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# REPUBLIC OF THE PHILIPPINES NATIONAL POWER CORPORATION

(Pambansang Korporasyon sa Elektrisidad)

# **BID DOCUMENTS**

Name of Project

SUPPLY AND DELIVERY OF CONSOLIDATED

PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL

GENERATING SETS OF MONLOD.

PR Nos.

\$1-MQN24-008, \$1-MQN24-009, \$1-MQN24-010,

S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

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PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013 SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON GENERATING SETS OF MQNLOD

PACKAGE I: PR NO. S1-MQN24-008: PMS and Security Spare Parts for 80kW FG-Wilson, Engine Model: 1106A-70TAG2, Engine No. PR82603R

| ITEM | DESCRIPTION               | PART NO.    | Q  | ΓΥ   | UNIT PRICE   | TOTAL PRICE |
|------|---------------------------|-------------|----|------|--------------|-------------|
| 1    | SEAL - O RING             | 986-164     | 12 | PC   | 237.00       | 2,844.00    |
| 2    | WASHER 10PCS/PACK         | 988-955     | 1  | PACK | 890.00       | 890.00      |
| 3    | INDUCTION MANIFOLD        | 915-830     | 12 | PC   | 2,042.00     | 24,504.00   |
| 4    | GASKET - IND MANIFOLD     | 915-786     | 12 | PC   | 818.00       | 9,816,00    |
| 5    | CAMSHAFT                  | 10000-60145 | 1  | PC   | 40,342.00    | 40,342.00   |
| 6    | KEY                       | 929-511     | 12 | PC   | 262.00       | 3,144.00    |
| 7    | PUSH ROD                  | 907-003     | 12 | PC   | 865.00       | 10,380.00   |
| 8    | SCREW                     | 10000-05645 | 6  | PC   | 1,165.00     | 6,990.00    |
| 9    | SPACER                    | 10000-05664 | 6  | ъс   | 493.00       | 2,958.00    |
| 10   | REAR HOUSING SEAL         | 998-712     | 6  | PC   | 4,597.00     | 27,582.00   |
| 11   | BOLT                      | 915-744     | 12 | PC   | 464.00       | 5,568.00    |
| 12   | PLUG                      | 987-071     | 24 | PC   | 102.00       | 2,448.00    |
| 13   | PLUG                      | 986-983     | 24 | PC   | 467.00       | 11,208.00   |
| 14   | PLUG                      | 929-735     | 24 | PC   | 505.00       | 12,120.00   |
| 15   | FUEL FILTER BOWL          | 10000-12566 | 6  | PC   | 2,304.00     | 13,824.00   |
| 16   | CYLINDER HEAD BOLT        | 10000-60100 | 12 | PC   | 2,660.00     | 31,920.00   |
| 17   | ROCKER SHAFT ASSEMBLY     | 10000-60142 | 1  | PC   | 28,489.00    | 28,489.00   |
| 18   | ROCKER SHAFT ASSY - MINOR | 10000-60148 | 1  | PC   | 10,643.00    | 10,643.00   |
| 19   | ROCKER ARM ASSEMBLY       | 915-816     | 6  | PC   | 2,859.00     | 17,154.00   |
| 20   | NUT 10PCS/PACK            | 973-827     | 2  | PACK | 799.00       | 1,598.00    |
| 21   | SCREW                     | 994-255     | 6  | PC   | 237.00       | 1,422.00    |
| 22   | CIRCLIP 10PCS/PACK        | 980-189     | 2  | PACK | 714.00       | 1,428.00    |
| 23   | WASHER                    | 915-688     | 12 | PC   | 348.00       | 4,176.00    |
| 24   | SCREW                     | 915-701     | 12 | PC   | 467.00       | 5,604.00    |
| 25   | SCREW                     | 915-700     | 12 | PC   | 470.00       | 5,640.00    |
| 26   | VALVE COLLET 10PCS/PACK   | 10000-57653 | 4  | PACK | 1,828.00     | 7,312.00    |
| 27   | CAP                       | 10000-60147 | 24 | PC   | 332.00       | 7,968.00    |
| 28   | VALVE SPRING              | 10000-67811 | 24 | PC   | 171.00       | 4,104.00    |
| 29   | EXHAUST VALVE STEM SEAL   | 10000-00118 | 24 | PC   | 446.00       | 10,704.00   |
| 30   | KIT, WATER PUMP           | 10000-82615 | 1  | PC   | 18,221.00    | 18,221.00   |
| 31   | GASKET                    | 10000-52701 | 6  | PC   | 2,036.00     | 12,216.00   |
| 32   | SCREW 10PCS/PACK          | 909-220     | 1  | PACK | 900.00       | 900.00      |
| 33   | SCREW 10PCS/PACK          | 994-963     | 1  | PACK | 1.010.00     | 1,010.00    |
| 34   | SCREW 10PCS/PACK          | 929-426     | 1  | PACK | 1,105.00     | 1,105.00    |
| 35   | SEAL - FRONT END OIL      | 10000-05563 | 6  | PC   | 1,338.00     | 8,028.00    |
| 36   | WOODRUFF KEY              | 929-511     | 6  | PC   | 262.00       | 1,572.00    |
| 37   | THRUST WASHER KIT         | 10000-52810 | 6  | PC   | 1,222.00     | 7,332.00    |
| 38   | MAIN BEARING KIT          | 10000-55650 | 4  | PC   | 7,781.00     | 31,124.00   |
| 39   | PISTON RING KIT           | 10000-05804 | 6  | PC   | 8,582.00     | 51,492.00   |
| 40   | CIRCLIP 10PCS/PACK        | 981-980     | 1  | PACK | 972.00       | 972.00      |
| 41   | CON ROD ASSEMBLY          | 10000-49712 | 6  | PC   | 13,734.00    | 82,404.00   |
| 42   | SMALL END BUSH            | 10000-05616 | 6  | PC   | 1,114.00     | 6,684.00    |
| 43   | BOLT, CONNECTING ROD      | 10000-48969 | 6  | PC   | 698.00       | 4,188.00    |
| 44   | BLANKING PLATE            | 915-775     | 6  | PC   | 1,581.00     | 9,486.00    |
| 45   | GASKET - OIL FILTER HEAD  | 915-792     | 6  | PC   | 322.00       | 1,932.00    |
| 46   | 8LANKING PLATE            | 10000-05695 | 6  | PC   | 335.00       | 2,010.00    |
| 47   | GASKET                    | 10000-05717 | 6  | PC   | 426.00       | 2,556.00    |
| 48   | TOP GASKET KIT            | 10000-00116 | 4  | PC   | 14,586.00    | 58,344.00   |
|      | [                         | TA400-00TTO |    |      | 1 1-1,000,00 | 1 30,344,00 |

|    |                          |             |     |    | TOTAL      | 1,585,158.00 |
|----|--------------------------|-------------|-----|----|------------|--------------|
| 64 | LUBE OIL PRESSURE SENSOR | 320-3064    | 5   | PC | 8,160.00   | 40,800.00    |
| 63 | TURBOCHARGER             | 10000-61759 | 1   | PC | 180,234.00 | 180,234.00   |
| 62 | DIODE KIT                | 10000-62226 | 1   | PC | 18,360.00  | 18,360.00    |
| 61 | SENSOR, COOLANT LEVEL    | 622-312     | 5   | PC | 18,360.00  | 91,800.00    |
| 60 | SENSOR, OIL TEMPERATURE  | 915-756     | . 5 | PC | 8,160.00   | 40,800.00    |
| 59 | STARTER MOTOR            | 10000-68878 | 2   | PC | 41,820.00  | 83,640.00    |
| 58 | FUEL LIFT PUMP           | 10000-60118 | 2   | PC | 4,463.00   | 8,926.00     |
| 57 | FUEL INJECTION PUMP      | 10000-68623 | 1   | РÇ | 209,508.00 | 209,508.00   |
| 56 | GASKET - TIMING CASE     | 10000-05411 | 2   | PC | 1,469.00   | 2,938.00     |
| 55 | SEAL - INJECTOR          | 10000-00097 | 12  | PC | 520.00     | 6,240.00     |
| 54 | PISTON AND RING KIT      | 10000-68875 | 12  | PC | 14,729.00  | 176,748.00   |
| 53 | VALVE GUIDE              | 10000-60143 | 24  | PC | 517,00     | 12,408.00    |
| 52 | VALVE SEAT INSERT        | 10000-79309 | 24  | PÇ | 418.00     | 10,032.00    |
| 51 | VALVE SEAT INSERT        | 10000-79308 | 24  | PC | 418.00     | 10,032.00    |
| 50 | VAŁVE EXHAUST            | 10000-57659 | 12  | PC | 3,264.00   | 39,168.00    |

PACKAGE II: PR NO. 51-MQN24-009: PMS and Security Spare Parts for 100kW Perkins, Engine Model: 1006-TAG, Engine No. YD37746

| ITEM | DESCRIPTION             | PART NO.   | Q. | TY | UNIT PRICE | TOTAL PRICE  |
|------|-------------------------|------------|----|----|------------|--------------|
| 1    | INJECTOR                | 2645A060   | 24 | PC | 10,000.00  | 240,000.00   |
| 2    | CYLINDER HEAD KIT       | ZZ80228    | 2  | PC | 350,000.00 | 700,000.00   |
| 3    | GASKET - CYLINDER HEAD  | 3681H208   | 4  | PC | 10,600.00  | 42,400.00    |
| 4    | PISTON KIT              | U5LF0021   | 12 | PC | 17,000.00  | 204,000.00   |
| 5    | PISTON RING KIT         | 4181A026   | 12 | PC | 5,000.00   | 60,000,00    |
| 6    | MAIN BEARING KIT        | U5M80030   | 4  | PC | 16,000.00  | 64,000.00    |
| 7    | BIG END BEARING KIT     | U5ME0035   | 4  | PC | 15,000.00  | 60,000.00    |
| . 8  | LINER - PRESS FIT       | 3135X063   | 18 | PC | 6,000,00   | 108,000.00   |
| 9    | OIL PUMP                | 4132F057   | 2  | PC | 25,000.00  | 50,000.00    |
| 10   | ELECTRONIC GOVERNOR KIT | U5MK0669   | 2  | PC | 58,240.00  | 116,480.00   |
| 11   | FUEL INJECTION PUMP     | 2643D641   | 2  | PC | 125,000.00 | 250,000.00   |
| 12   | SPEED SENSOR            | 2868A006   | 10 | PC | 3,000.00   | 30,000.00    |
| 13   | STARTER MOTOR           | 2873K621   | 2  | PC | 30,000.00  | 60,000.00    |
| 14   | OIL COOLER              | 2486A972   | 2  | PC | 36,000.00  | 72,000.00    |
| 15   | GASKET - OIL COOLER     | 3684N026   | 4  | PC | 2,500.00   | 10,000.00    |
| 16   | PULLEY, CRANKSHAFT      | 31157111   | 2  | PC | 25,000.00  | 50,000.00    |
| 17   | DAMPER                  | 3321A009   | 2  | PC | 17,000.00  | 34,000.00    |
| 18   | PUMP, WATER REPAIR KIT  | U5MW0160   | 2  | PC | 15,000.00  | 30,000.00    |
| 19   | THERMOSTAT              | 2485613    | 2  | PC | 3,000.00   | 6,000.00     |
| 20   | FAN                     | 2485C527   | 2  | PC | 50,000.00  | 100,000.00   |
| 21   | ALTERNATOR              | 2871A141   | 2  | PC | 45,900.00  | 91,800.00    |
| 22   | TURBOCHARGER            | 2674A335   | 2  | PC | 88,200.00  | 176,400.00   |
| 23   | OIL PRESSURE SWITCH     | 2848A013   | 10 | PC | 4,000.00   | 40,000.00    |
| 24   | RADIATOR                | 24858243   | 2  | PC | 220,000.00 | 440,000.00   |
| 25   | AVR STAMFORD AS440      | E000-24403 | 4  | PC | 55,000.00  | 220,000.00   |
|      |                         |            |    |    | TOTAL      | 3,255,080.00 |

# PACKAGE III: PR NO. S1-MQN24-010: PMS and Security Spare Parts for 163kW & 260kW Perkins, Engine Model: 2006-TG1 & 2006-TAG, Engine Nos. 8827396U85293V & 8C27397U84704U

| ITEM | DESCRIPTION                          | PART NO. | QTY |    | UNIT PRICE | TOTAL PRICE |
|------|--------------------------------------|----------|-----|----|------------|-------------|
| 1    | OVERHAUL KIT, TOP                    | KRP1262  | 7   | PC | 19,840.00  | 138,880.00  |
| 2    | NOZZLE, FUEL INJECTOR (4 HOLE X .42) | OD20281  | 18  | PÇ | 9,160.00   | 164,880.00  |
| 3    | INSERT EXHAUST VALVE                 | OE49094  | 18  | PC | 1,900.00   | 34,200.00   |
| 4    | INSERT INLET VALVE                   | OE50118  | 18  | PC | 1,900.00   | 34,200.00   |
| 5    | SEATING, LOWER INLET                 | OE42266  | 18  | PC | 1,640.00   | 29,520.00   |
| 6    | VALVE, INLET                         | OE50588  | 36  | PC | 4,000.00   | 144,000.00  |
| 7    | VALVE, EXHAUST (NIMONIC)             | OE50589  | 36  | PC | 6,200.00   | 223,200.00  |

