIR	MUHIBBAH ENGINEERING	ACTUATED BALL VALVE	1 UNIT 8" 900#, 1 UNIT 2" 900#	
		DYNA SEGMENT		2 UNIT, 8" 900#	
		PCSB PMO		1 UNIT 4" 150#	
	MRO	PCSB SKO	ACTUATED BALL VALVE	1 UNIT, 16" 300#	
			1 UNIT, 1/2" 1500#		
			1 UNIT 2X1.1/2" 1500#		
		REPSOL		8 UNIT 1"-16" 300#-2500#	
				3 UNIT (2"-6" 300#)	
2015	TAPIS E	SAPURA KENCANA PETROLEUM	ACTUATED BALL VALVE	5 UNIT (3" 1500#)	
	JDA B-17	SAPURA KENCANA PETROLEUM	ACTUATED BALL VALVE	1 UNIT (2" 1500#)	
	TEMANA	PETRA RESOURCES SDN BHD	ACTUATED BALL VALVE	3 UNIT (2"-6" 150#-900#)	
	ANGSI	SAPURA KENCANA PETROLEUM	ACTUATED BALL VALVE	21 UNIT (2"-16" 600#)	
				3 UNIT (4" BELOW)	
	BERGADING	HYUNDAI ENGINEERING CO LTD	ACTUATED BALL VALVE	1 UNIT (12" x 16" 1500#)	
				2 UNIT (6" ABOVE)	
		LEWA NIKKISO	ACTUATED BUTTERFLY VALVE	4 UNIT (18" 150#)	
			ACTUATED BALL VALVE	2 UNIT (1" 150#)	

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	MRO	TALISMAN	ACTUATED BALL VALVE	1 UNIT (2" 1500#)	
				11 UNIT (1"-4" 150#-900#)	
		FLOWLINE	ACTUATED BALL VALVE	1 UNIT (4" 900#)	
				1 UNIT (2" 150#)	
2014	BERGADING	HYUNDAI ENGINEERING CO LTD	ACTUATED BUTTERFLY VALVE	4 UNIT (1"-3" 150#-2500#)	
	TGAST	SAMSUNG ENGINEERING	ACTUATED BALL VALVE	91 UNIT (1"-3" 150#-2500#)	
	BUNGA ORKID A,B,D	TALISMAN	ACTUATED BALL VALVE	7 UNIT (2"-4" 150# - 2500#)	
	BUNGA RAYA A			5 UNIT (2"-6" 150#-1500#)	
	BUNGA RAYA E			2 UNIT (4" 300#)	
	BERGADING	HYUNDAI ENGINEERING CO LTD	ACTUATED BALL VALVE	7 UNIT (4" - 20" 150#)	
	TUKAU	PETRONAS CARIGALI SDN BHD	ACTUATED SHUTDOWN VALVES	4 UNIT (12" 300#)	
	WEST LUTONG	SHAPADU	ACTUATED BALL VALVE	5 UNIT (6"- 8" 600#)	
	LAYANG DEVELOPMENT	SAPURA KENCANA PETROLEUM	ACTUATED BALL VALVE	1 UNIT (12" 1500#)	
	SUMANDAK TEPI	PETRA RESOURCES SDN BHD	ACTUATED BALL VALVE	3 UNIT (2" 900#)	
	GREATER D18	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	7 UNIT (3" - 8",150# - 600#)	
	SK316	TECHNIP	ACTUATED BALL VALVE	62 UNIT (2" - 32",150# - 1500#)	
	SAMARANG 2	SAPURA KENCANA PETROLEUM	ACTUATED BALL VALVE	3 UNIT (4" 1500#)	
	MRO		2H OFFSHORE	ACTUATED SHUTDOWN VALVES	1 UNIT (6" 1500#)
			TALISMAN	ACTUATED BALL VALVE	1 UNIT (4" 900#)
			SAPURA KENCANA PETROLEUM	ACTUATED SHUTDOWN VALVES	2 UNIT (2" 600#)
			TALISMAN	ACTUATED BALL VALVE	2 UNIT (2" 2500#)
			TALISMAN	ACTUATED BALL VALVE	1 UNIT (26" 1500#)
			SARAWAK SHELL	ACTUATED BALL VALVE	1 UNIT (3" 900#)
			TALISMAN	ACTUATED BALL VALVE	1 UNIT (4" 300#)
PETRONAS CARIGALI SDN BHD			ACTUATED BALL VALVE	2 UNIT (4" 900#)	
			2 UNIT (6" 600# - 900#)		
2013	NEW FLOWLINE - 2013 KN DRILLING PROGRAM	TALISMAN	ACTUATED BALL VALVE	5 UNIT	
	SOUTH ACIS TOPSIDE	BROOKE DOCKYARD	ACTUATED BALL VALVE	41 UNIT	
			ACTUATED BALL VALVE	3 UNIT	
	BEKOK-A REVISIT PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED ( FREE ISSUE VALVE )	1 UNIT	
	BKA,,BRC, BRA	TALISMAN	ACTUATED BALL VALVE	3 UNIT	
