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MC # 67 s. 2003

MEMORANDUM CIRCULAR

**TO : THE DEPUTY ADMINISTRATOR, ASSISTANT ADMINISTRATORS,
DEPARTMENT MANAGERS, STAFF HEAD, REGIONAL
IRRIGATION MANAGERS, OPERATIONS / PROJECT MANAGERS,
PROVINCIAL IRRIGATION OFFICERS, IRRIGATION
SUPERINTENDENTS, PROVINCIAL IRRIGATION OFFICERS,
AND ALL OTHERS CONCERNED.
THIS AGENCY**

SUBJECT : 2004 REVISED EQUIPMENT RENTAL RATES

Effective January 1, 2004, rental rates for the use and/or lease of all NIA construction equipment and motor vehicles shall be in accordance with the attached Revised Rental Rates for all NIA Equipment in fifteen (15) pages. The rental rates were revised to cope up with the current price increases in equipment acquisition, replacement parts, labor and wages and other ownership costs of equipment.

Rental terms and conditions shall be subject to applicable provisions of Memorandum Circular No. 41, series 1995, Revised Rules and Regulations in the Use and/or Lease of NIA Construction Equipment and Motor Vehicles and Annex "A" of this MC - Supplemental Instructions in the Application of NIA Rental Rates.

Provisions of previous circulars on equipment rental rates inconsistent herewith are hereby deemed superseded.

Strict compliance hereof is enjoined.


JESUS EMMANUEL M. PARAS
Administrator

December 1, 2003

REVISED RENTAL RATES FOR ALL NIA EQUIPMENT
Effective January 1, 2004

TYPE OF EQUIPMENT	MAKE AND MODEL	HOURLY OPERATING COST				RENTAL RATE PER HOUR WITHOUT FUEL AND OPERATOR					
		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE	WITH FIELD REPAIR AND MAINTENANCE				
							SCHEDULE "A"		SCHEDULE "B"		SCHEDULE "C"
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
LIFTING EQUIPMENT & ATTACHMENTS											
CRANES	Nippon Sharyo NQ500										
A. Amphibious, 10-20T 0.4 - 0.58 cu.m.	Hitachi MA 100U Hitachi MA 125U		226.50		142.60		470.43		522.70		574.97
B. Hydraulic, Truck-Mtd. 11 - 15T	Unic K130A Tadano TS-150L/TR-151 Tokyo TW-50L/CH-130		226.50		142.60		395.50		465.30		535.00
15 - 20T	Tadano TR-200EX		271.80		142.60		520.04		577.82		635.60
C. Truck-Mounted 15 - 20T			181.20		142.60		639.63		710.70		781.77
	P & H 220-TC										
21 - 30T	Kobe 330 TC Linkbelt HC-77S P & H 330-TC		377.50		142.60		724.98		805.53		886.08
31 - 35T	P & H 435-TC		453.00		142.60		927.45		1,030.50		1,133.55
D. Crawler-Mounted 16 - 20T	Linkbelt LS-78		181.20		142.60		492.66		547.40		602.14
21 - 25T	IHI CCH 250* Hitachi KH70 Linkbelt LS-78LS P & H 320-H		181.20		142.60		580.16		644.63		709.09
41 - 45T	Linkbelt LS-108BJ		226.50		142.60		951.75		1,057.50		1,163.25

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		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE		WITH FIELD REPAIR AND MAINTENANCE			
								SCHEDULE "A"		SCHEDULE "B"	
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
** Attachments: Clamshell/Dragline 0.4 cu.m. (1/2 cu. yd.) 0.58 cu.m. (3/4 cu. yd.) 0.77-0.96 cu.m.(1-1 1/4 cu.yd.) Note : Add 10% of Basic Rate if any of the attachments are used.											
FORKLIFT 1 - 5 Tons	All Makes		75.50		120.56		275.22		305.80		336.38
PILE DRIVING EQUIPMENT Hammer, Pile w/o Crane, Diesel: D - 22 Class	Delmag D-22 Kobe K-25 Mitsubishi MH25 Linkbelt 180M IDH25						1,276.36		1,418.13		1,560.00
D - 12 Class	Delmag D-12 Kobe K-15 Mitsubishi MH15 IDH 13						801.82		890.91		987.00
Hammer, Drop Complete with cap and lead 2 Tons 1 Ton	All Makes All Makes						57.15 56.45		63.50 62.73		69.85 69.00
EXCAVATING EQUIPMENT Amphibious Excavator 0.35 - 0.55 cu.m.	Hitachi MA125-2		211.40		142.60		1,237.86		1,375.40		1,512.94
Backhoe, Hydraulic Crawler- Mounted 0.10 - 0.30 cu.m.	Kubota, Mits. MS04		75.50		142.60		362.62		402.91		443.20