| 9 COTTER OE2582 72 PC 1,330.00 74,161 10 SEATING, UPPER OE39355 36 PC 1,800.00 64,80 11 BEARING KIT, BIG-END KRP3008 5 PC 8,350.00 64,80 12 RING KIT, PISTON KRP1251 5 PC 7,700.00 38,55 13 VALVE GUIDE - INLET OE47043 18 PC 1,700.00 30,60 14 VALVE GUIDE - INLET OE47043 18 PC 1,700.00 30,60 15 SIESVE, INJECTOR OE50207 18 PC 2,400.00 30,60 15 SIESVE, INJECTOR OE50207 18 PC 2,400.00 144,00 17 TAPPET OE50255 36 PC 2,500.00 39,60 18 WASHER, THRUST (OE 1687 & 1688) KRP3200 6 PC 2,500.00 39,60 19 BEARING KIT, MAIN KRP3107 3 PC 22,800.00 68,44 20 SEAL, REAR C/SHAFT OE50255 3 PC 4,670.00 14,01 21 BUSH, CAMSHAFT (FRONT C/C) OE50629 3 PC 6,650.00 193,20 22 PISTON AND UNER KIT KRP1261 18 PC 1,500.00 972,00 23 OVERHAUL KIT, BOTTOM KRP1263 3 PC 6,250.00 193,20 24 SPRING, VALVE UNER NO KRP1263 3 PC 6,250.00 193,20 25 SPRING, VALVE INNER OE42300 18 PC 1,500.00 27,00 26 SPRING, VALVE INNER OE42301 18 PC 1,500.00 27,00 27 SPRING, VALVE INNER OE42301 18 PC 1,500.00 27,00 28 SEAL, FRONT C/SHAFT OE50254 3 PC 6,500.00 37,00 29 ALTERNATOR, CHARGE 24VDC OD20798 2 PC 7,800.00 0 36,00 30 SEAL, SPRING, VALVE INNER OE42301 18 PC 1,500.00 27,00 31 SWITCH, OUL PRESSURE 18 PS 1 1,500.00 27,00 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,70 31 SWITCH, OUL PRESSURE 18 PS 1 11889 5 PC 7,240.00 36,     |    |   |           |  |             |  |              |
|--|----|---|-----------|--|-------------|--|--------------|
| DEATHING LUPPER  | 8  | ROTO-COIL UNIT                          | OE49262   | 18.  | PC          | 4,780.00   | 86,040.00    |
| 11   BEARING KIT, BIG-END  | 9  | COTTER                                  | OE2582    | 72   | PC          |  | 74,160.00    |
| BEARING KIT, PIG-END   | 10 | SEATING, UPPER                          | OE30935   | 36   | PC          | 1,800.00   | 64,800.00    |
| 12   RING KIT, PISTON  | 11 | BEARING KIT, BIG-END                    | KRP3008   | 5  | PC          | 8,330.00   | 41,650.00    |
| 14 VALVE GUIDE - EXHAUST   | 12 | RING KIT, PISTON                        | KRP1251   | 5  | PC          |  | 38,500.00    |
| 14   | 13 | VALVE GUIDE - INLET                     | OE47043   | 18   | PC          | 1,700.00   | 30,600.00    |
| 15 SLEEVE, INJECTOR OES0207 18 PC 2,400.00 43,20 16 PUSH RODD QE42184 36 PC 4,000.00 144,00 17 TAPPET OES0775 36 PC 2,600.00 93,60 18 WASHER, THRUST (OE 1687 & 1688) KRP3200 6 PC 5,000.00 30,00 19 BEARING KIT, MAIN KRP3107 3 PC 22,800.00 68,40 20 SEAL, REAR C/SHAFT OES0255 3 PC 4,670.00 14,01 21 BUSH, CAMSHAFT (FRONT C/C) OES0629 3 PC 6,650.00 19,95 22 PISTON AND UNRER KIT KP1261 18 PC 5,4000.00 972,02 23 OVERHAUL KIT, BOTTOM KRP1263 3 PC 5,250.00 186,75 24 SPRING, VALVE OUTER CHARDE OF 18,000 18 PC 1,500.00 27,00 25 SPRING, VALVE UNIVER OE42301 18 PC 1,500.00 27,00 26 SPRING, VALVE UNIVER OE42301 18 PC 1,500.00 27,00 27 SPRING, VALVE UNIVER OE42301 18 PC 1,500.00 27,00 28 SEAL, FRONT C/SHAFT OE50254 3 PC 3,000.00 9,60 29 ALTERNATOR, CHARGE 24VDC OD20798 2 PC 78,000.00 15,00 30 SWITCH, TURPERSURE 18 PS CH12893 5 PC 2,340.00 15,00 31 SWITCH, OIL PRESSURE 18 PS CH12894 5 PC 7,340.00 36,70 32 SOLENOID (24V) OE52318 2 PC 3,400.00 16,00 33 SWITCH, OIL PRESSURE 18 PS CH12894 5 PC 7,340.00 36,70 34 PUMP ASSEMBLY OE52318 2 PC 3,600.00 36,00 35 SRING, SEALING 1,450 DIA ST\$119 12 PC 500.00 58,40 36 RING, SEALING 1,450 DIA ST\$119 12 PC 500.00 58,40 37 THERMOSTAT OE50324 3 PC 1,600.00 36,70 38 CLEVIS ASSEMBLY OE52318 2 PC 7,520.00 15,00 39 CONC, FRONT OE50324 3 PC 1,600.00 35,70 30 SWITCH, OIL PRESSURE 18 PS CH12894 5 PC 7,340.00 16,00 31 SWITCH, OIL PRESSURE 18 PS CH12894 5 PC 7,520.00 15,00 32 SOLENOID (24V) OE52318 2 PC 38,000.00 36,70 34 PUMP ASSEMBLY OE52318 2 PC 3,000.00 36,70 35 RING, SEALING 1,450 DIA ST\$5119 12 PC 500.00 6,00 36 RING, SEALING 1,450 DIA ST\$5119 12 PC 500.00 6,00 37 THERMOSTAT OE50324 3 PC 1,200.00 36,70 38 CONC, FRONT OE66297 2 PC 7,520.00 15,00 39 CONC, FRONT OE66297 2 PC 1,200.00 0,00 40 CLEVER & BALL JOINT ASSEMBLY OD20391 2 PC 1,200.00 0,00 40 CLEVER & BALL JOINT ASSEMBLY OD20392 12 PC 3,000.00 12,50 49 PIPE, INICTIN NO 1 CYL ASSEMBLY OD20393 2 PC 11,000.00 22,50 51 PIPE, INICTIN NO 2 CYL ASSEMBLY OD20393 2 PC 11,000.00 25,50 52 STARTEM MOTOR OD21858WI OE50455 3 PC 30,000.00 00.00 55 SR RADIATO | 14 | VALVE GUIDE - EXHAUST                   | OE47044   |  |             |  | 30,600.00    |
| 16 PUSH ROD  | 15 | SLEEVE, INJECTOR                        | OE50207   | 18   |             |  | 43,200.00    |
| 17   TAPPET  | 16 | PUSH ROD                                | OE42184   | 36   | PC          |  | 144,000.00   |
| 18   | 17 | TAPPET                                  | OE50775   | 36   | PC          |  | 93,600.00    |
| 19   BEARING MIT, MAIN   | 18 | WASHER, THRUST (OE 1687 & 1688)         | KRP3200   | 6  | PC          |  | 30,000.00    |
| 21   BUSH, CAMSHAPT (FRONT C/C)   OE50629   3   PC   6,650.00   19,95  | 19 | BEARING KIT, MAIN                       | KRP3107   | 3  | PC          |  | 68,400.00    |
| 22 PISTON AND LINER KIT KRP1261 18 PC 54,000.00 972,00 23 OVERHAUL KIT, BOTTOM KRP1263 3 PC 62,250.00 186,75 24 SPRING, VALVE OUTER C42300 18 PC 1,500.00 27,00 25 SPRING, VALVE INNER OE42301 18 PC 1,500.00 27,00 26 SPRING, VALVE INNER CXH OE49260 18 PC 1,500.00 27,00 27 SPRING, VALVE UNER EXH OE49260 18 PC 1,500.00 27,00 28 SEAL, FRONT C/SHAFT OE50254 3 PC 3,200.00 9,60 29 ALTERNATOR, CHARGE 24VDC OD20798 2 PC 78,000.00 156,00 30 SWITCH, TEMPERATURE 106 DEG. C CH12893 5 PC 2,340.00 11,70 31 SWITCH, GUIL PRESSURE 18 PSI CH12893 5 PC 7,340.00 36,70 32 SOLENOID (24V) OE52318 2 PC 38,450.00 76,90 33 CLEVIS ASSEMBLY OE52495 2 PC 16,600.00 33,20 34 PUMP ASSEMBLY OE52495 2 PC 12,900.00 58,40 35 RING, SEALING 1,450 DIA 5745119 12 PC 500.00 6,00 36 RING, SEALING 1,450 DIA 5745119 12 PC 500.00 6,00 37 THERMOSTAT OE48955 2 PC 7,320.00 15,00 39 CONE, REAR OE2789 2 PC 7,320.00 15,00 39 CONE, FRONT OE480BLY OD2392 12 PC 11,000.00 20,00 40 LEVER & BALL JOINT ASSEMBLY OD2392 12 PC 7,320.00 35,40 41 INJECTOR ASSEMBLY OD2393 12 PC 7,320.00 35,40 42 PIPE, SPILL ASSEMBLY OD2392 12 PC 1,000.00 36,00 44 PIPE, ASSEMBLY OD2393 12 PC 1,000.00 36,00 45 PIPE, PIMP SPILL ASSEMBLY OD2393 2 PC 11,000.00 22,00 46 PIPE, INJECTN NO 1 CYL ASSEMBLY OD2393 2 PC 11,000.00 22,00 47 PIPE, INJECTN NO 1 CYL ASSEMBLY OD2393 2 PC 11,000.00 22,00 48 PIPE, INJECTN NO 1 CYL ASSEMBLY OD2393 2 PC 11,000.00 22,00 50 PIPE, INJECTN NO 1 CYL ASSEMBLY OD2393 2 PC 11,000.00 22,00 51 TURBOCHARGER ASSEMBLY OD2393 2 PC 11,000.00 22,00 52 CONTROLLER, GOVERNOR OD2393 2 PC 11,000.00 22,00 53 TURBOCHARGER ASSEMBLY OD2393 2 PC 11,000.00 22,00 54 PIPE, INJECTN NO 4 CYL ASSEMBLY OD2393 2 PC 11,000.00 22,00 55 CONTROLLER, GOVERNOR 02391 3 PC 8,000.00 15,00 55 CONTROLLER, GOVERNOR 02391 3 PC 8,000.00 15,00 56 COOLING LET, PISTON ASSEMBLY OD2393 2 PC 12,500.00 15,00 57 RADIATOR ASSEMBLY OD2395 6 PC 2,500.00 15,00 58 RADIATOR ASSEMBLY OD2395 6 PC 2,500.00 15,00 58 RADIATOR ASSEMBLY OE50355 6 PC 2,500.00 15,00 58 RADIATOR ASSEMBLY OE50355 6 PC 2,500.00 15,00 58 RADIATOR ASSEMBLY     | 20 | SEAL, REAR C/SHAFT                      | OE50255   | 3  | PC          |  | 14,010.00    |
| 22 PISTON AND LINER KIT KRP1263  | 21 | BUSH, CAMSHAFT (FRONT C/C)              | OE50629   | 3  | PC          | 6,650.00   | 19,950.00    |
| 23 OVERHAUL KIT, BOTTOM KRP1263 3 PC 62,250.00 186,75 24 SPRING, VALVE OUTER OE42300 18 PC 1,500.00 27,00 25 SPRING, VALVE INNER OE42300 18 PC 1,500.00 27,00 26 SPRING, VALVE INNER EXH OE49260 18 PC 1,500.00 27,00 27 SPRING, VALVE INNER EXH OE49261 18 PC 1,500.00 27,00 27 SPRING, VALVE OUTER EXH OE49261 18 PC 1,500.00 27,00 28 SEAL, FRONT C/SHAFT OE50254 3 PC 3,200.00 9,60 29 ALTERNATOR, CHARGE 24VDC OD20798 2 PC 78,000.00 156,00 30 SWITCH, TEMPERATURE 106 DEG. C CH12893 5 PC 2,340,00 11,70 31 SWITCH, OIL PRESSURE 18 PSI CH12894 5 PC 7,340.00 36,70 32 SOLENOID (24V) OE52318 2 PC 38,450.00 76,90 33 CLEVIS ASSEMBLY OE52495 2 PC 16,600.00 33,20 34 PUMP ASSEMBLY, COOLANT OE51145 2 PC 29,200.00 58,40 35 RING, SEALING OE48311 6 PC 120.00 77 37 THERMOSTAT OE49554 2 PC 7,520.00 15,00 38 CONE, REAR OE2789 2 PC 7,520.00 11,60 40 LEVER & BALL JOINT ASSEMBLY OD20362 18 PC 7,320.00 36,60 41 INJECTOR ASSEMBLY OD20362 18 PC 11,800.00 33,40 42 PIPE, SPILL ASSEMBLY OD20362 18 PC 11,800.00 36,60 43 PIPE, SPILL ASSEMBLY OD20362 18 PC 7,320.00 14,60 44 PIPE, SINICTOR ASSEMBLY OD20362 19 PC 11,000.00 22,00 44 PIPE, INJECTOR ASSEMBLY OD20362 19 PC 11,000.00 22,00 45 PIPE, INJECTOR ASSEMBLY OD20388 2 PC 11,000.00 22,00 46 PIPE, INJECTOR ASSEMBLY OD20392 12 PC 3,000.00 22,00 47 PIPE, INJECTOR ASSEMBLY OD20392 12 PC 3,000.00 22,00 48 PIPE, INJECTOR ASSEMBLY OD20392 2 PC 11,000.00 22,00 49 PIPE, INJECTOR NO 1 CYL ASSEMBLY OD20392 2 PC 11,000.00 22,00 50 PIPE, INJECTOR NO 1 CYL ASSEMBLY OD20392 2 PC 11,000.00 22,00 51 PIPE, INJECTOR NO 1 CYL ASSEMBLY OD20392 2 PC 12,000.00 24,00 51 PIPE, INJECTOR NO 1 CYL ASSEMBLY OD20392 2 PC 12,000.00 22,00 52 STARTER MOTOR OZ 12,555 MBLY OD20392 2 PC 12,000.00 22,555 DPE, INJECTOR NO 3 CYL ASSEMBLY OD20393 2 PC 11,600.00 22,555 DPE, INJECTOR NO 3 CYL ASSEMBLY OD20393 2 PC 12,500.00 150,00 53 TURBOCHARGER ASSEMBLY OD20393 2 PC 12,500.00 150,00 54 ACTUATOR, WOODWARD TYPE 1724 8256-016 2 PC 2,500.00 150,00 55 CONTROLLER, GOVERNOR 8290-191 3 PC 85,000.00 050,00 56 COOLING IET, PISTON ASSEMBLY OE50355 6 PC     | 22 | PISTON AND LINER KIT                    | KRP1261   | 18   | PC          | 54,000.00  | 972,000.00   |
| 24 SPRING, VALVE OUTER OE42300 18 PC 1,500.00 27,00 25 SPRING, VALVE INNER OE42301 18 PC 1,500.00 27,00 26 SPRING, VALVE INNER CHH OE49260 18 PC 1,500.00 27,00 27 SPRING, VALVE INNER EXH OE49261 18 PC 1,500.00 27,00 28 SEAL, FRONT C/SHAFT OE50254 3 PC 3,200.00 9,60 29 ALTERNATOR, CHARGE 24VDC OD20798 2 PC 78,000.00 156,00 30 SWITCH, TEMPERATURE 106 DEG. C CH12893 5 PC 2,340.00 11,70 31 SWITCH, OIL PRESSURE 18 PSI CH12894 5 PC 73,400.00 36,70 32 SOLENOID (24V) OE52318 2 PC 38,450.00 76,90 33 CLEVIS ASSEMBLY OE52495 2 PC 16,6600.00 33,20 34 PUMP ASSEMBLY, COOLANT OE51145 2 PC 29,200.00 58,40 35 RING, SEALING 1,450 DIA 5745119 12 PC 500.00 6,00 36 RING, SEALING OE48311 6 PC 120.00 77 37 THERMOSTAT OE4854 2 PC 7,520.00 15,04 38 CONE, REAR OE2789 2 PC 10,000.00 20,00 39 CONE, FRONT OE46297 2 PC 7,320.00 36,00 40 LEVER & BALL JOINT ASSEMBLY OD2392 12 PC 3,000.00 36,00 41 INJECTOR ASSEMBLY OD2392 12 PC 3,000.00 36,00 42 PIPE, BIPLI ASSEMBLY OD2392 12 PC 1,000.00 22,00 43 PIPE, INJECTOR SPILL ASSEMBLY OD2392 12 PC 1,000.00 22,00 44 PIPE, INJECTOR SPILL ASSEMBLY OD2393 2 PC 11,000.00 22,00 45 PIPE, INJECTOR SPILL ASSEMBLY OD2393 2 PC 11,000.00 22,00 46 PIPE, INJECTOR SPILL ASSEMBLY OD2393 2 PC 11,000.00 22,00 47 PIPE, INJECTOR SPILL ASSEMBLY OD2393 2 PC 11,000.00 22,00 48 PIPE, INJECTOR SPILL ASSEMBLY OD2393 2 PC 11,000.00 22,00 49 PIPE, INJECTOR OF CYL ASSEMBLY OD2393 2 PC 11,000.00 22,00 50 PIPE, INJECTOR NO 3 CYL ASSEMBLY OD2393 2 PC 11,000.00 22,00 51 PIPE, INJECTOR NO 3 CYL ASSEMBLY OD2393 2 PC 11,000.00 22,50 52 STARTER MOTOR OD21858/2 2 PC 75,000.00 16,00 53 TURBOCHARGER ASSEMBLY OD2393 2 PC 11,000.00 22,50 54 ACUATOR, WOODWARD TYPE 1724 8256-016 2 PC 2,500.00 150,00 55 CONTROLLER, GOVERNOR 8290-191 3 PC 85,000.00 255,00 56 COOLING LET, PISTON ASSEMBLY OE5035 6 PC 2,500.00 150,00 58 RADIATOR ASSEMBLY OE5035 6 PC 2,500.00 150,00 58 RADIATOR ASSEMBLY OE5035 6 PC 2,500.00 150,00 58 RADIATOR ASSEMBLY OE5035 3 PC 300,000.00 90,000  | 23 | OVERHAUL KIT, BOTTOM                    | KRP1263   | 3  | PC          |  | 186,750.00   |
| 26 SPRING, VALVE INNER EXH OE49260 18 PC 1,500.00 27,00 27 SPRING, VALVE OUTER EXH OE49261 18 PC 1,500.00 27,00 28 SEAL, FRONT C/SHAFT OE50254 3 PC 3,200.00 9,60 29 ALTERNATOR, CHARGE 24VDC OD20798 2 PC 78,000.00 156,00 30 SWITCH, TEMPERATURE 106 DEG. C CH12893 5 PC 2,340.00 11,70 31 SWITCH, OIL PRESSURE 18 PSI CH12894 5 PC 7,340.00 36,70 32 SOLENOID (24V) OE52318 2 PC 38,450.00 76,90 33 CLEVIS ASSEMBLY OE52495 2 PC 16,600.00 33,20 34 PUMP ASSEMBLY, OE51445 2 PC 29,200.00 58,40 35 RING, SEALING ASSEMBLY OE4954 2 PC 10,000.00 73 36 RING, SEALING OE48311 6 PC 120.00 73 37 THERMOSTAT OE4954 2 PC 7,520.00 15,04 38 CONE, REAR OE2789 2 PC 10,000.00 20,00 39 CONE, REAR OE2789 2 PC 7,320.00 14,64 40 LEVER & BALL JOINT ASSEMBLY OD21343 3 PC 11,800.00 35,40 41 INJECTOR ASSEMBLY OD2392 12 PC 3,000.00 36,00 42 PIPE, SIPILL ASSEMBLY OD2392 12 PC 3,000.00 36,00 43 PIPE, INJECTOR SPILL ASSEMBLY OD2391 2 PC 11,000.00 22,00 44 PIPE, INJECTOR SPILL ASSEMBLY OD2392 2 PC 11,000.00 22,00 45 PIPE, INJECTOR SPILL ASSEMBLY OD2399 2 PC 11,000.00 22,00 46 PIPE, INJECTOR SPILL ASSEMBLY OD2399 2 PC 11,000.00 22,00 47 PIPE, INJECTOR NO 1 CYL ASSEMBLY OD2399 2 PC 11,000.00 22,00 48 PIPE, INJECTOR NO 1 CYL ASSEMBLY OD2399 2 PC 11,000.00 22,00 49 PIPE, INJECTOR NO 3 CYL ASSEMBLY OD2399 2 PC 11,000.00 22,00 49 PIPE, INJECTOR NO 3 CYL ASSEMBLY OD2399 2 PC 11,000.00 22,00 50 PIPE, INJECTOR NO 4 CYL ASSEMBLY OD2399 2 PC 11,000.00 22,00 51 PIPE, INJECTOR NO 5 CYL ASSEMBLY OD2399 2 PC 11,000.00 22,00 51 PIPE, INJECTOR NO 5 CYL ASSEMBLY OD2399 2 PC 11,000.00 22,00 52 STARTER MOTOR OD21858/2 2 PC 75,000.00 150,00 53 TURBOCHARGER ASSEMBLY OD2399 2 PC 12,000.00 24,00 54 ACTUATOR, WODDWARD TYPE 1724 8256-016 2 PC 25,000.00 150,00 55 CONTROLLER, GYENDAR SEMBLY OE50535 6 PC 2,500.00 56 COOLING JET, PCTOR SEMBLY OE50535 6 PC 2,500.00 57 RADIATOR ASSEMBLY OE50571 3 PC 25,000.00 750,00 58 RADIATOR ASSEMBLY OE50535 3 PC 300,000.00 90.00  | 24 | SPRING, VALVE OUTER                     | OE42300   | 18   | PC          | 1,500.00   | 27,000.00    |
| 26 SPRING, VALVE INNER EXH OE49260 18 PC 1,500.00 27,00 27 SPRING, VALVE OUTER EXH OE49261 18 PC 1,500.00 27,00 28 SEAL, FRONT C/SHAFT OE50254 3 PC 3,200.00 9,60 29 ALTERNATOR, CHARGE 24VDC OD20798 2 PC 78,000.00 156,00 30 SWITCH, TEMPERATURE 106 DEG. C CH12893 5 PC 2,340.00 11,70 31 SWITCH, OIL PRESSURE 18 PSI CH12894 5 PC 7,400.00 36,70 32 SOLENOID (24V) OE52318 2 PC 38,450.00 76,90 33 CLEVIS ASSEMBLY OE52495 2 PC 16,600.00 33,20 34 PUMP ASSEMBLY OE51495 2 PC 16,600.00 33,20 35 RING, SEALING STATISTISTISTISTISTISTISTISTISTISTISTISTIST   | 25 |   | OE42301   | 18   |             | <del></del>                                      | 27,000.00    |
| 27 SPRING, VALVE OUTER EXH OE49261 18 PC 1,500.00 27,00 28 SEAL, FRONT C/SHAFT OE50254 3 PC 3,200.00 9,60 29 ALTERNATOR, CHARGE 24VDC OD20798 2 PC 78,000.00 156,00 30 SWITCH, TEMPERATURE 106 DEG. C CH12893 5 PC 2,340.00 11,70 31 SWITCH, OIL PRESSURE 18 PSI CH12894 5 PC 7,340.00 36,70 32 SQLENDID (24V) OE52318 2 PC 38,450.00 76,90 33 CLEVIS ASSEMBLY OE52495 2 PC 16,600.00 33,20 34 PUMP ASSEMBLY, COOLANT OE51145 2 PC 29,200.00 58,40 35 RING, SEALING OE48311 6 PC 120.00 77 37 THERMOSTAT OE49554 2 PC 7,520.00 15,04 38 CONE, REAR OE2789 2 PC 10,000.00 20,00 39 CONE, FRONT OE46297 2 PC 7,320.00 14,64 40 LEVER & BALL JOINT ASSEMBLY OD21343 3 PC 11,800.00 35,40 41 IINJECTOR ASSEMBLY OD2362 18 PC 17,100.00 36,00 42 PIPE, SPILL ASSEMBLY OD2392 12 PC 3,000.00 36,00 43 PIPE, ASSEMBLY OD2362 18 PC 17,100.00 36,00 44 PIPE, SPILL ASSEMBLY OD20362 18 PC 17,100.00 20,00 44 PIPE, INJECTOR SPILL ASSEMBLY OD20388 2 PC 11,000.00 22,00 44 PIPE, INJECTOR SPILL ASSEMBLY OD20389 2 PC 11,000.00 22,00 45 PIPE, PUMP SPILL ASSEMBLY OD20389 2 PC 11,000.00 22,00 46 PIPE, INJECTOR SPILL ASSEMBLY OD20389 2 PC 11,000.00 22,00 47 PIPE, INJECTOR SPILL ASSEMBLY OD20389 2 PC 11,000.00 22,00 48 PIPE, INJECTOR SPILL ASSEMBLY OD20399 2 PC 11,000.00 22,00 49 PIPE, INJECTOR SPILL ASSEMBLY OD20389 2 PC 11,000.00 22,00 49 PIPE, INJECTOR NO 1 CYL ASSEMBLY OD20399 2 PC 11,000.00 22,00 49 PIPE, INJECTOR NO 1 CYL ASSEMBLY OD20399 2 PC 11,000.00 22,00 50 PIPE, INJECTOR NO 5 CYL ASSEMBLY OD20399 2 PC 11,000.00 22,00 51 PIPE, INJECTOR NO 5 CYL ASSEMBLY OD20399 2 PC 11,260.00 25,20 52 STARTER MOTOR OD21858/2 2 PC 75,000.00 150.00 53 TURBOCHARGER ASSEMBLY OE50571 3 PC 250,000.00 750,00 55 CONTROLLER, GOVERNOR 2590-501 3 PC 250,000.00 750,00 58 RADIATOR ASSEMBLY OE50571 3 PC 250,000.00 750,00 58 RADIATOR ASSEMBLY OE50571 3 PC 250,000.00 750,00 58 RADIATOR ASSEMBLY OE50571 3 PC 250,000.00 750,00   | 26 | SPRING, VALVE INNER EXH                 | OE49260   | 18   | PC          |  | 27,000.00    |
| 28 SEAL, FRONT C/SHAFT  29 ALTERNATOR, CHARGE 24VDC  29 OD20798  2 PC  78,000.00  156,00  30 SWITCH, TEMPERATURE 106 DEG. C  CH12893  5 PC  2,340.00  11,70  31 SWITCH, OIL PRESSURE 18 PSI  CH12894  5 PC  7,340.00  36,70  32 SOLENOID (24V)  OE52318  2 PC  38,450.00  76,90  33 CLEVIS ASSEMBLY  OE52495  2 PC  16,600.00  33,20  34 PUMP ASSEMBLY, COOLANT  OE51145  2 PC  29,200.00  58,40  36 RING, SEALING 1.450 DIA  ST45119  12 PC  500.00  6,00  36 RING, SEALING  OE48311  6 PC  120.00  72  37 THERMOSTAT  OE49554  2 PC  7,520.00  15,04  38 CONE, REAR  OE2789  2 PC  7,720.00  14,64  40 LEVER & BALL JOINT ASSEMBLY  OD20362  18 PC  7,700.00  36,00  37,80  41 INJECTOR ASSEMBLY  OD20362  18 PC  11,000.00  36,00  37,80  44 PIPE, SPILL ASSEMBLY  OD20392  12 PC  11,000.00  24,00  44 PIPE, PUMP SPILL ASSEMBLY  OD20388  2 PC  11,000.00  22,00  45 PIPE, PUMP SPILL ASSEMBLY  OD20388  2 PC  11,000.00  22,00  48 PIPE, INJECTN NO 1 CYL ASSEMBLY  OD20389  2 PC  11,000.00  22,00  48 PIPE, INJECTN NO 3 CYL ASSEMBLY  OD20391  2 PC  11,000.00  22,00  48 PIPE, INJECTN NO 3 CYL ASSEMBLY  OD20389  2 PC  11,000.00  22,00  48 PIPE, INJECTN NO 3 CYL ASSEMBLY  OD20390  2 PC  11,000.00  22,00  48 PIPE, INJECTN NO 3 CYL ASSEMBLY  OD20391  2 PC  11,000.00  22,00  48 PIPE, INJECTN NO 3 CYL ASSEMBLY  OD20392  2 PC  11,000.00  22,00  48 PIPE, INJECTN NO 5 CYL ASSEMBLY  OD20393  2 PC  11,000.00  22,00  51 PIPE, INJECTN NO 5 CYL ASSEMBLY  OD20390  2 PC  11,000.00  22,00  51 PIPE, INJECTN NO 6 CYL ASSEMBLY  OD20391  2 PC  11,000.00  22,00  51 PIPE, INJECTN NO 6 CYL ASSEMBLY  OD20392  2 PC  11,000.00  22,00  53 TURBOCHARGER ASSEMBLY  OD20393  2 PC  12,000.00  24,00  25,50  52 STARTER MOTOR  OE21858/2  PC  53,000.00  55,00  56 RADIATOR ASSEMBLY  OE50571  3 PC  30,000.00  90,000  | 27 | SPRING, VALVE OUTER EXH                 | OE49261   | 18   | PC          |  | 27,000.00    |
| 29 ALTERNATOR, CHARGE 24VDC  30 SWITCH, TEMPERATURE 106 DEG. C  CH12893  | 28 | SEAL, FRONT C/SHAFT                     | OE50254   | 3  | PC          | ·  | 9,600.00     |
| 30 SWITCH, TEMPERATURE 106 DEG. C CH12893 5 PC 2,340.00 11,70 31 SWITCH, OIL PRESSURE 18 PSI CH12894 5 PC 7,340.00 36,70 32 SQLENOID (24V) OE52318 2 PC 38,450.00 76,90 33 CLEVIS ASSEMBLY OE52495 2 PC 16,600.00 33,20 34 PUMP ASSEMBLY, COOLANT OE51145 2 PC 29,200.00 58,40 35 RING, SEALING 1,450 DIA 5745119 12 PC 500.00 6,00 36 RING, SEALING 0 OE48311 6 PC 120.00 72 37 THERMOSTAT OE49554 2 PC 7,520.00 15,04 38 CONE, REAR OE2789 2 PC 10,000.00 20,00 39 CONE, FRONT OE46297 2 PC 7,320.00 14,64 40 LEVER & BALL JOINT ASSEMBLY OD20362 18 PC 17,100.00 307,80 41 INJECTOR ASSEMBLY OD20362 18 PC 17,100.00 307,80 42 PIPE, SPILL ASSEMBLY OD20362 18 PC 17,100.00 307,80 43 PIPE, ASSEMBLY SPILL OD20726 2 PC 11,000.00 24,00 44 PIPE, INJECTOR SPILL ASSEMBLY OD20300 2 PC 11,000.00 22,00 45 PIPE, PUMP SPILL ASSEMBLY OD20301 2 PC 9,180.00 18,36 46 PIPE, INJECTOR SPILL ASSEMBLY OD20301 2 PC 9,180.00 18,36 47 PIPE, INJECTOR SPILL ASSEMBLY OD20301 2 PC 9,180.00 18,36 48 PIPE, INJECTOR SPILL ASSEMBLY OD20301 2 PC 9,180.00 22,00 49 PIPE, INJECTOR SPILL ASSEMBLY OD20399 2 PC 11,000.00 22,00 49 PIPE, INJECTOR SPILL ASSEMBLY OD20391 2 PC 11,000.00 22,00 49 PIPE, INJECTOR SPILL ASSEMBLY OD20391 2 PC 11,000.00 22,00 50 PIPE, INJECTOR NO 3 CYL ASSEMBLY OD20391 2 PC 11,000.00 22,00 51 PIPE, INJECTOR NO 4 CYL ASSEMBLY OD20391 2 PC 11,000.00 22,00 51 PIPE, INJECTOR OD 6 CYL ASSEMBLY OD20391 2 PC 11,000.00 23,60 50 PIPE, INJECTOR OD 6 CYL ASSEMBLY OD20391 2 PC 11,000.00 23,60 51 PIPE, INJECTOR OD 6 CYL ASSEMBLY OD20391 2 PC 11,000.00 23,60 51 PIPE, INJECTOR OD 6 CYL ASSEMBLY OD20391 2 PC 12,600.00 25,20 52 STARTER MOTOR OD21858/2 2 PC 75,000.00 150,00 53 TURBOCHARGER ASSEMBLY OE50535 6 PC 2,500.00 750,00 55 RADIATOR ASSEMBLY OE50535 6 PC 2,500.00 750,00 58 RADIATOR ASSEMBLY OE50435 3 PC 300,000.00 900.00  | 29 | ALTERNATOR, CHARGE 24VDC                | OD20798   | +  | PC          | 78,000.00  | 156,000.00   |
| 31 SWITCH, OIL PRESSURE 18 PSI CH12894 5 PC 7,340.00 36,70 32 SOLENOID (24V) 0E52318 2 PC 38,450.00 76,90 33 CLEVIS ASSEMBLY 0E52318 2 PC 38,450.00 76,90 34 PUMP ASSEMBLY, COOLANT 0E51145 2 PC 29,200.00 58,40 35 RING, SEALING 1.450 DIA 5T45119 12 PC 500.00 6,00 36 RING, SEALING 0E48311 6 PC 120.00 72 37 THERMOSTAT 0E49554 2 PC 7,520.00 15,04 38 CONE, REAR 0E2789 2 PC 10,000.00 20,00 39 CONE, FRONT 0E46297 2 PC 7,320.00 14,64 40 LEVER & BALL JOINT ASSEMBLY 0D21343 3 PC 11,800.00 35,40 41 INJECTOR ASSEMBLY 0D2362 18 PC 17,100.00 307,80 42 PIPE, SPILL ASSEMBLY 0D20362 18 PC 17,100.00 36,00 43 PIPE, ASSEMBLY 0D20300 2 PC 12,000.00 24,00 44 PIPE, INJECTOR SPILL ASSEMBLY 0D20301 2 PC 12,000.00 24,00 45 PIPE, INJECTOR SPILL ASSEMBLY 0D20301 2 PC 9,180.00 18,36 46 PIPE, INJECTOR SPILL ASSEMBLY 0D20388 2 PC 10,780.00 21,56 47 PIPE, INJECTOR NO 1 CYL ASSEMBLY 0D20389 2 PC 11,000.00 22,00 48 PIPE, INJECTOR NO 3 CYL ASSEMBLY 0D20399 2 PC 11,000.00 22,55 49 PIPE, INJECTOR NO 3 CYL ASSEMBLY 0D20391 2 PC 11,000.00 22,55 50 PIPE, INJECTOR NO 5 CYL ASSEMBLY 0D20391 2 PC 11,000.00 22,55 51 PIPE, INJECTOR NO 5 CYL ASSEMBLY 0D20392 2 PC 11,000.00 22,55 52 STARTER MOTOR 0D21858/2 2 PC 75,000.00 150,00 53 TURBOCHARGER ASSEMBLY 0E50535 6 PC 2,500.00 150,00 55 RADIATOR ASSEMBLY 0E50535 6 PC 2,500.00 750,00 58 RADIATOR ASSEMBLY 1650KW) 0E50571 3 PC 300,000.00 900,00  | 30 | SWITCH, TEMPERATURE 106 DEG. C          | CH12893   | 5  | PC          |  | 11,700.00    |
| 32 SOLENOID (24V)  | 31 | SWITCH, OIL PRESSURE 18 PSI             | CH12894   | 5  | PC          | <del>                                     </del> | 36,700.00    |
| 33 CLEVIS ASSEMBLY OE5249S 2 PC 16,600.00 33,20 34 PUMP ASSEMBLY, COOLANT OE51145 2 PC 29,200.00 58,40 35 RING, SEALING 1.450 DIA ST45119 12 PC 500.00 6,00 36 RING, SEALING OE48311 6 PC 120.00 72 37 THERMOSTAT OE49554 2 PC 7,520.00 15,00 38 CONE, REAR OE2789 2 PC 10,000.00 20,00 39 CONE, FRONT OE46297 2 PC 7,320.00 14,64 40 LEVER & BALL JOINT ASSEMBLY OD21343 3 PC 11,800.00 35,40 41 INJECTOR ASSEMBLY OD2362 18 PC 17,100.00 307,80 42 PIPE, SPILL ASSEMBLY OD2392 12 PC 3,000.00 36,00 43 PIPE, ASSEMBLY OD2392 12 PC 3,000.00 36,00 44 PIPE, INJECTOR SPILL ASSEMBLY OD20300 2 PC 11,000.00 22,00 45 PIPE, INJECTOR SPILL ASSEMBLY OD20301 2 PC 9,180.00 18,36 46 PIPE, INJICTN NO 1 CYL ASSEMBLY OD20388 2 PC 11,000.00 21,56 47 PIPE, INJICTN NO 2 CYL ASSEMBLY OD20390 2 PC 11,000.00 22,50 48 PIPE, INJICTN NO 3 CYL ASSEMBLY OD20390 2 PC 11,000.00 22,50 48 PIPE, INJICTN NO 3 CYL ASSEMBLY OD20390 2 PC 11,000.00 22,50 49 PIPE, INJICTN NO 3 CYL ASSEMBLY OD20390 2 PC 11,000.00 22,50 49 PIPE, INJICTN NO 3 CYL ASSEMBLY OD20390 2 PC 11,000.00 22,50 50 PIPE, INJICTN NO 5 CYL ASSEMBLY OD20391 2 PC 11,000.00 22,55 51 PIPE, INJICTN NO 5 CYL ASSEMBLY OD20391 2 PC 11,600.00 23,60 52 STARTER MOTOR OD21858/2 2 PC 75,000.00 150,00 53 TURBOCHARGER ASSEMBLY OE50635 6 PC 2,500.00 150,00 54 ACTUATOR, WOODWARD TYPE 1724 8256-016 2 PC 2,500.00 150,00 55 RADIATOR ASSEMBLY OE50535 6 PC 2,500.00 750,00 58 RADIATOR ASSEMBLY (163KW) OE50535 3 PC 300,000.00 90,000  | 32 | SOLENOID (24V)                          |           | 2  |             |  | 76,900.00    |
| 34 PUMP ASSEMBLY, COOLANT 0E51145 2 PC 29,200.00 58,40 35 RING, SEALING 1.450 DIA ST45119 12 PC 500.00 6,00 36 RING, SEALING 0E48311 6 PC 120.00 72 37 THERMOSTAT 0E49554 2 PC 7,520.00 15,04 38 CONE, REAR 0E2789 2 PC 10,000.00 20,00 39 CONE, FRONT 0E46297 2 PC 7,320.00 14,64 40 LEVER & BALL JOINT ASSEMBLY 0D21343 3 PC 11,800.00 35,40 41 INJECTOR ASSEMBLY 0D20362 18 PC 17,100.00 307,80 42 PIPE, SPILL ASSEMBLY 0D2092 12 PC 3,000.00 36,00 43 PIPE, SPILL ASSEMBLY 0D20726 2 PC 12,000.00 24,00 44 PIPE, INJECTOR SPILL ASSEMBLY 0D20301 2 PC 11,000.00 22,00 45 PIPE, PUMP SPILL ASSEMBLY 0D20301 2 PC 9,180.00 18,36 46 PIPE, INJECTOR SPILL ASSEMBLY 0D20388 2 PC 10,780.00 22,00 47 PIPE, INJECTOR SPILL ASSEMBLY 0D20388 2 PC 11,000.00 22,00 48 PIPE, INJECTOR NO 1 CYL ASSEMBLY 0D20389 2 PC 11,000.00 22,00 48 PIPE, INJECTOR NO 3 CYL ASSEMBLY 0D20390 2 PC 11,000.00 22,00 48 PIPE, INJECTOR NO 4 CYL ASSEMBLY 0D20391 2 PC 11,860.00 22,52 49 PIPE, INJECTOR NO 4 CYL ASSEMBLY 0D20391 2 PC 11,860.00 22,52 50 PIPE, INJECTOR NO 5 CYL ASSEMBLY 0D20391 2 PC 11,860.00 22,52 51 PIPE, INJECTOR NO 5 CYL ASSEMBLY 0D20391 2 PC 11,800.00 23,60 51 PIPE, INJECTOR NO 5 CYL ASSEMBLY 0D20391 2 PC 12,100.00 24,20 52 STARTER MOTOR 0D21858/2 2 PC 75,000.00 150,00 53 TURBOCHARGER ASSEMBLY 0E50642/1 2 PC 83,000.00 166,00 54 ACTUATOR, WOODWARD TYPE 1724 8256-016 2 PC 5,500.00 150,00 55 CONTROLLER, GOVERNOR 8290-191 3 PC 85,000.00 255,00 56 COOLING JET, PISTOR ASSEMBLY 0E50535 6 PC 2,500.00 750,00 58 RADIATOR ASSEMBLY 165KW) 0E50571 3 PC 250,000.00 750,00 58 RADIATOR ASSEMBLY (260KW) 0E50435 3 PC 300,000.00 900,00   | 33 | CLEVIS ASSEMBLY                         | OE52495   | 2  |             | <del></del>                                      | 33,200.00    |
| 35   RING, SEALING 1.450 DIA   ST45119   12   PC   500.00   6,00   36   RING, SEALING   OE48311   6   PC   120.00   72   37   THERMOSTAT   OE49554   2   PC   7,520.00   15,04   38   CONE, REAR   OE2789   2   PC   10,000.00   20,00   39   CONE, FRONT   OE46297   2   PC   7,320.00   14,64   40   LEVER & BALL JOINT ASSEMBLY   OD21343   3   PC   11,800.00   35,40   41   INJECTOR ASSEMBLY   OD20362   18   PC   17,100.00   307,80   42   PIPE, SPILL ASSEMBLY   OD20362   18   PC   17,100.00   36,00   43   PIPE, ASSEMBLY   OD20392   12   PC   3,000.00   36,00   44   PIPE, INJECTOR SPILL ASSEMBLY   OD20300   2   PC   11,000.00   22,00   45   PIPE, INJECTOR SPILL ASSEMBLY   OD20301   2   PC   9,180.00   18,36   46   PIPE, INJECTOR SPILL ASSEMBLY   OD20301   2   PC   9,180.00   21,56   47   PIPE, INJECTOR NO 1 CYL ASSEMBLY   OD20388   2   PC   10,780.00   21,56   47   PIPE, INJECTOR NO 2 CYL ASSEMBLY   OD20389   2   PC   11,260.00   22,52   49   PIPE, INJECTOR NO 3 CYL ASSEMBLY   OD20390   2   PC   11,260.00   22,52   49   PIPE, INJECTOR NO 4 CYL ASSEMBLY   OD20391   2   PC   11,260.00   22,52   49   PIPE, INJECTOR NO 5 CYL ASSEMBLY   OD20391   2   PC   11,260.00   23,60   PIPE, INJECTOR NO 5 CYL ASSEMBLY   OD20393   2   PC   12,600.00   23,60   50   PIPE, INJECTOR NO 5 CYL ASSEMBLY   OD20393   2   PC   12,600.00   25,20   52   STARTER MOTOR   OD21858/2   2   PC   75,000.00   25,20   52   STARTER MOTOR   OD21858/2   2   PC   83,000.00   166,00   53   TURBOCHARGER ASSEMBLY   OE50642/1   2   PC   85,000.00   255,00   55   RADIATOR ASSEMBLY   OE50531   6   PC   2,500.00   75,00   55   RADIATOR ASSEMBLY   OE50531   3   PC   250,000.00   75,00   58   RADIATOR ASSEMBLY   OE50535   3   PC   300,000.00   90,000   58   PC   2,500.00   75,000   58   RADIATOR ASSEMBLY   OE50535   3   PC   300,000.00   90,000   58   PC   2,500.00   75,000   58   RADIATOR ASSEMBLY   OE50535   3   PC   300,000.00   90,000   90,000   90,000   90,000   90,000   90,000   90,000   90,000   90,000   90,000   90,000   90,000   90,000   90,000   90,000   90,       | 34 | PUMP ASSEMBLY, COOLANT                  |           |  |             | <del></del>                                      | 58,400.00    |
| 36 RING, SEALING OE48311 6 PC 120.00 72 37 THERMOSTAT OE49554 2 PC 7,520.00 15,04 38 CONE, REAR OE2789 2 PC 10,000.00 20,00 39 CONE, FRONT OE46297 2 PC 7,320.00 14,64 40 LEVER & BALL JOINT ASSEMBLY OD21343 3 PC 11,800.00 35,464 41 INJECTOR ASSEMBLY OD20362 18 PC 17,100.00 307,80 42 PIPE, SPILL ASSEMBLY OD2392 12 PC 3,000.00 36,00 43 PIPE, ASSEMBLY SPILL OD20726 2 PC 12,000.00 24,00 44 PIPE, INJECTOR SPILL ASSEMBLY OD20300 2 PC 11,000.00 22,00 45 PIPE, INJECTOR SPILL ASSEMBLY OD20301 2 PC 9,180.00 18,36 46 PIPE, INJECTOR SPILL ASSEMBLY OD20301 2 PC 10,780.00 21,56 47 PIPE, INJECTN NO 1 CYL ASSEMBLY OD20388 2 PC 10,780.00 21,56 48 PIPE, INJECTN NO 3 CYL ASSEMBLY OD20399 2 PC 11,000.00 22,00 48 PIPE, INJECTN NO 3 CYL ASSEMBLY OD20390 2 PC 11,000.00 22,50 49 PIPE, INJECTN NO 3 CYL ASSEMBLY OD20391 2 PC 11,800.00 22,55 50 PIPE, INJECTN NO 4 CYL ASSEMBLY OD20391 2 PC 11,800.00 22,55 51 PIPE, INJECTN NO 5 CYL ASSEMBLY OD20391 2 PC 11,800.00 23,60 50 PIPE, INJECTN NO 5 CYL ASSEMBLY OD20391 2 PC 11,800.00 23,60 51 PIPE, INJECTN NO 5 CYL ASSEMBLY OD20391 2 PC 11,800.00 23,60 52 STARTER MOTOR OD21858/2 2 PC 75,000.00 150,00 53 TURBOCHARGER ASSEMBLY OE50642/1 2 PC 83,000.00 166,00 54 ACTUATOR, WOODWARD TYPE 1724 8256-016 2 PC 65,655.00 131,31 55 CONTROLLER, GOVERNOR 8290-191 3 PC 85,000.00 255,00 56 COOLING JET, PISTON ASSEMBLY OE50535 6 PC 2,500.00 750,00 58 RADIATOR ASSEMBLY (260KW) OE50435 3 PC 300,000.00 900,00   | 35 | RING, SEALING 1.450 DIA                 | ST45119   |  |             | <del></del>                                      | 6,000.00     |
| 37         THERMOSTAT         OE49554         2         PC         7,520.00         15,04           38         CONE, REAR         OE2789         2         PC         10,000.00         20,00           39         CONE, FRONT         OE46297         2         PC         7,320.00         14,64           40         LEVER & BALL JOINT ASSEMBLY         OD21343         3         PC         11,800.00         35,44           41         INJECTOR ASSEMBLY         OD20362         18         PC         17,100.00         307,80           42         PIPE, SPILL ASSEMBLY         OD20392         12         PC         3,000.00         36,00           43         PIPE, ASSEMBLY SPILL         OD20726         2         PC         12,000.00         24,00           44         PIPE, INJECTOR SPILL ASSEMBLY         OD20300         2         PC         11,000.00         22,00           45         PIPE, BUMP SPILL ASSEMBLY         OD20301         2         PC         11,000.00         22,50           46         PIPE, INJCTN NO 1 CYL ASSEMBLY         OD20388         2         PC         11,000.00         22,50           47         PIPE, INJCTN NO 2 CYL ASSEMBLY         OD20390         2         PC<  | 36 |   |           |  | PC          |  | 720.00       |
| 38   | 37 | THERMOSTAT                              | OE49554   | +  |             | <del>                                     </del> | 15,040.00    |
| 39   CONE, FRONT   OE46297   2   PC   7,320.00   14,64   40   LEVER & BALL JOINT ASSEMBLY   OD21343   3   PC   11,800.00   35,40   41   INJECTOR ASSEMBLY   OD20362   18   PC   17,100.00   307,80   42   PIPE, SPILL ASSEMBLY   OD2392   12   PC   3,000.00   36,00   43   PIPE, ASSEMBLY SPILL   OD20726   2   PC   12,000.00   24,00   44   PIPE, INJECTOR SPILL ASSEMBLY   OD20300   2   PC   11,000.00   22,00   45   PIPE, PUMP SPILL ASSEMBLY   OD20301   2   PC   9,180.00   18,36   46   PIPE, INJECTN NO 1 CYL ASSEMBLY   OD20388   2   PC   10,780.00   21,56   47   PIPE, INJECTN NO 2 CYL ASSEMBLY   OD20389   2   PC   11,000.00   22,00   48   PIPE, INJECTN NO 3 CYL ASSEMBLY   OD20390   2   PC   11,260.00   22,52   49   PIPE, INJECTN NO 4 CYL ASSEMBLY   OD20391   2   PC   11,800.00   23,60   50   PIPE, INJECTN NO 5 CYL ASSEMBLY   OD20392   2   PC   12,100.00   24,20   51   PIPE, INJECTN NO 6 CYL ASSEMBLY   OD20393   2   PC   12,600.00   25,20   52   STARTER MOTOR   OD21858/2   PC   75,000.00   150,00   53   TURBOCHARGER ASSEMBLY   OE50642/1   2   PC   83,000.00   166,00   54   ACTUATOR, WOODWARD TYPE 1724   8256-016   2   PC   65,655.00   131,31   55   CONTROLLER, GOVERNOR   8290-191   3   PC   85,000.00   255,00   56   COOLING JET, PISTON ASSEMBLY   OE50535   6   PC   2,500.00   750,00   57   RADIATOR ASSEMBLY   OE50571   3   PC   250,000.00   750,00   58   RADIATOR ASSEMBLY   OE50435   3   PC   300,000.00   900,00  | 38 | CONE, REAR                              | OE2789    | 2  |             | ·  | 20,000.00    |
| 40 LEVER & BALL JOINT ASSEMBLY OD21343 3 PC 11,800.00 35,40 41 INJECTOR ASSEMBLY OD20362 18 PC 17,100.00 307,80 42 PIPE, SPILL ASSEMBLY OD2392 12 PC 3,000.00 36,00 43 PIPE, ASSEMBLY SPILL OD20726 2 PC 12,000.00 24,00 44 PIPE, INJECTOR SPILL ASSEMBLY OD20300 2 PC 11,000.00 22,00 45 PIPE, PUMP SPILL ASSEMBLY OD20301 2 PC 9,180.00 18,36 46 PIPE, INJCTN NO 1 CYL ASSEMBLY OD20388 2 PC 10,780.00 21,56 47 PIPE, INJCTN NO 2 CYL ASSEMBLY OD20389 2 PC 11,000.00 22,00 48 PIPE, INJCTN NO 3 CYL ASSEMBLY OD20390 2 PC 11,260.00 22,52 49 PIPE, INJCTN NO 4 CYL ASSEMBLY OD20391 2 PC 11,800.00 23,50 50 PIPE, INJCTN NO 5 CYL ASSEMBLY OD20391 2 PC 11,800.00 23,60 51 PIPE, INJCTN NO 6 CYL ASSEMBLY OD20392 2 PC 12,100.00 24,20 51 PIPE, INJCTN NO 6 CYL ASSEMBLY OD20393 2 PC 12,600.00 25,20 52 STARTER MOTOR OD21858/2 2 PC 75,000.00 150,00 53 TURBOCHARGER ASSEMBLY OE50642/1 2 PC 83,000.00 156,00 54 ACTUATOR, WOODWARD TYPE 1724 8256-016 2 PC 85,000.00 255,00 55 CONTROLLER, GOVERNOR 8290-191 3 PC 85,000.00 255,00 56 COOLING JET, PISTON ASSEMBLY OE50535 6 PC 2,500.00 750,00 57 RADIATOR ASSEMBLY (163KW) OE50571 3 PC 250,000.00 750,00 58 RADIATOR ASSEMBLY (260KW) OE50435 3 PC 300,000.00 900,00  | 39 |   | OE46297   | 2  |             | <del> </del>                                     | 14,640.00    |
| 41 INJECTOR ASSEMBLY OD20362 18 PC 17,100.00 307,80 42 PIPE, SPILL ASSEMBLY OD2392 12 PC 3,000.00 36,00 43 PIPE, ASSEMBLY SPILL OD20726 2 PC 12,000.00 24,00 44 PIPE, INJECTOR SPILL ASSEMBLY OD20300 2 PC 11,000.00 22,00 45 PIPE, PUMP SPILL ASSEMBLY OD20301 2 PC 9,180.00 18,36 46 PIPE, INJECTOR NO 1 CYL ASSEMBLY OD20388 2 PC 10,780.00 21,56 47 PIPE, INJECTOR NO 2 CYL ASSEMBLY OD20389 2 PC 11,000.00 22,00 48 PIPE, INJECTOR NO 3 CYL ASSEMBLY OD20389 2 PC 11,000.00 22,52 49 PIPE, INJECTOR NO 4 CYL ASSEMBLY OD20390 2 PC 11,260.00 22,52 49 PIPE, INJECTOR NO 5 CYL ASSEMBLY OD20391 2 PC 11,800.00 23,60 50 PIPE, INJECTOR NO 5 CYL ASSEMBLY OD20392 2 PC 12,100.00 24,20 51 PIPE, INJECTOR NO 6 CYL ASSEMBLY OD20393 2 PC 12,600.00 25,20 52 STARTER MOTOR OD21858/2 2 PC 75,000.00 150,00 53 TURBOCHARGER ASSEMBLY OE50642/1 2 PC 83,000.00 166,00 54 ACTUATOR, WOODWARD TYPE 1724 8256-016 2 PC 85,000.00 255,00 55 CONTROLLER, GOVERNOR 8290-191 3 PC 85,000.00 255,00 56 COOLING JET, PISTON ASSEMBLY OE50535 6 PC 2,500.00 750,00 57 RADIATOR ASSEMBLY (163KW) OE50571 3 PC 250,000.00 750,00 58 RADIATOR ASSEMBLY (260KW) OE50435 3 PC 300,000.00 900,00  | 40 | LEVER & BALL JOINT ASSEMBLY             | OD21343   | 3  | PC          | <del></del>                                      | 35,400.00    |
| 42         PIPE, SPILL ASSEMBLY         OD2392         12         PC         3,000.00         36,00           43         PIPE, ASSEMBLY SPILL         OD20726         2         PC         12,000.00         24,00           44         PIPE, INJECTOR SPILL ASSEMBLY         OD20300         2         PC         11,000.00         22,00           45         PIPE, PUMP SPILL ASSEMBLY         OD20301         2         PC         9,180.00         18,36           46         PIPE, INJCTN NO 1 CYL ASSEMBLY         OD20388         2         PC         10,780.00         21,56           47         PIPE, INJCTN NO 2 CYL ASSEMBLY         OD20389         2         PC         11,000.00         22,52           48         PIPE, INJCTN NO 3 CYL ASSEMBLY         OD20390         2         PC         11,260.00         22,52           49         PIPE, INJCTN NO 4 CYL ASSEMBLY         OD20391         2         PC         11,800.00         23,60           50         PIPE, INJCTN NO 5 CYL ASSEMBLY         OD20392         2         PC         12,100.00         24,20           51         PIPE, INJCTN NO 6 CYL ASSEMBLY         OD20393         2         PC         12,600.00         25,20           52         STARTER MOTOR   | 41 | INJECTOR ASSEMBLY                       | OD20362   | 18   |             |  | 307,800.00   |
| 43         PIPE, ASSEMBLY SPILL         OD20726         2         PC         12,000.00         24,00           44         PIPE, INJECTOR SPILL ASSEMBLY         OD20300         2         PC         11,000.00         22,00           45         PIPE, PUMP SPILL ASSEMBLY         OD20301         2         PC         9,180.00         18,36           46         PIPE, INJCTN NO 1 CYL ASSEMBLY         OD20388         2         PC         10,780.00         21,56           47         PIPE, INJCTN NO 2 CYL ASSEMBLY         OD20389         2         PC         11,000.00         22,00           48         PIPE, INJCTN NO 3 CYL ASSEMBLY         OD20390         2         PC         11,260.00         22,52           49         PIPE, INJCTN NO 4 CYL ASSEMBLY         OD20391         2         PC         11,800.00         23,60           50         PIPE, INJCTN NO 5 CYL ASSEMBLY         OD20392         2         PC         12,100.00         24,20           51         PIPE, INJCTN NO 6 CYL ASSEMBLY         OD20393         2         PC         12,600.00         25,20           52         STARTER MOTOR         OD21858/2         2         PC         75,000.00         150,00           54         ACTUATOR, WOODWARD TYPE  | 42 | PIPE, SPILL ASSEMBLY                    | OD2392    | 12   | PC          | 3,000.00   | 36,000.00    |
| 44         PIPE, INJECTOR SPILL ASSEMBLY         OD20300         2         PC         11,000.00         22,00           45         PIPE, PUMP SPILL ASSEMBLY         OD20301         2         PC         9,180.00         18,36           46         PIPE, INJCTN NO 1 CYL ASSEMBLY         OD20388         2         PC         10,780.00         21,56           47         PIPE, INJCTN NO 2 CYL ASSEMBLY         OD20389         2         PC         11,000.00         22,00           48         PIPE, INJCTN NO 3 CYL ASSEMBLY         OD20390         2         PC         11,260.00         22,52           49         PIPE, INJCTN NO 4 CYL ASSEMBLY         OD20391         2         PC         11,800.00         23,60           50         PIPE, INJCTN NO 5 CYL ASSEMBLY         OD20392         2         PC         12,600.00         24,20           51         PIPE, INJCTN NO 6 CYL ASSEMBLY         OD20393         2         PC         12,600.00         25,20           52         STARTER MOTOR         OD21858/2         2         PC         75,000.00         150,00           53         TURBOCHARGER ASSEMBLY         OE50642/1         2         PC         83,000.00         166,00           54         ACTUATOR, WOODWARD T   | 43 | PIPE, ASSEMBLY SPILL                    | OD20726   |  | -           | <del>                                     </del> | 24,000.00    |
| 45 PIPE, PUMP SPILL ASSEMBLY OD20301 2 PC 9,180.00 18,36 46 PIPE, INJCTN NO 1 CYL ASSEMBLY OD20388 2 PC 10,780.00 21,56 47 PIPE, INJCTN NO 2 CYL ASSEMBLY OD20389 2 PC 11,000.00 22,00 48 PIPE, INJCTN NO 3 CYL ASSEMBLY OD20390 2 PC 11,260.00 22,52 49 PIPE, INJCTN NO 4 CYL ASSEMBLY OD20391 2 PC 11,800.00 23,60 50 PIPE, INJCTN NO 5 CYL ASSEMBLY OD20392 2 PC 12,100.00 24,20 51 PIPE, INJCTN NO 6 CYL ASSEMBLY OD20393 2 PC 12,600.00 25,20 52 STARTER MOTOR OD21858/2 2 PC 75,000.00 150,00 53 TURBOCHARGER ASSEMBLY OE50642/1 2 PC 83,000.00 166,00 54 ACTUATOR, WOODWARD TYPE 1724 8256-016 2 PC 65,655.00 131,31 55 CONTROLLER, GOVERNOR 8290-191 3 PC 85,000.00 255,00 56 COOLING JET, PISTON ASSEMBLY OE50535 6 PC 2,500.00 15,00 57 RADIATOR ASSEMBLY (163KW) OE50571 3 PC 250,000.00 900,00 58 RADIATOR ASSEMBLY (260KW) OE50435 3 PC 300,000.00 900,00   | 44 | PIPE, INJECTOR SPILL ASSEMBLY           | OD20300   | 2  | PC          |  | 22,000.00    |
| 46         PIPE, INJCTN NO 1 CYŁ ASSEMBLY         OD20388         2         PC         10,780.00         21,56           47         PIPE, INJCTN NO 2 CYŁ ASSEMBLY         OD20389         2         PC         11,000.00         22,00           48         PIPE, INJCTN NO 3 CYŁ ASSEMBLY         OD20390         2         PC         11,260.00         22,52           49         PIPE, INJCTN NO 4 CYŁ ASSEMBŁY         OD20391         2         PC         11,800.00         23,60           50         PIPE, INJCTN NO 5 CYŁ ASSEMBŁY         OD20392         2         PC         12,100.00         24,20           51         PIPE, INJCTN NO 6 CYŁ ASSEMBŁY         OD20393         2         PC         12,600.00         25,20           52         STARTER MOTOR         OD21858/2         2         PC         75,000.00         150,00           53         TURBOCHARGER ASSEMBŁY         OE50642/1         2         PC         83,000.00         166,00           54         ACTUATOR, WOODWARD TYPE 1724         8256-016         2         PC         65,655.00         131,31           55         CONTROLLER, GOVERNOR         8290-191         3         PC         85,000.00         255,00           56         COOLING JET, PISTON A   | 45 | PIPE, PUMP SPILL ASSEMBLY               | OD20301   |  | PC          |  | 18,360.00    |
| 47         PIPE, INJCTN NO 2 CYL ASSEMBLY         OD20389         2         PC         11,000.00         22,00           48         PIPE, INJCTN NO 3 CYL ASSEMBLY         OD20390         2         PC         11,260.00         22,52           49         PIPE, INJCTN NO 4 CYL ASSEMBLY         OD20391         2         PC         11,800.00         23,60           50         PIPE, INJCTN NO 5 CYL ASSEMBLY         OD20392         2         PC         12,100.00         24,20           51         PIPE, INJCTN NO 6 CYL ASSEMBLY         OD20393         2         PC         12,600.00         25,20           52         STARTER MOTOR         OD21858/2         2         PC         75,000.00         150,00           53         TURBOCHARGER ASSEMBLY         OE50642/1         2         PC         83,000.00         166,00           54         ACTUATOR, WOODWARD TYPE 1724         8256-016         2         PC         65,655.00         131,31           55         CONTROLLER, GOVERNOR         8290-191         3         PC         85,000.00         255,00           56         COOLING JET, PISTON ASSEMBLY         OE50535         6         PC         2,500.00         750,00           57         RADIATOR ASSEMBLY (260K   | 46 | PIPE, INJCTN NO 1 CYL ASSEMBLY          | OD20388   | 2  | PC          | 10,780.00  | 21,560.00    |
| 48         PIPE, INJCTN NO 3 CYL ASSEMBLY         OD20390         2         PC         11,260.00         22,52           49         PIPE, INJCTN NO 4 CYL ASSEMBLY         OD20391         2         PC         11,800.00         23,60           50         PIPE, INJCTN NO 5 CYL ASSEMBLY         OD20392         2         PC         12,100.00         24,20           51         PIPE, INJCTN NO 6 CYL ASSEMBLY         OD20393         2         PC         12,600.00         25,20           52         STARTER MOTOR         OD21858/2         2         PC         75,000.00         150,00           53         TURBOCHARGER ASSEMBLY         OE50642/1         2         PC         83,000.00         166,00           54         ACTUATOR, WOODWARD TYPE 1724         8256-016         2         PC         65,655.00         131,31           55         CONTROLLER, GOVERNOR         8290-191         3         PC         85,000.00         255,00           56         COOLING JET, PISTON ASSEMBLY         OE50535         6         PC         2,500.00         750,00           57         RADIATOR ASSEMBLY (163KW)         OE50435         3         PC         300,000.00         900,00           58         RADIATOR ASSEMBLY (260KW)<   | 47 | PIPE, INJCTN NO 2 CYL ASSEMBLY          | OD20389   | 2  | PC          |  | 22,000.00    |
| 49         PIPE, INJCTN NO 4 CYL ASSEMBLY         OD20391         2         PC         11,800.00         23,60           50         PIPE, INJCTN NO 5 CYL ASSEMBLY         OD20392         2         PC         12,100.00         24,20           51         PIPE, INJCTN NO 6 CYL ASSEMBLY         OD20393         2         PC         12,600.00         25,20           52         STARTER MOTOR         OD21858/2         2         PC         75,000.00         150,00           53         TURBOCHARGER ASSEMBLY         OE50642/1         2         PC         83,000.00         166,00           54         ACTUATOR, WOODWARD TYPE 1724         8256-016         2         PC         65,655.00         131,31           55         CONTROLLER, GOVERNOR         8290-191         3         PC         85,000.00         255,00           56         COOLING JET, PISTON ASSEMBLY         OE50535         6         PC         2,500.00         15,00           57         RADIATOR ASSEMBLY (163KW)         OE50435         3         PC         300,000.00         900,00           58         RADIATOR ASSEMBLY (260KW)         OE50435         3         PC         300,000.00         900,00   | 48 | PIPE, INJCTN NO 3 CYL ASSEMBLY          | OD20390   | <del>•                                      </del> | PC          |  | 22,520.00    |
| 51         PIPE, INJCTN NO 6 CYL ASSEMBLY         OD20393         2         PC         12,600.00         25,20           52         STARTER MOTOR         OD21858/2         2         PC         75,000.00         150,00           53         TURBOCHARGER ASSEMBLY         OE50642/1         2         PC         83,000.00         166,00           54         ACTUATOR, WOODWARD TYPE 1724         8256-016         2         PC         65,655.00         131,31           55         CONTROLLER, GOVERNOR         8290-191         3         PC         85,000.00         255,00           56         COOLING JET, PISTON ASSEMBLY         OE50535         6         PC         2,500.00         15,00           57         RADIATOR ASSEMBLY (163KW)         OE50571         3         PC         250,000.00         750,00           58         RADIATOR ASSEMBLY (260KW)         OE50435         3         PC         300,000.00         900,00   | 49 | PIPE, INJCTN NO 4 CYL ASSEMBLY          | OD20391   | 2  | PC          | <del></del>                                      | 23,600.00    |
| 51         PIPE, INJCTN NO 6 CYL ASSEMBLY         OD20393         2         PC         12,600.00         25,20           52         STARTER MOTOR         OD21858/2         2         PC         75,000.00         150,00           53         TURBOCHARGER ASSEMBLY         OE50642/1         2         PC         83,000.00         166,00           54         ACTUATOR, WOODWARD TYPE 1724         8256-016         2         PC         65,655.00         131,31           55         CONTROLLER, GOVERNOR         8290-191         3         PC         85,000.00         255,00           56         COOLING JET, PISTON ASSEMBLY         OE50535         6         PC         2,500.00         15,00           57         RADIATOR ASSEMBLY (163KW)         OE50571         3         PC         250,000.00         750,00           58         RADIATOR ASSEMBLY (260KW)         OE50435         3         PC         300,000.00         900,00   | 50 | PIPE, INJCTN NO 5 CYL ASSEMBLY          | OD20392   | 2  | PC          | 12,100.00  | 24,200.00    |
| 52         STARTER MOTOR         OD21858/2         2         PC         75,000.00         150,00           53         TURBOCHARGER ASSEMBLY         OE50642/1         2         PC         83,000.00         166,00           54         ACTUATOR, WOODWARD TYPE 1724         8256-016         2         PC         65,655.00         131,31           55         CONTROLLER, GOVERNOR         8290-191         3         PC         85,000.00         255,00           56         COOLING JET, PISTON ASSEMBLY         OE50535         6         PC         2,500.00         15,00           57         RADIATOR ASSEMBLY (163KW)         OE50571         3         PC         250,000.00         750,00           58         RADIATOR ASSEMBLY (260KW)         OE50435         3         PC         300,000.00         900,00  | 51 | PIPE, INJCTN NO 6 CYL ASSEMBLY          | OD20393   | 2  | PC          | 12,600.00  | 25,200.00    |
| 53         TURBOCHARGER ASSEMBLY         OE50642/1         2         PC         83,000.00         166,00           54         ACTUATOR, WOODWARD TYPE 1724         8256-016         2         PC         65,655.00         131,31           55         CONTROLLER, GOVERNOR         8290-191         3         PC         85,000.00         255,00           56         COOLING JET, PISTON ASSEMBLY         OE50535         6         PC         2,500.00         15,00           57         RADIATOR ASSEMBLY (163KW)         OE50571         3         PC         250,000.00         750,00           58         RADIATOR ASSEMBLY (260KW)         OE50435         3         PC         300,000.00         900,00   | 52 | STARTER MOTOR                           | OD21858/2 | <del></del>  | PC          | 75,000.00  | 150,000.00   |
| 54         ACTUATOR, WOODWARD TYPE 1724         8256-016         2         PC         65,655.00         131,31           55         CONTROLLER, GOVERNOR         8290-191         3         PC         85,000.00         255,00           56         COOLING JET, PISTON ASSEMBLY         OE50535         6         PC         2,500.00         15,00           57         RADIATOR ASSEMBLY (163KW)         OE50571         3         PC         250,000.00         750,00           58         RADIATOR ASSEMBLY (260KW)         OE50435         3         PC         300,000.00         900,00  | 53 | TURBOCHARGER ASSEMBLY                   | OE50642/1 | +  | PC          |  | 166,000.00   |
| 56         COOLING JET, PISTON ASSEMBLY         OE50535         6         PC         2,500.00         15,00           57         RADIATOR ASSEMBLY (163KW)         OE50571         3         PC         250,000.00         750,00           58         RADIATOR ASSEMBLY (260KW)         OE50435         3         PC         300,000.00         900,00  |    | ACTUATOR, WOODWARD TYPE 1724            | 8256-016  | 2  | PC          |  | 131,310.00   |
| 56         COOLING JET, PISTON ASSEMBLY         OE50535         6         PC         2,500.00         15,00           57         RADIATOR ASSEMBLY (163KW)         OE50571         3         PC         250,000.00         750,00           58         RADIATOR ASSEMBLY (260KW)         OE50435         3         PC         300,000.00         900,00  | 55 |   |           | 3  | PC          | 85,000.00  | 255,000.00   |
| 57         RADIATOR ASSEMBLY (163KW)         OE50571         3         PC         250,000.00         750,00           58         RADIATOR ASSEMBLY (260KW)         OE50435         3         PC         300,000.00         900,00  |    |   | OE50535   |  |             | <del></del>                                      | 15,000.00    |
| 58 RADIATOR ASSEMBLY (260KW) 0E50435 3 PC 300,000.00 900,00  |    |   |           | <del></del>  | <del></del> | · · · · · · · · · · · · · · · · · · ·            | 750,000.00   |
|  | 58 | <u> </u>                                |           | •  | •——         | <del> </del>                                     | 900,000.00   |
| 101AL1 0.205.33  |    | • | · ·       |  |             | TOTAL  | 6,203,990.00 |