				11 UNIT	
				3 UNIT	
	SAA			1 UNIT	
	BRE			3 UNIT	
	CENDOR FPSO TOPSIDES	SHAPADU	ACTUATED BALL VALVE	2 UNIT	
	ERB WEST PROJECT	CARIMIN ENGINEERING SERVICES SDN BHD	ACTUATED BALL VALVE	12 UNIT	
	AEMP 2.1 INFILL DRILLING PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	1 UNIT	
	PERMAS	LABUAN SHIPYARD & ENGINEERING SDN BHD	ACTUATED BALL VALVE	5 UNIT	
	SERVICES	MMHE	ACTUATED BALL VALVE	2 UNIT	
		TALISMAN	ACTUATED BALL VALVE	3 UNIT	
		PGB	ACTUATED BALL VALVE	2 UNIT	
	SERVICES	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	4 UNIT	
	GUNTONG-D - REVISE	EXXONMOBIL	ACTUATED BALL VALVE	1 UNIT	
CENDOR FPSO TOPSIDES	MMHE	ACTUATED BALL VALVE	1 UNIT		
TAPIS E - REVISE ORDER	EXXONMOBIL	ACTUATED BALL VALVE	1 UNIT		
TAPIS B			4 UNIT		
			6 UNIT		

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	MRO	TALISMAN	ACTUATED BALL VALVE	1 UNIT
				2 UNIT
				3 UNIT
				2 UNIT
				1 UNIT
		PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	1 UNIT
		TALISMAN	ACTUATED BALL VALVE	1 UNIT
	SAMARANG REDEVELOPMENT PHASE 2 PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	4 unit
	SSB PROJECT #D12,LAILA,F14,F49	SARAWAK SHELL	ACTUATED VALVE SYSTEM	1 unit
				1 unit
	KINABALU NAG (KNAG) PHASE 2 PROJECT	PCSB		18 unit
	BRA PROJECT	TALISMAN		3 unit
	SAA PROJECT			1 unit
	SERENDAH PRODUCTION PLATFORM (SNPA) TOPSIDE FACILITY PROJECT	SAPURA KENCANA		39 unit
	PATRICIA PRODUCTION PLATFORM (PTSA) TOPSIDE FACILITY PROJECT			13 unit
	TKJT-C/TKP-BLAUNCHER,RECEIVER & CHEMICAL INJECTION FACILITIES PROJECT	PETRA RESOURCES		2 unit
	SAMARANG REDEVELOPMENT PHASE 2 PROJECT			1 unit
	BEKOK-B INFILL PROJECT	PETRONAS CARIGALI SDN BHD		1 unit
	BOKOR POWER GENERATION UPGRADE	PETRA RESOURCES		3 unit
	SDV REPLACEMENT FOR BRA			1 unit
	SDV REPLACEMENT FOR BOA	TALISMAN		1 unit
	TAPIS-R TOPSIDES		ACTUATED BALL VALVE	73 unit
	FPSO CENDOR CDP-A PROJECT			94 unit
	TAPIS-R TOPSIDES	MMHE		31 unit
	WEST DESARU MOPU EPCIC PROJECT	PETROFAC		1 unit
	HOOK UP & COMMISSIONING FOR D21 & D35 HOST TIE IN PROJECT	KENCANA HL		1 unit
	DRY GAS DIVERTOR MANIFOLD (DGDM) PROJECT	PETRONAS CARIGALI SDN BHD		3 unit
	SABAH OIL AND GAS TERMINAL Project (SOGT)	SAMSUNG ENGINEERING		233 unit
	CENDOR PHASE 2 DEVELOPMENT PROJECT	KENCANA HL		3 unit
	ANGSI D EARLY MONETIZATION	SHAPADU		3 unit
	GUMUSUT KAKAP TOPSIDE			2 unit
	TAPIS-R TOPSIDES	MMHE		3 unit
	DULANG A,B & C REDEVELOPMENT PROJECT PHASE 1	SHAPADU	ACTUATED BALL VALVE	9 unit
		PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	2 unit
		PCSB		1 unit
		SABAH SHELL		1 unit
		SARAWAK SHELL		1 unit
		EXXONMOBIL	ACTUATED BALL VALVE	3 unit
		PETRONAS CARIGALI SDN BHD		1 unit
		TALISMAN		2 unit
		PETRONAS CARIGALI SDN BHD		1 unit
	MLNG	PETRONAS CARIGALI SDN BHD		3 unit
	ANGSI C & E INPILL DRILLING PROJECT	SHAPADU		6 unit
	THAI TRANS MALAYSIA	FLOWLINE		3 unit