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		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE	WITH FIELD REPAIR AND MAINTENANCE				
							SCHEDULE "A"		SCHEDULE "B"		SCHEDULE "C"
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
Backhoe, Hydraulic Crawler-Mounted 0.35 - 0.65 cu.m.	Hitachi UHO5/UHO4 Koehring IS-04 Komatsu PC 100 Mitsubishi MS 110 Nikko JSWBH45 Sumitomo LS 2500 BJ Yutani YS 400/450S		151.00		142.59		540.45		600.50		660.55
	Caterpillar E110 Hitachi EX100-2 Kato HD 400VII/HD512 Samsung SE 130LC Sumitomo LS 2600F2		151.00		142.60		741.20		823.55		905.91
0.70 - 1.0 cu.m.	Hitachi UHO7 Koehring ISO7 Mitsubishi MS 180 Nikko JSW BH 70 Sumitomo LS 2800AJ Yutani YS 750 Robex R210LC-7 Volvo EC210BLC		181.20		142.60		700.65		778.50		856.35
	Caterpillar E180 Hitachi EX200-2 Kobe K-907C Samsung SE 210LC Volvo EC210BLC (Swampy)		181.20		142.60		1,384.69		1,538.55		1,692.41
1.10 - 1.5 cu.m.	Samsung SE 280LC		302.00		142.60		2,089.55		2,321.73		2,553.90
Backhoe, Hydraulic Walking Excavator 0.18 cu.m. 0.31 cu.m.	Euromach 5000		113.30		142.60		992.95		1,103.28		1,213.61
	Euromach 6500		113.30		142.60		1,454.23		1,615.81		1,777.39
Backhoe, Hydraulic, Wheel-Mounted 0.35 - 0.55 cu.m.	Hitachi EX 100WD Hitachi WHO51 Komatsu PW100		151.00		142.60		628.40		698.23		768.05
0.7 - 1.0 cu.m.	Hitachi EX 160WD Samsung SE280LC		226.50		142.60		1,634.85		1,816.50		1,998.15

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		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE		WITH FIELD REPAIR AND MAINTENANCE			
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
EARTHMOVING EQUIPMENT											
Tractor Crawler w/ Dozer Straight/Angle 300 - 320 HP	Komatsu D155-A		453.00		142.60		2,047.77		2,275.30		2,502.64
Tractor Crawler w/ Dozer Straight/Angle 180 - 200 HP, Swampy	Caterpillar D7G-LGP Komatsu D85P Liebher PR732		332.20		142.60		1,969.89		2,188.76		2,407.64
	MFD 700C-LGP		332.20		142.60		1,583.10		1,759.00		1,934.90
180 - 200 HP, Standard	Caterpillar D7G/D7E Komatsu D85A/D80A		332.20		142.60		1,410.67		1,567.41		1,724.15
	MFD 700C		332.20		142.60		920.70		1,023.00		1,125.30
130 - 159 HP, Swampy	Caterpillar D6D-LGP Hanomag D600D-LGP Komatsu D65P/D60P Liebher PR722 MFD 600-LGP		256.70		142.60		1,602.18		1,780.18		1,958.20
130 - 159 HP, Standard	Allis Chalmers HD 11EP Caterpillar D6C/D6D Fiat-Allis 14C/14B Komatsu D65A/D63E/D60A MFD 600C		256.70		142.60		1,126.80		1,252.00		1,377.20
85 - 114 HP, Swampy	Komatsu D50P/D45P/ D40P/D41P		188.75		142.60		1,050.10		1,166.77		1,283.45
85 - 114 HP, Standard	Komatsu D53A/D50A/ D45A/D41A/D40A Fiat-Allis 8B		188.75		142.60		756.78		840.86		924.95
55 - 84 HP, Swampy	Caterpillar D4D-LGP Komatsu D31P		113.30		142.60		557.71		619.68		681.65
55 - 84 HP, Standard	Caterpillar D4D Komatsu D31A		113.30		142.60		368.55		409.50		450.45

