

Section VI. Schedule of Requirements

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Supply and Delivery of DND-Wide POL Requirements for CY 2018

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**LOT 2: DND-WIDE OIL AND LUBRICANT REQUIREMENTS
NATIONWIDE FOR CY 2018**

Table 2A-2018. Estimated DND-WIDE Lubes Requirements Nationwide for CY2018

Product	ABC	PhP212,465,963.68
	Estd Qty	Unit
MARINE GRADE TBN 40	3,673	Drum
SAE 5W 40	12,516	Liter
SAE 5W 40 (Fully Synthetic)	178,137	Liter
SAE 10	15,446	Liter
SAE 10W	13,952	Liter
SAE 10W40	60,551	Liter
SAE 15W 40	232,872	Liter
SAE 20W40	135,467	Liter
SAE 20W 50	18,868	Liter
RRX 40	16,003	Liter
GEP SAE 30/40	184,088	Liter
GEP 90/140	36,226	Liter
ISO VG 220	621	Liter
OIL 4T	9,604	Liter
OIL 4T (Fully Synthetic)	2,000	Liter
OIL 2T	21,254	Liter
2T TCW (OUTBOARD OIL)	2,787	Liter
MOTOR OIL 20/40 2T	4,366	Liter
BRAKE FLUID DOT 3	22,106	Liter
ATF PREMIUM	14,184	Liter
HYDRAULIC OIL AW 10	3,269	Liter
HYDRAULIC OIL AW 32	548	Liter
HYDRAULIC OIL AW 44	1,391	Liter
HYDRAULIC OIL AW 46	2,437	Liter
HYDRAULIC OIL AW 68	9,114	Liter
COOLANT	11,854	500ml
PENETRATING OIL	609	450ml
GREASE MP3	22,641	Pail
GX 85W 140	1,151	Liter
ENGINE FLUSH	648	500ml
OIL IMPROVER	585	500ml
ENGINE DEGREASER	667	450ml
GAS SAVER	32	150ml
DIESEL BOOSTER	14	150ml
GREASE HI-TEMP	14	Pail

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SAE J1899 EXON ELITE 20W50	50	Drum
OIL 2380	12,014	Liter
OIL 5606	337	Pail
TURBO OIL 274	2,791	Liter
MINERAL OIL W100 SAE 50	54	Quart
MINERAL OIL SAE J1966	54	Quart
GREASE MIL-G-81322 NO. 22	2	Can
MIL-PRF-83282	4,991	Quart
MIL-G-21164/MIL-G-21164D	211	Gallon
MIL-PRF-23827	99	Gallon
MIL-PRF-81322G	693	Gallon
MIL-G-21164	95	Gallon
MIL-G-3545C	39	Pail
GREASE MIL-G-21164	30	Gallon
MIL-PRF-23827C	207	Gallon
MIL-L-22851	1,191	Quart
MIL-PRF-81322G	169	Gallon
MIL-G-24139A	306	Gallon
MIL-PRF-87257A	673	Quart
MIL-PRF-23699F	276	Quart
MIL-L-23398B	88	Liter
VVP-236A	83	Can
ICING INHIBITOR	44	Drum
CORROSION INHIBITOR	78	Can
STATIC CHARGE DISSIPATOR	21	Can

Tables2B-2018. Delivery Points of DND-WIDE Lubes Requirements Nationwide

Table 2B-1-2018: DND-WIDE ENGINE OIL REQUIREMENTS NATIONWIDE

LOCATION	ENGINE OIL										
	MARINE GRADE TBN 40 (drums)	SAE 5w 40 (liters)	SAE 5w 40, Fully Synthetic (liters)	SAE 10 (liters)	SAE 10W (liters)	SAE 10W40 (liters)	SAE 15w 40 (liters)	SAE 20W40 (liters)	SAE 30/40 (liters)	SAE 20W 50 (liters)	RRX 40 (liters)
MALACANAN PARK							2,946			3,158	
PANDACAN, MANILA			52,260	1,088	2,790	5,779	14,165	28,810	29,800	2,614	
PASAY CITY								4,015	4,833		
SOUTH HARBOR, MLA	722	5,522		8,675		7,656	32,301				5,754
QUEZON CITY		52				65	5,114	2,908	1,356	6,403	
ANGELES CITY								2,369	8,564		
APARRI, CAGAYAN			8,103		670		4,686	4,692	6,356		