PACKAGE IV: PR NO. 51-MQN24-011: PMS and Security Spare Parts for 250kW FG-WILSON, Engine Model: 1606A-E93TAG4, Engine No. WU5529P

| ITEM | DESCRIPTION                 | PART NO.    | Q  | ΓY       | UNIT PRICE  | TOTAL PRICE |
|------|-----------------------------|-------------|----|----------|-------------|-------------|
| 1    | GASKET                      | 10000-61681 | 4  | PC       | 19,700.00   | 78,800.00   |
| 2    | CYLINDER HEAD GASKET        | 10000-60360 | 4  | PC       | 23,000.00   | 92,000.00   |
| 3    | KIT SEAL                    | 10000-60363 | 24 | ъ¢       | 2,490.00    | 59,760.00   |
| 4    | GASKET - INDUCTION MANIFOLD | 10000-60419 | 4  | PC       | 3,150.00    | 12,600.00   |
| 5    | SEAL                        | 10000-60425 | 4  | PC       | 1,500.00    | 6,000.00    |
| 6    | GASKET                      | 10000-60426 | 4  | PC       | 1,500.00    | 6,000.00    |
| 7    | VALVE STEM SEAL             | 10000-60351 | 96 | PC       | 570.00      | 54,720.00   |
| - 8  | GASKET - TURBOCHARGER       | 10000-60428 | 4  | PC       | 1,200.00    | 4,800.00    |
| 9    | JOINT                       | 908-359     | 4  | PC       | 260.00      | 1,040.00    |
| 10   | GASKET - EXHAUST MANIFOLD   | 10000-60440 | 4  | PC       | 1,250.00    | 5,000.00    |
| 11   | SLEEVE                      | 10000-60347 | 12 | PC       | 7,000.00    | 84,000.00   |
| 12   | KEY                         | 10000-60348 | 96 | PC       | 180.00      | 17,280.00   |
| 13   | ROTATOR                     | 10000-60349 | 48 | PC       | 950.00      | 45,600.00   |
| 14   | VALVE SEAT INSERT           | 10000-60353 | 24 | PC       | 1,520.00    | 36,480.00   |
| 15   | INTAKE VALVE                | 10000-60354 | 24 | PC       | 2,730.00    | 65,520.00   |
| 16   | INSERT EXHAUST VALVE        | 10000-60355 | 24 | PC       | 1,530.00    | 36,720.00   |
| 17   | EXHAUST VALVE               | 10000-60356 | 24 | PC       | 2,730.00    | 65,520.00   |
| 18   | SLEEVE                      | 10000-60357 | 12 | PC       | 2,150.00    | 25,800.00   |
| 19   | SUMP GAGSKET                | 10000-60234 | 3  | PC       | 10,000.00   | 30,000.00   |
| 20   | PISTON RING KIT             | 10000-60341 | 18 | PC       | 20,800.00   | 374,400.00  |
| 21   | BIG END BEARING KIT         | 10000-47145 | 18 | PC       | 2,500.00    | 45,000.00   |
| 22   | PUSH ROD                    | 10000-60194 | 24 | PC       | 4,500.00    | 108,000.00  |
| 23   | TAPPET                      | 10000-45566 | 24 | PC       | 3,300.00    | 79,200.00   |
| 24   | GUIDE                       | 905-123     | 12 | PC       | 3,350,00    | 40,200.00   |
| 25   | VALVE GUIDE                 | 10000-60352 | 48 | PC       | 2,730.00    | 131,040.00  |
| 26   | INJECTOR KIT                | 10000-60362 | 18 | PC       | 54,300.00   | 977,400.00  |
| 27   | SEAL - REAR END OIL         | 10000-60190 | 3  | PC       | 9,500.00    | 28,500.00   |
| 28   | MAIN BEARING KIT            | 10000-60188 | 18 | PC       | 4,300.00    | 77,400.00   |
| 29   | MAIN BEARING KIT THRUST     | 10000-60189 | 3  | PC       | 5,200.00    | 15,600.00   |
| 30   | SEAL - O RING               | 10000-64916 | 3  | PC       | 1,380.00    | 4,140.00    |
| 31   | SEAL                        | 10000-60207 | 3  | PC       | 1,500.00    | 4,500.00    |
| 32   | SEAL - TIMING CASE COVER    | 10000-60217 | 3  | PC       | 5,060.00    | 15,180.00   |
| 33   | SEAL - TIMING CASE COVER    | 10000-60218 | 3  | PC       | 720,00      | 2,160.00    |
| 34   | SEAL - TIMING CASE COVER    | 10000-60219 | 3  | PC       | 620.00      | 1,860.00    |
| 35   | SEAL - TIMING CASE COVER    | 10000-60220 | 3  | PC       | 1,035.00    | 3,105.00    |
| 36   | SEAL - TIMING CASE COVER    | 10000-60221 | 3  | PC       | 930.00      | 2,790.00    |
| 37   | SEAL - TIMING CASE COVER    | 10000-60223 | 3  | PC       | 9,105.00    | 27,315.00   |
| 38   | SEAL - TIMING CASE COVER    | 10000-60224 | 3  | PC       | 2,500.00    | 7,500.00    |
| 39   | GASKET FLYWHEEL HOUSING     | 10000-60278 | 3  | PC       | 3,000.00    | 9,000.00    |
| 40   | GASKET - FUEL FILTER        | 10000-60303 | 3  | PC       | 1,500.00    | 4,500.00    |
| 41   | GASKET - FUEL FILTER        | 10000-60323 | 3  | PC       | 1,500.00    | 4,500.00    |
| 42   | CAMSHAFT BUSH SET           | 10000-60331 | 3  | PC       | 3,005.00    | 9,015.00    |
| 43   | PISTON AND LINER KIT        | 10000-60337 | 18 | PC       | 52,720.00   | 948,960.00  |
| 44   | SEAL - CAMSHAFT             | 10000-60342 | 3  | PC       | 4,150.00    | 12,450.00   |
| 45   | WASHER                      | 902-120     | 3  | PC       | 100.00      | 300.00      |
| 46   | WOODRUFF KEY                | 989-299     | 3  | PC       | 300.00      | 900.00      |
| 47   | SEAL - OIL FRONT END        | 10000-13299 | 3  | PC       | 4,500.00    | 13,500.00   |
| 48   | SEAL - WATER PUMP           | 10000-13293 | 3  | PC       | 890.00      | 2,670.00    |
| 49   | SEAL - BREATHER             | 10000-60373 | 3  | PC       | 3,100.00    | 9,300.00    |
| 50   | SEAL - OIL PUMP             | 10000-60381 | 3  | PC       | 1,500.00    | 4,500.00    |
| 51   | SEAL - OIL PUMP             | 10000-60380 | 3  | PC       | 1,500.00    | 4,500.00    |
| 52   | GASKET KIT                  | 10000-60401 | 3  | PC       | 8,205.00    | 24,615.00   |
| 53   | VALVE SPRING                | 10000-60350 | 48 | PC       | 4,200.00    | 201,600.00  |
| 54   | BOLT, METRIC                | 974-318     | +  | PC       | 4,200.00    |             |
| 55   | CONNECTING ROD ASSEMBLY     | 10000-52739 | 6  | ·        | <del></del> | 1,500.00    |
| 56   | ROCKER SHAFT ASSEMBLY       | 10000-52739 | +  | PC<br>PC | 38,560.00   | 231,360.00  |
|      | THERMOSTAT ASSEMBLY         | 10000-60193 | 2  | +        | 120,000.00  | 240,000.00  |
| 57   | PHEWAIOSINI WODEIAIDEL      | 10000-60202 | 3  | PC       | 8,800.00    | 26,400.00   |

| 58       | WATER OUTLET CONNECTION     | 10000-60284 | 2  | PC | 4,500.00   | 9,000.00     |
|----------|-----------------------------|-------------|----|----|------------|--------------|
| 59       | DRIVE, BELT TENSIONER       | 10000-60211 | 2  | PC | 33,000.00  | 66,000.00    |
| 60       | TIMING COVER                | 10000-60222 | 1  | PC | 48,290.00  | 48,290.00    |
| 61       | SUMP                        | 10000-61234 | 1  | PC | 39,500.00  | 39,500.00    |
| 62       | HARNESS, WIRING             | 10000-60246 | 3  | PC | 75,200.00  | 225,600.00   |
| 63       | SENSOR, INJECTOR CONTROL    | 10000-60265 | 6  | PC | 44,500.00  | 267,000.00   |
| <b>]</b> | PRESSURE_                   |             |    |    |            |              |
| 64       | SENSOR, OIL PRESSURE ENGINE | 10000-60269 | 12 | PC | 15,280.00  | 183,360.00   |
| 65       | SENSOR, TEMPERATURE AIR,    | 10000-60271 | 6  | PC | 3,070.00   | 18,420.00    |
|          | SENSOR KIT                  |             |    |    |            |              |
| • 66     | SENSOR, AIR PRESSURE        | 10000-60273 | 6  | PC | 11,550.00  | 69,300.00    |
| 67       | SENSOR TEMPERATURE          | 10000-60267 | 12 | РC | 4,510.00   | 54,120.00    |
| 68       | SENSOR CRANKSHAFT POSITION  | 10000-60263 | 6  | PC | 15,000.00  | 90,000.00    |
| 69       | SENSOR CAMSHAFT POSITION    | 10000-60261 | 6  | PC | 12,000.00  | 72,000.00    |
| 70       | WATER TEMPERATURE SENSOR    | 10000-60313 | 6  | PC | 13,750.00  | 82,500.00    |
| 71       | FUEL INJECTION PUMP HIGH    | 10000-60282 | 2  | PC | 120,000.00 | 240,000.00   |
|          | PRESSURE                    |             |    | 1  | -          |              |
| 72       | FUEL LIFT PUMP              | 10000-42443 | 2  | PC | 11,000.00  | 22,000.00    |
| 73       | PIPE FUEL HOSE              | 10000-60291 | 5  | PC | 5,000.00   | 25,000.00    |
| 74       | FUEL FILTER ASSEMBLY        | 10000-60300 | 2  | PC | 23,200.00  | 46,400.00    |
| 75       | PIPE FUEL                   | 10000-60304 | 5  | PC | 7,020.00   | 35,100.00    |
| 76       | CHECK VALVE INLET PIPE      | 10000-60315 | 5  | PC | 15,000.00  | 75,000.00    |
| 77       | STRAINER ASSEMBLY           | 10000-60318 | 5  | PC | 3,450.00   | 17,250.00    |
| 78       | PRESSURE VALVE              | 10000-60322 | 5  | PC | 7,000.00   | 35,000.00    |
| 79       | FUEL PIPE                   | 10000-60305 | 5  | PC | 2,030.00   | 10,150.00    |
| 80       | CYLINDER HEAD ASSEMBLY      | 10000-60346 | 1  | PC | 468,000.00 | 468,000.00   |
| 81       | CYLINDER HEAD BOLT          | 10000-60361 | 26 | PC | 330.00     | 8,580.00     |
| 82       | INJECTOR CLAMP              | 10000-60364 | 12 | PC | 1,600.00   | 19,200.00    |
| 83       | TEEPIECE                    | 10000-60384 | 2  | PC | 2,170.00   | 4,340.00     |
| 84       | DAMPER                      | 10000-60385 | 2  | PC | 41,200.00  | 82,400.00    |
| 85       | HUB                         | 10000-60386 | 2. | PC | 50,000.00  | 100,000.00   |
| 86       | WATER PUMP KIT              | 10000-60387 | 2  | PC | 16,600.00  | 33,200.00    |
| 87       | PULLEY, WATER PUMP          | 10000-60389 | 2  | PC | 2,600.00   | 5,200.00     |
| 88       | COOLING JET, PISTON         | 10000-60343 | 6  | PC | 2,660.00   | 15,960.00    |
| 89       | BREATHER                    | 10000-60365 | 2  | PC | 57,200.00  | 114,400.00   |
| 90       | OIL PUMP                    | 10000-60379 | 2  | PC | 53,800.00  | 107,600.00   |
| 91       | OIL COOLER KIT              | 10000-60391 | 2  | PC | 24,430.00  | 48,860.00    |
| 92       | HOSE - COOLANT              | 10000-70527 | 5  | PC | 5,000.00   | 25,000.00    |
| 93       | REGULATOR VALVE PRESSURE    | 10000-60408 | 2  | PC | 7,000.00   | 14,000.00    |
| 94       | VALVE THERMAL ASSEMBLY      | 10000-60415 | 2  | PC | 5,550,00   | 11,100.00    |
| 95       | TURBOCHARGER                | 10000-60427 | 1  | PC | 165,000.00 | 165,000.00   |
| 96       | MANIFOLD, EXHAUST           | 10000-60438 | 1  | PC | 14,410.00  | 14,410.00    |
| 97       | EXHAUST MANIFOLD            | 10000-60439 | 1  | PC | 13,500.00  | 13,500.00    |
| 98       | FAN BLADE                   | 10000-63062 | 1  | PC | 60,000.00  | 60,000.00    |
|          |                             |             |    |    | TOTAL      | 7,464,240.00 |

# PACKAGE V: PR NO. S1-MQN24-012: PMS and Security Spare Parts for 410kW FG-WILSON, Engine Model: 2506A-E15TAG3, Engine No. MGDF7150

| ITEM | DESCRIPTION               | PART NO. | QTY |    | UNIT PRICE | TOTAL PRICE |
|------|---------------------------|----------|-----|----|------------|-------------|
| 1    | TOP JOINT AND GASKET KIT  | KRP1546  | 3   | PC | 41,450.00  | 124,350.00  |
| 2    | VALVE, INTAKE             | CH11021  | 24  | PC | 3,120.00   | 74,880.00   |
| . 3  | VALVE, EXHAUST            | CH11022  | 24  | PC | 3,120.00   | 74,880.00   |
| 4    | IINLET VALVE SEAT         | CH10731  | 24  | PC | 2,600.00   | 62,400.00   |
| 5    | EXHAUST VALVE SEAT INSERT | CH10732  | 24  | PC | 2,600.00   | 62,400.00   |
| 6    | WASHER                    | CH10716  | 48  | PC | 260.00     | 12,480.00   |
| 7    | COLLET, VALVE             | CH10019  | 96  | PC | 312.00     | 29,952.00   |
| 8    | SEAT                      | CH10715  | 48  | PC | 312.00     | 14,976.00   |
| 9    | SLEEVE                    | CH11311  | 12  | PC | 470.00     | 5,640.00    |

| 10       | SEAL, O RING             | CH10620   | 3 1 | PC | 210.00      | 630.00     |
|----------|--------------------------|-----------|-----|----|-------------|------------|
| 11       | SEAL, O RING             | CH10612   | 3   | PC | 440.00      | 1,320.00   |
| 12       | SEAL, O RING             | CH10587   | 3   | PC | 1,430.00    | 4,290.00   |
| 13       | SEAL                     | CH11352   | 3   | PC | 5,000.00    | 15,000.00  |
| 14       | GASKET, TURBOCHARGER     | CH11471   | 3   | PC | 3,000.00    | 9,000.00   |
| 15       | SEAL, O RING             | CH11614   | 3   | PC | 1,450.00    | 4,350.00   |
| 16       | CLAMP                    | CH12794   | 6   | PC | 1,000.00    | 6,000.00   |
| 17       | RING KIT, PISTON         | KRP3018   | 12  | PC | 6,500.00    | 78,000.00  |
| 18       | PISTON KIT               | KRP3030   | 12  | PC | 40,100.00   | 481,200.00 |
| 19       | GUIDE, VALVE             | CH10724   | 48  | PC | 1,300.00    | 62,400.00  |
| 20       | SLEEVE                   | CH10708   | 12  | PC | 2,300.00    | 27,600.00  |
| 21       | BEARING KIT, BIG END     | KRP3016   | 2   | PC | 36,400.00   | 72,800.00  |
| 22       | INJECTOR EXCHANGE        | R/CH11945 | 12  | PC | <del></del> |            |
| 23       | SEAL, SUMP               | CH11846   | 2   | PC | 57,200.00   | 686,400.00 |
| 24       | LINER, CYLINDER          | CH11180   | 12  |    | 5,660.00    | 11,320.00  |
|          | BAND                     |           | +   | PC | 15,170.00   | 182,040.00 |
| 25       |                          | CH10673   | 12  | PC | 460.00      | 5,520.00   |
| 26       | OIL SEAL                 | CH10674   | 12  | PC | 990.00      | 11,880.00  |
| 27       | OIL SEAL                 | CH10677   | 12  | PC | 1,872.00    | 22,464.00  |
| 28       | OIL SEAL                 | CH11179   | 12  | PC | 970.00      | 11,640.00  |
| 29       | SEAL, FRONT END OIL      | CH11379   | 2   | PC | 7,800.00    | 15,600.00  |
| 30       | BEARING KIT, MAIN        | KRP3122   | 2   | PC | 30,680.00   | 61,360.00  |
| 31       | BUSH, CAMSHAFT           | CH11228   | 14  | PC | 2,950.00    | 41,300.00  |
| 32       | GASKET, TIMING CASE      | CH10829   | 2   | PC | 6,560.00    | 13,120.00  |
| 33       | SEAL, REAR END OIL       | CH11304   | 2   | PC | 8,200.00    | 16,400.00  |
| 34       | SEAL, O RING             | CH11102   | 2   | PC | 600.00      | 1,200.00   |
| 35       | SEAL                     | CH10769   | 2   | PC | 1,000.00    | 2,000.00   |
| 36       | SEAL, O RING             | CH10544   | 4   | PC | 600.00      | 2,400.00   |
| 37       | GASKET                   | CH10579   | 2   | PC | 1,000.00    | 2,000.00   |
| 38       | SEAL, O RING             | CH10766   | 2   | PC | 450.00      | 900.00     |
| 39       | SEAL, THERMOSTAT HOUSING | CH10770   | 2   | PC | 500,00      | 1,000.90   |
| 40       | SEAL, THERMOSTAT HOUSING | CH10056   | 4   | PC | 500.00      | 2,000.00   |
| 41       | SEAL, O RING             | CH10755   | 4   | PC | 450.00      | 1,800.00   |
| 42       | SEAL, O RING             | CH11619   | 2   | PC | 450.00      | 900.00     |
| 43       | OUTER VALVE SPRING       | CH11487   | 48  | PC | 1,200.00    | 57,600.00  |
| 44       | INNER VALVE SPRING       | CH11489   | 48  | PC | 1,200.00    | 57,600.00  |
| 45       | SEAL, O RING             | T400222   | 4   | PC | 450.00      | 1,800.00   |
| 46       | SEAL, O RING             | CH10224   | 4   | PC | 450.00      | 1,800.00   |
| 47       | ARM ASSEMBLY, ROCKER     | T400223   | 12  | PC | 13,100.00   | 157,200.0D |
| 48       | SCREW                    | CH12701   | 12  | PC | 580.00      | 6,960.00   |
| 49       | NUT                      | T400403   | 12  | PC | 250.00      | 3,000.00   |
| 50       | BRIDGE PIECE             | CH12831   | 12  | PC | 4,850.00    | 58,200.00  |
| 51       | ARM ASSEMBLY, ROCKER     | T400224   | 6   | PC | 20,400.00   | 122,400.00 |
| 52       | NUT                      | CH11077   | 6   | PC | 250.00      | 1,500.00   |
| 53       | BOLT                     | CH10566   | 4   | PC | 1,080.00    | 4,320.00   |
| 54       | BUTTON                   | CH11078   | 6   | PC | 2,180.00    | 13,080.00  |
| 55       | BOLT                     | CH10712   | 16  | PC | 3,100.00    | 49,600,00  |
| 56       | WASHER                   | CH10711   | 26  | PC | 400.00      | 10,400.00  |
| 57       | BOLT                     | CH10713   | 10  | PC | 3,020.00    | 30,200.00  |
| 58       | ROD, CONNECTING ASSEMBLY | CH11507   | 6   | PC | 60,200.00   | 361,200.00 |
| 59       | PISTON COOLING JET       | CH11994   | 6   | PC | 9,500.00    | 57,000.00  |
| 60       | PUMP, LIFT               | KRP1721   | 2   | PC | 19,700.00   | 39,400.00  |
| 61       | CLAMP                    | CH10790   | 6   | PC | 5,000.00    | 30,000.00  |
| 62       | STARTER MOTOR            | CH12807   | 2   | PC | 46,000.00   | 92,000.00  |
| 63       | ARM, TENSIONER           | CH11024   | 2   | PC | 31,000.00   | 62,000.00  |
| 64       | TURBOCHARGER             | CH11947   | 2   | PC | 252,000.00  | 504,000.00 |
|          | EXHAUST MANIFOLD         | CH10774   | 2   | PC | 38,300.00   | 76,600.00  |
| 65       |                          |           |     |    |             |            |
| 65<br>66 | MANIFOLD, EXHAUST        | T400179   | 1   | PC | 62,400.00   | 62,400.00  |

| 68 | PIPE LOW PRESSURE FUEL     | CH11328 | 2 | PC   | 3,060.00   | 6,120.00     |
|----|----------------------------|---------|---|------|------------|--------------|
| 69 | PIPE, FUEL                 | CH11000 | 2 | PC   | 2,800.00   | 5,600.00     |
| 70 | PIPE, FUEL                 | CH11001 | 2 | PC   | 2,800.00   | 5,600.00     |
| 71 | FILTER HEAD FUEL           | CH12434 | 1 | PC   | 16,310.00  | 16,310.00    |
| 72 | PUMP, PRIMING              | CH10439 | 2 | PC   | 9,000.00   | 18,000.00    |
| 73 | GASKET                     | CH10008 | 2 | PC   | 890.00     | 1,780.00     |
| 74 | FILTER HOUSING SECONDARY   | CH11096 | 2 | PC   | 7,280.00   | 14,560.00    |
| 75 | HARNESS, WIRING            | CH11985 | 2 | PC   | 53,100.00  | 106,200.00   |
| 76 | SENSOR KIT, OIL PRESSURE   | CH12006 | 6 | PC   | 10,000.00  | 60,000.00    |
| 77 | AIR PRESSURE SENSOR KIT    | KRP1692 | 2 | PC   | 15,000.00  | 30,000.00    |
| 78 | KIT, AIR PRESSURE SENSOR   | KRP1693 | 2 | PC   | 15,000.00  | 30,000.00    |
| 79 | SENSOR, TEMPERATURE        | KRP1688 | 2 | PC   | 5,200.00   | 10,400.00    |
| 80 | SPEED SENSOR               | CH12004 | 2 | PC   | 14,000,00  | 28,000.00    |
| 81 | TEMPERATURE SENSOR         | KRP1687 | 2 | PC ( | 5,200.00   | 10,400.00    |
| 82 | INJECTOR HARNESS           | CH10974 | 2 | PC   | 15,100.00  | 30,200.00    |
| 83 | RADIATOR FOR 2506A-E15TAG3 |         | 1 | ASSY | 350,000.00 | 350,000.00   |
| -  |                            |         |   |      | TOTAL      | 4,906,822.00 |