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		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE	WITH FIELD REPAIR AND MAINTENANCE				
							SCHEDULE "A"		SCHEDULE "B"		SCHEDULE "C"
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
**Attachments: Hydraulic Ripper 1-3 Shanks Add 20% of Basic Rate											
Front-End Loader, Wheeled Articulated (For non-articulated deduct 25% of Basic Rate).											
1.15 - 1.45 cu.m.	Furukawa FL-120 JD444 Kimco H60, Cat. 922B Toyo Umpanki 830-2		135.90		142.60		660.68		734.09		807.50
1.5 - 2.0 cu.m.	Case W20, Cat. 930 Fiat-Allis 545B Furukawa FL-150/FL-170 IHI 515 Kawasaki KSS65Z/60Z-II Kimco JH 60A Komatsu WA 180W70 Michigan 75 III Terex 72-21 Toyo Umpanki 50-B Hitachi LX80		173.65		142.60		625.87		695.41		764.95
			173.65		142.60		1,013.40		1,126.00		1,238.60
3.0 - 3.5 cu.m.	Case W36 Furukawa FL-320		332.20		142.60		1,230.61		1,367.35		1,504.08
Backhoe/Loader 0.5 - 0.8/0.15 - 0.25 cu.m	Case 580-L/580K/580C/480F Ford F550 Furukawa FL-90 John Deere 300BD/302A/310G MF 50 Fermec 860		113.30		142.60		927.70		1,030.77		1,133.85

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		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE		WITH FIELD REPAIR AND MAINTENANCE			
								SCHEDULE "A"		SCHEDULE "B"	
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
CRAWLER LOADER 1.15 - 1.5 cu.m.	Caterpillar 951C Komatsu D55-S/D53-S		166.10		142.60		805.95		895.50		985.05
1.6 - 2.0 cu.m.	Caterpillar 963		256.70		142.60		1,202.13		1,335.70		1,469.27
Backhoe/Loader 1.15 - 1.34/0.15 - 0.25cu.m.	Komatsu D55-S		188.75		142.60		1,336.79		1,485.32		1,633.85
SCRAPE DOZER 7.0 - 8.0 cu.m.	Nissha SR 264C		332.20		142.60		1,475.55		1,639.50		1,803.45
MOTORIZED GRADER 60 - 75 HP	Komatsu GD31A-1 Komatsu GD22H Mitsubishi MG 100		128.40		142.60		384.71		427.46		470.21
110 - 130 HP	Caterpillar 12E Champion D-710A/D-710R Komatsu GD500R/GD370/ GD371/GD510/GD310 Mitsubishi LG2H/MG350/ MG330/MG313 Niigata N530 PSA		211.40		142.60		543.60		604.00		664.40
135 - 165 HP	Champion D720A Volvo G710 Volvo G710B		256.70		142.60		1,420.28		1,578.09		1,735.90

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		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE		WITH FIELD REPAIR AND MAINTENANCE			
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
COMPACTION EQUIPMENT											
Compactor Spreader, S.P. 16 Tons	Caterpillar 815		302.00		142.60		431.10		479.00		526.90
Rollers, Static 2&3 Drums 5.0 - 10 Tons	Watanabe WT 62		90.60		120.56		236.32		262.58		288.84
11.0 - 20 Tons	Sakai KD7610 Watanabe WN102		120.80		120.56		293.43		326.04		358.64
Rollers, Vibratory, S.P. 1.0 - 3.0 Tons	IGRI WR20 Sakai SV25/SV40		60.40		120.56		381.18		423.54		465.89
4.0 - 8.0 Tons	Bomag BW 170 Caterpillar CS-431C Dynapac CA15/CA151 IR SP42 Sakai TV55 Tampo RS-16		128.35		120.56		555.30		617.00		678.70
Rollers, Pneumatic, S.P. 10.0 - 19.0 Tons	Gallon 3500 Sakai TS 7409/TA7510 Tampo SP-18 Watanabe WP902B		128.35		120.56		405.57		450.63		495.69
20.0 - 30.0 Tons	All Makes/Models		181.20		120.56		393.86		437.63		481.39
Compactor, Plate, Vibratory 5.0 HP GED 7.0 HP GED	All Makes/Models All Makes/Models		19.46 25.30				66.15 74.70		73.50 83.00		80.85 91.30