	KBB NORTHERN HUB	MIKUNI		43 unit
	HUC BARAM BAJT-H REVISIT 1	PETRA RESOURCES		1 unit
	TAPIS EOR REJUVENATION PROJECT (TAPIS - A)	SHAPADU		187 unit
	BRA & BRD PROJECT	TALISMAN	ACTUATED BALL VALVE	3 unit
	TAPIS EOR PROJECT (TAPIS - Q)	EXXONMOBIL		103 unit

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Year	Project Title	Client Name	Supply/ Work Description	Quantity of Supply
2011	SKO PIPELINE & REJUVENATION PROJECT(PL363)	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	6 unit
	KINABALU KNPG-B-PHASE 1			14 unit
	ANGSI B GAS DEVELOPMENT PROJECT			64 unit
	SKO PIPELINE & REJUVENATION PROJECT(PL363)			4 unit
	TUKAU TKDP-A HUC PHASE 1	PETRA RESOURCES	ACTUATED BALL VALVE	6 unit
	PM323 TINGGI-A to TIONG-A OIL EVACUATION PIPELINE	NEWFIELD	ACTUATED BALL VALVE	1 unit
	TELOK GAS DEVELOPMENT PROJECT	EXXONMOBIL	ACTUATED BALL VALVE	2 unit
	TUKAU A	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	24 unit
	BCOT-EPC NEW CONDENSATE TANK	DIALOG E&C	ACTUATED BALL VALVE	5 unit
	MERAPUH-A (MEPA)	BROOKE DOCKYARD	ACTUATED BALL VALVE	1 unit
	C2 (PL358) - ABV SKOR	PCSB	ACTUATED BALL VALVE	15 unit
	TOPSIDES OF PM329 EAST PIATU DEVELOPMENT PROJECT (LARUT)	KENCANA HL	ACTUATED BALL VALVE	6 unit
	BRA & BRD - REVAMP	TALISMAN	ACTUATED BALL VALVE	8 unit
	BR-B & BO-D PROJECT	TALISMAN	ACTUATED BALL VALVE	5 unit
	PTTEP-BONGKOT & ARTHIT BOOSTER COMPRESSORS	THAI NIPPON STEEL	ACTUATED BALL VALVE	4 unit
	SHELL F28 - PRODUCED WATER TREATMENT SYSTEM	SHELL	ACTUATED BALL VALVE	1 unit
	SKO PIPELINE REJUVENATION PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	1 unit
	MRO	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	1 unit
		PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	1 unit
		SABAH SHELL	ACTUATED BALL VALVE	1 unit
SARAWAK SHELL		ACTUATED BALL VALVE	2 unit	
EXXONMOBIL		ACTUATED BALL VALVE	1 unit	
SARAWAK SHELL		ACTUATED BALL VALVE	2 unit	
PETRONAS CARIGALI SDN BHD		ACTUATED BALL VALVE	4 unit	
SABAH SHELL		ACTUATED BALL VALVE	1 unit	
PETRONAS CARIGALI SDN BHD		ACTUATED BALL VALVE	1 unit	
SARAWAK SHELL		ACTUATED BALL VALVE	2 unit	
EXXONMOBIL	ACTUATED BALL VALVE	1 unit		
EXXONMOBIL	ACTUATED BALL VALVE	6 unit		
EXXONMOBIL	ACTUATED BALL VALVE	2 unit		
2010	EAST PIATU DEVELOPMENT PROJECT-CPP	NEWFIELD	ACTUATED BALL VALVE	39 Unit ( 2" x 150# to 12" 600# )
	EAST PIATU DEVELOPMENT PROJECT-WHP	NEWFIELD	ACTUATED BALL VALVE	20 Unit ( 2" x 150# to 12" 600# )
	PIPELINE REPLACEMENT FOR PL 353, 357 & 70	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	8 Unit ( 12" x 600# to 16" 600# )
	F23 CILI PADI	SHELL MALAYSIA	ACTUATED BALL VALVE	1 Unit ( 3" x 900# )
	F28 DRILLING A PROJECT	SHELL MALAYSIA	ACTUATED BALL VALVE	3 Unit ( 2" x 150# )
	REPLACEMENT OF RISER VALVE BRB & BRD	TALISMAN	ACTUATED BALL VALVE	3 Unit ( 14" x 300# to 22" x 600#)