PACKAGE VI: PR NO. S1-MQN24-013: PMS and Security Spare Parts for 500kW Perkins, Engine Model: 2806C-E16TAG2, Engine No. HGB061306

| ITEM | DESCRIPTION               | PART NO.  | Q  | ГҮ   | UNIT PRICE | TOTAL PRICE |
|------|---------------------------|-----------|----|------|------------|-------------|
| 1    | TOP JOINT AND GASKET KIT  | KRP1546   | 3  | PC   | 41,450.00  | 124,350.00  |
| 2    | SEAT INSERT, VALVE INTAKE | CH10731   | 24 | PC   | 2,600.00   | 62,400.00   |
| 3    | INLET VALVE               | CH11021   | 24 | PC   | 3,120.00   | 74,880.00   |
| 4    | EXHAUST VALVE SEAT        | CH10732   | 24 | PC   | 2,600.00   | 62,400.00   |
| 5    | VALVE, EXHAUST            | CH11022   | 24 | PC   | 3,120.00   | 74,880.00   |
| 6    | WASHER                    | CH10716   | 48 | PC   | 260.00     | 12,480.00   |
| 7    | COTTER                    | CH10019   | 96 | PC   | 312.00     | 29,952.00   |
| 8    | SEAT                      | CH10715   | 48 | PC   | 312.00     | 14,976.00   |
| 9    | INJECTOR SLEEVE           | CH11311   | 12 | PC   | 470.00     | 5,640.00    |
| 10   | SEAL, O RING              | CH10620   | 3  | PC   | 210.00     | 630.00      |
| 11   | SEAL, O RING              | CH10612   | 3  | PC   | 440.00     | 1,320.00    |
| 12   | SEAL, O RING              | CH10587   | 3  | PC   | 1,430.00   | 4,290.00    |
| 13   | SEAL                      | CH10864   | 3  | PC   | 5,000.00   | 15,000.00   |
| 14   | SEAL, O RING              | CH11614   | 3  | PC   | 1,450.00   | 4,350.00    |
| 15   | CLAMP                     | CH12794   | 6  | PC   | 1,000.00   | 6,000.00    |
| 16   | PISTON RING KIT           | KRP1528   | 12 | PC   | 7,100.00   | 85,200.00   |
| 17   | PISTON KIT                | KRP1527   | 12 | PC   | 40,100.00  | 481,200.00  |
| 18   | GUIDE, VALVE              | CH10724   | 48 | PC   | 1,300.00   | 62,400.00   |
| 19   | SEAL, ROCKER BOX COVER    | CH11353   | 2  | PC   | 4,900.00   | 9,800.00    |
| 20   | SLEEVE                    | CH10708   | 12 | PC   | 2,300.00   | 27,600.00   |
| 21   | BIG END BEARING KIT       | KRP3012   | 2  | PC   | 18,650.00  | 37,300.00   |
| 22   | INJECTOR - EXCHANGE       | R/CH10948 | 12 | PC   | 57,200.00  | 686,400.00  |
| 23   | SUMP SEAL                 | CH10887   | 2  | PC   | 5,660.00   | 11,320.00   |
| 24   | CYLINDER LINER            | CH11020   | 12 | PC   | 15,500.00  | 186,000.00  |
| 25   | BAND                      | CH10673   | 12 | PC   | 460.00     | 5,520.00    |
| 26   | SEAL, OIL                 | CH10675   | 12 | PC   | 970.00     | 11,640.00   |
| 27   | OIL SEAL                  | CH10674   | 12 | PC.  | 990.00     | 11,880.00   |
| 28   | OIL SEAL                  | CH10677   | 12 | PC   | 1,872.00   | 22,464.00   |
| 29   | FRONT OIL SEAL            | CH10648   | 2  | PC   | 3,640.00   | 7,280.00    |
| 30   | MAIN BEARING KIT          | KRP3116   | 2  | PC   | 28,000.00  | 56,000.00   |
| 31   | THRUST WASHER KIT         | KRP3206   | 2  | PC   | 15,080.00  | 30,160.00   |
| 32   | SPRING, VALVE OUTER       | CH10781   | 48 | PC   | 1,200.00   | 57,600.00   |
| 33   | SPRING, VALVE INNER       | CH10718   | 48 | PC   | 1,200.00   | 57,600.00   |
| 34   | CAMSHAFT BEARING          | CH11228   | 14 | PC   | 2,950.00   | 41,300.00   |
| 35   | CYLINDER HEAD AND VALVES  | CH11153   | 1  | ASSY | 850,000.00 | 850,000.00  |
| 36   | BOLT                      | CH10712   | 16 | PC   | 3,100.00   | 49,600.00   |

| 37       | ARM ASSEMBLY, ROCKER      | CH11165            | 12       | PC I         | 20,200.00  | 242,400.00             |
|----------|---------------------------|--------------------|----------|--------------|------------|------------------------|
| 38       | SCREW                     | CH11162            | 12       | PC           | 2,300.00   | 27,600.00              |
| 39       | NUT                       | CH10688            | 12       | PC           | 1,000.00   | 12,000.00              |
| 40       | BUTTON                    | CH10689            | 12       | PC           | 2,000.00   | 24,000.00              |
| 41       | BRIDGE                    | CH10680            | 12       | PC           | 5,000.00   | 60,000.00              |
| 42       | ARM ASSEMBLY, ROCKER      | CH11161            | 6        | PC           | 20,200.00  | 121,200.00             |
| 43       | SCREW                     | CH11076            | 6        | PC           | 2,300.00   | 13,800.00              |
| 44       | RING, SNAP                | CH10581            | 1        | PC           | 500.00     | 500.00                 |
| 45       | BALL BEARING              | CH10004            | 2        | PC           | 2,050.00   | 4,100.00               |
| 46       | GEAR, FUEL INJECTION PUMP | CH10592            | 1        | PC           | 26,900.00  | 26,900.00              |
| 47       | O RING                    | CH10590            | 1        | PC           | 1,720.00   | 1,720.00               |
| 48       | ROD, CONNECTING           | CH10605            | 5        | PC           | 67,000.00  | 402,000.00             |
| 49       | COOLING JET, PISTON       | CH10603            | 5        | PC           | 9,500.00   | 57,000.00              |
| 50       | CLAMP                     | CH10790            | 6        | PC           | 5,000.00   | 30,000.00              |
| 51       | PUMP, LIFT                | KRP1555            | 2        | PC           | 19,700.00  | 39,400.00              |
| 52       | WIRING HARNESS            | CH10974            | 2        | PC           | 15,100.00  | 30,200.00              |
| 53       | CORE (FUEL COOLER)        | CH11116            | 2        | PC           | 29,120.00  |                        |
| 54       | HOSE ASSEMBLY             | CH11118            | 2        | PC           | 5,000.00   | 58,240.00              |
| 55       | STARTER MOTOR             | CH11089            | 1 1      | PC           | 67,000.00  | 10,000.00              |
| 56       | BELT TENSIONER            | CH11089            | 1        | PC           |            | 67,000.00<br>31,000.00 |
| 57       | FAN                       | CH11024            | 1        | PC           | 31,000.00  |                        |
| 58       | FAN ADAPTOR               | CH11026            | 1        | PC           | 20,000.00  | 20,000.00              |
| 59       | FAN DRIVE HOUSING         | CH11020            | 1        | PC           | 20,000.00  | 20,000.00              |
| 60       | OIL PUMP                  | CH1091<br>CH10860  |          | <del> </del> | 50,000.00  | 50,000.00              |
| 61       | HEAD, OIL FILTER          | CH10860            | 1        | PC           | 105,800.00 | 105,800.00             |
| 62       | FILTER HOUSING            | KRP1570            | 1        | PC<br>PC     | 21,800.00  | 21,800.00              |
| 63       | COOLER, OIL               | CH10903            | 1        |              | 15,600.00  | 15,600.00              |
| 64       | THERMOSTAT KIT            | KRP1554            | 1        | PC           | 27,000.00  | 27,000.00              |
| 65       | DAMPER                    | ···                | 1        | PC           | 15,000.00  | 15,000.00              |
| 65       | FILTER HOUSING            | CH10779<br>CH11096 | 1 2      | PC           | 51,000.00  | 51,000.00              |
| 67       | FUEL FEED PIPE            | CH11096<br>CH10999 | 2        | PC           | 7,280.00   | 14,560.00              |
| 68       | PIPE, FUEL                |                    | 2        | PC           | 2,800.00   | 5,600.00               |
|          | RADIATOR                  | CH11000            | 2        | PC           | 2,800.00   | 5,600.00               |
| 69<br>70 | SENSOR, TEMPERATURE       | CH11062<br>KRP1556 | 4        | ASSY         | 400,000.00 | 400,000.00             |
|          | SENSOR SENSOR             |                    | <u> </u> | PC           | 5,400.00   | 21,600.00              |
| 71       |                           | KRP1558<br>KRP1561 | 4        | PC           | 9,200.00   | 36,800.00              |
| 72       | SENSOR, SPEED             |                    | 4        | PC           | 20,000.00  | 80,000.00              |
| 73       | SENSOR, TEMPERATURE       | KRP1557            | 8        | PC           | 5,400.00   | 43,200.00              |
| 74       | SENSOR                    | KRP1560            | 4        | PC           | 10,000.00  | 40,000.00              |
| 75       | SENSOR, OIL PRESSURE      | KRP1559            | 4        | PC           | 10,000.00  | 40,000.00              |
| 76       | SENSOR, SPEED             | KRP1551            | 4        | PC           | 14,300,00  | 57,200.00              |
| 77       | HARNESS, WIRING           | CH10972            | 2        | PC           | 53,100.00  | 106,200.00             |
| 78       | WATER PUMP KIT            | KRP1553            | 1        | PC           | 57,200.00  | 57,200.00              |
| 79       | ALTERNATOR                | CH11087            | 1        | PC           | 38,900.00  | 38,900.00              |
| 80       | FILTER HEAD, FUEL         | CH11075            | 1        | PC           | 16,310.00  | 16,310.00              |
| 81       | TURBOCHARGER              | P/CH10899          | 1        | PC           | 260,000.00 | 260,000.00             |
|          |                           |                    |          |              | TOTAL      | 6,090,242.00           |

| GRAND TOTAL  | 29.505.532.00 |
|--------------|---------------|
| IGRAND TOTAL | 29.505.532.UU |

SUPPLY AND DELIVERY OF CONSOLIDATED MS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD

PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

# **SECTION I**

# **INVITATION TO BID**



# National Power Corporation INVITATION TO BID PUBLIC BIDDING – BCS 2024-0097

The NATIONAL POWER CORPORATION (NPC), through its approved Corporate Budget
of CY 2024 intends to apply the sum of (<u>Please see schedule below</u>) being the Approved Budget
for the Contract (ABC) to payments under the contract. Bids received in excess of the ABC shall be
automatically rejected at Bid opening.

| PR Nos./PB Ref No. &<br>Description  | Similar Contracts   | Pre-bid<br>Conference               | Bid<br>Submission /<br>Opening | ABC/ Amt. of<br>Bid Docs   |
|--|---|-------------------------------------|--------------------------------|--|
| S1-B0624-004 / PB240123-JD (PB2)  Supply and Delivery of Mechanical Spare Parts for 3.6MW Daihatsu Diesel Engine, Model 12DK-32B of Power Barge 106  | Supply and Delivery of Diesel Generating Sets or Mechanical and/or Electrical Parts / Components / Equipment for Diesel Generating Sets | 22 February<br>2024<br>9:30 A.M.    | 05 March 2024<br>9:30 A.M.     | ₱ 13,257,176.00 /<br>₱ 25,000.00   |
| S1-MQN24-008 / S1-MQN24-010 / S1-MQN24-011 / S1-MQN24-012 / S1-MQN24-013 / PB240305-DM  Supply and Delivery of Consolidated PMS and Security Spare Parts for Perkins and FG-Wilson Diesel Generating Sets of MQNLOD  Package I: 80kW FG Wilson, Engine Model: 1106A-70TAG2, Engine No. PR82603R  Package II: 100kW Perkins, Engine Model: 1006-TAG, Engine No. YD37746  Package III: 163kW and 260kW Perkins, Engine Model: 2006-TG1 & 2006-TAG, Engine Nos. 8B27396U85293V & 8C27397U84704U  Package IV: 250kW FG-Wilson, Engine Model: 1606A-E93TAG4, Engine No. WU5529P  Package V: 410kW FG-Wilson, Engine Model: 2506A-E15TAG3, Engine No. MGDF7150 | Equipment for Diesel Generating Sets  | 22 February<br>2024<br>9:30<br>A.M. | 05 March 2024<br>9:30 A.M.     | P 29,505,532.00 /<br>P 25,000.00<br>P 1,585,158.00 /<br>P 5,000.00<br>P 3,255,080.00 /<br>P 5,000.00<br>P 6,203,990.00 /<br>P 10,000.00<br>P 7,464,240.00 /<br>P 10,000.00<br>P 4,906,822.00 /<br>P 5,000.00 |

| Package VI: 500kW Perkins,<br>Engine Model: 2806C-<br>E16TAG2, Engine No.<br>HGB061306 | ₱ 6,090,242.00 /<br>₱ 10,000.00           |  |  |
|--|---|--|--|
| Approved Budget for the Contract (ABC)   | Maximum Cost of Bidding Documents (Pesos) |  |  |
| 500,000 and below  | 500.00                                    |  |  |
| More than 500,000 up to 1M   | 1,000.00                                  |  |  |
| More than 1M up to 5M  | 5,000.00                                  |  |  |
| More than 5M up to 10M   | 10,000.00                                 |  |  |
| More than 10M up to 50M  | 25,000.00                                 |  |  |
| More than 50M up to 500M   | 50,000.00                                 |  |  |

Note: If a bidder intends to partially participate for a number of package(s) only, then the cost of Bidding

Documents will be proportionate as indicated above

Venue: Kañao Function Room, NPC Bldg. Diliman, Quezon City

2. The NPC now invites bids for Items listed above. Delivery of the Goods is required (see table below) specified in the Technical Specifications. Bidders should have completed, within (see table below) from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. (Instruction to Bidders).

| PR No/s. / PB Ref No/s. | Delivery Period / Contract<br>Duration | Relevant Period of SLCC reckoned from the date of submission & receipt of bids |
|-------------------------|--|--|
| S1-B0624-004            | One Hundred Twenty (120) Calendar Days | Ten (10) Years   |
| S1-MQN24-008 & 5 Others | One Hundred Twenty (120) Calendar Days | Ten (10) Years   |

3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

- Prospective Bidders may obtain further information from National Power Corporation, Bids and Contracts Services Division and inspect the Bidding Documents at the address given below during office hours (8:00AM to 5:00PM), Monday to Friday.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders from the given address and website(s) and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB. <u>Bidding fee may be refunded in accordance with the guidelines based on the grounds provided under Section 41 of R.A. 9184 and its Revised IRR.</u>
- 6. The National Power Corporation will hold Pre-Bid Conference (see table above) and/or through video conferencing or webcasting which shall be open to prospective bidders. Only registered bidder/s shall be allowed to participate in the conduct of virtual pre-bid conference. Unregistered bidders may attend the Pre-Bid Conference at the Kañao Room, NPC subject to the following:
  - a. Only a maximum of two (2) representatives from each bidder / company shall be allowed to participate during the virtual pre-bid conference.

- b. Wearing of Face Masks is recommended but not required in view of Proclamation No. 297 S.2023 lifting the State of Public Health Emergency Throughout the Philippines
- c. The requirements herein stated including the medium of submission shall be subject to GPPB Resolution No. 09-2020 dated 07 May 2020
- d. The Guidelines on the Implementation of Early Procurement Activities (EPA) shall be subject to GPPB Circular No. 06-2019 dated 17 July 2019
- 7. Bids must be duly received by the BAC Secretariat through (i) manual submission at the office address indicated below; (ii) online or electronic submission before the specified time stated in the table above for opening of bids. Late bids shall not be accepted.
- 8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in ITB Clause 14.
- Bid opening shall be in the Kañao Function Room, NPC Head Office, Diliman, Quezon City and/or via online platform to be announced by NPC. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- 10. The National Power Corporation reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of R.A. No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

Bids and Contracts Services Division, Logistics Department

Gabriel Y. Itchon Building

Senator Miriam P. Defensor-Santiago Ave. (formerly BIR Road)

Cor. Quezon Ave., Diliman, Quezon City, 1100

Tel Nos.: Tel Nos.: 8921-3541 local 5564/5713

Email: bcsd@napocor.gov.ph /

12. You may visit the following websites:

For downloading of Bidding Documents: https://www.napocor.gov.ph/bcsd/bids.php

Vice President, Office of the Legal Counsel and Chairman, Bids and Awards Committee

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD

PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

# **SECTION II**

# INSTRUCTIONS TO BIDDERS

# **SECTION II - INSTRUCTIONS TO BIDDERS**

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# SECTION II - INSTRUCTIONS TO BIDDERS

# Scope of Bid

The National Power Corporation (NPC or NAPOCOR) wishes to receive Bids for the SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD, with identification number PR NOS. S1-MQN24-008, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013.

The Procurement Project (referred to herein as "Project") are grouped into packages and shall be evaluated and awarded on a per package basis, the details of which are described in Section VI (Technical Specifications).

# 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for CY 2024 in the amount of **P29,505,532.00**.
- The source of funding is the Corporate Operating Budget of the National Power Corporation.

# 3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

# 4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

# 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership exceeding those allowed under the rules may participate when citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines.

The foreign bidder claiming eligibility by reason of their country's extension of reciprocal rights to Filipinos shall submit a certification from the relevant government office of their country stating that Filipinos are allowed to participate in their government procurement activities for the same item/product. The said certification shall be validated during the post-qualification of bidders.

- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to at least fifty percent (50%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

# 6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under ITB Clause 18.

### 7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The portions of Project and the maximum percentage allowed to be subcontracted are indicated in the BDS, which shall not exceed twenty percent (20%) of the contracted Goods.

- 7.2. The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in ITB Clause 5 to the implementing or end-user unit.
- 7.3. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

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### 8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through videoconferencing/webcasting as indicated in paragraph 6 of the **IB**.

# 9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the IB, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

# 10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in Section VIII (NPCSF-GOODS-01 - Checklist of Technical and Financial Documents).
- 10.2. The Bidder's SLCC as indicated in ITB Clause 5.3 should have been completed within ten (10) yearsprior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.
- 10.4. The Statement of the bidder's Single Largest Completed Contract (SLCC)(NPCSF-GOODS-03) and List of all Ongoing Government & Private Contracts Including Contracts Awarded but not yet Started (NPCSF-GOODS-02) shall comply with the documentary requirements specified in the **BDS**.

# 11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in Section VIII (NPCSF-GOODS-01 Checklist of Technical and Financial Documents).
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the IB shall not be accepted.

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11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184

#### 12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
  - For Goods offered from within the Procuring Entity's country:
    - The price of the Goods quoted EXW (ex-works, ex-factory, exwarehouse, ex-showroom, or off-the-shelf, as applicable);
    - ii. The cost of all customs duties and sales and other taxes already paid or payable;
    - The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
    - The price of other (incidental) services, if any, listed in the BDS.
  - For Goods offered from abroad:
    - i. Unless otherwise stated in the BDS, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the BDS. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
    - ii. The price of other (incidental) services, if any, as listed in the BDS.

### 13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- Payment of the contract price shall be made in Philippine Pesos.

# 14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the BDS, which shall be not less than the percentage of the ABC in accordance with the schedule in the BDS.
- 14.2. The Bid and bid security shall be valid for One Hundred Twenty (120) calendar days from the date of opening of bids. Any Bid not accompanied by an

anacceptable bid security shall be rejected by the Procuring Entity as non-responsive.

# 15. Sealing and Marking of Bids

Each Bidder shall submit two (2) copies of the first and second components of its Bid, marked Original and Photocopy. Only the original copy will be read and considered for the bid.

Any misplace documents outside of the Original copy will not be considered. The photocopy is <u>ONLY FOR REFERENCE</u>.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

### 16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the IB.

# 17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the IB. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

# 18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

# 19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all Bids rated "passed," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by ITB Clause 14 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VI (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded to one (1) Bidder in one complete contract per package.
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

## 20. Post-Qualification

20.1. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the BDS.

# 21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the BDS.

# **SECTION III**

# **BID DATA SHEET**

# **SECTION III - BID DATA SHEET**

| ITB    |  |
|--------|--|
| Clause |  |
| 5.3    | For Bidder(s) who will submit bids for one (1) Package only, the track record requirement is a single completed contract that is similar to this project with a contract amount equivalent to at least Fifty Percent (50%) of the ABC of the Package the bidder is participating in, adjusted to current prices using the Philippine Statistics Authority (PSA) consumer price index at the time of the bidding.                     |
|        | For Bidder(s) who will submit bids for two (2) or more Packages, the track record requirement is a single completed contract that is similar to this Project with the contract amount equivalent to at least Fifty Percent (50%) of the highest ABC of the Packages the bidder wishes to participate in, adjusted to current prices using the Philippine Statistics Authority (PSA) consumer price index at the time of the bidding. |
|        | For this purpose, contracts similar to the Project shall be Supply and Delivery of Diesel Generating Sets or Mechanical and/or Electrical Parts/Components/Equipment for Diesel Generating Sets.   |
|        | The Single Largest Completed Contract (SLCC) as declared by the bidder shall be verified and validated to ascertain such completed contract. Hence, bidders must ensure access to sites of such projects/equipment to NPC representatives for verification and validation purposes during post-qualification process.  |
|        | It shall be a ground for disqualification, if verification and validation cannot be conducted for reasons attributable to the Bidder.  |
| 7.1    | Subcontracting may be allowed on transport, local/non-skilled labor under the supervision of the Bidder. The Bidder shall not be relieved from any liability or obligation that may arise from the performance of the Subcontractor.   |
| 10.4   | The list of on-going contracts (Form No. NPCSF-GOODS-02) shall be supported by the following documents for each on-going contract to be submitted during <b>Post-Qualification</b> :   |
|        | Contract/Purchase Order and/or Notice of Award   |
|        | Certification coming from the project owner/client that the performance is satisfactory as of the bidding date   |
|        | The bidder shall declare in this form all his on-going government and private contracts including contracts where the bidder (either as individual or as a Joint Venture) is a partner in a Joint Venture agreement other than his current joint venture where he is a partner. Non declaration will be a ground for disqualification of bid.  |
|        | <u> </u>   |

|      | The Statement of the bidder's Single Largest Completed Contract (SLCC) similartothe contract to be bid (Form No. NPCSF-GOODS-03) shall be supported by the following documents to be submitted during <b>Bid Opening</b> :  |
|------|---|
|      | Certificate of Acceptance;  |
|      | or Certificate of Completion;   |
|      | or Official Receipt(O.R);   |
|      | or Sales Invoice  |
|      | Any single bidder/s who already procured/secured the bidding documents but want to avail the Joint Venture Agreement (JVA) shall inform the BAC in writing prior to the bid opening for records and documentation purposes. |
| 10.5 | Bidders shall also submit the following requirements in their first envelope, Eligibility and Technical Component of their bid:   |
|      | Data and Information to be submitted with the Proposal as specified in Clause TS-5.0 of Section VI - Technical Specifications;  |
|      | Complete eligibility documents of the proposed sub-contractor, if any   |
| 12   | The price of the Goods shall be quoted DDP Project Site or the applicable International Commercial Terms (INCOTERMS) for this Project.  |
| 14.1 | The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:   |
|      | <ul> <li>a) The amount of not less two percent (2%) of ABC, if bid security is in cash,<br/>cashier's/manager's check, bank draft/guarantee or irrevocable letter of<br/>credit; or</li> </ul>                              |
|      | b) The amount of not less than five percent (5%) of ABC,if bid security is in Surety Bond.  |
| 19.3 | Goods are grouped into Packages and shall be evaluated and awarded on a per package basis.  |
|      | Partial bid per package is not allowed. Bidders shall have the option of submitting a proposal on any or all packages and evaluation and contract award will be undertaken on a per Package Basis.                          |
|      | The Bidders bid offer must be within the ABC per Package and ABC per item.  |
|      | Bid offers that exceed the ABC of the Package(s) or any of the item the bidder participated in or with incomplete price, shall be rejected.   |
| 19.5 | Ifthe Bidder opted to submit a Committed Line of Credit (CLC), the bidder must submit a granted credit line valid/effective at the date of bidding.   |
| 20.1 | Additional documents to be submitted during Post-Qualification:   |
|      | a. Latest Income Tax Returns filed and paid through the BIR Electronic Filing   |

|   | and Downent Cyptom (aEDC):   |
|---|--|
|   | and Payment System (eFPS);   |
|   | <ul> <li>Business Tax/VAT Returns within the last six (6) months preceding the date<br/>of the bid submission, filed and paid through the BIR (eFPS);</li> </ul>   |
|   | c. Contract/Purchase Order and/or Notice of Award for the contracts stated in the List of all Ongoing Government & Private Contracts Including Contracts Awarded but not yet Started (NPCSF-GOODS-02);   |
|   | d. Certification coming from the project owner/client that the performance is satisfactory as of the bidding date for all ongoing contracts stated in Form NPCSF-GOODS-02;   |
|   | e. Contract/Purchase Order for the contract stated in the statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid (Form No. NPCSF-GOODS-03)   |
|   | f. Manufacturer's brochures, manuals and other supporting documents of<br>equipment, materials, hardware and tools proposed by the bidders must<br>comply with the technical specifications of such equipment, materials,<br>hardware and tools. It shall be a ground for disqualification if the submitted<br>brochures, manuals and other supporting documents are determined not<br>complying with the specifications during technical evaluation and post-<br>qualification process. |
|   | Equipment, materials, hardware and tools proposed by the winning bidder to be supplied, which were evaluated to be complying with the technical specifications, shall not be replaced and must be the same items to be delivered/installed/used during the contract implementation. Any proposed changes/replacement of said items may be allowed on meritorious reasons subject to validation and prior approval by NPC.  |
|   | g. Eligibility Documents listed on the Annex A of Certificate of PhilGEPs<br>Registration under Platinum Membership pursuant to Section 34.3 of<br>the Revised IRR of R.A. 9184  |
| 20.2  | Thelicenses and permits relevant to the Project and the corresponding law requiring it as specified in the Technical Specifications, if any.   |
| 21.2  | Notice to Proceed.   |
| Disclaimer<br>and Data<br>Privacy<br>Notice | All bid submissions and related correspondences are confidential and for viewing only by the intended recipient/s. Any unauthorized access to review, reproduce, or disseminate the information contained therein is strictly prohibited. The National Power Corporation (NAPOCOR) does not guarantee the security of any information electronically transmitted.  |
|   | Bid submission and related correspondences may contain personal and sensitive personal information, and are subject to the Data Privacy Act of 2012, its implementing rules, regulations and issuances of the National Privacy Commission of the Philippines ("Privacy Laws"). By viewing, using, storing, sharing and disposing (collectively "Processing"), such bids submissions and correspondences, you agree to comply with the Privacy Laws. By responding to                     |

### SECTION III - BID DATA SHEET

correspondences, you consent to the Processing by NAPOCOR of the Personal Data contained in your submission/reply in accordance with NAPOCOR's Personal Data Privacy Policy which you can find at <a href="http://www.napocor.gov.ph.">http://www.napocor.gov.ph.</a>

To report any privacy issue, contact the Data Privacy Officer at <a href="mailto:dpo@napocor.gov.ph.">dpo@napocor.gov.ph.</a>

NAPOCOR is not liable for the proper and complete transmission of the information contained in bid submission/correspondences nor for any delay in its receipt.

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD

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# **SECTION IV**

# GENERAL CONDITIONS OF CONTRACT

# **SECTION IV – GENERAL CONDITIONS OF CONTRACT**

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# SECTION IV – GENERAL CONDITIONS OF CONTRACT

#### 1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR. including the Generic Procurement Manual, and associated issuances. constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the Special Conditions of Contract (SCC).

#### 2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.
- The Procuring Entity is allowed to determine the terms of payment on the 2.2. partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the SCC.

#### 3. Performance Security

- 3.1. Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later thanthe signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.
- 3.2. Theperformance bond to be posted by the Contractor must also comply with additional requirements specified in the SCC.

#### 4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the SCC, Section VI (Technical Specifications) shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be

SUPPLY AND DELIPERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes. All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

# 5. Warranty

- 5.1 In order toassure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 5.2 The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipts of such notice, the Supplier shall correct/repair or replace the defective Goods or parts thereof within the period specified in the SCC, without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

# 6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

# **SECTION V**

# SPECIAL CONDITIONS OF CONTRACT

# **SECTION V - SPECIAL CONDITIONS OF CONTRACT**

| GCC<br>Clause |  |
|---------------|--|
| 1             | Delivery and Documents –   |
|               | The delivery terms applicable to the Contract is DDP delivered to the project site specified in the technical specifications, in accordance with INCOTERMS. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.  |
|               | Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI – Technical Specifications. The details of shipping and/or other documents to be furnished by the Supplier are as follows:  |
|               | For Goods supplied from within the Philippines   |
|               | Upon delivery of the Goods to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity:  |
|               | (i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;   |
|               | (ii) Original and four copies of Supplier's factory test/inspection report;  |
|               | (iii) Original and four copies of the certificate of origin (for imported Goods);  |
|               | (iv) Delivery receipt detailing number and description of items received signed by the Procuring Entity's representative at the Project Site;  |
|               | (v) Certificate of Completion/Inspection Report signed by the Procuring Entity's representative at the Project Site;   |
|               | (vi) Original and four copies of the Inspection Receiving Report signed by the Procuring Entity's representative at the Project Site;  |
|               | (vii) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate; and   |
|               | (viii) Documents specified in the Technical Specifications, if any.  |
|               | For Goods supplied from abroad:  |
|               | Upon shipment, the Supplier shall notify the Procuring Entity and the insurance company by e-mail the full details of the shipment, including Contract Number, description of the Goods, quantity, vessel, bill of lading number and date, port of loading, date of shipment, port of discharge etc. Upon delivery to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents as applicable with the documentary requirements of any letter of credit issued taking precedence: |
|               | (i) Original and four copies of the Supplier's invoice showing   |

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Goods'description, quantity, unit price, and total amount:

- (ii) Original and four copies of the negotiable, clean shipped on board bill of lading marked "freight pre-paid" and five copies of the non-negotiable bill of lading;
- (iii) Original and four copies of Supplier's factory test/inspection report;
- (iv) Delivery receipt detailing number and description of items received signed by the Procuring Entity's representative at the Project Site;
- (v) Certificate of Completion/Inspection Report signed by the Procuring Entity's representative at the Project Site;
- (vi) Original and four copies of the Inspection Receiving Report signed by the Procuring Entity's representative at the Project Site;
- (vii) Original and four copies of the certificate of origin (for imported Goods); and
- (viii) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate including all other documents specified in the Technical Specifications, if any.

For purposes of this Clause the Procuring Entity's Representative at the Project Site is the Division Manager of MQNLOD.

### Incidental Services -

The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:

- performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.
- f. Additional requirements specified in Section VI Technical Specifications, if any.

The Contract price for the Goods shall include the prices charged by the

S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

SECTION V - SPECIAL CONDITIONS OF CONTRACT

Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

# Spare Parts -

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

- such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- 2. in the event of termination of production of the spare parts:
  - advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
  - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested

The spare parts and other components required are listed in Section VI (Technical Specifications) and Section VII (Schedule of Requirements/Bid Price Schedule) and the costs thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for the period specified in the Technical Specifications.

Spare parts or components shall be supplied as promptly as possible, but in any case, within three (3) months of placing the order.

# Packaging -

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity
Name of the Supplier
Contract Description
Final Destination
Gross weight
Any special lifting instructions
Any special handling instructions
Any relevant HAZCHEM classifications

A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.

## Transportation -

Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.

The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.

# Intellectual Property Rights -

The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.

Advance payment not to exceed fifteen percent (15%) of the contract amount shall be allowed and paid within sixty (60) calendar days from effectivity of the contract and upon the submission to and acceptance by the Procuring Entity of an irrevocable letter of credit or bank guarantee issued by a Universal or Commercial Bank. The irrevocable letter of credit or bank guarantee must be for an equivalent amount, shall remain valid until the goods are delivered, and accompanied by a claim for advance payment.

All progress payments shall first be charged against the advance payment until the latter has been fully exhausted.

The terms of payment shall be as follows:

# 1) For Supply and Delivery Contracts:

- (a) On Contract Effectivity: Advance payment of Fifteen percent (15%) of the totalContract Price shall be paid within sixty (60) days from effectivity of the Contract and upon submission of a claim and an irrevocable letter of credit or bank guarantee issued by a Universal or Commercial Bank for the equivalent amount valid until the Goods are delivered and in the form provided in Section VIII- Bidding Forms.
- (b) On Delivery: Eighty percent (80%) of the Contract Price of the delivered Goods shall be considered for payment, less the total amount of advance payment, if any and other deductions. If the amount is sufficient to fully recoup the advance payment, the remainder after deductions shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the SCC provision on Delivery and Documents. Otherwise, the total delivery payment shall be charged against the advance payment and the remaining advance payment will be fully recouped from the succeeding claims.
- (c) On Acceptance: The remaining twenty percent (20%) of the Contract Price of the *delivered Goods* shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days after successful test and commissioning, if required, the Supplier shall have the right to claim payment of the remaining twenty percent (20%) subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the <u>SCC</u> provision on Delivery and Documents.

## 2) For Supply, Delivery, Installation, Test and Commissioning Contracts:

(a) On Contract Effectivity: Advance payment of Fifteen percent (15%) of the total Contract Price shall be paid within sixty (60) days from effectivity of the Contract and upon submission of a claim and an irrevocable letter of credit or bank guarantee issued by a Universal or Commercial Bank for the equivalent amount valid until the Goods are

delivered and in the form provided in Section VIII- Bidding Forms.

- (b) On Delivery: Eighty percent (80%) of the price of the delivered Goods, excluding price for installation, test and commissioning shall be considered for payment, less the total amount of advance payment, if any and other deductions. If the amount is sufficient to fully recoup the advance payment, the remainder after deductions shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the SCC provision on Delivery and Documents. Otherwise, the total delivery payment shall be charged against the advance payment and the remaining advance payment will be fully recouped from the succeeding claims.
- (c) On Acceptance: The remaining twenty percent (20%) of the price of the delivered Goods plus price for installation, test and commissioning shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days after successful test and commissioning, the Supplier shall have the right to claim payment subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the SCC provision on Delivery and Documents.
- 3) For Supply, Delivery, Installation, Test and Commissioning Contracts where Installation, Test and Commissioning prices are included in the supply price:
  - (a) On Contract Effectivity: Advance payment of Fifteen percent (15%) of the total Contract Price shall be paid within sixty (60) days from effectivity of the Contract and upon submission of a claim and an irrevocable letter of credit or bank guarantee issued by a Universal or Commercial Bank for the equivalent amount valid until the Goods are delivered and in the form provided in Section VIII- Bidding Forms.
  - (b) On Delivery: Sixty percent (60%) of the price of the delivered Goods shall be considered for payment, less the total amount of advance payment, if any and other deductions. If the amount is sufficient to fully recoup the advance payment, the remainder after deductions shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the SCC provision on Delivery and Documents. Otherwise, the total delivery payment shall be charged against the advance payment and the remaining advance payment will be fully recouped from the succeeding claims.
  - (c) On Acceptance: The remaining forty percent (40%) of the price of the delivered Goods shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no acceptance certificate is issued by

| ;   | the Procuring Entity's authorized representative within forty five (45) days after successful test and commissioning, the Supplier shall have the right to claim payment subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the SCC provision on Delivery and Documents   |
|-----|--|
| 3.2 | <ol> <li>The following must be indicated in the performance bond to be posted by the Contractor:         <ol> <li>Company Name</li> <li>Correct amount of the Bond</li> <li>Contract/Purchase Order Reference Number</li> <li>Purpose of the Bond:</li></ol></li></ol>   |
|     | <ol> <li>The bond shall remain valid and effective until the duration of the contract<br/>(should be specific date reckoned from the contract effectivity) plus sixty<br/>(60) days after NPC's acceptance of the last delivery/final acceptance of<br/>the project.</li> </ol>  |
|     | 3. In case of surety bond, any extension of the contract duration or delivery period granted to the CONTRACTOR shall be considered as given, and any modification of the contract shall be considered as authorized, as if with the expressed consent of the surety, provided that such extension or modifications falls within the effective period of the said surety bond. However, in the event that the extension of the contract duration or delivery schedule would be beyond the effective period of the surety bond first posted, it shall be the sole obligation of the CONTRACTOR to post an acceptable Performance Security within ten (10) calendar days after the contract duration/delivery period extension has been granted by NPC. |
|     | Other required conditions in addition to the standard policy terms issued by the Bonding Company:  |
|     | <ol> <li>The bond is a penal bond, callable on demand and the entire amount<br/>thereof shall be forfeited in favor of the Obligee upon default of the<br/>Principal without the need to prove or to show grounds or reasons for<br/>demand for the sum specified therein;</li> </ol>  |
|     | ii. The amount claimed by the Obligee under this bond shall be paid in full and shall never be subject to any adjustment by the Surety;  |
|     | iii. In case of claim, the Surety shall pay such claim within sixty (60) days from receipt by the Surety of the Obligee's notice of claim/demand letter notwithstanding any objection thereto by the Principal.  |
| 4   | The inspections and tests that will be conducted are specified in the Technical Specifications.  |

**BID DOCUMENTS** 

SECTION V - SPECIAL CONDITIONS OF CONTRACT

SUPPLY AND DELIVED DF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD PR NOS. \$1-MQN24-008, \$1-MQN24-010, \$1-MQN24-011, \$1-MQN24-012 & \$1-MQN24-013

5.2 The period for correction of defects in the warranty period shall not exceed thirty (30) days upon receipt of the notice from NPC.

#### **SECTION VI**

# TECHNICAL SPECIFICATIONS

(PART I - TECHNICAL SPECIFICATIONS)

DIESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

## Section VI - Technical Specifications Part I - Technical Specifications

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DIESEL GENERATING SETS OF MQNLOD

PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010,

\$1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

#### Section VI - Technical Specifications

#### Part I - Technical Specifications

#### TS-1.0 GENERAL

This specification covers the features and technical requirements for the SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD.

All supplied spare parts shall be new and unused. They shall be suitable for the intended purpose and shall comply with all applicable regulations, quality, and dimension standards.

The Supplier shall accept full responsibility for his work including documentation, preparation for shipment, inspection, warranty provisions and compliance with the applicable codes and standards and the requirements of this Specification.

#### TS-2.0 SCOPE OF WORKS

The scope of work shall cover the SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD.