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		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE		WITH FIELD REPAIR AND MAINTENANCE			
								SCHEDULE "A"		SCHEDULE "B"	
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
Sheepfoot Roller, Towed Type Single Double Smooth Drum							23.40 34.20 15.30		26.00 38.00 17.00		28.60 38.80 16.70
HAULING EQUIPMENT Truck-Tractor w/ Trailer Low/High Bed Trailer (4-Hours Minimum)	All Makes/Models		528.50		76.45		910.80		1,012.00		1,113.20
Truck Dump 2.5 - 4.0 cu.m. 4.5 - 6.5 cu.m.	All Makes/Models All Makes/Models Isuzu FSR33 Iveco, ML150E21H	15.10 18.12 18.12 18.12	226.50 279.35 377.50 377.50	4.45 4.45 4.45 4.45	76.45 76.45 76.45 76.45	11.61 17.10 54.20 61.20	243.04 308.03 975.40 1,102.40	12.90 19.00 60.21 68.10	270.05 342.25 1,083.78 1,224.90	14.19 20.90 66.23 74.80	297.05 376.48 1,192.16 1,347.40
Truck Stake/Cargo 2 1/2 Tons 6x6 GED 2 1/2 Tons 6x6 DED 6 - 7 Tons 4x2 DED 8 - 10 Tons DED	All Makes/Models All Makes/Models All Makes/Models All Makes/Models	19.46 15.10 18.12 22.65	291.90 226.50 279.35 332.20	4.45 4.45 4.45 4.45	76.45 76.45 76.45 76.45	6.59 12.99 18.30 23.43	98.80 194.77 273.80 351.90	7.32 14.43 20.33 26.03	109.77 216.41 304.23 391.00	8.05 15.87 22.36 28.63	120.75 200.50 334.65 430.10
8 Tons w/ 3 Tons Crane	Hino KB 220 Isuzu TXD50L Mitsubishi FM215	18.20	279.35	4.45	76.45	21.11	317.09	23.46	352.32	25.81	387.55

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							SCHEDULE "A"		SCHEDULE "B"		SCHEDULE "C"
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
8 Tons w/ 4 Tons Crane	Mitsubishi FP41BJL	22.65	332.20	4.45	76.45	24.80	371.70	27.55	413.00	30.31	454.30
	Hino KB222/KB212 Nissan TK 20L/TF21K Isuzu, FTR33P	22.65	332.20	4.45	76.45	61.88	927.90	68.75	1,031.25	75.62	1,134.10
PICK-UP/WEAPONS CARRIER 3/4 - 1 Ton 4x2 GED	Chevy, Nissan, Toyota Fiera, LUV, Datsun, Harabas, Pinoy Tamaraw	7.784	194.60	2.65	76.45	4.65	68.97	5.16	76.63	5.68	84.30
3/4 - 1 Ton 4x2 DED	Mitsubishi, Nissan, Isuzu Toyota, KIA Ceres Auto Buzul	4.83	120.80	2.65	76.45	5.40	80.73	6.00	89.70	6.60	98.67
3/4 - 1 Ton 4x4 DED, DC	Ford "Ranger" XLT Series Isuzu "Fuego" FTS55HDLS	4.83	120.80	2.65	76.45	18.90	282.56	21.00	313.95	23.10	345.34
PERSONNEL TRANSPORT Passenger Bus 40 - 50 Pass, DED	Chevy, GMC Hino BX420	7.36	181.20	2.65	76.45	11.84	296.55	13.15	329.50	14.47	362.45
25 - 35 Pass DED	Mitsubishi Rosa	5.91	151.00	2.65	76.45	9.32	232.83	10.35	258.70	11.39	284.57
18 - 22 Pass, GED	Toyota Coaster	7.784	194.60	2.65	76.45	6.57	164.70	7.30	183.00	8.03	201.30
18 - 22 Pass, DED	Nissan Civilian	3.66	90.86	2.65	76.45	6.80	169.20	7.55	188.00	8.31	206.80
Station Wagon, 4x2 GED	All Makes	6.24	155.68	2.65	76.45	2.88	72.00	3.20	80.00	3.52	88.00
Station Wagon, 4x4 GED	Cherokee, Toyota Nissan, Wagoneer	7.784	194.60	2.65	76.45	3.38	84.60	3.75	94.00	4.13	103.40
Station Wagon, 4x4 DED	Toyota, ARO, Nissan	4.83	120.80	2.65	76.45	3.94	97.85	4.38	108.72	4.82	119.59
Van, 4x4 GED	Mitsubishi Versa Van KIA Besta	7.784	194.60	2.65	76.45	6.03	150.30	6.70	167.00	7.37	183.70