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BAGUIO CITY				1,059			754		1,1786	510	
BATANGAS	91		5,366	314	2,121	2,316	2,677	3,079	4,912		
CALAPAN, ORIENTAL MINDORO			860				335	586	1,011		
CASIGURAN, AURORA						559					
CAVITE CITY	637						23,448	4,014			
LEGASPI CITY	121										
LIMAY, BATAAN			8,480		446		4,184	5,278	11,123		
LIPA CITY								574	1,083		
LUCENA CITY								1,169	442		
PALAWAN								215	1,300	697	
PAMPANGA								335	1,417		
PASACAO, CAM SUR	303				335	4,698	4,184	5,636	8,090		
PORO, LA UNION			1,442		335		502	1,026	2,456		
PPC PALAWAN	329					7,676	24,690				6,707
ROSARIO, CAVITE			963				669	440	867		
SAN FERNANDO, LA UNION	52			145		3,967	2,460				
SAN JOSE, OCC MINDORO			557				335	293	433		
SORSOGON	42										
AMLAM, NEGROS ORIENTAL			1,417				669	880	2,022		
BACOLOD CITY, NEGROS OCC	30		1,164		112		335	880	867		
CEBU						864	1,160		1,634	697	
ILOILO CITY	30				2,009	1,268	5,080	2,394	5,169		
LAPU LAPU CITY, CEBU	42			1,705		4,597	8,582	1,321	5,990		3,542
MANDAUE CITY, CEBU			3,011		670		1,171	1,906	3,467		
ORMOC CITY			1,417				669	880	1,445		
ROXAS CITY, CAPIZ	9		860				5,279	586	1,618		
TACLOBAN CITY, LEYTE	30		9,947	651	893	233	6,594	6,352	8,318		
TAGBILARAN CITY, BOHOL	30		279			901	167	147			
BAWING, GEN SANTOS CITY			10,888		670		7,028	6,598	11,557		

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CAGAYAN DE ORO CITY	49							72	125		
COTABATO CITY								72	125		
DAVAO CITY	209	684	21,089	323	1,005		27,860	13,099	17,619		
GENERAL SANTOS CITY	58										
ILIGAN CITY	61		7,676			1,413	5,522	3,372	7,945		
JIMENEZ, PAGADIAN CITY			7,038		446		3,681	4,105	5,923		
NASIPIT, AGUSAN DEL SUR			8,533		335		4,853	4,692	6,645		
PAGADIAN CITY	30										
PARANG, MAGUINDANAO	9					753		401			
SURIGAO CITY	48	6,258									
TAGALUAN, MISAMIS ORIENTAL			6,378		670		3,179	3,959	7,079		
TAWI-TAWI	31										
ZAMBOANGA CITY	709		11,928	1,487	446	17,807	30,236	18,313	11,311	2,789	
TOTAL	3,673	12,516	178,137	15,446	13,952	60,551	232,872	135,467	184,088	18,868	16,003

Table 2B-2-2018: DND-WIDE MOTOR AND GEAR OIL REQUIREMENTS NATIONWIDE

LOCATION	MOTOR OIL					GEAR OIL		
	OIL 4T (liters)	OIL 4T Fully Synthetic (liters)	2T PREMIUM (liters)	2T TCW (OUTBOARD) (liters)	20/40 2T (liters)	GEP 90/140 (liters)	ISO VG 220 (liters)	GX 85W140 (liters)
NCR								
FORT BONIFACIO			4,300					
MALACANAN PARK			323			100		
PANDACAN, MANILA	3,854	1,311	3,149			10,584		288
PASAY CITY			1,707			1,928		
SOUTH HARBOR, MLA			286		3,308	4,267	621	
QUEZON CITY	1,416					133		
LUZON								
ANGELES CITY			1,707			3,092		
APPARRI, CAGAYAN	288	38	548			3,300		72

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BAGUIO						365		
BATAAN								
BATANGAS	288	77				1,523		144
CAVITE CITY				1,952				
CALAPAN, ORIENTAL MINDORO						508		
FORT DEL PILAR, BAGUIO CITY								
LIMAY, BATAAN			2,302			3,173		360
LIPA CITY			427			462		
LUCENA CITY			1,104					
PALAWAN			1,004			103		
PAMPANGA			341			979		
PASACAO, CAM SUR	288	77				254		
PORO, LA UNION	144	38	219			888		
PPC PALAWAN					255			
ROSARIO, CAVITE	144	38	110			127		
SAN JOSE, OCC MINDORO						254		
VISAYAS								
ILOILO CITY			43			154		
LAPU LAPU CITY, CEBU			692	251	301	515		
MANDAUE CITY, CEBU	575	115	438			508		192
TACLOBAN CITY, LEYTE	288		262			669		96
MINDANAO								
BAWING, GEN SANTOS CITY	144	38				254		
CAGAYAN DE ORO CITY			43			84		
COTABATO CITY			43			84		
DAVAO CITY	432	115	43		502	337		
TAGALUAN, MISAMIS ORIENTAL	288	77				254		
ZAMBOANGA CITY	1,457	77	2,164	584		1,329		
TOTAL	9,604	2,000	21,254	2,787	4,366	36,226	621	1,151

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Table 2B-3-2018: DND-WIDE HYDRAULIC OIL REQUIREMENTS NATIONWIDE