Schedule of Requirements of Spare Parts

PACKAGE I: PR NO. S1-MQN24-008: 80KW FG-WILSON, MODEL: 1106A-70TAG2 ENGINE NO. PR82603R

|      | ENORE NO. 1 ROZOOK    |             |    |       |  |
|------|-----------------------|-------------|----|-------|--|
| ITEM | DESCRIPTION           | PART NUMBER |    | QTY Y |  |
| 1    | SEAL - O RING         | 986-164     | 12 | PC    |  |
| 2    | WASHER 10PCS/PACK     | 988-955     | 1  | PACK  |  |
| 3    | INDUCTION MANIFOLD    | 915-830     | 12 | PC    |  |
| 4    | GASKET - IND MANIFOLD | 915-786     | 12 | PC    |  |
| 5    | CAMSHAFT              | 10000-60145 | 1  | PC    |  |
| 6    | KEY                   | 929-511     | 12 | PC    |  |
| 7    | PUSH ROD              | 907-003     | 12 | PC    |  |
| 8    | SCREW                 | 10000-05645 | 6  | PC    |  |
| 9    | SPACER                | 10000-05664 | 6  | PC    |  |
| 10   | REAR HOUSING SEAL     | 998-712     | 6  | PC    |  |
|      | 1                     | 1           | 1  |       |  |

DIESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

| 11 | BOLT                      | 915-744     | 12 | PC   |
|----|---------------------------|-------------|----|------|
| 12 | PLUG                      | 987-071     | 24 | PC   |
| 13 | PLUG                      | 986-983     | 24 | PC   |
| 14 | PLUG                      | 929-735     | 24 | PC   |
| 15 | FUEL FILTER BOWL          | 10000-12566 | 6  | PC   |
| 16 | CYLINDER HEAD BOLT        | 10000-60100 | 12 | PC   |
| 17 | ROCKER SHAFT ASSEMBLY     | 10000-60142 | 1  | PC   |
| 18 | ROCKER SHAFT ASSY - MINOR | 10000-60148 | 1  | PC   |
| 19 | ROCKER ARM ASSEMBLY       | 915-816     | 6  | PC   |
| 20 | NUT 10PCS/PACK            | 973-827     | 2  | PACK |
| 21 | SCREW                     | 994-255     | 6  | PC   |
| 22 | CIRCLIP 10PCS/PACK        | 980-189     | 2  | PACK |
| 23 | WASHER                    | 915-688     | 12 | PC   |
| 24 | SCREW                     | 915-701     | 12 | PC   |
| 25 | SCREW                     | 915-700     | 12 | PC   |
| 26 | VALVE COLLET 10PCS/PACK   | 10000-57653 | 4  | PACK |
| 27 | CAP                       | 10000-60147 | 24 | PC   |
| 28 | VALVE SPRING              | 10000-67811 | 24 | PC   |
| 29 | EXHAUST VALVE STEM SEAL   | 10000-00118 | 24 | PC   |
| 30 | KIT, WATER PUMP           | 10000-82615 | 1  | PC   |
| 31 | GASKET                    | 10000-52701 | 6  | PC   |
| 32 | SCREW 10PCS/PACK          | 909-220     | 1  | PACK |
| 33 | SCREW 10PCS/PACK          | 994-963     | 1  | PACK |
| 34 | SCREW 10PCS/PACK          | 929-426     | 1  | PACK |
| 35 | SEAL - FRONT END OIL      | 10000-05563 | 6  | PC   |
| 36 | WOODRUFF KEY              | 929-511     | 6  | PC   |
| 37 | THRUST WASHER KIT         | 10000-52810 | 6  | PC   |
| 38 | MAIN BEARING KIT          | 10000-55650 | 4  | PC   |
| 39 | PISTON RING KIT           | 10000-05804 | 6  | PC   |
| 40 | CIRCLIP 10PCS/PACK        | 981-980     | 1  | PACK |
| 41 | CON ROD ASSEMBLY          | 10000-49712 | 6  | PC   |
|    |                           |             |    | ,    |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD

PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

#### SECTION VI - TECHNICAL SPECIFICATIONS

| 42 | SMALL END BUSH           | 10000-05616 | 6  | PC |
|----|--------------------------|-------------|----|----|
| 43 | BOLT, CONNECTING ROD     | 10000-48969 | 6  | PC |
| 44 | BLANKING PLATE           | 915-775     | 6  | PC |
| 45 | GASKET - OIL FILTER HEAD | 915-792     | 6  | PC |
| 46 | BLANKING PLATE           | 10000-05695 | 6  | PC |
| 47 | GASKET                   | 10000-05717 | 6  | PC |
| 48 | TOP GASKET KIT           | 10000-00116 | 4  | PC |
| 49 | INTAKE VALVE             | 10000-90192 | 12 | PC |
| 50 | VALVE EXHAUST            | 10000-57659 | 12 | PC |
| 51 | VALVE SEAT INSERT        | 10000-79308 | 24 | PC |
| 52 | VALVE SEAT INSERT        | 10000-79309 | 24 | PC |
| 53 | VALVE GUIDE              | 10000-60143 | 24 | PC |
| 54 | PISTON AND RING KIT      | 10000-68875 | 12 | PC |
| 55 | SEAL - INJECTOR          | 10000-00097 | 12 | PC |
| 56 | GASKET - TIMING CASE     | 10000-05411 | 2  | PC |
| 57 | FUEL INJECTION PUMP      | 10000-68623 | 1  | PC |
| 58 | FUEL LIFT PUMP           | 10000-60118 | 2  | PÇ |
| 59 | STARTER MOTOR            | 10000-68878 | 2  | PC |
| 60 | SENSOR, OIL TEMPERATURE  | 915-756     | 5  | PC |
| 61 | SENSOR, COOLANT LEVEL    | 622-312     | 5  | PC |
| 62 | DIODE KIT                | 10000-62226 | 1  | PC |
| 63 | TURBOCHARGER             | 10000-61759 | 1  | PC |
| 64 | LUBE OIL PRESSURE SENSOR | 320-3064    | 5  | PC |

## PACKAGE II: PR NO. S1-MQN24-009: 100KW PERKINS, MODEL: 1006-TAG ENGINE NO. YD37746

| ITEM | DESCRIPTION            | PART NUMBER | Q  | TY |
|------|------------------------|-------------|----|----|
| 1    | INJECTOR               | 2645A060    | 24 | PC |
| 2    | CYLINDER HEAD KIT      | ZZ80228     | 2  | PC |
| 3    | GASKET - CYLINDER HEAD | 3681H208    | 4  | PC |
| 4    | PISTON KIT             | U5LF0021    | 12 | PC |
| 5    | PISTON RING KIT        | 4181A026    | 12 | PC |

|    | ·                       |            |    |    |
|----|-------------------------|------------|----|----|
| 6  | MAIN BEARING KIT        | U5MB0030   | 4  | PC |
| 7  | BIG END BEARING KIT     | U5ME0035   | 4  | PC |
| 8  | LINER - PRESS FIT       | 3135X063   | 18 | PC |
| 9  | OIL PUMP                | 4132F057   | 2  | PC |
| 10 | ELECTRONIC GOVERNOR KIT | U5MK0669   | 2  | PC |
| 11 | FUEL INJECTION PUMP     | 2643D641   | 2  | PC |
| 12 | SPEED SENSOR            | 2868A006   | 10 | PC |
| 13 | STARTER MOTOR           | 2873K621   | 2  | PC |
| 14 | OIL COOLER              | 2486A972   | 2  | PC |
| 15 | GASKET - OIL COOLER     | 3684N026   | 4  | PC |
| 16 | PULLEY, CRANKSHAFT      | 3115T111   | 2  | PC |
| 17 | DAMPER                  | 3321A009   | 2  | PC |
| 18 | PUMP, WATER REPAIR KIT  | U5MW0160   | 2  | PC |
| 19 | THERMOSTAT              | 2485613    | 2  | PC |
| 20 | FAN                     | 2485C527   | 2  | PC |
| 21 | ALTERNATOR              | 2871A141   | 2  | PC |
| 22 | TURBOCHARGER            | 2674A335   | 2  | PC |
| 23 | OIL PRESSURE SWITCH     | 2848A013   | 10 | PC |
| 24 | RADIATOR                | 2485B243   | 2  | PC |
| 25 | AVR STAMFORD AS440      | E000-24403 | 4  | PC |
|    | <u>-</u>                | <u>L</u>   |    | L  |

#### PACKAGE III: PR NO. S1-MQN24-010: 163KW & 260 KW PERKINS, MODELS: 2006-TG1 & 2006-TAG, ENGINE NOS, 8R27396185293V & 8C2739718470411

| ITEM | DESCRIPTION                          | PART NUMBER | Q  | TY |
|------|--------------------------------------|-------------|----|----|
| 1    | OVERHAUL KIT, TOP                    | KRP1262     | 7  | PC |
| 2    | NOZZLE, FUEL INJECTOR (4 HOLE X .42) | OD20281     | 18 | PC |
| 3    | INSERT EXHAUST VALVE                 | OE49094     | 18 | PC |
| 4    | INSERT INLET VALVE                   | OE50118     | 18 | PC |
| 5    | SEATING, LOWER INLET                 | OE42266     | 18 | PC |
| 6    | VALVE, INLET                         | OE50588     | 36 | PC |
| 7    | VALVE, EXHAUST (NIMONIC)             | OE50589     | 36 | PC |
| 8    | ROTO-COIL UNIT                       | OE49262     | 18 | PC |

1000

| 9  | COTTER                             | OE2582  | 72 | PÇ |
|----|------------------------------------|---------|----|----|
| 10 | SEATING, UPPER                     | OE30935 | 36 | PC |
| 11 | BEARING KIT, BIG-END               | KRP3008 | 5  | PC |
| 12 | RING KIT, PISTON                   | KRP1251 | 5  | PC |
| 13 | VALVE GUIDE - INLET                | OE47043 | 18 | PC |
| 14 | VALVE GUIDE - EXHAUST              | OE47044 | 18 | PC |
| 15 | SLEEVE, INJECTOR                   | OE50207 | 18 | PÇ |
| 16 | PUSH ROD                           | OE42184 | 36 | PC |
| 17 | TAPPET                             | OE50775 | 36 | PC |
| 18 | WASHER, THRUST (OE 1687 & OE 1688) | KRP3200 | 6  | PC |
| 19 | BEARING KIT, MAIN                  | KRP3107 | 3  | PC |
| 20 | SEAL, REAR C/SHAFT                 | OE50255 | 3  | PC |
| 21 | BUSH, CAMSHAFT (FRONT C/C)         | OE50629 | 3  | PC |
| 22 | PISTON AND LINER KIT               | KRP1261 | 18 | PC |
| 23 | OVERHAUL KIT, BOTTOM               | KRP1263 | 3  | PC |
| 24 | SPRING, VALVE OUTER                | OE42300 | 18 | PC |
| 25 | SPRING, VALVE INNER                | OE42301 | 18 | PC |
| 26 | SPRING, VALVE INNER EXH            | OE49260 | 18 | PC |
| 27 | SPRING, VALVE OUTER EXH            | OE49261 | 18 | PC |
| 28 | SEAL, FRONT C/SHAFT                | OE50254 | 3  | PC |
| 29 | ALTERNATOR, CHARGE 24VDC           | OD20798 | 2  | PC |
| 30 | SWITCH, TEMPERATURE 106 DEG. C     | CH12893 | 5  | PC |
| 31 | SWITCH, OIL PRESSURE 18 PSI        | CH12894 | 5  | PÇ |
| 32 | SOLENOID (24V)                     | OE52318 | 2  | PC |
| 33 | CLEVIS ASSEMBLY                    | OE52495 | 2  | PC |
| 34 | PUMP ASSEMBLY, COOLANT             | OE51145 | 2  | PC |
| 35 | RING, SEALING 1.450 DIA            | ST45119 | 12 | PC |
| 36 | RING, SEALING                      | OE48311 | 6  | PC |
| 37 | THERMOSTAT                         | OE49554 | 2  | PC |
| 38 | CONE, REAR                         | OE2789  | 2  | PC |
| 39 | CONE, FRONT                        | OE46297 | 2  | PC |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

| 40 | LEVER & BALL JOINT ASSEMBLY    | OD21343   | 3  | PÇ |
|----|--------------------------------|-----------|----|----|
| 41 | INJECTOR ASSEMBLY              | OD20362   | 18 | PC |
| 42 | PIPE, SPILL ASSEMBLY           | OD2392 .  | 12 | PC |
| 43 | PIPE, ASSEMBLY SPILL           | OD20726   | 2  | PC |
| 44 | PIPE, INJECTOR SPILL ASSEMBLY  | OD20300   | 2  | PC |
| 45 | PIPE, PUMP SPILL ASSEMBLY      | OD20301   | 2  | PC |
| 46 | PIPE, INJCTN NO 1 CYL ASSEMBLY | OD20388   | 2  | PC |
| 47 | PIPE, INJCTN NO 2 CYL ASSEMBLY | OD20389   | 2  | PC |
| 48 | PIPE, INJCTN NO 3 CYL ASSEMBLY | OD20390   | 2  | PC |
| 49 | PIPE, INJCTN NO 4 CYL ASSEMBLY | OD20391   | 2  | PC |
| 50 | PIPE, INJCTN NO 5 CYL ASSEMBLY | OD20392   | 2  | PC |
| 51 | PIPE, INJCTN NO 6 CYL ASSEMBLY | OD20393   | 2  | PC |
| 52 | STARTER MOTOR                  | OD21858/2 | 2  | PC |
| 53 | TURBOCHARGER ASSEMBLY          | OE50642/1 | 2  | PC |
| 54 | ACTUATOR, WOODWARD TYPE 1724   | 8256-016  | 2  | PC |
| 55 | CONTROLLER, GOVERNOR           | 8290-191  | 3  | PC |
| 56 | COOLING JET, PISTON ASSEMBLY   | OE50535   | 6  | PC |
| 57 | RADIATOR ASSEMBLY (163KW)      | OE50571   | 3  | PC |
| 58 | RADIATOR ASSEMBLY (260KW)      | OE50435   | 3  | PC |
|    | - I                            | <u></u>   |    |    |

#### PACKAGE IV: PR NO. S1-MQN24-011: 250KW FG-WILSON, MODEL: 1606A-E93TAG4, ENGINE NO. WU5529P

| ITEM | DESCRIPTION                 | PART NO.    | a  | TY. |  |  |
|------|-----------------------------|-------------|----|-----|--|--|
| 1    | GASKET                      | 10000-61681 | 4  | PC  |  |  |
| 2    | CYLINDER HEAD GASKET        | 10000-60360 | 4  | PC  |  |  |
| 3    | KIT SEAL                    | 10000-60363 | 24 | PC  |  |  |
| 4    | GASKET - INDUCTION MANIFOLD | 10000-60419 | 4  | PC  |  |  |
| 5    | SEAL                        | 10000-60425 | 4  | PC  |  |  |
| 6    | GASKET                      | 10000-60426 | 4  | PC  |  |  |
| 7    | VALVE STEM SEAL             | 10000-60351 | 96 | PC  |  |  |
| 8    | GASKET - TURBOCHARGER       | 10000-60428 | 4  | PC  |  |  |
| 9    | JOINT                       | 908-359     | 4  | PC  |  |  |

DIESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

| 10 | GASKET - EXHAUST MANIFOLD | 10000-60440 | 4  | PC |
|----|---------------------------|-------------|----|----|
| 11 | SLEEVE                    | 10000-60347 | 12 | PC |
| 12 | KEY                       | 10000-60348 | 96 | PC |
| 13 | ROTATOR                   | 10000-60349 | 48 | PC |
| 14 | VALVE SEAT INSERT         | 10000-60353 | 24 | PC |
| 15 | INTAKE VALVE              | 10000-60354 | 24 | PC |
| 16 | INSERT EXHAUST VALVE      | 10000-60355 | 24 | PC |
| 17 | EXHAUST VALVE             | 10000-60356 | 24 | PC |
| 18 | SLEEVE                    | 10000-60357 | 12 | PC |
| 19 | SUMP GAGSKET              | 10000-60234 | 3  | PC |
| 20 | PISTON RING KIT           | 10000-60341 | 18 | PC |
| 21 | BIG END BEARING KIT       | 10000-47145 | 18 | PC |
| 22 | PUSH ROD                  | 10000-60194 | 24 | PC |
| 23 | TAPPET                    | 10000-45566 | 24 | PC |
| 24 | GUIDE                     | 905-123     | 12 | PC |
| 25 | VALVE GUIDE               | 10000-60352 | 48 | PC |
| 26 | INJECTOR KIT              | 10000-60362 | 18 | PC |
| 27 | SEAL - REAR END OIL       | 10000-60190 | 3  | PÇ |
| 28 | MAIN BEARING KIT          | 10000-60188 | 18 | PC |
| 29 | MAIN BEARING KIT THRUST   | 10000-60189 | 3  | PC |
| 30 | SEAL - O RING             | 10000-64916 | 3  | PC |
| 31 | SEAL                      | 10000-60207 | 3  | PĈ |
| 32 | SEAL - TIMING CASE COVER  | 10000-60217 | 3  | PC |
| 33 | SEAL - TIMING CASE COVER  | 10000-60218 | 3  | PC |
| 34 | SEAL - TIMING CASE COVER  | 10000-60219 | 3  | PC |
| 35 | SEAL - TIMING CASE COVER  | 10000-60220 | 3  | PC |
| 36 | SEAL - TIMING CASE COVER  | 10000-60221 | 3  | PC |
| 37 | SEAL - TIMING CASE COVER  | 10000-60223 | 3  | PC |
| 38 | SEAL - TIMING CASE COVER  | 10000-60224 | 3  | PC |
| 39 | GASKET FLYWHEEL HOUSING   | 10000-60278 | 3  | PC |
| 40 | GASKET - FUEL FILTER      | 10000-60303 | 3  | PC |

| 41 | GASKET - FUEL FILTER                 | 10000-60323 | 3  | PC |
|----|--------------------------------------|-------------|----|----|
| 42 | CAMSHAFT BUSH SET                    | 10000-60331 | 3  | PC |
| 43 | PISTON AND LINER KIT                 | 10000-60337 | 18 | PC |
| 44 | SEAL - CAMSHAFT                      | 10000-60342 | 3  | PC |
| 45 | WASHER                               | 902-120     | 3  | PC |
| 46 | WOODRUFF KEY                         | 989-299     | 3  | PC |
| 47 | SEAL - OIL FRONT END                 | 10000-13299 | 3  | PC |
| 48 | SEAL - WATER PUMP                    | 10000-60388 | 3  | PC |
| 49 | SEAL - BREATHER                      | 10000-60373 | 3  | PC |
| 50 | SEAL - OIL PUMP                      | 10000-60381 | 3  | PC |
| 51 | SEAL - OIL PUMP                      | 10000-60380 | 3  | PC |
| 52 | GASKET KIT                           | 10000-60401 | 3  | PC |
| 53 | VALVE SPRING                         | 10000-60350 | 48 | PC |
| 54 | BOLT, METRIC                         | 974-318     | 6  | PC |
| 55 | CONNECTING ROD ASSEMBLY              | 10000-52739 | 6  | PC |
| 56 | ROCKER SHAFT ASSEMBLY                | 10000-60195 | 2  | PC |
| 57 | THERMOSTAT ASSEMBLY                  | 10000-60205 | 3  | PC |
| 58 | WATER OUTLET CONNECTION              | 10000-60204 | 2  | PC |
| 59 | DRIVE, BELT TENSIONER                | 10000-60211 | 2  | PC |
| 60 | TIMING COVER                         | 10000-60222 | 1  | PC |
| 61 | SUMP                                 | 10000-61234 | 1  | PC |
| 62 | HARNESS, WIRING                      | 10000-60246 | 3  | PC |
| 63 | SENSOR, INJECTOR CONTROL<br>PRESSURE | 10000-60265 | 6  | PC |
| 64 | SENSOR, OIL PRESSURE ENGINE          | 10000-60269 | 12 | PC |
| 65 | SENSOR, TEMPERATURE AIR, SENSOR KIT  | 10000-60271 | 6  | PC |
| 66 | SENSOR, AIR PRESSURE                 | 10000-60273 | 6  | PC |
| 67 | SENSOR TEMPERATURE                   | 10000-60267 | 12 | PC |
| 68 | SENSOR CRANKSHAFT POSITION           | 10000-60263 | 6  | PC |
| 69 | SENSOR CAMSHAFT POSITION             | 10000-60261 | 6  | PC |
| 70 | WATER TEMPERATURE SENSOR             | 10000-60313 | 6  | PC |
|    |                                      |             |    |    |

| 71 | FUEL INJECTION PUMP HIGH<br>PRESSURE | 10000-60282 | 2   | PC |
|----|--------------------------------------|-------------|-----|----|
| 72 | FUEL LIFT PUMP                       | 10000-42443 | 2   | PC |
| 73 | PIPE FUEL HOSE                       | 10000-60291 | 5   | PC |
| 74 | FUEL FILTER ASSEMBLY                 | 10000-60300 | 2   | PC |
| 75 | PIPE FUEL                            | 10000-60304 | 5   | PC |
| 76 | CHECK VALVE INLET PIPE               | 10000-60315 | 5   | PC |
| 77 | STRAINER ASSEMBLY                    | 10000-60318 | 5   | PC |
| 78 | PRESSURE VALVE                       | 10000-60322 | 5   | PC |
| 79 | FUEL PIPE                            | 10000-60305 | 5   | PC |
| 80 | CYLINDER HEAD ASSEMBLY               | 10000-60346 | 1   | PC |
| 81 | CYLINDER HEAD BOLT                   | 10000-60361 | 26  | PC |
| 82 | INJECTOR CLAMP                       | 10000-60364 | 12  | PC |
| 83 | TEEPIECE                             | 10000-60384 | 2   | PC |
| 84 | DAMPER                               | 10000-60385 | 2   | PC |
| 85 | HUB                                  | 10000-60386 | 2   | PC |
| 86 | WATER PUMP KIT                       | 10000-60387 | 2   | PC |
| 87 | PULLEY, WATER PUMP                   | 10000-60389 | 2   | PC |
| 88 | COOLING JET, PISTON                  | 10000-60343 | 6   | PC |
| 89 | BREATHER                             | 10000-60365 | 2   | PC |
| 90 | OIL PUMP                             | 10000-60379 | 2   | PC |
| 91 | OIL COOLER KIT                       | 10000-60391 | 2   | PC |
| 92 | HOSE - COOLANT                       | 10000-70527 | 5   | PC |
| 93 | REGULATOR VALVE PRESSURE             | 10000-60408 | 2   | PC |
| 94 | VALVE THERMAL ASSEMBLY               | 10000-60415 | 2   | PC |
| 95 | TURBOCHARGER                         | 10000-60427 | 1   | PC |
| 96 | MANIFOLD, EXHAUST                    | 10000-60438 | 1   | PC |
| 97 | EXHAUST MANIFOLD                     | 10000-60439 | 1   | PC |
| 98 | FAN BLADE                            | 10000-63062 | 1 1 | PC |
|    |                                      |             |     |    |

SEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

## PACKAGE V: S1-MQN24-012, 300KW FG-WILSON, MODEL: 2506A-E15TAG3, ENGINE NO. MGDF7150

| ITEM | DESCRIPTION               | PART NO.  | QTY |    |
|------|---------------------------|-----------|-----|----|
| 1    | TOP JOINT AND GASKET KIT  | KRP1546   | 3   | PC |
| 2    | VALVE, INTAKE             | CH11021   | 24  | PC |
| 3    | VALVE, EXHAUST            | CH11022   | 24  | PC |
| 4    | IINLET VALVE SEAT         | CH10731   | 24  | PC |
| 5    | EXHAUST VALVE SEAT INSERT | CH10732   | 24  | PC |
| 6    | WASHER                    | CH10716   | 48  | PC |
| 7    | COLLET, VALVE             | CH10019   | 96  | PC |
| 8    | SEAT                      | CH10715   | 48  | PC |
| 9    | SLEEVE                    | CH11311   | 12  | PC |
| 10   | SEAL, O RING              | CH10620   | 3   | PC |
| 11   | SEAL, O RING              | CH10612   | 3   | PC |
| 12   | SEAL, O RING              | CH10587   | 3   | PC |
| 13   | SEAL                      | CH11352   | 3   | PC |
| 14   | GASKET, TURBOCHARGER      | CH11471   | 3   | PC |
| 15   | SEAL, O RING              | CH11614   | 3   | PC |
| 16   | CLAMP                     | CH12794   | 6   | PC |
| 17   | RING KIT, PISTON          | KRP3018   | 12  | PC |
| 18   | PISTON KIT                | KRP3030   | 12  | PC |
| 19   | GUIDE, VALVE              | CH10724   | 48  | PC |
| 20   | SLEEVE                    | CH10708   | 12  | PC |
| 21   | BEARING KIT, BIG END      | KRP3016   | 2   | PC |
| 22   | INJECTOR EXCHANGE         | R/CH11945 | 12  | PC |
| 23   | SEAL, SUMP                | CH11846   | 2   | PC |
| 24   | LINER, CYLINDER           | CH11180   | 12  | PC |
| 25   | BAND                      | CH10673   | 12  | PC |
| 26   | OIL SEAL                  | CH10674   | 12  | PC |
| 27   | OIL SEAL                  | CH10677   | 12  | PC |
| 28   | OIL SEAL                  | CH11179   | 12  | PC |

| 29 | SEAL, FRONT END OIL      | j CH11379 | 2  | PC |
|----|--------------------------|-----------|----|----|
| 30 | BEARING KIT, MAIN        | KRP3122   | 2  | PC |
| 31 | BUSH, CAMSHAFT           | CH11228   | 14 | PC |
| 32 | GASKET, TIMING CASE      | CH10829   | 2  | PC |
| 33 | SEAL, REAR END OIL       | CH11304   | 2  | PC |
| 34 | SEAL, O RING             | CH11102   | 2  | PC |
| 35 | SEAL                     | CH10769   | 2  | PC |
| 36 | SEAL, O RING             | CH10544   | 4  | PC |
| 37 | GASKET                   | CH10579   | 2  | PC |
| 38 | SEAL, O RING             | CH10766   | 2  | PC |
| 39 | SEAL, THERMOSTAT HOUSING | CH10770   | 2  | PC |
| 40 | SEAL, THERMOSTAT HOUSING | CH10056   | 4  | PC |
| 41 | SEAL, O RING             | CH10755   | 4  | PÇ |
| 42 | SEAL, O RING             | CH11619   | 2  | PC |
| 43 | OUTER VALVE SPRING       | CH11487   | 48 | PC |
| 44 | INNER VALVE SPRING       | CH11489   | 48 | PC |
| 45 | SEAL, O RING             | T400222   | 4  | PC |
| 46 | SEAL, O RING             | CH10224   | 4  | PC |
| 47 | ARM ASSEMBLY, ROCKER     | T400223   | 12 | PC |
| 48 | SCREW                    | CH12701   | 12 | PC |
| 49 | NUT                      | T400403   | 12 | PC |
| 50 | BRIDGE PIECE             | CH12831   | 12 | PC |
| 51 | ARM ASSEMBLY, ROCKER     | T400224   | 6  | PC |
| 52 | NUT                      | CH11077   | 6  | PC |
| 53 | BOLT                     | CH10566   | 4  | PC |
| 54 | BUTTON                   | CH11078   | 6  | PC |
| 55 | BOLT                     | CH10712   | 16 | PC |
| 56 | WASHER                   | CH10711   | 26 | PC |
| 57 | BOLT                     | CH10713   | 10 | PC |
| 58 | ROD, CONNECTING ASSEMBLY | CH11507   | 6  | PC |
| 59 | PISTON COOLING JET       | CH11994   | 6  | PÇ |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

| 60 | PUMP, LIFT                 | KRP1721 | 2 | PC   |
|----|----------------------------|---------|---|------|
| 61 | CLAMP                      | CH10790 | 6 | PC   |
| 62 | STARTER MOTOR              | CH12807 | 2 | PC   |
| 63 | ARM, TENSIONER             | CH11024 | 2 | PC   |
| 64 | TURBOCHARGER               | CH11947 | 2 | PC   |
| 65 | EXHAUST MANIFOLD           | CH10774 | 2 | PC   |
| 66 | MANIFOLD, EXHAUST          | T400179 | 1 | PC   |
| 67 | PIPE, HIGH PRESSURE FUEL   | CH10999 | 2 | PC   |
| 68 | PIPE LOW PRESSURE FUEL     | CH11328 | 2 | PC   |
| 69 | PIPE, FUEL                 | CH11000 | 2 | PC   |
| 70 | PIPE, FUEL                 | CH11001 | 2 | PC   |
| 71 | FILTER HEAD FUEL           | CH12434 | 1 | PC   |
| 72 | PUMP, PRIMING              | CH10439 | 2 | PC   |
| 73 | GASKET                     | CH10008 | 2 | PC   |
| 74 | FILTER HOUSING SECONDARY   | CH11096 | 2 | PC   |
| 75 | HARNESS, WIRING            | CH11985 | 2 | PC   |
| 76 | SENSOR KIT, OIL PRESSURE   | CH12006 | 6 | РÇ   |
| 77 | AIR PRESSURE SENSOR KIT    | KRP1692 | 2 | PC   |
| 78 | KIT, AIR PRESSURE SENSOR   | KRP1693 | 2 | PC   |
| 79 | SENSOR, TEMPERATURE        | KRP1688 | 2 | PC   |
| 80 | SPEED SENSOR               | CH12004 | 2 | PC   |
| 81 | TEMPERATURE SENSOR         | KRP1687 | 2 | PC   |
| 82 | INJECTOR HARNESS           | CH10974 | 2 | PC   |
| 83 | RADIATOR FOR 2506A-E15TAG3 |         | 1 | ASSY |

## PACKAGE VI: S1-MQN24-013, 500KW PERKINS, MODEL: 2806C-E16TAG2, ENGINE NO. HBG061306

| <u>ITE</u> M | DESCRIPTION               | PART NO. |    | TY |
|--------------|---------------------------|----------|----|----|
| 1            | TOP JOINT AND GASKET KIT  | KRP1546  | 3  | PC |
| 2            | SEAT INSERT, VALVE INTAKE | CH10731  | 24 | PC |
| 3            | INLET VALVE               | CH11021  | 24 | PC |
| 4            | EXHAUST VALVE SEAT        | CH10732  | 24 | PC |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-019, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

| 5  | VALVE, EXHAUST           | CH11022   |    | PC   |
|----|--------------------------|-----------|----|------|
| 6  | WASHER                   | CH10716   | 48 | PC   |
| 7  | COTTER                   | CH10019   | 96 | PC   |
| 8  | SEAT                     | CH10715   | 48 | PC   |
| 9  | INJECTOR SLEEVE          | CH11311   | 12 | PC   |
| 10 | SEAL, O RING             | CH10620   | 3  | PC   |
| 11 | SEAL, O RING             | CH10612   | 3  | PC   |
| 12 | SEAL, O RING             | CH10587   | 3  | PC   |
| 13 | SEAL                     | CH10864   | 3  | PC   |
| 14 | SEAL, O RING             | CH11614   | 3  | PC   |
| 15 | CLAMP                    | CH12794   | 6  | PC   |
| 16 | PISTON RING KIT          | KRP1528   | 12 | PC   |
| 17 | PISTON KIT               | KRP1527   | 12 | PC   |
| 18 | GUIDE, VALVE             | CH10724   | 48 | PC   |
| 19 | SEAL, ROCKER BOX COVER   | CH11353   | 2  | PC   |
| 20 | SLEEVE                   | CH10708   | 12 | PC   |
| 21 | BIG END BEARING KIT      | KRP3012   | 2  | PC   |
| 22 | INJECTOR - EXCHANGE      | R/CH10948 | 12 | PC   |
| 23 | SUMP SEAL                | CH10887   | 2  | PC   |
| 24 | CYLINDER LINER           | CH11020   | 12 | PC   |
| 25 | BAND                     | CH10673   | 12 | PC   |
| 26 | SEAL, OIL                | CH10675   | 12 | PÇ   |
| 27 | OIL SEAL                 | CH10674   | 12 | PC   |
| 28 | OIL SEAL                 | CH10677   | 12 | PC   |
| 29 | FRONT OIL SEAL           | CH10648   | 2  | PC   |
| 30 | MAIN BEARING KIT         | KRP3116   | 2  | PC   |
| 31 | THRUST WASHER KIT        | KRP3206   | 2  | PC   |
| 32 | VALVE SPRING, OUTER      | CH10781   | 48 | PC   |
| 33 | VALVE SPRING, INNER      | CH10718   | 48 | PC   |
| 34 | CAMSHAFT BEARING         | CH11228   | 14 | PC   |
| 35 | CYLINDER HEAD AND VALVES | CH11153   | 1  | ASSY |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD PR NOS. S1-MQN24-008, S1-MQN24-019, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

| 36 | BOLT                      | CH10712 | 16 | PC |
|----|---------------------------|---------|----|----|
| 37 | ARM ASSEMBLY, ROCKER      | CH11165 | 12 | PC |
| 38 | SCREW                     | CH11162 | 12 | PC |
| 39 | NUT                       | CH10688 | 12 | PC |
| 40 | BUTTON                    | CH10689 | 12 | PC |
| 41 | BRIDGE                    | CH10680 | 12 | PC |
| 42 | ARM ASSEMBLY, ROCKER      | CH11161 | 6  | PC |
| 43 | SCREW                     | CH11076 | 6  | PC |
| 44 | RING, SNAP                | CH10581 | 1  | PC |
| 45 | BALL BEARING              | CH10004 | 2  | PC |
| 46 | GEAR, FUEL INJECTION PUMP | CH10592 | 1  | PC |
| 47 | O RING                    | CH10590 | 1  | PC |
| 48 | ROD, CONNECTING           | CH10605 | 6  | PC |
| 49 | COOLING JET, PISTON       | CH10603 | 6  | PC |
| 50 | CLAMP                     | CH10790 | 6  | PC |
| 51 | PUMP, LIFT                | KRP1555 | 2  | PC |
| 52 | WIRING HARNESS            | CH10974 | 2  | PC |
| 53 | CORE (FUEL COOLER)        | CH11116 | 2  | PC |
| 54 | HOSE ASSEMBLY             | CH11118 | 2  | PC |
| 55 | STARTER MOTOR             | CH11089 | 1  | PC |
| 56 | BELT TENSIONER            | CH11024 | 1  | PC |
| 57 | FAN                       | CH11085 | 1  | PC |
| 58 | FAN ADAPTOR               | CH11026 | 1  | PC |
| 59 | FAN DRIVE HOUSING         | CH11091 | 1  | PC |
| 60 | OIL PUMP                  | CH10860 | 1  | PC |
| 61 | HEAD, OIL FILTER          | CH11250 | 1  | PC |
| 62 | FILTER HOUSING            | KRP1570 | 1  | PC |
| 63 | COOLER, OIL               | CH10903 | 1  | PC |
| 64 | THERMOSTAT KIT            | KRP1554 | 1  | PC |
| 65 | DAMPER                    | CH10779 | 1  | PÇ |
| 66 | FILTER HOUSING            | CH11096 | 2  | PC |

DIESEL GENERATING SETS OF MONLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

| 67 | FUEL FEED PIPE       | CH10999   | 2 | PC   |
|----|----------------------|-----------|---|------|
| 68 | PIPE, FUEL           | CH11000   | 2 | PC   |
| 69 | RADIATOR             | CH11062   | 1 | ASSY |
| 70 | SENSOR, TEMPERATURE  | KRP1556   | 4 | PC   |
| 71 | SENSOR               | KRP1558   | 4 | PC   |
| 72 | SENSOR, SPEED        | KRP1561   | 4 | PC   |
| 73 | SENSOR, TEMPERATURE  | KRP1557   | 8 | PC   |
| 74 | SENSOR               | KRP1560   | 4 | PC   |
| 75 | SENSOR, OIL PRESSURE | KRP1559   | 4 | PC   |
| 76 | SENSOR, SPEED        | KRP1551   | 4 | PC   |
| 77 | HARNESS, WIRING      | CH10972   | 2 | PC   |
| 78 | WATER PUMP KIT       | KRP1553   | 1 | PC   |
| 79 | ALTERNATOR           | CH11087   | 1 | PC   |
| 80 | FILTER HEAD, FUEL    | CH11075   | 1 | PC   |
| 81 | TURBOCHARGER         | P/CH10899 | 1 | PC   |

#### TS-3.0 **DELIVERY PERIOD AND LOCATION**

The delivery period shall be ONE HUNDRED TWENTY (120) CALENDAR DAYS reckoned from receipt of Notice to Proceed.

The spare parts shall be delivered to National Power Corporation, MQNLOD Office, Newtown Rd, Minuyan, San Jose Del Monte, Bulacan.

The Supplier shall be responsible for visiting the site and take particular reference to its accessibility, means of communication and transportation, and all other factors that could hamper the smooth execution of the contract.

Any and/or all expenses arising through the lack of knowledge or understanding regarding the existing conditions of the site shall be the responsibility of the Supplier and no additional payment thereof shall be made by NPC.

#### TS-4.0 **ACCEPTANCE CRITERIA**

The Supplier shall perform at his own expense all inspection required to ensure adequacy of design, material, workmanship and conformance of the supplied spare parts to the requirements of the specifications and standards.

DIESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

Necessary inspections at the place of delivery shall also be conducted with the presence of NPC representative.

Upon arrival of spare parts at delivery site, NPC and the Supplier or their authorized representatives, shall jointly verify the spare parts following the steps below:

- a. Inspection and verification of the packing list;
- b. Visual inspection of the condition of the packing and its surfaces; and
- c. Partial opening of the crates and plastic sheet protection of spare parts to verify the content and its physical condition and to check pilferage or damage during shipment and storage.

A record shall be prepared carefully noting all eventual shortages, defects or damages, signed by the Supplier and concurred by NPC. All shortages and damages noted shall be immediately replaced by the Supplier at his own cost and shall ensure the timely delivery of replacement without affecting the agreed overall contract implementation schedule.

Acceptance certificate shall be issued only after all the required inspection and verification are satisfactorily conducted and performed.

If any spare part fails to pass the inspection, NPC may at his own judgment, direct the Supplier to replace the spare parts.

#### TS-5.0 DRAWINGS AND DOCUMENTS TO BE SUBMITTED

- a. To be submitted with the bid
  - a.1 Completely filled-out Technical Data Sheets.
  - a.2 Authorization to bid from any of the following:
    - a.2.1 Original Equipment Manufacturer (OEM).
    - a.2.2 <u>Authorized Manufacturer/ Integrator/ Assembler of OEM Parts</u> with corresponding Authorization Letter from the OEM:
    - a.2.3 <u>Licensee</u> of the OEM with corresponding License issued by the OEM;
    - a.2.4 Distributor/Dealer, a Certificate of Authorized Distributorship/Dealership from the OEM or Authorized Manufacturer of OEM Parts or Licensee of the OEM. In case the Certificate of Authorized Distributorship / Dealership is issued by the Authorized Manufacturer of OEM Parts or Licensee of the OEM, it should be accompanied with corresponding Authorization Letter from the OEM per item (a.2.2) above.

IESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

(The authority can be acquired from OEM, Manufacturer of OEM Parts or Licensee of the OEM.)

- b. To be submitted before/ during delivery of spare parts
  - b.1 "Certificate of Origin" from the Manufacturer.
  - b.2 "Warranty" Certificate for one (1) year against factory defects/workmanship.

#### TS-6.0 GUARANTEE

The Supplier shall guarantee the replacement of the supplied spare parts at his own expense against defect in design, workmanship and materials for a period of one (1) year after acceptance by NPC.

The Supplier shall submit a Warranty Certificate (at least 1 year) effective from the date of acceptance by NPC.

#### **SECTION VI**

# TECHNICAL SPECIFICATIONS

(PART II - TECHNICAL DATA SHEETS)

### Section VI - Technical Specifications

### Part II - Technical Data Sheets

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#### PART II - TECHNICAL DATA SHEETS

## SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD.

- The Bidder shall complete this technical data sheet and submit the filled-up form with the technical proposal.
   The Bidder shall use continuation sheets as necessary for any other additional information keeping to the format shown herein or by reproducing the same.
- 2. NPC reserves the right to reject Bids without proper and/or specific data and information as required herein.
- The data required are technical features and characteristics of the Equipment/Component/Parts to be provided by the bidder. Bidder's proposal shall at least be equal or superior to the requirements specified by NPC.