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								SCHEDULE "A"		SCHEDULE "B"	
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
Utility Vehicle, 4x4 GED	Nissan, Toyota Mitsubishi, Jeep CJS	7.78	194.60	2.65	76.45	3.42	84.33	3.80	93.70	4.18	103.07
Utility Vehicle, 4x4 DED	Nissan Toyota ARO Mitsubishi, Jeep CJ7	4.83	120.80	2.65	76.45	4.10	101.43	4.55	112.70	5.01	123.91
Speed Boat, 35-50 HP	All Makes		110.92		76.45		39.60		44.00		48.40
Speed Boat, 20-30 HP	All Makes		110.92		76.45		35.10		39.00		42.90
CAR SEDAN 1000 - 1300 cc. 1400 - 1800 cc. 1850 - 2600 cc.	Volkswagen, Ford Corona Colt Crown Blue Bird Mitsuboshi, Super Saloon	4.02 4.85 5.22	100.45 120.54 125.56	2.65 2.65 2.65	76.45 76.45 76.45	1.98 2.34 3.83	48.60 57.60 95.40	2.20 2.60 4.25	54.00 64.00 106.00	2.42 2.86 4.68	59.40 70.40 116.60
MOTORCYCLES 90 - 150 cc 175 - 350 cc.	All Makes All Makes	1.44 1.75	33.08 40.87			0.45 0.59	10.35 13.95	0.50 0.65	11.50 15.50	0.55 0.72	12.65 17.05
SUPPORT EQUIPMENT Trucks, Fuel Tank 5000 - 7500 Liters 8000 - 12000 Liters	All Makes		120.80 203.85		76.45 76.45		671.50 744.60		790.00 876.00		908.50 1,007.50
Trucks, Water Tank 5000 - 7500 Liters 8000 - 12000 Liters	All Makes		120.80 203.85		76.45 76.45		817.65 906.75		908.50 1,007.50		999.35 1,108.25
Trucks, Fire 5000 - 7500 Liters Complete w/ Accessories	All Makes		120.80		76.45		900.00		1,000.00		1,100.00

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							SCHEDULE "A"		SCHEDULE "B"		SCHEDULE "C"
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
Water Tank, Towed type 2500 - 4000 Liters	All Makes						43.65		48.50		53.35
Truck Lube & Service Complete w/ Accessories	All Makes		120.80		76.45		181.45		201.61		221.77
Truck, Mobile Shop	All Makes		120.80		76.45		140.78		156.40		172.04
Fuel Tank, Skid-Mounted 10000 - 20000 Liters							4,540.05 per month		5,044.50 per month		5,548.95 per month
AGGREGATE PLANT Crushing & Screening Plant 25 TPH (40 cu.m./hr.)	Kawasaki						4,602.60 per month x rated cap in cu.m.		5,114.00 per month x rated cap in cu.m.		5,625.40 per month x rated cap in cu.m.
Washing & Screening Plant 20 TPH (32 cu.m./hr.)	Kawasaki Kurimoto Shinwa						2,991.60 per month x rated cap in cu.m.		3,324.00 per month x rated cap in cu.m.		3,656.40 per month x rated cap in cu.m.
Concrete Batch Plant 18 cu.m./hr.	Elba ZMM-15						2,401.20 per month x rated cap in cu.m.		2,668.00 per month x rated cap in cu.m.		2,934.80 per month x rated cap in cu.m.
CONCRETING EQUIPMENT Mixer, Truck-Mounted 3 - 3.5 cu.m. 4 - 5.0 cu.m.	Hino ZM 200 Hino ZM 202		151.00 181.20		76.45 76.45		489.60 612.00		544.00 680.00		598.40 748.00
Mixer, Concrete (Tilting/Non-Tilting) 0.16 cu.m. (1 bagger) 0.30 cu.m. (2 bagger) 0.30 cu.m. (2 bagger) w/charger	All Makes All Makes All Makes		19.46 31.14 38.92				44.41 52.97 61.16		49.35 58.86 67.95		54.28 64.75 74.75