LOCATION	HYDRAULIC OIL			
	AW 10 (liters)	AW 32 (liters)	AW 46 (liters)	AW 68 (liters)
PASAY CITY	1,033			
SOUTH HARBOR, MLA		548	3,468	2,648
ANGELES CITY	603			
LIPA CITY	344			
PAMPANGA	775			
PPC PALAWAN			360	6,375
LAPU-LAPU CITY	258			
CAGAYAN DE ORO CITY	28			
COTABATO CITY	28			
DAVAO CITY	28			90
ZAMBOANGA CITY	172			
TOTAL	3,269	548	3,828	9,114

Table 2B-4-2018: DND-WIDE OTHER LUBRICANTS REQUIREMENTS NATIONWIDE

LOCATION	OTHERS				
	BRAKEFLUID DOT 3 (liters)	ATF PREMIUM (liters)	COOLANT (500ml)	PENETRATING OIL (450ml)	GREASE MP3 (pails)
MALACANAN PARK	250	417	1,250		278
PANDACAN, MANILA	7,527	4,130	2,898		5,490
PASAY CITY	632	1,241			127
SOUTH HARBOR, MLA	3,735	786	4,510	609	9,261
QUEZON CITY	1,239	113	1,401		179
ANGELES CITY	795	2,946			435
APARRI, CAGAYAN	1,235	628			1,448
BAGUIO CITY	724	392	595		436
BATANGAS	1,010	502			852
CALAPAN, ORIENTAL MINDORO	112				170

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LIMAY, BATAAN	1,740	879			2,044
LIPA CITY	122	465			25
LUCENA CITY	276				
PALAWAN	61				
PAMPANGA	102	620			64
PASACAO, CAM SUR	112				85
PORO, LA UNION	337				341
PPC PALAWAN					
ROSARIO, CAVITE	56				85
SAN JOSE, OCC MINDORO	56				85
ILOILO CITY	20				19
LAPU LAPU CITY, CEBU	211	155	47		
MANDAUE CITY, CEBU	224	502			341
TACLOBAN CITY, LEYTE	133	251			196
BAWING, GEN SANTOS CITY	112				85
CAGAYAN DE ORO CITY	10				8
COTABATO CITY	10				8
DAVAO CITY	395		286		323
TAGALUAN, MISAMIS ORIENTAL	112				170
ZAMBOANGA CITY	756	155	867		85
TOTAL	22,106	14,184	11,854	609	22,641

LOCATION	SPECIALTY PRODUCTS				
	ENGINE FLUSH	OIL IMPROVER	ENGINE DEGREASER	GAS SAVER	DIESEL BOOSTER
QUEZON CITY	648	585	667	32	14
TOTAL	648	585	667	32	14

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Table 2B-5-2018: DND-WIDE AVIATION/MARINE LUBRICANTS REQUIREMENTS NATIONWIDE

LOCATION	AVIATION/MARINE OIL									
	GREASE HI-TEMP (pails)	EXON ELITE 20-50 (drums)	OIL 2380 (liters)	OIL 5606 (pails)	TURBO OIL 274 (liters)	MINERAL OIL W100 SAE 50 (quarts)	MINERAL OIL SAE J1966 (quarts)	GREASE MIL-G-81322 NO. 22 (cans)	MIL-PRF-83282 (quarts)	MIL-G-21164/MIL-G-21164D (quarts)
PASAY CITY	13		5,472	259	1,363				4,991	211
SOUTH HARBOR, MLA			194							
CAVITE CITY		7	1,506			54	54	2		
LIPA CITY	1	41								
PPC PALAWAN			387							
LAPU LAPU CITY, CEBU			4,326	78	1,428					
ZAMBOANGA CITY		2	129							
TOTAL	14	50	12,014	337	2,791	54	54	2	4,991	211

LOCATION	AVIATION/MARINE OIL												
	MIL-PRF-23827C (gallons)	MIL-PRF-81322G (gallons)	MIL-G-21164 (gallons)	MIL-G-3545C (pails)	GREASE MIL-G-21164 (gallons)	MIL-PRF-23827C (gallons)	MIL-L-22851 (quarts)	MIL-PRF-81322G (gallons)	MIL-G-24139A (gals)	MIL-PRF-87257A (quarts)	MIL-PRF-23699F (quarts)	MIL-L-23398 B (ltrs)	VVP-236A (cans)
PASAY CITY	99	693	95	39	30	207	1,191	169	306	673	276	88	83
TOTAL	99	693	95	39	30	207	1,191	169	306	673	276	88	83

Table 2B-6-2018: DND-WIDE JP8 ADDITIVE REQUIREMENTS NATIONWIDE

LOCATION	JET FUEL NO. 8 ADDITIVES		
	ICING INHIBITOR (in Drums)	CORROSION INHIBITOR (in Cans)	STATIC CHARGE DISSIPATOR (in Cans)
PASAY CITY	44	78	21
TOTAL	44	78	21