#### 1.0 SPARE PARTS DATA

#### **PACKAGE I**

Engine Nos. <u>PR82603R</u> Engine Serial No. <u>005765A</u> Model No. <u>1106A-70TAG2</u>

Make: FG-WILSON

| ITEM     | DESCRIPTION             | NPC REQUIREMENTS |        | SUPPLI<br>DAT |     |
|----------|-------------------------|------------------|--------|---------------|-----|
| 11 = 191 | DESCRIPTION PART NO. QT |                  | QTY    | PART<br>NO.   | QTY |
| 1        | SEAL - O RING           | 986-164          | 12 PC  |               |     |
| 2        | WASHER 10PCS/PACK       | 988-955          | 1 PACK |               |     |
| 3        | INDUCTION MANIFOLD      | 915-830          | 12 PC  |               |     |
| 4        | GASKET - IND MANIFOLD   | 915-786          | 12 PC  |               | ·   |
| 5        | CAMSHAFT                | 10000-60145      | 1 PC   |               |     |
| 6        | KEY                     | 929-511          | 12 PC  |               | 1   |
| 7        | PUSH ROD                | 907-003          | 12 PC  |               |     |
| 8        | SCREW                   | 10000-05645      | 6 PC   |               |     |
| 9        | SPACER                  | 10000-05664      | 6 PC   |               |     |
| 10       | REAR HOUSING SEAL       | 998-712          | 6 PC   |               |     |
| 11       | BOLT                    | 915-744          | 12 PC  |               |     |
| 12       | PLUG                    | 987-071          | 24 PC  |               |     |
| 13       | PLUG                    | 986-983          | 24 PC  |               |     |

| 14 | PLUG                         | 929-735     | 24 | PC   |
|----|------------------------------|-------------|----|------|
| 15 | FUEL FILTER BOWL             | 10000-12566 | 6  | PC   |
| 16 | CYLINDER HEAD BOLT           | 10000-60100 | 12 | PC   |
| 17 | ROCKER SHAFT ASSEMBLY        | 10000-60142 | 1  | PC   |
| 18 | ROCKER SHAFT ASSY -<br>MINOR | 10000-60148 | 1  | PC   |
| 19 | ROCKER ARM ASSEMBLY          | 915-816     | 6  | PC   |
| 20 | NUT 10PCS/PACK               | 973-827     | 2  | PACK |
| 21 | SCREW                        | 994-255     | 6  | PC   |
| 22 | CIRCLIP 10PCS/PACK           | 980-189     | 2  | PACK |
| 23 | WASHER                       | 915-688     | 12 | PC   |
| 24 | SCREW                        | 915-701     | 12 | PC   |
| 25 | SCREW                        | 915-700     | 12 | PC   |
| 26 | VALVE COLLET 10PCS/PACK      | 10000-57653 | 4  | PACK |
| 27 | CAP                          | 10000-60147 | 24 | PC   |
| 28 | VALVE SPRING                 | 10000-67811 | 24 | PC   |
| 29 | EXHAUST VALVE STEM SEAL      | 10000-00118 | 24 | PC   |
| 30 | KIT, WATER PUMP              | 10000-82615 | 1  | PC   |
| 31 | GASKET                       | 10000-52701 | 6  | PC   |
| 32 | SCREW 10PCS/PACK             | 909-220     | 1  | PACK |
| 33 | SCREW 10PCS/PACK             | 994-963     | 1  | PACK |
| 34 | SCREW 10PCS/PACK             | 929-426     | 1  | PACK |
| 35 | SEAL - FRONT END OIL         | 10000-05563 | 6  | PC   |
| 36 | WOODRUFF KEY                 | 929-511     | 6  | PC   |
| 37 | THRUST WASHER KIT            | 10000-52810 | 6  | PC   |
| 38 | MAIN BEARING KIT             | 10000-55650 | 4  | PC   |
| 39 | PISTON RING KIT              | 10000-05804 | 6  | PC   |
| 40 | CIRCLIP 10PCS/PACK           | 981-980     | 1  | PACK |
| 41 | CON ROD ASSEMBLY             | 10000-49712 | 6  | PC   |
| 42 | SMALL END BUSH               | 10000-05616 | 6  | PC   |
| 43 | BOLT, CONNECTING ROD         | 10000-48969 | 6  | PC   |
| 44 | BLANKING PLATE               | 915-775     | 6  | PC   |
| 45 | GASKET - OIL FILTER HEAD     | 915-792     | 6  | PC   |
|    | -t,                          | 1_          |    |      |

ESEL GENERATING SETS OF MQNLOD
PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010,
S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

| 46 | BLANKING PLATE              | 10000-05695 | 6  | PC |          |  |
|----|-----------------------------|-------------|----|----|----------|--|
| 47 | GASKET                      | 10000-05717 | 6  | PC |          |  |
| 48 | TOP GASKET KIT              | 10000-00116 | 4  | PC |          |  |
| 49 | INTAKE VALVE                | 10000-90192 | 12 | PC |          |  |
| 50 | VALVE EXHAUST               | 10000-57659 | 12 | PC |          |  |
| 51 | VALVE SEAT INSERT           | 10000-79308 | 24 | PC |          |  |
| 52 | VALVE SEAT INSERT           | 10000-79309 | 24 | PC |          |  |
| 53 | VALVE GUIDE                 | 10000-60143 | 24 | PC |          |  |
| 54 | PISTON AND RING KIT         | 10000-68875 | 12 | PC |          |  |
| 55 | SEAL - INJECTOR             | 10000-00097 | 12 | PC | <b>.</b> |  |
| 56 | GASKET - TIMING CASE        | 10000-05411 | 2  | PC |          |  |
| 57 | FUEL INJECTION PUMP         | 10000-68623 | 1  | PC |          |  |
| 58 | FUEL LIFT PUMP              | 10000-60118 | 2  | PC |          |  |
| 59 | STARTER MOTOR               | 10000-68878 | 2  | PC |          |  |
| 60 | SENSOR, OIL TEMPERATURE     | 915-756     | 5  | PC |          |  |
| 61 | SENSOR, COOLANT LEVEL       | 622-312     | 5  | PC |          |  |
| 62 | DIODE KIT                   | 10000-62226 | 1  | PC |          |  |
| 63 | TURBOCHARGER                | 10000-61759 | 1  | PC |          |  |
| 64 | LUBE OIL PRESSURE<br>SENSOR | 320-3064    | 5  | PC | -        |  |

#### **PACKAGE II**

Engine No. YD37746

Engine Serial No. <u>O957806X</u>

Model No. <u>1006-TAG</u> Make: PERKINS

| ITEM    | DESCRIPTION            | NPC REQUIR | SUPPL<br>DA |             |     |
|---------|------------------------|------------|-------------|-------------|-----|
| 114-191 |                        | PART NO.   | QTY         | PART<br>NO. | QTY |
| 1       | INJECTOR               | 2645A060   | 24 PC       |             |     |
| 2       | CYLINDER HEAD KIT      | ZZ80228    | 2 PC        | <u> </u>    |     |
| 3       | GASKET - CYLINDER HEAD | 3681H208   | 4 PC        |             |     |
| 4       | PISTON KIT             | U5LF0021   | 12 PC       |             |     |
| 5       | PISTON RING KIT        | 4181A026   | 12 PC       |             |     |
| 6       | MAIN BEARING KIT       | U5MB0030   | 4 PC        |             |     |

| 7  | BIG END BEARING KIT     | U5ME0035   | 4  | PC | <u> </u>    |             |
|----|-------------------------|------------|----|----|-------------|-------------|
| 8  | LINER - PRESS FIT       | 3135X063   | 18 | PC |             |             |
| 9  | OIL PUMP                | 4132F057   | 2  | PC | <del></del> |             |
| 10 | ELECTRONIC GOVERNOR KIT | U5MK0669   | 2  | PC | <u> </u>    |             |
| 11 | FUEL INJECTION PUMP     | 2643D641   | 2  | PC |             |             |
| 12 | SPEED SENSOR            | 2868A006   | 10 | PC |             | <u> </u>    |
| 13 | STARTER MOTOR           | 2873K621   | 2  | PC |             | <del></del> |
| 14 | OIL COOLER              | 2486A972   | 2  | PC |             |             |
| 15 | GASKET - OIL COOLER     | 3684N026   | 4  | PC |             |             |
| 16 | PULLEY, CRANKSHAFT      | 3115T111   | 2  | PC |             |             |
| 17 | DAMPER                  | 3321A009   | 2  | PC |             |             |
| 18 | PUMP, WATER REPAIR KIT  | U5MW0160   | 2  | PÇ |             |             |
| 19 | THERMOSTAT              | 2485613    | 2  | PC |             |             |
| 20 | FAN                     | 2485C527   | 2  | PC |             |             |
| 21 | ALTERNATOR              | 2871A141   | 2  | PC |             |             |
| 22 | TURBOCHARGER            | 2674A335   | 2  | PC |             |             |
| 23 | OIL PRESSURE SWITCH     | 2848A013   | 10 | PC | <u> </u>    |             |
| 24 | RADIATOR                | 2485B243   | 2  | PC |             |             |
| 25 | AVR STAMFORD AS440      | E000-24403 | 4  | PC | ļ           |             |

#### **PACKAGE III**

Engine No. 8B27396U85293V & 8C27397U84704U

Engine Serial No. 24 & 11

Model No. 2006-TG1 & 2006-TAG

Make: PERKINS

| ITEM | DESCRIPTION                             | NPC REQU | SUPPLIER'S<br>DATA |    |             |     |
|------|---|----------|--------------------|----|-------------|-----|
|      |   | PART NO. | Q                  | TY | PART<br>NO. | QTY |
| 1    | OVERHAUL KIT, TOP                       | KRP1262  | 7                  | PC |             |     |
| 2    | NOZZLE, FUEL INJECTOR (4<br>HOLE X .42) | OD20281  | 18                 | PC |             |     |
| 3    | INSERT EXHAUST VALVE                    | OE49094  | 18                 | PC |             |     |
| 4    | INSERT INLET VALVE                      | OE50118  | 18                 | PC |             |     |
| 5    | SEATING, LOWER INLET                    | OE42266  | 18                 | PC | <del></del> |     |
| 6    | VALVE, INLET                            | OE50588  | 36                 | PC |             |     |

S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

#### SECTION VI - TECHNICAL SPECIFICATIONS

VALVE, EXHAUST (NIMONIC) OE50589 36 PC 8 **ROTO-COIL UNIT** OE49262 18 PC 9 COTTER OE2582 72 PC 10 SEATING, UPPER OE30935 36 PC 11 **BEARING KIT, BIG-END** KRP3008 PC 12 RING KIT, PISTON KRP1251 5 PC **VALVE GUIDE - INLET** 13 OE47043 18 PC 14 VALVE GUIDE - EXHAUST OE47044 18 PC 15 SLEEVE, INJECTOR OE50207 PC 18 16 **PUSH ROD** PC OE42184 36 17 **TAPPET** OE50775 36 PC 18 WASHER, THRUST (OE 1687 & KRP3200 PC OE 1688) 19 **BEARING KIT, MAIN** KRP3107 3 PC SEAL, REAR C/SHAFT 20 OE50255 3 PC 21 BUSH, CAMSHAFT (FRONT C/C) OE50629 PC 3 22 **PISTON AND LINER KIT KRP1261** 18 PC 23 OVERHAUL KIT, BOTTOM KRP1263 3 PC 24 SPRING, VALVE OUTER OE42300 18 PC 25 SPRING, VALVE INNER OE42301 18 PC 26 SPRING, VALVE INNER EXH **OE49260** 18 PC 27 SPRING, VALVE OUTER EXH OE49261 18 PC 28 SEAL, FRONT C/SHAFT OE50254 3 PC 29 ALTERNATOR, CHARGE 24VDC OD20798 2 PC 30 **SWITCH, TEMPERATURE 106** CH12893 PC DEG, C 31 SWITCH, OIL PRESSURE 18 CH12894 5 PC PSI 32 SOLENOID (24V) OE52318 2 PC 33 **CLEVIS ASSEMBLY** OE52495 2 PC 34 PUMP ASSEMBLY, COOLANT 2 PC OE51145 35 RING, SEALING 1,450 DIA ST45119 12 PC 36 RING, SEALING OE48311 6 PC 37 **THERMOSTAT** OE49554 2 PC 38 CONE, REAR **OE2789** PC 2

| 39 | CONE, FRONT                       | OE46297   | 2  | PC |              | <u> </u> |
|----|-----------------------------------|-----------|----|----|--------------|----------|
| 40 | LEVER & BALL JOINT ASSEMBLY       | OD21343   | 3  | PC |              |          |
| 41 | INJECTOR ASSEMBLY                 | OD20362   | 18 | PC |              |          |
| 42 | PIPE, SPILL ASSEMBLY              | OD2392    | 12 | PC |              |          |
| 43 | PIPE, ASSEMBLY SPILL              | OD20726   | 2  | PC |              | -        |
| 44 | PIPE, INJECTOR SPILL<br>ASSEMBLY  | OD20300   | 2  | PC |              |          |
| 45 | PIPE, PUMP SPILL ASSEMBLY         | OD20301   | 2  | PC |              |          |
| 46 | PIPE, INJCTN NO 1 CYL<br>ASSEMBLY | OD20388   | 2  | PC |              |          |
| 47 | PIPE, INJCTN NO 2 CYL<br>ASSEMBLY | OD20389   | 2  | PC |              |          |
| 48 | PIPE, INJCTN NO 3 CYL<br>ASSEMBLY | OD20390   | 2  | PC |              |          |
| 49 | PIPE, INJCTN NO 4 CYL<br>ASSEMBLY | OD20391   | 2  | PC |              |          |
| 50 | PIPE, INJCTN NO 5 CYL<br>ASSEMBLY | OD20392   | 2  | PC |              |          |
| 51 | PIPE, INJCTN NO 6 CYL<br>ASSEMBLY | OD20393   | 2  | PC | ·            |          |
| 52 | STARTER MOTOR                     | OD21858/2 | 2  | PC |              |          |
| 53 | TURBOCHARGER ASSEMBLY             | OE50642/1 | 2  | PC |              |          |
| 54 | ACTUATOR, WOODWARD<br>TYPE 1724   | 8256-016  | 2  | PC |              |          |
| 55 | CONTROLLER, GOVERNOR              | 8290-191  | 3  | PC | ·            |          |
| 56 | COOLING JET, PISTON<br>ASSEMBLY   | OE50535   | 6  | PC |              | -        |
| 57 | RADIATOR ASSEMBLY (163KW)         | OE50571   | 3  | PC |              |          |
| 58 | RADIATOR ASSEMBLY (260KW)         | OE50435   | 3  | PC | <del> </del> |          |
|    |                                   |           | ·  |    | 1            |          |

#### **PACKAGE IV**

Engine No. WU5529P Engine Serial No. M2318 Model No. 1606A-E93TAG4

Make: FG-WILSON

| ITEM   | DESCRIPTION          | NPC REQUIREMENTS PART NO. QTY |    | SUPPL<br>DA | _   |  |
|--------|----------------------|-------------------------------|----|-------------|-----|--|
| (12)41 | DESCRIPTION          |                               |    | PART<br>NO. | QTY |  |
| 1      | GASKET               | 10000-61681                   | 4  | PC          |     |  |
| 2      | CYLINDER HEAD GASKET | 10000-60360                   | 4  | PC          |     |  |
| 3      | KIT SEAL             | 10000-60363                   | 24 | PC          |     |  |

| 4  | GASKET - INDUCTION<br>MANIFOLD | 10000-60419 | 4  | PC | ]            |  |
|----|--------------------------------|-------------|----|----|--------------|--|
| 5  | SEAL                           | 10000-60425 | 4  | PC | <del></del>  |  |
| 6  | GASKET                         | 10000-60426 | 4  | PC |              | <del> </del>                                     |
| 7  | VALVE STEM SEAL                | 10000-60351 | 96 | PC |              | <del> </del>                                     |
| 8  | GASKET - TURBOCHARGER          | 10000-60428 | 4  | PC | <u> </u>     | <del> </del>                                     |
| 9  | JOINT                          | 908-359     | 4  | PC |              | -  |
| 10 | GASKET - EXHAUST MANIFOLD      | 10000-60440 | 4  | PC |              |  |
| 11 | SLEEVE                         | 10000-60347 | 12 | PC |              | <u> </u>   |
| 12 | KEY                            | 10000-60348 | 96 | PC |              |  |
| 13 | ROTATOR                        | 10000-60349 | 48 | PC |              | <del>                                     </del> |
| 14 | VALVE SEAT INSERT              | 10000-60353 | 24 | PĊ |              | 1  |
| 15 | INTAKE VALVE                   | 10000-60354 | 24 | PC |              | <del>                                     </del> |
| 16 | INSERT EXHAUST VALVE           | 10000-60355 | 24 | PC |              | 1  |
| 17 | EXHAUST VALVE                  | 10000-60356 | 24 | PC |              | 1  |
| 18 | SLEEVE                         | 10000-60357 | 12 | PC |              | <del> </del>                                     |
| 19 | SUMP GAGSKET                   | 10000-60234 | 3  | PC |              |  |
| 20 | PISTON RING KIT                | 10000-60341 | 18 | PC |              | -  |
| 21 | BIG END BEARING KIT            | 10000-47145 | 18 | PC |              |  |
| 22 | PUSH ROD                       | 10000-60194 | 24 | PC |              |  |
| 23 | TAPPET                         | 10000-45566 | 24 | PC |              |  |
| 24 | GUI <b>DE</b>                  | 905-123     | 12 | PC |              | <del></del>                                      |
| 25 | VALVE GUIDE                    | 10000-60352 | 48 | PC | <b></b>      | 1  |
| 26 | INJECTOR KIT                   | 10000-60362 | 18 | PC | <del>-</del> | <del>                                     </del> |
| 27 | SEAL - REAR END OIL            | 10000-60190 | 3  | PC |              | <u> </u>   |
| 28 | MAIN BEARING KIT               | 10000-60188 | 18 | PC |              | <del>                                     </del> |
| 29 | MAIN BEARING KIT THRUST        | 10000-60189 | 3  | PC |              | 1  |
| 30 | SEAL - O RING                  | 10000-64916 | 3  | PC |              |  |
| 31 | SEAL                           | 10000-60207 | 3  | PC |              |  |
| 32 | SEAL - TIMING CASE COVER       | 10000-60217 | 3  | PC |              |  |
| 33 | SEAL - TIMING CASE COVER       | 10000-60218 | 3  | PC |              |  |
| 34 | SEAL - TIMING CASE COVER       | 10000-60219 | 3  | PC |              |  |
| 35 | SEAL - TIMING CASE COVER       | 10000-60220 | 3  | PC |              |  |

|    |  |             |    | -            |             |  |
|----|--|-------------|----|--------------|-------------|--|
| 36 | SEAL - TIMING CASE COVER               | 10000-60221 | 3  | PC           |             |  |
| 37 | SEAL - TIMING CASE COVER               | 10000-60223 | 3  | PC           |             |  |
| 38 | SEAL - TIMING CASE COVER               | 10000-60224 | 3  | PC           |             |  |
| 39 | GASKET FLYWHEEL HOUSING                | 10000-60278 | 3  | PC           |             | <del> </del>                                     |
| 40 | GASKET - FUEL FILTER                   | 10000-60303 | 3  | PC           | <u> </u>    | -  |
| 41 | GASKET - FUEL FILTER                   | 10000-60323 | 3  | PC           |             |  |
| 42 | CAMSHAFT BUSH SET                      | 10000-60331 | 3  | PC           |             |  |
| 43 | PISTON AND LINER KIT                   | 10000-60337 | 18 | PC           |             |  |
| 44 | SEAL - CAMSHAFT                        | 10000-60342 | 3  | PC           |             |  |
| 45 | WASHER                                 | 902-120     | 3  | PC           |             |  |
| 46 | WOODRUFF KEY                           | 989-299     | 3  | PC           |             |  |
| 47 | SEAL - OIL FRONT END                   | 10000-13299 | 3  | PC           |             |  |
| 48 | SEAL - WATER PUMP                      | 10000-60388 | 3  | PC           |             |  |
| 49 | SEAL - BREATHER                        | 10000-60373 | 3  | PC           |             |  |
| 50 | SEAL - OIL PUMP                        | 10000-60381 | 3  | PC           |             |  |
| 51 | SEAL - OIL PUMP                        | 10000-60380 | 3  | PC           |             | -  |
| 52 | GASKET KIT                             | 10000-60401 | 3  | PC           |             |  |
| 53 | VALVE SPRING                           | 10000-60350 | 48 | PC           |             |  |
| 54 | BOLT, METRIC                           | 974-318     | 6  | PC           |             | -  |
| 55 | CONNECTING ROD ASSEMBLY                | 10000-52739 | 6  | PC           |             | <del>                                     </del> |
| 56 | ROCKER SHAFT ASSEMBLY                  | 10000-60195 | 2  | PC           |             |  |
| 57 | THERMOSTAT ASSEMBLY                    | 10000-60205 | 3  | PC           |             | <del> </del>                                     |
| 58 | WATER OUTLET CONNECTION                | 10000-60204 | 2  | PC           | <del></del> | <u> </u>   |
| 59 | DRIVE, BELT TENSIONER                  | 10000-60211 | 2  | PC           | <del></del> |  |
| 60 | TIMING COVER                           | 10000-60222 | 1  | PC           |             | <del>                                     </del> |
| 61 | SUMP                                   | 10000-61234 | 1  | PC           |             |  |
| 62 | HARNESS, WIRING                        | 10000-60246 | 3  | PC           |             |  |
| 63 | SENSOR, INJECTOR CONTROL<br>PRESSURE   | 10000-60265 | 6  | PC           |             |  |
| 64 | SENSOR, OIL PRESSURE<br>ENGINE         | 10000-60269 | 12 | PC           |             |  |
| 65 | SENSOR, TEMPERATURE AIR,<br>SENSOR KIT | 10000-60271 | 6  | PC           |             |  |
| 66 | SENSOR, AIR PRESSURE                   | 10000-60273 | 6  | PC           |             |  |
| 67 | SENSOR TEMPERATURE                     | 10000-60267 | 12 | PC           |             |  |
|    |  |             |    | <del> </del> |             |  |

| 68 | SENSOR CRANKSHAFT POSITION           | 10000-60263 | 6  | PC |            |  |
|----|--------------------------------------|-------------|----|----|------------|--|
| 69 | SENSOR CAMSHAFT POSITION             | 10000-60261 | 6  | PC |            |  |
| 70 | WATER TEMPERATURE<br>SENSOR          | 10000-60313 | 6  | PC |            | <del>                                     </del> |
| 71 | FUEL INJECTION PUMP HIGH<br>PRESSURE | 10000-60282 | 2  | PC |            |  |
| 72 | FUEL LIFT PUMP                       | 10000-42443 | 2  | PC |            |  |
| 73 | PIPE FUEL HOSE                       | 10000-60291 | 5  | PC |            |  |
| 74 | FUEL FILTER ASSEMBLY                 | 10000-60300 | 2  | PC |            |  |
| 75 | PIPE FUEL                            | 10000-60304 | 5  | PC |            |  |
| 76 | CHECK VALVE INLET PIPE               | 10000-60315 | 5  | PC | -          |  |
| 77 | STRAINER ASSEMBLY                    | 10000-60318 | 5  | PC |            |  |
| 78 | PRESSURE VALVE                       | 10000-60322 | 5  | PC |            |  |
| 79 | FUEL PIPE                            | 10000-60305 | 5  | PC |            | -  |
| 80 | CYLINDER HEAD ASSEMBLY               | 10000-60346 | 1  | PC | <u>-</u> - |  |
| 81 | CYLINDER HEAD BOLT                   | 10000-60361 | 26 | PC |            |  |
| 82 | INJECTOR CLAMP                       | 10000-60364 | 12 | PC |            |  |
| 83 | TEEPIECE                             | 10000-60384 | 2  | PC |            |  |
| 84 | DAMPER                               | 10000-60385 | 2  | PC |            |  |
| 85 | HUB                                  | 10000-60386 | 2  | PC |            |  |
| 86 | WATER PUMP KIT                       | 10000-60387 | 2  | PC |            | 1  |
| 87 | PULLEY, WATER PUMP                   | 10000-60389 | 2  | PC | <u> </u>   |  |
| 88 | COOLING JET, PISTON                  | 10000-60343 | 6  | PC |            |  |
| 89 | BREATHER                             | 10000-60365 | 2  | PC | <u> </u>   |  |
| 90 | OIL PUMP                             | 10000-60379 | 2  | PC |            |  |
| 91 | OIL COOLER KIT                       | 10000-60391 | 2  | PC | -          |  |
| 92 | HOSE - COOLANT                       | 10000-70527 | 5  | PC |            |  |
| 93 | REGULATOR VALVE<br>PRESSURE          | 10000-60408 | 2  | PC |            |  |
| 94 | VALVE THERMAL ASSEMBLY               | 10000-60415 | 2  | PC |            |  |
| 95 | TURBOCHARGER                         | 10000-60427 | 1  | PC |            |  |
| 96 | MANIFOLD, EXHAUST                    | 10000-60438 | 1  | PC |            |  |
| 97 | EXHAUST MANIFOLD                     | 10000-60439 | 1  | PC | · · ·      |  |
| 98 | FAN BLADE                            | 10000-63062 | 1  | PC |            |  |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008. S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

#### **PACKAGE V**

Engine Nos. MDGF7150 Engine Serial No. U10596A Model Nos. 2506A-E15TAG3

Make: FG-WILSON

| ITEM      | DESCRIPTION               | NPC REQU  | SUPPLIER'S<br>DATA |    |                |            |
|-----------|---------------------------|-----------|--------------------|----|----------------|------------|
| 1 1 2-14P |                           | PART NO.  | Q                  | TY | PART<br>NO.    | .QTY       |
| 1         | TOP JOINT AND GASKET KIT  | KRP1546   | 3                  | PC |                | <u> </u>   |
| 2         | VALVE, INTAKE             | CH11021   | 24                 | PC |                |            |
| 3         | VALVE, EXHAUST            | CH11022   | 24                 | PC |                |            |
| 4         | IINLET VALVE SEAT         | CH10731   | 24                 | PC |                |            |
| 5         | EXHAUST VALVE SEAT INSERT | CH10732   | 24                 | PC |                |            |
| 6         | WASHER                    | CH10716   | 48                 | PC |                |            |
| 7         | COLLET, VALVE             | CH10019   | 96                 | PC |                | -          |
| 8         | SEAT                      | CH10715   | 48                 | PC |                |            |
| 9         | SLEEVE                    | CH11311   | 12                 | PC |                | -          |
| 10        | SEAL, O RING              | CH10620   | 3                  | PC |                |            |
| 11        | SEAL, O RING              | CH10612   | 3                  | PC | -              |            |
| 12        | SEAL, O RING              | CH10587   | 3                  | PC |                |            |
| 13        | SEAL                      | CH11352   | 3                  | PC |                |            |
| 14        | GASKET, TURBOCHARGER      | CH11471   | 3                  | PC | <del>_</del> . |            |
| 15        | SEAL, O RING              | CH11614   | 3                  | PC |                | ļ <u> </u> |
| 16        | CLAMP                     | CH12794   | 6                  | PC |                |            |
| 17        | RING KIT, PISTON          | KRP3018   | 12                 | PC |                |            |
| 18        | PISTON KIT                | KRP3030   | 12                 | PC | <del></del>    |            |
| 19        | GUIDE, VALVE              | CH10724   | 48                 | PC |                |            |
| 20        | SLEEVE                    | CH10708   | 12                 | PC |                |            |
| 21        | BEARING KIT, BIG END      | KRP3016   | 2                  | PC |                |            |
| 22        | INJECTOR EXCHANGE         | R/CH11945 | 12                 | PC |                |            |
| 23        | SEAL, SUMP                | CH11846   | 2                  | PC |                |            |
| 24        | LINER, CYLINDER           | CH11180   | 12                 | PC | <u>-</u>       |            |
| 25        | BAND                      | CH10673   | 12                 | PC | _              |            |
| 26        | OIL SEAL                  | CH10674   | 12                 | PC |                |            |
| 27        | OIL SEAL                  | CH10677   | 12                 | PC |                |            |

| 28 | OIL SEAL                    | CH11179 | 12 | PC | ] | 1              |
|----|-----------------------------|---------|----|----|---|----------------|
| 29 | SEAL, FRONT END OIL         | CH11379 | 2  | PC |   | 1              |
| 30 | BEARING KIT, MAIN           | KRP3122 | 2  | PC |   |                |
| 31 | BUSH, CAMSHAFT              | CH11228 | 14 | PC |   | 1              |
| 32 | GASKET, TIMING CASE         | CH10829 | 2  | PC |   | 1              |
| 33 | SEAL, REAR END OIL          | CH11304 | 2  | PC |   |                |
| 34 | SEAL, O RING                | CH11102 | 2  | PC |   |                |
| 35 | SEAL                        | CH10769 | 2  | PC |   |                |
| 36 | SEAL, O RING                | CH10544 | 4  | PC |   |                |
| 37 | GASKET                      | CH10579 | 2  | PC |   | -              |
| 38 | SEAL, O RING                | CH10766 | 2  | PC |   |                |
| 39 | SEAL, THERMOSTAT HOUSING    | CH10770 | 2  | PC |   |                |
| 40 | SEAL, THERMOSTAT HOUSING    | CH10056 | 4  | PC |   |                |
| 41 | SEAL, O RING                | CH10755 | 4  | PC |   |                |
| 42 | SEAL, O RING                | CH11619 | 2  | PC |   |                |
| 43 | OUTER VALVE SPRING          | CH11487 | 48 | PC |   |                |
| 44 | INNER VALVE SPRING          | CH11489 | 48 | PC |   | <u> </u>       |
| 45 | SEAL, O RING                | T400222 | 4  | PC |   |                |
| 46 | SEAL, O RING                | CH10224 | 4  | PC |   | <u>-</u>       |
| 47 | ARM ASSEMBLY, ROCKER        | T400223 | 12 | PC |   |                |
| 48 | SCREW                       | CH12701 | 12 | PC |   |                |
| 49 | NUT                         | T400403 | 12 | PC |   | <u> </u>       |
| 50 | BRIDGE PIECE                | CH12831 | 12 | PC |   |                |
| 51 | ARM ASSEMBLY, ROCKER        | T400224 | 6  | PC |   |                |
| 52 | NUT                         | CH11077 | 6  | PC | - |                |
| 53 | BOLT                        | CH10566 | 4  | PC |   |                |
| 54 | BUTTON                      | CH11078 | 6  | PC |   | ,              |
| 55 | BOLT                        | CH10712 | 16 | PC |   |                |
| 56 | WASHER                      | CH10711 | 26 | PC |   | <del>-  </del> |
| 57 | BOLT                        | CH10713 | 10 | PC |   | 1              |
| 58 | ROD, CONNECTING<br>ASSEMBLY | CH11507 | 6  | PC |   |                |
| 59 | PISTON COOLING JET          | CH11994 | 6  | PC |   |                |
| 60 | PUMP, LIFT                  | KRP1721 | 2  | PC | - |                |
| 61 | CLAMP                       | CH10790 | 6  | PC |   |                |

| 62 | STARTER MOTOR                  | CH12807 | 2 | PC   |          | 1 |
|----|--------------------------------|---------|---|------|----------|---|
| 63 | ARM, TENSIONER                 | CH11024 | 2 | PC   |          |   |
| 64 | TURBOCHARGER                   | CH11947 | 2 | PC   |          |   |
| 65 | EXHAUST MANIFOLD               | CH10774 | 2 | PC   | · · · ·  |   |
| 66 | MANIFOLD, EXHAUST              | T400179 | 1 | PC   | <u>.</u> |   |
| 67 | PIPE, HIGH PRESSURE FUEL       | CH10999 | 2 | PC   |          |   |
| 68 | PIPE LOW PRESSURE FUEL         | CH11328 | 2 | PC   |          | _ |
| 69 | PIPE, FUEL                     | CH11000 | 2 | PC   |          |   |
| 70 | PIPE, FUEL                     | CH11001 | 2 | PC   |          |   |
| 71 | FILTER HEAD FUEL               | CH12434 | 1 | PC   | ••       |   |
| 72 | PUMP, PRIMING                  | CH10439 | 2 | PC   |          |   |
| 73 | GASKET                         | CH10008 | 2 | PC   |          |   |
| 74 | FILTER HOUSING SECONDARY       | CH11096 | 2 | PC   |          |   |
| 75 | HARNESS, WIRING                | CH11985 | 2 | PC   |          |   |
| 76 | SENSOR KIT, OIL PRESSURE       | CH12006 | 6 | PC   |          |   |
| 77 | AIR PRESSURE SENSOR KIT        | KRP1692 | 2 | PC   |          |   |
| 78 | KIT, AIR PRESSURE SENSOR       | KRP1693 | 2 | PC   |          | - |
| 79 | SENSOR, TEMPERATURE            | KRP1688 | 2 | PC   |          | - |
| 80 | SPEED SENSOR                   | CH12004 | 2 | PC   |          |   |
| 81 | TEMPERATURE SENSOR             | KRP1687 | 2 | PC   |          |   |
| 82 | INJECTOR HARNESS               | CH10974 | 2 | PC   |          |   |
| 83 | RADIATOR FOR 2506A-<br>E15TAG3 |         | 1 | ASSY |          |   |

#### **PACKAGE VI**

Engine Nos. HGB061306 Engine Serial No. U5031N Model Nos. 2806A-E16TAG2

Make: PERKINS

| İTEM | DESCRIPTION               | NPC REQUIREMENTS |    |    | SUPPLIER'S<br>DATA |     |
|------|---------------------------|------------------|----|----|--------------------|-----|
|      |                           | PART NO.         | Q  | TY | PART<br>NO.        | QTY |
| 1    | TOP JOINT AND GASKET KIT  | KRP1546          | 3  | PC |                    |     |
| 2    | SEAT INSERT, VALVE INTAKE | CH10731          | 24 | PC |                    |     |
| 3    | INLET VALVE               | CH11021          | 24 | PC |                    |     |
| 4    | EXHAUST VALVE SEAT        | CH10732          | 24 | PC |                    |     |
| 5    | VALVE, EXHAUST            | CH11022          | 24 | PC |                    |     |

| 6  | WASHER                   | CH10716     | 48  | PC   |             |              |
|----|--------------------------|-------------|-----|------|-------------|--------------|
| 7  | COTTER                   | CH10019     | 96  | PC   |             |              |
| 8  | SEAT                     | CH10715     | 48  | PC . |             |              |
| 9  | INJECTOR SLEEVE          | CH11311     | 12  | PC   |             | · · · · · ·  |
| 10 | SEAL, O RING             | CH10620     | 3   | PC   |             |              |
| 11 | SEAL, O RING             | CH10612     | 3   | PC   |             |              |
| 12 | SEAL, O RING             | CH10587     | 3   | PC   |             |              |
| 13 | SEAL.                    | CH10864     | 3   | PC   |             | <del></del>  |
| 14 | SEAL, O RING             | CH11614     | 3   | PC   |             |              |
| 15 | CLAMP                    | CH12794     | 6   | PC   |             | <u> </u>     |
| 16 | PISTON RING KIT          | KRP1528     | 12  | PC   |             |              |
| 17 | PISTON KIT               | KRP1527     | 12  | PC   |             | <del> </del> |
| 18 | GUIDE, VALVE             | CH10724     | 48  | PC   |             |              |
| 19 | SEAL, ROCKER BOX COVER   | CH11353     | 2   | PC   |             |              |
| 20 | SLEEVE                   | CH10708     | 12  | PC   |             |              |
| 21 | BIG END BEARING KIT      | KRP3012     | , 5 | PC   |             |              |
| 22 | INJECTOR - EXCHANGE      | R/CH10948   | 12  | PÇ   |             | <del> </del> |
| 23 | SUMP SEAL                | CH10887     | 2   | PC   |             | <u> </u>     |
| 24 | CYLINDER LINER           | CH11020     | 12  | PC   |             |              |
| 25 | BAND                     | CH10673     | 12  | PC   |             |              |
| 26 | SEAL, OIL                | CH10675     | 12  | PC   | <u>-</u>    | -            |
| 27 | OIL SEAL                 | CH10674     | 12  | PC   |             |              |
| 28 | OIL SEAL                 | CH10677     | 12  | PC   |             | -            |
| 29 | FRONT OIL SEAL           | CH10648     | 2.  | PC   |             |              |
| 30 | MAIN BEARING KIT         | KRP3116     | 2   | PC   |             |              |
| 31 | THRUST WASHER KIT        | KRP3206     | 2   | PC   | <del></del> |              |
| 32 | VALVE SPRING, OUTER      | CH10781     | 48  | PC   |             |              |
| 33 | VALVE SPRING, INNER      | CH10718     | 48  | PC   |             |              |
| 34 | CAMSHAFT BEARING         | CH11228     | 14  | PC   |             |              |
| 35 | CYLINDER HEAD AND VALVES | CH11153     | 1   | ASSY |             |              |
| 36 | BOLT                     | CH10712     | 16  | PC   |             |              |
| 37 | ARM ASSEMBLY, ROCKER     | CH11165     | 12  | PĊ   |             |              |
| 38 | SCREW                    | CH11162     | 12  | PC   |             |              |
| 39 | NUT                      | CH10688     | 12  | PÇ   |             |              |
|    | ·                        | <del></del> |     |      |             |              |

| 40 | BUTTON                    | CH10689 | 12 | PC   |                          |          |
|----|---------------------------|---------|----|------|--------------------------|----------|
| 41 | BRIDGE                    | CH10680 | 12 | PC · |                          |          |
| 42 | ARM ASSEMBLY, ROCKER      | CH11161 | 6  | PC   |                          |          |
| 43 | SCREW                     | CH11076 | 6  | PC   |                          |          |
| 44 | RING, SNAP                | CH10581 | 1  | PC   |                          |          |
| 45 | BALL BEARING              | CH10004 | 2  | PC   |                          |          |
| 46 | GEAR, FUEL INJECTION PUMP | CH10592 | 1  | PC   |                          |          |
| 47 | O RING                    | CH10590 | 1  | PC   |                          |          |
| 48 | ROD, CONNECTING           | CH10605 | 6  | PC   | <del>-</del>             |          |
| 49 | COOLING JET, PISTON       | CH10603 | 6  | PC   |                          |          |
| 50 | CLAMP                     | CH10790 | 6  | PC   |                          |          |
| 51 | PUMP, LIFT                | KRP1555 | 2  | PC   |                          |          |
| 52 | WIRING HARNESS            | CH10974 | 2  | PC   |                          | _        |
| 53 | CORE (FUEL COOLER)        | CH11116 | 2  | PC   |                          |          |
| 54 | HOSE ASSEMBLY             | CH11118 | 2  | PC   |                          |          |
| 55 | STARTER MOTOR             | CH11089 | 1  | PC   |                          |          |
| 56 | BELT TENSIONER            | CH11024 | 1  | PC   | · <del>- · · · · ·</del> |          |
| 57 | FAN                       | CH11085 | 1  | PC   | <del></del>              |          |
| 58 | FAN ADAPTOR               | CH11026 | 1  | PC   | <u>.</u>                 |          |
| 59 | FAN DRIVE HOUSING         | CH11091 | 1  | PC   |                          |          |
| 60 | OIL PUMP                  | CH10860 | 1  | PC   |                          | -        |
| 61 | HEAD, OIL FILTER          | CH11250 | 1  | PC   |                          |          |
| 62 | FILTER HOUSING            | KRP1570 | 1  | PC   |                          |          |
| 63 | COOLER, OIL               | CH10903 | 1  | PC   |                          |          |
| 64 | THERMOSTAT KIT            | KRP1554 | 1  | PC   |                          |          |
| 65 | DAMPER                    | CH10779 | 1  | PC   | _                        |          |
| 66 | FILTER HOUSING            | CH11096 | 2  | PC   |                          |          |
| 67 | FUEL FEED PIPE            | CH10999 | 2  | PC   |                          | <u> </u> |
| 68 | PIPE, FUEL                | CH11000 | 2  | PC   |                          |          |
| 69 | RADIATOR                  | CH11062 | 1  | ASSY |                          |          |
| 70 | SENSOR, TEMPERATURE       | KRP1556 | 4  | PC   |                          |          |
| 71 | SENSOR                    | KRP1558 | 4  | PC   |                          |          |
| 72 | SENSOR, SPEED             | KRP1561 | 4  | PC   |                          |          |
| 73 | SENSOR, TEMPERATURE       | KRP1557 | 8  | PC   |                          |          |

SECTION VI - TECHNICAL SPECIFICATIONS

PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, \$1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

| 74 | SENSOR               | KRP1560   | 4 | PC |              |
|----|----------------------|-----------|---|----|--------------|
| 75 | SENSOR, OIL PRESSURE | KRP1559   | 4 | PC | <br><u> </u> |
| 76 | SENSOR, SPEED        | KRP1551   | 4 | PC |              |
| 77 | HARNESS, WIRING      | CH10972   | 2 | PC |              |
| 78 | WATER PUMP KIT       | KRP1553   | 1 | PC |              |
| 79 | ALTERNATOR           | CH11087   | 1 | PC | <del></del>  |
| 80 | FILTER HEAD, FUEL    | CH11075   | 1 | PC |              |
| 81 | TURBOCHARGER         | P/CH10899 | 1 | PC | <u> </u>     |

"If the part number(s) indicated by the bidder under the "Supplier's Data" column is not the same to the part number indicated under the "NPC's Requirement column", the bidder will submit/attached the corresponding Service Bulletin issued by the OEM/Authorized Manufacturer or any documents that will support it, such as but not limited to the Catalogue/ Brochures/Parts Manual" or "Certification from the OEM/Manufacturer that the item(s) offered is the same as required in the Tender Documents" must be submitted as post qualification requirement.