REVISED RENTAL RATES FOR ALL NIA EQUIPMENT
Effective January 1, 2004

TYPE OF EQUIPMENT	MAKE AND MODEL	HOURLY OPERATING COST				RENTAL RATE PER HOUR WITHOUT FUEL AND OPERATOR					
		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE	WITH FIELD REPAIR AND MAINTENANCE				
							SCHEDULE "A"		SCHEDULE "B"		SCHEDULE "C"
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
Vibrator, Concrete GED	All Makes/Models		24.33				60.30		67.00		73.70
AIR EQUIPMENT											
Compressors	All Makes/Models										
601 - 700 CFM			332.20				742.32		824.80		907.28
501 - 600 CFM			302.00				706.50		785.00		863.50
456 - 500 CFM			256.70				521.64		579.60		637.56
356 - 450 CFM			226.50				480.24		533.60		586.96
331 - 350 CFM			181.20				358.65		398.50		438.35
251 - 330 CFM			158.55				336.87		374.30		411.73
186 - 250 CFM			120.80				302.22		335.80		369.38
161 - 185 CFM			113.25				253.08		281.20		309.32
126 - 160 CFM			83.05				227.16		252.40		277.64
86 - 125 CFM			70.97				191.43		212.70		233.97
DRILLING EQUIPMENT											
Water-Well Drilling Rig	Sankyu-Kogyo SM-22T						383.40		426.00		468.60
Deepwell Rotary/Percussion complete w/ accessories	George Failing JED-A										
Water-Well Drilling Rig	Sankyu-Kogyo SM-50						789.30		877.00		964.70
Shallow-well Rotary complete w/ accessories											
Portable Drilling Rig	IRRI						161.73		179.70		197.67
complete w/ accessories											
Rock Drill Machine	All Makes/Models				120.56		90.54		100.60		110.66
Pneumatic Paving Breakers with hose Oiler & Attachments	All Makes/Models				120.56		80.01		88.90		97.79

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		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE	WITH FIELD REPAIR AND MAINTENANCE				
							SCHEDULE "A"		SCHEDULE "B"		SCHEDULE "C"
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
POWER GENERATING EQUIPT.	All Makes/Models										
Generating Sets											
151 - 200 KW							270.75		300.83		330.91
101 - 150 KW							209.95		233.28		256.61
51 - 100 KW							155.33		172.59		189.85
41 - 50 KW							142.03		157.81		173.59
31 - 40 KW							130.15		144.61		159.07
21 - 30 KW							114.95		127.72		140.49
16 - 20 KW							105.93		117.70		129.47
11 - 15 KW							89.59		99.54		109.49
6 - 10 KW						81.70		90.78		99.86	
1 - 5 KW						72.20		80.22		88.24	
PUMPING EQUIPMENT	All Makes/Models										
Mixed Flow & Propeller Pumps											
90 - 102 cu.m./min.							346.50		385.00		423.50
61 - 70 cu.m./min.							187.20		208.00		228.80
51 - 60 cu.m./min.							180.00		200.00		220.00
30 - 45 cu.m./min.							164.70		183.00		201.30
21 - 28 cu.m./min.							155.25		172.50		189.75
16 - 20 cu.m./min.							148.95		165.50		182.05
11 - 15 cu.m./min.							127.35		141.50		155.65
6 - 10 cu.m./min.						99.45		110.50		121.55	
3 - 5 cu.m./min.						69.30		77.00		84.70	
Pump Less Prime Mover											
Deduct 40%											

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		FUEL		OPERATOR		W/O FIELD REPAIR AND MAINTENANCE		WITH FIELD REPAIR AND MAINTENANCE			
								SCHEDULE "A"		SCHEDULE "B"	
		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
Centrifugal Pump	All Makes					Elect. Drive	Engine Drive	Elect. Drive	Engine Drive	Elect. Drive	Engine Drive
250 mm dia.						39.15	68.40	43.50	76.00	47.85	83.60
200 mm dia.						34.20	62.10	38.00	69.00	41.80	75.90
150 mm dia.						27.45	55.17	30.50	61.30	33.55	67.43
125 mm dia.						19.53	44.10	21.70	49.00	23.87	53.90
100 mm dia.						16.20	39.19	18.00	43.55	19.80	47.90
50-75 mm dia.						14.67	34.20	16.30	38.00	17.93	41.80
AGRICULTURAL EQUIPMENT											
Farm Tractor	All Makes										
70 - 85 HP 4x4			176.25		74.35		130.95		145.50		160.05
70 - 85 HP 4x2	All Makes		120.80		74.35		98.33		109.25		120.18
* Add 10% of the Basic machine rate for:											
a. Disc Plow											
b. Disc Harrow											
c. Mold Board Plow											
d. Cage Wheel											
Power Tiller											
9 - 12 HP DED	All Makes		21.20				28.35		31.50		34.65
5 - 8 HP GED	All Makes		29.19				20.25		22.50		24.75
Weed Cutter, GED			11.48				5.85		6.50		7.15
Chainsaw, GED			11.48				20.70		23.00		25.30