	SOUTHERN MRU PROJECT	TALISMAN	ACTUATED BALL VALVE	12 Unit ( 2" x 600# to 16" x 600#)
	NORTHERN MRU PROJECT	TALISMAN	ACTUATED BALL VALVE	21 Unit ( 2" x 600# to 20" x 600#)
	SUMANDAK HOOK UP	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	5 Unit ( 1" x 150# to 10" x 900#)
	E8F13K COMPRESSION PROJECT	SHELL MALAYSIA	ACTUATED BALL VALVE	45 Unit ( 2" x 300# to 4" x 900#)
	KINABALU KNJTC	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	11 Unit ( 6" x 1500# to 36" x 900#)
	DUYONG REVISIT 4 PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	2 Unit ( 6" x 1500# to 6" x 2500#)
	ERB WEST DEVELOPMENT PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	5 Unit ( 6" x 150# to 2" x 1500#)
SAMARANG REDEVELOPMENT PHASE 2 PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	6 Unit ( 2" x 600# to 2" x API 5000)	
GUMUSUT KAKAP PROJECT	SHELL MALAYSIA	ACTUATED BALL VALVE	58 Unit ( 2" x 150# to 14" x 150#)	
2009		TOTAL ENP	ACTUATED BALL VALVE	1 Unit ( 3" x 1500# )
	ESD TEST CONVERSATION PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	134 Unit ( 2" x 150# to 20" x 600#)
	DULANG PLATFORM PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE	55 Unit ( 8" x 600# to 14" x 1500#)

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Year	Project Title	Client Name	Supply/ Work Description	Quantity of Supply
	SERAMPANG TOPSIDE	MURPHY	ACTUATED BALL VALVE (SDV, BDV, XV & MOV)	70 Unit ( 3/4" x 150# to 16" x 1500#)
	KUMANG CLUSTER DEVELOPMENT PROJECT	PETRONAS CARIGALI SDN BHD		136 Unit ( 2" x 150# to 28" x 900#)
	TANGGA BARAT CLUSTER DEVELOPMENT PROJECT		135Unit ( 4" x 150# to 30" x 600#)	
2008	ANGSI T-COT CRUDE OIL PIPELINE	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE (SDV & MOV)	12 Units ( 12" x 900 to 24" 900# )
	D-1 CLUSTER PROJECT DEVELOPMENT	PCPP JOINT OPERATING CO	ACTUATED BALL VALVE (SDV & MOV)	13 Units ( 2" x 150# to 16" 900#)
	BUNGA RAYA-B PLATFORM REPLACEMENT	TALISMAN	ACTUATED BALL VALVE (SDV)	1 Unit ( 4" x 1500# )
	SARAWAK GAS DEVELOPMENT (BLOCK SK 309 / 311)	MURPHY	ACTUATED BALL VALVE (SDV, BDV, XV & MOV)	94 Unit ( 2" x 150# to 30" x 300# )
2007	PC4 GAS DEVELOPMENT PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE (SDV & BDV & MOV)	7 Unit ( 1" x 150# to 12" x 1500# )
	GUNTONG-D REPLACEMENT	EXXONMOBIL	ACTUATED BUTTERFLY VALVE (SDV & BDV)	3 Unit ( 8" x 150# to 12" x 150# )
	BUNGA RAYA-E PLATFORM REPLACEMENT	TALISMAN	ACTUATED BALL VALVE (SDV & MOV)	3 Unit ( 2" x 600# to 6" x 300#)
2006	SUMANDAK PHASE 2 DEVELOPMENT PROJECT	PETRONAS CARIGALI SDN BHD	ACTUATED BALL VALVE (ESDV, SDV, BDV, XV)	153 Unit ( 2" x 150# to 16" x 1500#)
	WEST LUTONG PIPELINE REPLACEMENT PROJECT	VASTALUX	ACTUATED BALL VALVE (SDV & MOV)	13 Unit ( 10" x 600# to 18" x 600# )
2005	BARAM PIPELINE REPLACEMENT PROJECT	VASTALUX	ACTUATED BALL VALVE (SDV & MOV)	14 Unit ( 8" x 600# to 16" x 600# )