#### Note:

\*Supplier refers to those mentioned/ covered under a.2.4
TS- DRAWINGS AND DOCUMENTS TO BE SUBMITTED
(Section VI – Technical Specifications)

(a.2.4 <u>Distributor/Dealer</u>, a Certificate of Authorized Distributorship/Dealership from the OEM <u>or Authorized Manufacturer of OEM Parts or Licensee of the OEM.)</u>
(The authority can be acquired from OEM, Manufacturer of OEM Parts or Licensee of the OEM.)

| Name of Bidder | Name and Signature of     | Signature |
|----------------|---------------------------|-----------|
|                | Authorized Representative | •         |

SUPPLY AND DELIVERY OF CONSOLID... PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD

PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

### **SECTION VII**

# SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

|             |   |                            |           |       | •  | UNIT PI   | RICE FOR GOODS AND I  | RELATED SERVICES TO  | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                               |
|-------------|---|----------------------------|-----------|-------|--|---|---|--|--|---|---|
| ITEM<br>NO. | DESCRIPTION                                     | l                          | QTY       | UNIT  | C<br>O<br>D<br>E                                 | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and<br>other Taxes Imposed by<br>Phil. Govt.<br>(Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>(J=IxC) |
| (A)         | (B)   |                            | (0        | ;)    | (D)  | (É)   | (F)   | (G)  | (H)  | (1)   | (J)                                       |
|             | PACKAG  | E I / PR NO. 51-MQN        | 124-008   |       |  |   |   |  |  |   |   |
| 1           | SEAL - O RING                                   | 986-164                    | 12        | PC    |  |   |   |  |  |   |   |
| 2           | WASHER 10PCS/PACK                               | 988-955                    | 1         | PACK  | l  |   |   |  |  |   |   |
| 3           | INDUCTION MANIFOLD                              | 915-830                    | 12        | PC    |  | <u> </u>  |   |  |  |   |   |
| <u> </u>    | GASKET - IND MANIFOLD                           | 915-786                    | 12        | PC    | L  |   |   | L  |  |   |   |
| 5           | CAMSHAFT  | 10000-60145                | 1         | PC    | L  |   |   |  |  |   |   |
| 6           | KEY   | 929-511                    | 12        | PC    | ł <i></i> -                                      |   | ļ   |  |  |   |   |
| <u>- 7</u>  | PUSH ROD  | 907-003                    | 12        | PC    | <b>↓</b>   |   | :   | ļ  |  |   |   |
| 8           | SCREW   | 10000-05645                | 6         | PC    | ļ  | <del></del>   | <u> </u>  | _  |  | <del>-</del>                                  | <u></u>                                   |
| 9           | SPACER  | 10000-05664                | 6         | PC    | <b>↓</b>   | ļ   |   |  |  |   |   |
| 10          | REAR HOUSING SEAL                               | 998-712                    | 6         | PC    | <b>↓</b>   | ļ   |   | ·  | - <del></del> -  |   |   |
| 11          | BOLT  | 915-744                    | 12        | PC    | <del> </del>                                     |   |   |  |  | ļ   |   |
| 12          | PLUG  | 987-071                    | 24        | PC    | <b>.</b>   |   |   | <del></del>  |  |   |   |
| 13          | PLUG  | 986-983                    | 24        | PC    |  |   |   |  |  |   |   |
| 14          | PLUG  | 929-735                    | 24        | PC    | <del> </del>                                     |   |   |  |  |   |   |
| 15          | FUEL FILTER BOWL                                | 10000-12566                | 6         | PĆ    |  |   |   |  |  |   |   |
| 16          | CYLINDER HEAD BOLT                              | 10000-60100                | 12        | PC PC | <del></del>                                      | ··- <del>-</del>  |   |  |  |   |   |
| 17<br>18    | ROCKER SHAFT ASSEMBLY ROCKER SHAFT ASSY - MINOR | 10000-60142<br>10000-60148 |           | PC    | <del></del>                                      |   |   |  |  |   |   |
| 19          | ROCKER SHAFT ASSY - MINOR                       | 915-816                    | 6         | PC PC | <b>_</b>   | l   |   |  | <del></del>  |   |   |
| 20          | NUT 10PCS/PACK                                  | 973-827                    |           | PACK  | <del> </del>                                     |   |   |  |  |   |   |
| 21          | SCREW   | 994-255                    | 6         | PC    | <del>                                     </del> | l   | ·   |  | <del></del>  |   |   |
| 22          | CIRCUP 10PCS/PACK                               | 980-189                    | - 2       | PACK  | <del>                                     </del> | <del></del> -   |   |  | ·  |   |   |
| 23          | WASHER  | 915-688                    | 12        | PC    | <del>                                     </del> | l   |   | ·i   |  |   |   |
| 23          | SCREW   | 915-701                    | 12        | PC PC | <del> </del>                                     | <del></del>   | <del>_</del>  |  |  | <del>-</del>                                  |   |
| 25          | SCREW   | 915-700                    | 12        | PC    | <del>                                     </del> | l   |   | <del></del>  | <del></del>  | <del></del>                                   |   |
| 26          | VALVE COLLET 10PCS/PACK                         | 10000-57853                | <u>12</u> | PACK  | <del> </del>                                     |   |   | <del> </del>   |  |   | · · · · · · · · · · · · · · · · · · ·     |
| 27          | ICAP  | 10000-60147                | 24        | PC    | <del>                                     </del> | · <del>-</del> · ·  |   | <del></del>  | ·  |   |   |
| 28          | VALVE SPRING                                    | 10000-67811                | 24        | PC    | <del> </del>                                     |   | <del></del>   |  | <del></del>  |   |   |
| 29          | EXHAUST VALVE STEM SEAL                         | 10000-00118                | 24        | PC    | <u> </u>   |   |   | <b> </b>   |  | -   |   |
|             | KIT, WATER PUMP                                 | 10000-82615                | 1         | PC    | <b>i</b>   |   |   |  |  |   | -   |
| 31          | GASKET  | 10000-52701                | 6         | PC    | ·  | <del></del>   |   | <del>-</del>   |  |   |   |
| 32          | SCREW 10PCS/PACK                                | 909-220                    | ĭ         | PACK  |  |   |   | <del></del>  |  |   |   |
| 33          | SCREW 10PCS/PACK                                | 994-963                    | 1         | PACK  |  |   |   |  | <del></del>  |   |   |
|             | SCREW 10PCS/PACK                                | 929-426                    | 1         | PACK  |  |   |   | <del></del>  |  |   | -   |
| 35          | SEAL - FRONT END OIL                            | 10000-05563                | 8         | PC    | ·  |   |   | <del>-</del>   | 1  |   |   |
| 36          | WOODRUFF KEY                                    | 929-511                    | - 6       | PC    |  |   |   |  |  |   |   |
| 37          | THRUST WASHER KIT                               | 10000-52810                | 6         | PC    |  |   |   | ·  |  |   |   |
|             | MAIN BEARING KIT                                | 10000-55650                | 4         | PC    |  |   |   | ·· <del>-</del>  | ·  |   |   |
| 39          | PISTON RING KIT                                 | 10000-05804                | 6         | PC    |  |   |   |  |  |   |   |
| 40          | CIRCLIP 10PCS/PACK                              | 981-980                    | 1         | PACK  |  |   |   | · · · · ·  |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MCRILOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-013, S1-MQN24-

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

|     |                          |             |          |     | •        | UNIT PI | RICE FOR GOODS AND F | RELATED SERVICES TO | BE SUPPLIED AND DEL | IVERED  | TOTAL PRICE   |   |  |   |   |
|-----|--------------------------|-------------|----------|-----|----------|---------|----------------------|---------------------|---------------------|---|---|---|--|---|---|
| NO. | DESCRIPTIO               | ON          | QTY UNIT |     | QTY UNIT |         | QTY UNIT             |                     | C<br>O<br>D<br>E    | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A) | (B)                      |             | (0       | (C) |          | (E)     | (F)                  | (G)                 | (H)                 | (1)   | (J)   |   |  |   |   |
| 41  | CON ROD ASSEMBLY         | 10000-49712 | 6        | PC  | 1        |         | ĺ                    |                     |                     |   |   |   |  |   |   |
| 42  | SMALL END BUSH           | 10000-05616 | 6        | PC  | 1        |         |                      |                     |                     |   |   |   |  |   |   |
| 43  | BOLT, CONNECTING ROD     | 10000-48969 | 6        | PC  | I        |         |                      | ·                   |                     |   |   |   |  |   |   |
| 44  | BLANKING PLATE           | 915-775     | 6        | PC  |          |         |                      |                     |                     |   |   |   |  |   |   |
| 45  | GASKET - OIL FILTER HEAD | 915-792     | 6        | PC  | <u> </u> | J       |                      |                     |                     |   |   |   |  |   |   |
| 46  | BLANKING PLATE           | 10000-05695 | 6        | PC  |          |         |                      |                     |                     |   |   |   |  |   |   |
| 47  | GASKET                   | 10000-05717 | 6        | PC  |          |         |                      |                     |                     |   |   |   |  |   |   |
| 48  | TOP GASKET KIT           | 10000-00115 | 4        | PC  |          | ]       | ]                    |                     |                     |   | <u> </u>  |   |  |   |   |

SUPPLY AND DELIVERY OF CONSOLICATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD PR NOS. \$1-MQN24-008, \$1-MQN24-009, \$1-MQN24-009, \$1-MQN24-012 & \$1-MQN24-013

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

|             |  |                         |                     |              | •                | UNIT P  | RICE FOR GOODS AND I  | RELATED SERVICES TO  | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                                     |
|-------------|--|-------------------------|---------------------|--------------|------------------|---|---|--|--|---|---|
| ITEM<br>NO. | DESCRIPTIO   | N                       | QTY                 | UNIT         | C<br>O<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and<br>other Taxes Imposed by<br>Phil. Govt.<br>(Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A)         | (B)  |                         | (0                  | ;)           | (D)              | (E)   | (F)   | (G)  | (H)  | (0)   | (1)   |
| 49          | INTAKE VALVE   | 10000-90192             | 12                  | PC           | <u> </u>         | <del></del>   |   |  |  |   | •   |
| 50          | VALVE EXHAUST  | 10000-57659             | 12                  | PC           |                  |   |   |  |  |   |   |
| 51          | VALVE SEAT INSERT  | 10000-79308             | 24                  | PC           | <u> </u>         |   |   |  |  |   |   |
| 52          | VALVE SEAT INSERT  | 10000-79309             | 24                  | PC           |                  |   |   |  |  |   |   |
| 53          | VALVE GUIDE  | 10000-60143             | 24                  | PC           | .l               |   |   | ., ., ., .   |  |   | <u> </u>  |
| 54          | IPISTON AND RING KIT   | 10000-68875             | 12                  | PC           | <u> </u>         |   |   |  |  |   |   |
| 55          | SEAL - INJECTOR  | 10000-00097             | 12                  | PC           | <u> </u>         |   |   |  |  |   |   |
| 56          | GASKET - TIMING CASE   | 10000-05411             | 22                  | PC           | <u> </u>         |   |   |  |  |   |   |
| 57          | FUEL INJECTION PUMP  | 10000-68623             | 11                  | PC           | <u> </u>         |   | <u> </u>  |  |  |   | <del></del>                                     |
| 58          | FUEL LIFT PUMP   | 10000-60118             | 2                   | PC           |                  | !   |   |  |  |   |   |
| 59          | STARTER MOTOR  | 10000-68878             | . 2                 | PC           |                  |   |   |  |  |   |   |
| 60          | SENSOR, OIL TEMPERATURE  | 915-756                 | 5                   | PC           |                  |   |   |  | ·  |   |   |
| 61          | SENSOR, COOLANT LEVEL  | 622-312                 | 5                   | PC           | <b> -</b>        |   |   |  |  |   |   |
| 62          | DIODE KIT  | 10000-62226             | 1                   | PC           |                  |   |   |  |  |   |   |
| 63          | TURBOCHARGER   | 10000-61759             | 1 -                 | PC           |                  |   |   |  |  |   |   |
| 64          | LUBE OIL PRESSURE SENSOR   | 320-3064                | 5                   | PC           |                  | ·   |   |  |  | · ··— - · · ·                                 |   |
|             | TOTAL  |                         |                     |              |                  |   |   |  |  |   | P   |
|             | TOTAL  |                         |                     |              |                  |   | (Amount in Won  | ds)  |  |   |   |
| •           | Bidders shall enter a code represe   | nting the Country of C  | rigin of all import | ted          |                  |   |   | · <del>-</del> ·· <del>-</del>   | Code   |   | Country of Origin                               |
|             | equipment, materials and accesso   | ries                    | •                   |              |                  |   |   | [  | _  |   |   |
| +           | Cost of equipment, freight, insuran  |                         |                     |              |                  |   |   |  |  |   |   |
| <           | Unit Price for Local Transportation<br>delivery of the goods from the Phil |                         |                     | ental to     |                  |   |   | L  |  |   |   |
| Note:       | Final delivery site of spare parts st                                      | nali be at National Pow | er Corporation, I   | MQNLOD Offic | æ, Newtown f     | Rd., Minuyan, San Joes Del N  | Nonte City, Bulacan   |  |  |   |   |
|             |  |                         |                     |              |                  |   |   | Name of Bidder:  |  |   | ·   |
|             |  |                         |                     |              |                  |   |   | Signature of Bidder:   |  |   |   |

#### ( Bid Price Schedule )

|     |                         |                       |         |           | •   | UNIT P  | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                                     |
|-----|-------------------------|-----------------------|---------|-----------|-----|---|---|---|--|---|---|
| NO. | DESCRIPTIO              | N                     | QTY     | QTY,-UNIT |     | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A) | (B)                     |                       | Ç       | )         | (D) | (E)   | (F)   | (G)   | (H)  | (1)   | (٦)   |
|     | PACKAG                  | E II / PR NO. \$1-MQN | 124-009 |           |     |   |   |   |  |   |   |
| 1   | INJECTOR                | 2645A060              | 24      | PC        |     |   |   | — <del></del>   |  |   |   |
| 2   | CYLINDER HEAD KIT       | ZZ80228               | 2       | PC        | i   | i — — —   | <del></del>   |   |  |   |   |
| 3   | GASKET - CYLINDER HEAD  | 3681H208              | 4       | PC        | 1   |   | · · · -   | l <del></del> -   |  | <del>-</del> -                                | <del></del>                                     |
| 4   | PISTON KIT              | U5LF0021              | 12      | PC        |     |   |   | †——· 1227———————————————————————————————————                        |  |   |   |
| 5   | PISTON RING KIT         | 4181A026              | 12      | PC        | I   |   |   |   |  |   | · <del>-</del>                                  |
| 6   | MAIN BEARING KIT        | U5MB0030              | 4       | PC        |     |   |   |   |  |   |   |
| 7   | BIG END BEARING KIT     | U5ME0035              | 4       | PC        | J   |   |   |   |  |   |   |
| 8   | LINER - PRESS FIT       | 3135X063              | 18      | PC        |     |   | [   | <u> </u>  |  |   |   |
| 9   | OIL PUMP                | 4132F057              | . 2     | PC        | 1   |   |   |   |  |   | · · · · · · · · · · · · · · · · · · ·           |
| 10  | ELECTRONIC GOVERNOR KIT | U5MK0669              | 2       | PC        |     | ·   |   | <del>-</del>  | ···  |   |   |
| 11  | FUEL INJECTION PUMP     | 2643D641              | 2       | PC        | 1   | I   |   |   |  |   |   |
| 12  | SPEED SENSOR            | 2868A008              | 10      | PC        |     | 1   | ·   |   |  |   | <del></del>                                     |
| 13  | STARTER MOTOR           | 2873K621              | 2       | PC        |     |   | · —   |   |  |   |   |
| 14  | OIL COOLER              | 2486A972              | 2       | PC        | T   | I   |   | <del></del>   |  |   |   |
| 15  | GASKET - OIL COOLER     | 3684ND28              | 4       | PC        |     |   |   |   |  |   | <del></del>                                     |
| 16  | PULLEY, CRANKSHAFT      | 3115T111              | 2       | PC        | I   |   |   | <del></del>   |  |   |   |
| 17  | DAMPER                  | 3321A009              | . 2     | PC        |     |   | <u> </u>  |   |  |   |   |
| 18  | PUMP, WATER REPAIR KIT  | U5MW0160              | 2       | PC        | T   | [ <del></del>   | ·   |   |  |   |   |
| 19  | THERMOSTAT              | 2485613               | 2_      | PC        |     | I'''  |   |   |  |   |   |
| 20  | FAN                     | 2485C527              | 2       | PC        | , " | ]   |   | [ <del>-</del>  |  |   |   |
| 21  | ALTERNATOR              | 2871A141              | . 2     | PC        | 1   |   | · · · · · ·   |   |  |   |   |
| 22  | TURBOCHARGER            | 2674A335              | 2       | PC        |     |   |   | ·   |  | -   |   |
| 23  | OIL PRESSURE SWITCH     | 2848A013              | 10      | PC        |     | [   |   | - <del></del>   |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FO-WILSON DIESEL GENERATING SETS OF MONLOD PR NOS. S1-MQN24-008, S1-MQN24-010, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-011.

#### **Section VII - SCHEDULE OF REQUIREMENTS**

#### ( Bid Price Schedule )

|          |  |                       |              | •                | IVERED  | TOTAL PRICE   |   |  |   |   |
|----------|--|-----------------------|--------------|------------------|---|---|---|--|---|---|
| NO.      | DESCRIPTION  | QTY                   | UNIT         | C<br>O<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A)      | (8)  | (0                    | ;)           | (D)              | (E)   | (F)   | (G)   | (H)  | Ø   | (J)   |
| 24       | RADIATOR 24858243  | 2                     | PC           |                  |   |   |   |  | _   |   |
| 25       | AVR STAMFORD AS440 E000-24403  | 4                     | PC           |                  |   |   |   | <u> </u>   |   |   |
| <u> </u> | TOTAL  |                       |              |                  |   | (Amount in Wor  | ds)   |  |   |   |
| •        | Bidders shall enter a code representing the Country of C   | Nainin of all inners  |              |                  | · -   | ·   |   | Code   |   | Country of Origin                               |
|          | equipment, materials and accessories   | Sudin or the militari | . Gu         |                  |   |   | ſ   | 0000   |   | Cocality of Cityan                              |
| +        | Cost of equipment, freight, insurance, etc. up to Phil. po   |                       |              |                  |   |   |   |  |   |   |
| <        | Unit Price for Local Transportation, insurance and other<br>delivery of the goods from the Phil port of entry to final d |                       | ental to     |                  | •   |   | ι   |  |   |   |
| Note:    | Final delivery site of spare parts shall be at National Pov  | ver Corporation,      | MQNLOD Offic | se, Newtown i    | Rd., Minuyan, San Joes Del I  | Vionte City, Bulacan  |   |  |   |   |
| : 1      |  |                       |              |                  |   |   | Name of Bidder:   |  |   |   |
| ,        |  |                       |              |                  |   |   | Signature of Bidder:  |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-012 & S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

|     |                                    |                     |         |               |                  | UNIT P  | IVERED  | TOTAL PRICE   |  |   |   |
|-----|------------------------------------|---------------------|---------|---------------|------------------|---|---|---|--|---|---|
| NO. | DESCRIPTION                        |                     | QTYUNIT |               | C<br>O<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A) | (B)                                |                     | (0      | <b>&gt;</b> ) | (D)              | (E)   | (F)   | (G)   | (H)  | (1)   | (3)   |
|     | PACKAGE                            | III / PR NO. S1-MQN | 24-010  |               |                  |   |   |   |  |   |   |
| 1   | OVERHAUL KIT, TOP                  | KRP1262             | 7       | PC            |                  |   |   |   |  |   |   |
| 2   | NOZZLE, FUEL INJECTOR (4 HOLE X    | OD20281             | 18      | PC            |                  | ,   |   |   |  |   |   |
| 3   | INSERT EXHAUST VALVE               | OE49094             | 18      | PC            |                  |   |   |   |  |   |   |
| 4   | INSERT INLET VALVE                 | OE50118             | 18      | PÇ            |                  |   |   |   |  |   |   |
| 5   | SEATING, LOWER INLET               | OE42266             | 18      | PC            |                  |   |   |   |  |   |   |
| 6   | VALVE, INLET                       | OE50588             | 36      | РC            |                  |   |   |   |  |   |   |
| 7   | VALVE, EXHAUST (NIMONIC)           | OE50589             | 36      | PC            |                  |   |   |   |  |   |   |
| В   | ROTO-COIL UNIT                     | OE49282             | 18      | PC            |                  |   |   |   |  |   |   |
| 9   | COTTER                             | OE2582              | 72      | PC            |                  |   |   |   |  |   |   |
| 10  | SEATING, UPPER                     | OE30935             | 36      | PC            |                  |   |   |   |  |   |   |
| 11  | BEARING KIT, BIG-END               | KRP3008             | 5       | PC            |                  |   |   |   |  |   |   |
| 12  | RING KIT, PISTON                   | KRP1251             | 5       | PC            | ]                |   |   |   |  |   |   |
| 13  | VALVE GUIDE - INLET                | OE47043             | 18      | PC            | 1                |   |   |   |  |   |   |
| 14  | VALVE GUIDE - EXHAUST              | OE47044             | 18      | PC            | ĺ                |   |   |   |  |   |   |
| 15  | SLEEVE, INJECTOR                   | OE50207             | 18      | PC            |                  |   |   |   |  |   |   |
| 18  | PUSH ROD                           | OE42184             | . 38    | PC            |                  |   |   |   |  |   |   |
| 17  | TAPPET                             | OE50775             | 38      | PC            |                  |   |   |   |  |   |   |
| 18  | WASHER, THRUST (OE 1687 & OE 1688) | KRP3200             | 6       | РC            |                  |   |   |   |  |   |   |
| 19  | BEARING KIT, MAIN                  | KRP3107             | 3       | PC            |                  |   |   | i   |  |   |   |
| 20  | SEAL, REAR C/SHAFT                 | QE50255             | 3       | PC            |                  |   |   |   |  |   |   |
| 21  | BUSH, CAMSHAFT (FRONT C/C)         | OE50629             | 3       | PC            |                  |   |   |   |  |   |   |
| 22  | PISTON AND LINER KIT               | KRP1261             | 18      | PC            |                  |   |   |   |  |   |   |
| 23  | OVERHAUL KIT, BOTTOM               | KRP1263             | 3       | PÇ            |                  |   | 1   |   |  |   |   |

#### ( Bid Price Schedule )

|             |                                |         |     | <u>-</u> - | •                | UNIT PA   | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                                     |
|-------------|--------------------------------|---------|-----|------------|------------------|---|---|---|--|---|---|
| ITEM<br>NO. | DESCRIPTION                    |         | QTY | UNIT       | C<br>O<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A)         | (B)                            |         | Ç   | )          | (D)              | (E)   | (F)   | (G)   | (H)  | (i)   | (J)   |
| 24          | SPRING, VALVE OUTER            | OE42300 | 18  | PC         |                  |   |   | ·   |  |   |   |
| 25          | SPRING, VALVE INNER            | OE42301 | 18  | PC         | l                |   |   |   |  |   | . <b></b>                                       |
| 26          | SPRING, VALVE INNER EXH        | GE49260 | 18  | PC         |                  |   |   |   |  |   | ,,,,  |
| 27          | SPRING, VALVE OUTER EXH        | OE49261 | 18  | PC         |                  |   |   |   |  |   |   |
| 28          | SEAL, FRONT C/SHAFT            | OE50254 | 3   | PC         |                  |   |   |   |  |   |   |
| 29          | ALTERNATOR, CHARGE 24VDC       | OD20798 | 2   | PC         |                  |   |   |   |  |   |   |
| 30          | SWITCH, TEMPERATURE 106 DEG. C | CH12893 | 5   | PC         |                  |   |   |   |  |   |   |
| 31          | SWITCH, OIL PRESSURE 18 PSI    | CH12894 | 5   | PC         |                  |   |   |   |  |   |   |
| 32          | SOLENOID (24V)                 | OE52318 | 2   | PC         |                  |   |   |   |  |   |   |
| 33          | CLEVIS ASSEMBLY                | OE52495 | 2   | PC         |                  |   |   |   |  |   |   |
| 34          | PUMP ASSEMBLY, COOLANT         | QE51145 | 2   | PC         |                  |   |   |   |  |   |   |
| 35          | RING, SEALING 1.450 DIA        | ST45119 | 12  | PC         |                  |   |   |   |  |   |   |
| 36          | RING, SEALING                  | OE48311 | 6   | PC         |                  |   |   |   |  |   |   |
| 37          | THERMOSTAT                     | OE49554 | 2   | PC         |                  |   | L   |   |  | <u></u>                                       |   |
| 38          | CONE, REAR                     | OE2789  | 2   | PC         |                  |   |   |   |  |   |   |
| 39          | CONE, FRONT                    | OE46297 | 2   | PC         |                  |   |   |   |  |   |   |
| 40          | LEVER & BALL JOINT ASSEMBLY    | OD21343 | 3   | PC         |                  |   |   |   |  |   |   |
| 41          | INJECTOR ASSEMBLY              | OD20362 | 18  | PC         |                  |   |   |   |  |   |   |
| 42          | PIPE, SPILL ASSEMBLY           | QD2392  | 12  | PC         |                  |   |   |   |  |   |   |
| 43          | PIPE, ASSEMBLY SPILL           | OD20726 | 2   | PC         |                  |   |   |   |  |   |   |
| 44          | PIPE, INJECTOR SPILL ASSEMBLY  | OD20300 | 2   | PC         |                  |   |   |   |  |   |   |
| 45          | PIPE, PUMP SPILL ASSEMBLY      | OD20301 | 2   | PC         |                  |   |   |   |  |   |   |
| 46          | PIPE, INJOTN NO 1 CYL ASSEMBLY | OD20388 | 2   | PC         |                  |   |   |   |  |   |   |
| 47          | PIPE, INJCTN NO 2 CYL ASSEMBLY | QD20389 | 2   | PC         |                  |   |   |   |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

|     |   |                     |                     |          | *                | UNIT P  | RICE FOR GOODS AND  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                               |
|-----|---|---------------------|---------------------|----------|------------------|---|---|---|--|---|---|
| NO. | DESCRIPTION                             |                     | QTY                 | UNIT     | C<br>O<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>(J=IxC) |
| (A) | (B)                                     | •                   | - (0                | ;)       | (D)              | (E)   | (F)   | (G)   | (H)  | (1)   | (7)                                       |
| 48  | PIPE, INJCTN NO 3 CYL ASSEMBLY          | OD20390             | 2                   | PC       |                  |   | Γ   |   |  |   |   |
| 49  | PIPE, INJCTN NO 4 CYL ASSEMBLY          | QD20391             | 2                   | PC       |                  |   | <u> </u>  |   |  | · · · · · · · · · · · · · · · · · · ·         |   |
| 50  | PIPE, INJCTN NO 5 CYL ASSEMBLY          | QD20392             | 2                   | PC       |                  |   |   |   |  |   |   |
| 51  | PIPE, INJCTN NO 6 CYL ASSEMBLY          | OD20393             | 2                   | PC       |                  |   |   |   |  | · · · · · · · · · · · · · · · · · · ·         |   |
| 52  | STARTER MOTOR                           | OD21858/2           | 2                   | PC       |                  |   |   |   |  |   |   |
| 53  | TURBOCHARGER ASSEMBLY                   | OE50642/1           | 2                   | PC       |                  |   |   |   |  |   |   |
| 54  | ACTUATOR, WOODWARD TYPE 1724            | 8256-016            | 2                   | PC       |                  |   |   |   |  |   |   |
| 55  | CONTROLLER, GOVERNOR                    | 8290-191            | 3                   | PC       |                  |   |   |   |  |   |   |
| 56  | COOLING JET, PISTON ASSEMBLY            | OE50535             | 6                   | PC       |                  |   |   |   |  |   |   |
| 57  | RADIATOR ASSEMBLY (163KW)               | OE50571             | 3                   | PC       |                  |   |   |   |  |   |   |
| 58  | RADIATOR ASSEMBLY (260KW)               | OE50435             | 3                   | PC       |                  |   |   |   |  |   |   |
|     | TOTAL                                   |                     |                     | <u> </u> |                  |   | <u></u>   | <u>.                                    </u>                        | <u></u>  |   | P   |
|     |   |                     |                     |          |                  |   | (Amount in Wor  | ds)   |  |   |   |
|     | Bidders shall enter a code representing | the Country of Orig | nin of all imported | 1        |                  | _   |   |   | <br>Code   |   | Country of Origin                         |

| 1 | Bidders shall enter a code representing the Country of Origin of all imported |
|---|---|
|   | equipment, materials and accessories  |

- Cost of equipment, freight, insurance, etc. up to Phil. port of entry
- Unit Price for Local Transportation, insurance and other local costs incidental to delivery of the goods from the Phil port of entry to final delivery site

| Note: | Final delivery site of spare | oarts shall be at National Powe | r Comoration, MONLOD Office | . Newtown Rd., Minuvan, Sa | an Joes Del Monte City, Bulacan |
|-------|------------------------------|---------------------------------|-----------------------------|----------------------------|---------------------------------|

| Name of Bidder:      |         |
|----------------------|---------|
|                      | <u></u> |
| Signature of Bidder: |         |

#### ( Bid Price Schedule )

|             |                             |                    |         |      | •           | UNIT P  | RICE FOR GOODS AND F  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                                     |
|-------------|-----------------------------|--------------------|---------|------|-------------|---|---|---|--|---|---|
| ITEM<br>NO. | DESCRIPTION                 |                    | QTY     | UNIT | C<br>O<br>D | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A)         | (B)                         |                    | (0      | ;)   | (D)         | (E)   | (F)   | (G)   | (H)  | (1)   | (1)   |
|             | PACKAGE                     | IV / PR NO. S1-MQI | N24-011 |      |             |   |   |   |  |   |   |
| 1           | GASKET                      | 10000-61681        | 4       | PC   |             |   |   |   |  |   |   |
| 2           | CYLINDER HEAD GASKET        | 10000-60360        | 4       | PC _ |             | :   |   |   |  |   |   |
| 3           | KIT SEAL                    | 10000-60363        | 24      | PC   |             |   |   |   |  |   |   |
| 4           | GASKET - INDUCTION MANIFOLD | 10000-60419        | 4       | PC   |             |   |   |   |  |   |   |
| 5           | SEAL                        | 10000-60425        | 4       | PC   |             |   |   |   |  |   |   |
| 6           | GASKET                      | 10000-60426        | 4       | PC   |             |   |   |   |  |   |   |
| 7           | VALVE STEM SEAL             | 10000-60351        | 96      | PC   |             |   |   |   |  |   | ,   |
| 8           | GASKET - TURBOCHARGER       | 10000-60428        | 4       | PC   |             |   |   |   |  |   |   |
| 9           | JOINT                       | 908-359            | 4       | PC   |             |   |   |   |  |   |   |
| 10          | GASKET - EXHAUST MANIFOLD   | 10000-60440        | 4       | PC   |             |   |   |   |  |   |   |
| 11          | SLEENE                      | 10000-60347        | 12      | PC   |             |   |   |   |  |   |   |
| 12          | KEY                         | 10000-60348        | 96      | PC   |             |   |   |   |  |   |   |
| 13          | ROTATOR                     | 10000-60349        | 48      | PC   |             |   |   |   |  |   |   |
| 14          | VALVE SEAT INSERT           | 10000-60353        | 24      | PC   |             |   |   |   |  |   |   |
| 15          | INTAKE VALVE                | 10000-60354        | 24      | PC   |             |   |   |   |  |   | <u> </u>  |
| 16          | INSERT EXHAUST VALVE        | 10000-60355        | 24      | PC   |             |   |   |   |  |   |   |
| 17          | EXHAUST VALVE               | 10000-60356        | 24      | PC   |             |   |   |   |  |   | ,   |
| 18          | SLEEVE                      | 10000-60357        | 12      | PC   |             |   |   |   |  |   |   |
| 19          | SUMP GAGSKET                | 10000-60234        | 3       | PC   |             |   |   |   |  |   |   |
| 20          | PISTON RING KIT             | 10000-60341        | 18      | PC   |             |   |   |   |  |   |   |
| 21          | BIG END BEARING KIT         | 10000-47145        | 18      | PC   |             |   |   |   |  |   |   |
| 22          | PUSH ROD                    | 10000-60194        | 24      | PC   |             |   |   |   |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERMINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD PR NOS. S1-MQN24-009, S1-MQN24-009, S1-MQN24-010, S1-MQN24-0

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

|             | -                        |             |     | *    | •                | UNIT P  | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                                     |
|-------------|--------------------------|-------------|-----|------|------------------|---|---|---|--|---|---|
| ITEM<br>NO. | DESCRIPTIO               | N           | QTY | UNIT | C<br>O<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A)         | (B)                      |             | (0  | )    | (D)              | (E)   | (F)   | (G)   | (H)  | (1)   | (J)   |
| 23          | TAPPET                   | 10000-45586 | 24  | PC   |                  |   |   |   |  |   |   |
| 24          | GUIDE                    | 905-123     | 12  | PĆ   |                  |   |   |   | ·····  |   |   |
| 25          | VALVE GUIDE              | 10000-60352 | 48  | PC   |                  |   |   |   |  |   |   |
| 26          | INJECTOR KIT             | 10000-60362 | 18  | PC   |                  |   |   |   |  |   |   |
| 27          | SEAL - REAR END OIL      | 10000-60190 | 3   | PC   |                  |   |   |   |  |   |   |
| 28          | MAIN BEARING KIT         | 10000-60168 | 18  | PC   |                  | ]   |   |   |  | . <u>-</u>                                    |   |
| 29          | MAIN BEARING KIT THRUST  | 10000-60189 | 3   | PC   |                  |   |   |   |  |   |   |
| 30          | SEAL - O RING            | 10000-64916 | 3   | PC   |                  |   |   |   |  |   |   |
| 31          | SEAL                     | 10000-60207 | 3   | PC   |                  |   |   |   |  |   |   |
| 32          | SEAL - TIMING CASE COVER | 10000-60217 | 3   | PC   |                  |   |   |   |  |   |   |
| 33          | SEAL - TIMING CASE COVER | 10000-60218 | 3   | PC   |                  |   |   |   |  |   |   |
| 34          | SEAL - TIMING CASE COVER | 10000-60219 | 3   | PC   |                  |   |   |   |  |   |   |
| 35          | SEAL - TIMING CASE COVER | 10000-60220 | 3   | PC   |                  |   |   |   |  |   |   |
| 36          | SEAL - TIMING CASE COVER | 10000-60221 | 3   | PC   |                  |   |   |   |  |   |   |
| 37          | SEAL - TIMING CASE COVER | 10000-60223 | 3   | PC   |                  |   |   |   |  |   |   |
| 38          | SEAL - TIMING CASE COVER | 10000-60224 | 3   | PC   |                  |   |   |   |  |   |   |
| 39          | GASKET FLYWHEEL HOUSING  | 10000-60278 | 3   | ĸ    |                  |   |   |   |  |   | <u> </u>  |
| 40          | GASKET - FUEL FILTER     | 10000-60303 | 3   | PC   |                  |   |   |   |  |   |   |
| 41          | GASKET - FUEL FILTER     | 10000-60323 | 3   | PC   |                  |   |   |   |  |   |   |
| 42          | CAMSHAFT BUSH SET        | 10000-60331 | 3   | PC   |                  |   |   |   |  |   |   |
| 43          | PISTON AND LINER KIT     | 10000-60337 | 18  | PC   |                  |   |   |   |  |   |   |
| 44          | SEAL - CAMSHAFT          | 10000-60342 | 3   | PC   |                  |   |   |   |  |   |   |
| 45          | WASHER                   | 902-120     | 3   | PC   |                  |   |   |   |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MORLOD PR NOS. \$1-MQN24-008, \$1-MQN24-010, \$1-MQN24-011, \$1-MQN24-012 & \$1-MQN24-011.