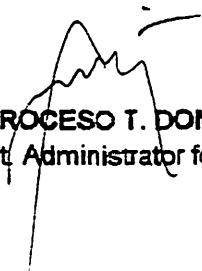
REVISED RENTAL RATES FOR ALL NIA EQUIPMENT
Effective January 1, 2004

TYPE OF EQUIPMENT	MAKE AND MODEL	HOURLY OPERATING COST				RENTAL RATE PER HOUR WITHOUT FUEL AND OPERATOR						
						W/O FIELD REPAIR AND MAINTENANCE	WITH FIELD REPAIR AND MAINTENANCE					
		FUEL		OPERATOR			SCHEDULE "A"		SCHEDULE "B"		SCHEDULE "C"	
		PER KM.	PER HR.	PER KM.	PER HR.		PER KM.	PER HR.	PER KM.	PER HR.	PER KM.	PER HR.
SHOP EQUIPMENT												
Welding Machine, EGINE Driven												
230 - 300 Amp.							65.25		72.50		79.75	
180 - 220 Amp.							43.47		48.30		53.13	
Trans. Type 300 Amp.							27.90		31.00		34.10	

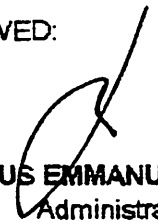
SUBMITTED BY:


GREGORIO S. DUMANDAN
 Manager, Equipment Management Department

RECOMMENDING APPROVAL:


PROCESO T. DOMINGO
 Asst. Administrator for S.O.E.M.

APPROVED:


JESUS EMMANUEL M. PARAS
 Administrator



Republika ng Pilipinas
Pambansang Pangasiwaan ng Patubig
(NATIONAL IRRIGATION ADMINISTRATION)
Lungsod ng Quezon

Annex "A"

**SUPPLEMENTAL INSTRUCTIONS IN THE
APPLICATION OF NIA RENTAL RATES**

1. The rental schedules enumerated in this Memorandum Circular shall be applicable to the various equipment end-users, as follows :
 - a. Schedule "A" - For Operation and Maintenance (O & M) of NIA Irrigation Systems, Regional Offices and Central Office (Force Account Work).
 - b. Schedule "B" - For NIA Projects under force account or administration.
 - c. Schedule "C" - For private contractors of NIA Projects and other government agencies and by other government agencies and private entities/parties.
2. Rental rate for attachment/accessories must be added to the Basic Rate.
3. Age Factor Generally, the rates listed herein are based on 6-10 year old equipment. Rates shall vary depending upon their age, hence rates of newly acquired or old equipment shall equal the prevailing rates multiplied by the factors listed hereunder.

<u>Equipment Age</u>	<u>Factor</u>
1 - 5 yrs.	1.2
6 -10 yrs.	1.0
11 yrs. and above	0.8

4. Fuel cost in the table are typical values for Schedule A & B and maybe used as guide for estimating purposes based on the following unit costs.
Gasoline (Premium) - P 20.09/Lit.
Gasoline (Regular) - P 19.46/Lit.
Diesel - P 15.10/Lit.

Whenever fuel costs are adjusted resulting in the significant change ($\pm 10\%$) of the typical values, as shown, the Fuel Cost Adjustment Factor (FCAF) shall be applied in Col. 3 under Fuel/Km. Or Fuel/Hr. using the formula;

$$FCAF = \frac{F_A}{F_T} \times 100\%; \text{ Where } F_A = \text{Actual Fuel Cost} \\ F_T = \text{Typical Fuel Cost}$$

5. Fuel charges shall be based on the actual fuel consumption multiplied by the prevailing cost in the region/project as reported on the Daily Operator's Report, Daily Trip Tickets and the Monthly Equipment Utilization Report (EM-3A).
6. Operator charges must be added to the Basic Rate if NIA personnel is assigned to operate the equipment. Hence;

Total Rental Rate = Basic Rate (Age Factor) + Operator Charges + Fuel Charges