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

|             |  | •           |     |      | *                | UNIT P  | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVEREO  | TOTAL PRICE                               |
|-------------|--|-------------|-----|------|------------------|---|---|---|--|---|---|
| ITEM<br>NO. | DESCRIPTION                            |             | QTY | UNIT | C<br>0<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>(J=IxC) |
| (A)         | (B)                                    |             | C   | )    | (D)              | (E)   | (F)   | (G)   | (H)  | (1)   | (3)                                       |
| 46          | WOODRUFF KEY                           | 989-299     | 3   | PC   |                  |   |   |   |  |   |   |
| 47          | SEAL - OIL FRONT END                   | 10000-13299 | 3   | PC   |                  |   |   |   |  |   |   |
| 48          | SEAL - WATER PUMP                      | 10000-60388 | 3   | PC   |                  |   |   |   |  |   |   |
| 49          | SEAL - BREATHER                        | 10000-60373 | 3   | PC   |                  |   |   |   |  |   |   |
| 50          | SEAL - OIL PUMP                        | 10000-60381 | 3   | PC   |                  |   |   |   |  |   |   |
| 51          | SEAL - OIL PUMP                        | 10000-60380 | 3   | PC   | ]                |   |   |   |  |   |   |
| 52          | GASKET KIT                             | 10000-60401 | 3   | PC   |                  |   |   |   |  |   |   |
| 53          | VALVE SPRING                           | 10000-60350 | 48  | PC   |                  |   |   |   |  |   |   |
| 54          | BOLT, METRIC                           | 974-318     | 6   | PC   |                  |   |   | · · · · · · · · · · · · · · · · · · ·                               |  |   |   |
| 55          | CONNECTING ROD ASSEMBLY                | 10000-52739 | 6   | PC   |                  |   |   |   |  |   |   |
| 56          | ROCKER SHAFT ASSEMBLY                  | 10000-60195 | 2   | PC   |                  |   |   |   |  |   |   |
| 57          | THERMOSTAT ASSEMBLY                    | 10000-60205 | 3   | PC   |                  |   |   |   |  |   |   |
| 58          | WATER OUTLET CONNECTION                | 10000-60204 | 2   | PC   |                  |   |   |   |  |   |   |
| 59          | DRIVE, BELT TENSIONER                  | 10000-60211 | 2   | PC   |                  |   |   |   |  |   |   |
| 60          | TIMING COVER                           | 10000-80222 | 1   | PC   |                  |   |   |   |  |   |   |
| 61          | SUMP                                   | 10000-81234 | 1   | PC   |                  |   |   |   |  |   |   |
| 62          | HARNESS, WIRING                        | 10000-60248 | 3   | PC   |                  | . ,   |   |   |  | •   |   |
| 63          | SENSOR, INJECTOR CONTROL<br>PRESSURE   | 10000-80265 | 6   | PC   |                  |   |   |   |  |   |   |
| 64          | SENSOR, OIL PRESSURE ENGINE            | 10000-80269 | 12  | PC   |                  |   |   |   |  |   | _   |
| 65          | SENSOR, TEMPERATURE AIR,<br>SENSOR KIT | 10000-60271 | 6   | PC   |                  |   |   |   |  |   |   |
| 66          | SENSOR, AIR PRESSURE                   | 10000-80273 | В   | PC   |                  |   |   |   |  |   |   |
| 67          | SENSOR TEMPERATURE                     | 10000-60267 | 12  | PC   |                  |   |   |   |  |   |   |
| 68          | SENSOR CRANKSHAFT POSITION             | 10000-60263 | 8   | PC   |                  |   |   |   |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD PR NCS. S1-MQN24-008, S1-MQN24-010, S1-MQN24-010, S1-MQN24-011, S1-MQN24-0

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

|     |                                      |             |     |      | •                | UNIT PI   | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | .IVERED                                       | TOTAL PRICE                               |
|-----|--------------------------------------|-------------|-----|------|------------------|---|---|---|--|---|---|
| NO. | DESCRIPTION                          |             | QTY | UNIT | C<br>O<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>(J=IxC) |
| (A) | (B)                                  |             | (0  | )    | (D)              | (E)   | (F)   | (G)   | (H)  | (1)   | (J)                                       |
| 69  | SENSOR CAMSHAFT POSITION             | 10000-60261 | 6   | PC   |                  |   |   |   |  |   |   |
| 70  | WATER TEMPERATURE SENSOR             | 10000-60313 | 6   | PC   |                  |   |   |   |  |   |   |
| 71  | FUEL INJECTION PUMP HIGH<br>PRESSURE | 10000-60282 | 2   | PC   |                  |   |   |   |  |   |   |
| 72  | FUEL LIFT PUMP                       | 10000-42443 | 2   | PC   |                  |   |   |   |  |   |   |
| 73  | PIPE FUEL HOSE                       | 10000-60291 | 5   | PC   |                  |   |   |   |  |   |   |
| 74  | FUEL FILTER ASSEMBLY                 | 10000-60300 | 2   | PC   |                  |   |   |   |  |   |   |
| 75  | PIPE FUEL                            | 10000-60304 | 5   | PC   |                  |   |   |   |  |   |   |
| 76  | CHECK VALVE INLET PIPE               | 10000-60315 | 5   | PC   |                  |   |   |   | •  |   |   |
| 77  | STRAINER ASSEMBLY                    | 10000-60318 | 5   | PC   |                  |   |   |   |  |   |   |
| 78  | PRESSURE VALVE                       | 10000-80322 | 5   | PC   |                  |   |   |   |  | ,   |   |
| 79  | FUEL PIPE                            | 10000-60305 | 5   | PC   |                  |   |   |   |  |   |   |
| 80  | CYLINDER HEAD ASSEMBLY               | 10000-60348 | 1   | PC   |                  |   |   |   |  |   |   |
| 81  | CYLINDER HEAD BOLT                   | 10000-60361 | 26  | PC   |                  |   |   |   | -  |   |   |
| 82  | INJECTOR CLAMP                       | 10000-60364 | 12  | PC   | İ                |   |   |   | •  |   |   |
| 83  | TEEPIECE                             | 10000-60384 | 2   | PC   |                  |   |   |   |  |   |   |
| 84  | DAMPER                               | 10000-60385 | 2   | PC   |                  |   |   |   |  |   |   |
| 85  | нив                                  | 10000-60386 | 2   | PC   |                  |   |   |   |  |   |   |
| 86  | WATER PUMP KIT                       | 10000-60387 | 2   | PC   |                  |   |   |   |  |   |   |
| 87  | PULLEY, WATER PUMP                   | 10000-60389 | 2   | PC   |                  |   |   |   |  |   |   |
| 88  | COOLING JET, PISTON                  | 10000-60343 | 6   | PC   |                  |   |   |   |  |   |   |
| 89  | BREATHER                             | 10000-60365 | 2   | PC   |                  |   |   |   |  |   |   |
| 90  | OIL PUMP                             | 10000-60379 | 2   | PC   |                  |   |   |   |  |   |   |
| 91  | OIL COOLER KIT                       | 10000-60391 | 2   | PC   |                  |   |   |   |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONILOD PR NOS. \$1-MQN24-008, \$1-MQN24-010, \$1-MQN24-010, \$1-MQN24-011, \$1-MQN24-

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

|       |  |                        |                    |              | *                | UNIT PI   | RICE FOR GOODS AND  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                                     |
|-------|--|------------------------|--------------------|--------------|------------------|---|---|---|--|---|---|
| NO.   | DESCRIPTION  | 4                      | QTY                | UNIT         | C<br>O<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A)   | (B)  |                        | (0                 | ;}           | (D)              | (E)   | (F)   | (G)   | (H)  | (1)   | (J)   |
| 92    | HOSE - COOLANT   | 10000-70627            | 5                  | PC           |                  |   |   |   | -  |   |   |
| 93    | REGULATOR VALVE PRESSURE   | 10000-60408            | 2                  | PC           |                  |   |   |   |  |   |   |
| 94    | VALVE THERMAL ASSEMBLY   | 10000-60415            | 2                  | PC           |                  |   |   |   |  |   |   |
| 95    | TURBOCHARGER   | 10000-60427            | 1                  | PC           |                  |   |   |   |  |   |   |
| 96    | MANIFOLD, EXHAUST  | 10000-60438            | 1                  | PC           |                  |   |   |   |  |   |   |
| 97    | EXHAUST MANIFOLD   | 10000-60439            | 1                  | PC           |                  |   |   |   |  |   |   |
| 98    | FAN BLADE  | 10000-63062            | 1                  | PC           |                  |   |   |   |  |   |   |
|       | TOTAL  |                        |                    |              |                  |   | (Amount in Wor  | rie)  |  | <u>-</u>                                      | P   |
|       | ······································                                       |                        |                    |              |                  |   | (Allount in viçi  | us)   |  |   |   |
| •     | Bidders shall enter a code represer<br>equipment, materials and accessor     |                        | rigin of all impor | led          |                  |   |   | 1   | Code   |   | Country of Origin                               |
| +     | Cost of equipment, freight, insuran-<br>Unit Price for Local Transportation. |                        |                    | notal to     |                  |   |   |   |  |   |   |
| `     | delivery of the goods from the Phil  |                        |                    | antai to     |                  |   |   | ι   | ···  |   |   |
| Note: | Final delivery site of spare parts sh  | all be at National Pow | ver Corporation,   | MQNLOD Offic | e, Newtown F     | Rd., Minuyan, San Joes Del N  | Monte City, Bulacan   |   |  |   |   |
|       |  |                        |                    |              |                  |   |   | Name of Bidder:   |  |   |   |
|       |  |                        |                    |              |                  |   |   | Signature of Bidder:  |  |   |   |

#### ( Bid Price Schedule )

|             |                           |                     |         |             | *                | UNIT PI  | RICE FOR GOODS AND I  | RELATED SERVICES TO  | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                                     |
|-------------|---------------------------|---------------------|---------|-------------|------------------|--|---|--|--|---|---|
| ITEM<br>NO. | DESCRIPTIO                | N                   | QTY     | UNIT        | C<br>O<br>D<br>E | Total Price of Goods Delivered up to Philippine Port (Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and<br>other Taxes Imposed by<br>Phil. Govt.<br>(Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil, Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A)         | (B)                       |                     | (0      | :)          | (D)              | (E)  | (F)   | (G)  | (H)  | (1)   | (J)   |
|             | PACKAG                    | E V / PR NO. S1-MQN | 124-012 | <del></del> |                  |  |   |  |  |   |   |
| 1           | TOP JOINT AND GASKET KIT  | KRP1546             | 3       | PC          | <u> </u>         |  |   |  |  |   | <u></u>   |
| 2           | VALVE, INTAKE             | CH11021             | 24      | PC          | <u> </u>         |  | <b></b>   |  |  |   |   |
| 3           | VALVE, EXHAUST            | CH11022             | 24      | PC          |                  |  |   |  |  |   |   |
| 4           | INLET VALVE SEAT          | CH10731             | 24      | PC          |                  |  |   |  |  |   |   |
| 5           | EXHAUST VALVE SEAT INSERT | CH10732             | 24      | PC          |                  |  |   |  |  |   |   |
| 6           | WASHER                    | CH10716             | 48      | PC          |                  |  |   |  |  |   |   |
| 7           | COLLET, VALVE             | CH10019             | 96      | PC          |                  |  |   |  |  |   |   |
| 8           | SEAT                      | CH10715             | 48      | PC          |                  |  |   |  |  | -   |   |
| 9           | SLEEVE                    | CH11311             | 12      | PC          |                  |  |   |  |  |   |   |
| 10          | SEAL, ORING               | CH10620             | 3       | PC          |                  |  |   |  |  |   |   |
| 11          | SEAL, O RING              | CH10612             | 3       | PC          |                  |  |   | · · · · · · · · · · · · · · · · · · ·  |  |   |   |
| 12          | SEAL, O RING              | CH10587             | 3       | PC          |                  |  |   |  |  |   | <u> </u>  |
| 13          | SEAL                      | CH11352             | 3       | PC          |                  |  |   |  |  |   |   |
| 14          | GASKET, TURBOCHARGER      | CH11471             | 3       | PC          | ]                |  |   |  |  |   |   |
| 15          | SEAL, O RING              | CH11614             | 3       | PC          |                  |  |   |  |  |   |   |
| 16          | CLAMP                     | CH12794             | 6       | PC          |                  |  |   |  |  |   |   |
| 17          | RING KIT, PISTON          | KRP3018             | 12      | PC          |                  |  |   |  |  |   |   |
| 18          | PISTON KIT                | KRP3030             | 12      | PC          |                  |  |   |  |  |   |   |
| 19          | GUIDE, VALVE              | CH10724             | 48      | PC          |                  |  |   |  |  |   |   |
| 20          | SLEEVE                    | CH10708             | 12      | PC          |                  |  |   |  |  |   |   |
| 21          | BEARING KIT, BIG END      | KRP3018             | 2       | PC          |                  |  |   |  |  |   |   |
| 22          | INJECTOR EXCHANGE         | R/CH11945           | 12      | PC          |                  |  |   |  |  |   |   |
| 23          | SEAL, SUMP                | CH11848             | 2       | PÇ          |                  |  |   |  |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

#### **Section VII - SCHEDULE OF REQUIREMENTS**

#### ( Bid Price Schedule )

|             |                          |         |     |      | ·       | UNIT PI   | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                                     |
|-------------|--------------------------|---------|-----|------|---------|---|---|---|--|---|---|
| ITEM<br>NO. | DESCRIPTIO               | N       | QTY | UNIT | C O D E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = I x C ) |
| (A)         | (B)                      |         | (C  | )    | (D)     | (E)   | (F)   | (G)   | (H)  | (1)   | (J)   |
| 24          | LINER, CYLINDER          | CH11180 | 12  | PC   |         |   |   |   |  |   |   |
| 25          | BAND                     | CH10673 | 12  | PC   |         |   |   |   |  |   |   |
| 26          | OIL SEAL                 | CH10674 | 12  | PC   |         |   |   |   |  |   |   |
| 27          | OIL SEAL                 | CH10677 | 12  | PC   |         |   |   |   |  |   |   |
| 28          | OIL SEAL                 | CH11179 | 12  | PC   |         |   |   |   |  |   |   |
| 29          | SEAL, FRONT END OIL      | CH11379 | 2   | PC   |         |   |   |   |  |   |   |
| 30          | BEARING KIT, MAIN        | KRP3122 | 2   | PC   |         |   |   |   |  |   |   |
| 31          | BUSH, CAMSHAFT           | CH11228 | 14  | PC   |         |   |   |   |  |   |   |
| 32          | GASKET, TIMING CASE      | CH10829 | 2   | PC   |         |   |   |   |  |   |   |
| 33          | SEAL, REAR END OIL       | CH11304 | 2   | PC   |         |   |   |   | -  | -   | <del></del>                                     |
| 34          | SEAL, O RING             | CH11102 | 2   | PC   |         |   |   |   |  |   | <del></del>                                     |
| 35          | SEAL                     | CH10769 | 2   | PC   |         |   |   |   |  |   |   |
| 36          | SEAL, O RING             | CH10544 | 4   | PC   |         |   |   |   |  |   | -   |
| 37          | GASKET                   | CH10579 | 2   | PC   |         |   |   |   |  |   |   |
| 38          | SEAL, O RING             | CH10766 | 2   | PC   |         |   |   |   |  |   |   |
| 39          | SEAL, THERMOSTAT HOUSING | CH10770 | 2   | PC   |         |   |   |   |  |   |   |
| 40          | SEAL, THERMOSTAT HOUSING | CH10056 | 4   | PC   |         |   |   |   |  |   |   |
| 41          | SEAL, O RING             | CH10755 | 4   | PC   |         |   |   |   | ·  |   |   |
| 42          | SEAL, O RING             | CH11619 | 2   | PC   |         |   |   |   |  |   |   |
| 43          | OUTER VALVE SPRING       | CH11487 | 48  | PC.  |         | <u></u>   |   |   |  |   |   |
| 44          | INNER VALVE SPRING       | CH11489 | 48  | PC   |         |   |   |   |  | -   |   |
| 45          | SEAL, O RING             | T400222 | 4   | PC   |         |   |   |   |  | _   |   |
| 46          | SEAL, O RING             | CH10224 | 4   | PC   |         |   |   |   |  | _   |   |
| 47          | ARM ASSEMBLY, ROCKER     | T400223 | 12  | PC   |         |   |   |   |  |   | ·   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-VALSON DIESEL GENERATING SETS OF MONLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-011

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

| _           |                          |         |     |      | •                | UNIT PI   | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                               |
|-------------|--------------------------|---------|-----|------|------------------|---|---|---|--|---|---|
| ITEM<br>NO. | DESCRIPTIO               | N       | QTY | UNIT | C<br>O<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>(J=IxC) |
| (A)         | (B)                      |         | {C  | }    | (D)              | (E)   | (F)   | (G)   | (H)  | (0)   | (J)                                       |
| 48          | SCREW                    | CH12701 | 12  | PC   |                  |   |   |   |  |   |   |
| 49          | NUT                      | T400403 | 12  | PC   | _                |   | ]   |   |  |   |   |
| 50          | BRIDGE PIECE             | CH12831 | 12  | PC   |                  |   | ĺ   |   |  |   |   |
| 51          | ARM ASSEMBLY, ROCKER     | T400224 | 6   | PC   |                  |   |   |   |  |   |   |
| 52          | NUT                      | CH11077 | 6   | PC   |                  |   |   | l   |  |   |   |
| 53          | BOLT                     | CH10566 | 4   | PC   |                  |   |   |   |  |   |   |
| 54          | виттом                   | CH11078 | 6   | PC   |                  |   |   |   |  |   |   |
| 55          | BOLT                     | CH10712 | 18  | PC   |                  |   |   |   |  |   |   |
| 56          | WASHER                   | CH10711 | 26  | PC   |                  |   |   |   |  |   |   |
| 57          | BOLT                     | CH10713 | 10  | PC   |                  |   |   |   | _  |   |   |
| - 58        | ROD, CONNECTING ASSEMBLY | CH11507 | 6   | PC   |                  |   |   |   |  |   |   |
| 59          | PISTON COOLING JET       | CH11994 | 6   | PC   |                  |   |   |   |  |   |   |
| 60          | PUMP, LIFT               | KRP1721 | 2   | PC   |                  |   |   |   |  |   |   |
| 61          | CLAMP                    | CH10790 | 6   | PC   |                  |   |   |   |  |   |   |
| 62          | STARTER MOTOR            | CH12807 | 2   | PC   |                  |   |   |   |  |   |   |
| 63          | ARM, TENSIONER           | CH11024 | 2   | PC   |                  | ·   |   |   |  |   |   |
| 64          | TURBOCHARGER             | CH11947 | 2   | PC   |                  |   |   |   |  |   |   |
| 65          | EXHAUST MANIFOLD         | CH10774 | 2   | PC   |                  |   |   |   |  |   | · · · · · · · · · · · · · · · · · · ·     |
| 66          | MANIFOLD, EXHAUST        | T400179 | 1   | PC   |                  |   |   |   |  |   |   |
| 67          | PIPE, HIGH PRESSURE FUEL | CH10999 | 2   | PC   |                  |   |   |   |  |   |   |
| 68          | PIPE LOW PRESSURE FUEL   | CH11328 | 2   | PC   |                  |   |   |   |  |   |   |
| 69          | PIPE, FUEL               | CH11000 | 2   | PC   |                  |   |   |   |  |   |   |
| 70          | PIPE, FUEL               | CH11001 | 2   | PC   |                  |   |   |   |  |   |   |
| 71          | FILTER HEAD FUEL         | CH12434 | 1   | PC   |                  |   |   |   |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-012 & S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013.

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

#### SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD

| TEM<br>NO. | DESCRIPTION                |         | 1   |         | 1      | UNITP   | VERED          | TOTAL PRICE   |  |   |   |
|------------|----------------------------|---------|-----|---------|--------|---|----------------|---|--|---|---|
|            |                            |         | QTY | QTYUNIT |        | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ |                | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>( J = l x C ) |
| (A)        | (B)                        |         | (0  | (C) (D) |        | ) (E)   | (F)            | (G)   | (H)  | (1)   | (J)   |
| 72         | PUMP, PRIMING              | CH10439 | 2   | PC      | $\Box$ |   |                |   |  |   |   |
| 73         | GASKET                     | CH10008 | 2   | PC      |        |   |                |   |  |   |   |
| 74         | FILTER HOUSING SECONDARY   | CH11096 | 2   | PC      | T      |   |                |   |  |   |   |
| 75         | HARNESS, WIRING            | CH11985 | 2   | PC      |        |   |                |   |  |   |   |
| 76         | SENSOR KIT, OIL PRESSURE   | CH12006 | 6   | PC      |        |   |                | 1   |  |   |   |
| 77         | AIR PRESSURE SENSOR KIT    | KRP1692 | 2   | PC      |        |   |                |   |  |   |   |
| 78         | KIT, AIR PRESSURE SENSOR   | KRP1693 | 2   | PC      |        |   |                |   |  | _   |   |
| 79         | SENSOR, TEMPERATURE        | KRP1688 | 2   | PC      |        |   |                |   |  |   |   |
| 80         | SPEED SENSOR               | CH12004 | 2   | PC      |        |   |                |   |  |   |   |
| 81         | TEMPERATURE SENSOR         | KRP1687 | 2   | PC      |        |   |                |   |  |   |   |
| 82         | INJECTOR HARNESS           | CH10974 | 2   | PC      |        |   |                |   |  |   |   |
| 83         | RADIATOR FOR 2508A-E15TAG3 | N/A     | 1 _ | ASSY    |        |   |                |   |  |   |   |
|            | TOTAL                      |         | 1   |         |        | l   | (Amount in Wor |   |  |   | P   |

| Bidders shall enter a code representing the Country of Origin of all imported |
|---|
| aminment materials and acceptains   |

Cost of equipment, freight, insurance, etc. up to Phil. port of entry

 Unit Price for Local Transportation, insurance and other local costs incidental to delivery of the goods from the Phil port of entry to final delivery site

| Note: | Final delivery site of spare parts shall be at National Power Corporation, MQNLOD Office, Newtown Rd., Minuyan, San Joes Del Monte City, Bulaca |
|-------|---|
|-------|---|

| Loge | <br>Country of Ongin |
|------|----------------------|
|      |                      |
|      | <br>                 |
|      | <br>                 |
|      |                      |

| Name of Bidder:      | <br> |  |
|----------------------|------|--|
| Signature of Bidder: | <br> |  |

#### ( Bid Price Schedule )

|     |                           |                      |        |       | •  | UNIT P  | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                               |
|-----|---------------------------|----------------------|--------|-------|--|---|---|---|--|---|---|
| NO. | DESCRIPTION               | N                    | QTY    | UNIT  | C<br>O<br>D<br>E                                 | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>(J=IxC) |
| (A) | (B)                       |                      | (C     | )     | (D)  | (E)   | (F)   | (G)   | (H)  | (1)   | (1)                                       |
|     | PACKAGE                   | E V4 PR NO. \$1-MQN: | 24-013 |       |  |   |   |   |  |   |   |
| 1 1 | TOP JOINT AND GASKET KIT  | KRP1546              | 3      | PC    |  | f   | · <del> ·</del>   | <u>-</u>  |  |   |   |
| 2   | SEAT INSERT, VALVE INTAKE | CH10731              | 24     | PC    | <del>                                     </del> | t   | <del> </del>  | <del>                                     </del>                    |  |   |   |
| 3   | INLET VALVE               | CH11021              | 24     | PC    | ·  | † <b>-</b>  | l   | <del></del>   |  |   | · · · · · · ·                             |
| 4   | EXHAUST VALVE SEAT        | CH10732              | 24     | PC PC |  |   | - <del></del>   |   |  | <del></del>                                   |   |
| 5   | VALVE, EXHAUST            | CH11022              | 24     | PC    |  | i   | <del></del>   | <del></del>   |  |   | -   |
| 6   | WASHER                    | CH10716              | 48     | PC    |  |   |   |   |  |   |   |
| 7   | COTTER                    | CH10019              | 96     | PC    |  |   |   | ·   |  |   |   |
| 8   | SEAT                      | CH10715              | 48     | PC    |  |   |   |   |  |   |   |
| 9   | INJECTOR SLEEVE           | CH11311              | 12     | PC    |  |   |   | ·   |  |   |   |
| 10  | SEAL, O RING              | CH10620              | 3      | PÇ    | 1  |   |   |   |  |   |   |
| 11  | SEAL, O RING              | CH10612              | 3      | PC    |  |   | <del>-</del>  |   |  |   |   |
| 12  | SEAL, ORING               | CH10587              | 3      | PC .  |  |   |   |   |  |   |   |
|     | SEAL                      | CH10864              | 3 ]    | PC    |  | <del></del>   |   |   |  | <del></del>                                   |   |
| 14  | SEAL, ORING               | CH11614              | 3      | PC    |  |   | <del></del>   |   |  |   |   |
| 15  | CLAMP                     | CH12794              | 6      | PC    |  | <u> </u>  |   |   |  |   |   |
|     | PISTON RING KIT           | KRP1528              | 12     | PC    |  |   |   |   | <del>-</del>   |   |   |
| 17  | PISTON KIT                | KRP1527              | 12     | PC    |  |   |   |   |  |   |   |
| 18  | GUIDE, VALVE              | CH10724              | 48     | PC    |  |   |   |   |  |   |   |
| 19  | SEAL, ROCKER BOX COVER    | CH11353              | 2      | PC    |  |   |   |   |  |   |   |
| 20  | SLEEVE                    | CH10708              | 12     | PC    |  |   |   |   |  |   |   |
| 21  | BIG END BEARING KIT       | KRP3012              | 2      | PC    |  |   |   |   |  |   |   |
| 22  | INJECTOR - EXCHANGE       | R/CH10948            | 12     | PC    |  |   | L   |   |  |   |   |
|     | SUMP SEAL                 | CH10887              | 2      | PC    |  |   |   |   |  |   |   |
| 24  | CYLINDER LINER            | CH11020              | 12     | PC    |  |   |   |   |  |   |   |

#### ( Bid Price Schedule )

|             |                           |         |     |      | •                | UNIT PI  | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                               |
|-------------|---------------------------|---------|-----|------|------------------|--|---|---|--|---|---|
| ITEM<br>NO. | DESCRIPTIÓ                | N .     | QTY | UNIT | C<br>O<br>D<br>E | Total Price of Goods Delivered up to Philippine Port (Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil, Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>( E+F+G+H ) | Local Currency<br>(Phil. Peso)<br>(J=1xC) |
| (A)         | (B)                       |         | (0  | )    | (D)              | (E)  | (F)   | (G)   | (H)  | (1)   | (J)                                       |
| 25          | BAND                      | CH10673 | 12  | PC   |                  |  |   |   | <u>"</u>   |   |   |
| 26          | SEAL, OIL                 | CH10675 | 12  | PC   |                  |  |   |   |  |   |   |
| 27          | OIL SEAL                  | CH10674 | 12  | PC   |                  |  |   |   |  |   |   |
| 28          | OIL SEAL                  | CH10877 | 12  | PC   |                  |  |   |   |  |   |   |
| 29          | FRONT OIL SEAL            | CH10648 | 2   | PC   |                  |  |   | · · · · · · · · · · · · · · · · · · ·                               |  |   |   |
| 30          | MAIN BEARING KIT          | KRP3116 | 2   | PC   |                  |  | ***   |   |  |   | <del></del>                               |
| 31          | THRUST WASHER KIT         | KRP3206 | 2   | PC   | 1                |  |   |   |  |   |   |
| 32          | SPRING, VALVE OUTER       | CH10781 | 48  | PC   | 1                |  |   |   |  |   |   |
| 33          | SPRING, VALVE INNER       | CH10718 | 48  | PC   |                  |  |   |   | -  |   |   |
| 34          | TCAMSHAFT BEARING         | CH11228 | 14  | PC   |                  |  |   | 1   |  |   |   |
| 35          | CYLINDER HEAD AND VALVES  | CH11153 | 1   | ASSY |                  |  |   |   |  |   |   |
| 36          | BOLT                      | CH10712 | 16  | PC   |                  |  |   |   |  |   |   |
| 37          | ARM ASSEMBLY, ROCKER      | CH11165 | 12  | PC   |                  | • • •  |   |   |  |   | -   |
| 38          | SCREW                     | CH11182 | 12  | PC   |                  |  |   |   |  |   |   |
| 39          | NUT                       | CH10888 | 12  | PC   |                  |  |   |   |  |   |   |
| 40          | BUTTON                    | CH10689 | 12  | PC   |                  |  |   | _   |  |   |   |
| 41          | BRIDGE                    | CH10680 | 12  | PC   |                  |  |   |   |  |   |   |
| 42          | ARM ASSEMBLY, ROCKER      | CH11181 | 6   | PC   |                  |  |   |   |  |   |   |
| 43          | SCREW                     | CH11076 | 6   | PC   |                  |  |   |   |  |   |   |
| 44          | RING, SNAP                | CH10581 | 1   | PC   |                  |  |   |   |  |   |   |
| 45          | BALL BEARING              | CH10004 | 2   | PC   |                  |  |   |   |  |   |   |
| 46          | GEAR, FUEL INJECTION PUMP | CH10592 | 1   | PC   |                  |  |   |   |  |   |   |
| 47          | O RING                    | CH10590 | 1   | PC   |                  |  |   |   |  |   |   |
| 48          | ROD, CONNECTING           | CH10605 | В   | PC   |                  |  |   |   |  |   |   |
| 49          | COOLING JET, PISTON       | CH10603 | 8   | PC   |                  |  |   |   |  |   |   |

#### ( Bid Price Schedule )

|     |                     |         |     |      | •                                     | UNIT P  | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                               |
|-----|---------------------|---------|-----|------|---------------------------------------|---|---|---|--|---|---|
| NO. | DESCRIPTION         | N       | QTY | UNIT | C<br>O<br>D<br>E                      | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>(J=IxC) |
| (A) | (B)                 |         | (C  | )    | (D)                                   | (E)   | (F)   | (G)   | (H)  | (1)   | (J)                                       |
| 50  | CLAMP               | CH10790 | 6   | PC   |                                       |   |   |   |  |   | -   |
| 51  | PUMP, LIFT          | KRP1555 | 2   | PC   |                                       | , ,   |   |   |  |   |   |
| 52  | WIRING HARNESS      | CH10974 | 2   | PC   |                                       | ·   |   |   |  | -   |   |
| 53  | CORE (FUEL COOLER)  | CH11116 | 2   | PC   |                                       |   |   |   | ·  | · · · · · · · · · · · · · · · · · · ·         |   |
| 54  | HOSE ASSEMBLY       | CH11118 | 2   | PC   |                                       |   |   |   |  |   |   |
| 55  | STARTER MOTOR       | CH11089 | 1   | PC   |                                       |   |   |   |  |   |   |
| 56  | BELT TENSIONER      | CH11024 | 1   | PC   |                                       |   |   |   |  |   |   |
| 57  | FAN                 | CH11085 | 1   | PC   |                                       |   |   |   |  |   |   |
| 58  | IFAN ADAPTOR        | CH11026 | 1   | PC   | 1                                     |   |   |   |  |   |   |
| 59  | FAN DRIVE HOUSING   | CH11091 | 1   | PC   |                                       |   |   |   | ·  | ·   |   |
| 60  | OIL PUMP            | CH10960 | 1   | PC   | i                                     | · · · · · · · · · · · · · · · · · · ·                                       |   |   |  |   |   |
| 61  | HEAD, OIL FILTER    | CH11250 | 1   | PC   |                                       |   |   |   |  |   |   |
| 62  | FILTER HOUSING      | KRP1570 | 1   | PC   |                                       |   |   |   |  | <del></del>                                   |   |
| 63  | ICOOLER, OIL        | CH10903 | 1   | PC   |                                       |   |   |   |  | -   | -   |
| 64  | THERMOSTAT KIT      | KRP1554 | 1   | PC   |                                       |   | 1   |   |  |   |   |
| 65  | DAMPER              | CH10779 | 1 " | PC   |                                       |   | 1   |   |  |   |   |
| 66  | FILTER HOUSING      | CH11096 | 2   | PC   |                                       |   | I   |   |  |   |   |
| 67  | FUEL FEED PIPE      | CH10999 | 2   | PC   | · · ·                                 |   |   | <u> </u>  |  |   |   |
| 68  | PIPE, FUEL          | CH11000 | 2   | PC   |                                       |   |   |   |  |   |   |
| 69  | RADIATOR            | CH11082 | 1   | ASSY |                                       |   |   |   |  |   |   |
| 70  | SENSOR, TEMPERATURE | KRP1556 | 4   | PC   |                                       |   |   |   |  |   |   |
| 71  | SENSOR              | KRP1558 | 4   | PC   | <u> </u>                              | ·   |   |   |  |   |   |
| 72  | SENSOR, SPEED       | KRP1561 | 4   | PC   |                                       |   |   |   |  |   |   |
| 73  | SENSOR, TEMPERATURE | KRP1557 | 8   | PC · | · · · · · · · · · · · · · · · · · · · |   |   |   |  |   |   |
| 74  | SENSOR              | KRP1560 | 4   | PC   |                                       |   |   |   |  |   |   |

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MONLOD PR NOS. 51-MQN24-098, \$1-MQN24-099, \$1-MQN24-010. \$1-MQN24-011, \$1-MQN24-012 & \$1-MQN24-013

#### Section VII - SCHEDULE OF REQUIREMENTS

#### ( Bid Price Schedule )

|                   |   |                               | *                | UNIT PI   | RICE FOR GOODS AND I  | RELATED SERVICES TO   | BE SUPPLIED AND DEL  | IVERED  | TOTAL PRICE                               |
|-------------------|---|-------------------------------|------------------|---|---|---|--|---|---|
| ITEM<br>NO.       | DESCRIPTION   | QTY UNIT                      | C<br>O<br>D<br>E | Total Price of Goods<br>Delivered up to<br>Philippine Port<br>(Phil. Peso)+ | Import Duties & other<br>Levies Imposed by Phil.<br>Govt.<br>(Phil. Peso) | Value Added Tax and other Taxes Imposed by Phil. Govt. (Phil. Peso) | Local Transport from<br>Port to Delivery Site<br>(Phil. Peso)< | Total Unit Price<br>(Phil. Peso)<br>(E+F+G+H) | Local Currency<br>(Phil. Peso)<br>(J=IxC) |
| (A)               | (B)   | (C)                           | (D)              | (E)   | (F)   | (G)   | (H)  | (1)   | (J)                                       |
| 75                | SENSOR, OIL PRESSURE KRP1559                                  | 4 PC                          |                  |   |   |   |  |   |   |
| 76                | SENSOR, SPEED KRP1551   | 4 PC                          | <u> </u>         |   |   |   |  |   | <del></del>                               |
| 77                | HARNESS, WIRING CH10972 WATER PUMP KIT KRP1553                | 2 PC                          | <del> </del>     | ·   |   |   |  |   |   |
| - <del>78</del> - | WATER PUMP KIT KRP1553 ALTERNATOR CH11087                     | 1 PC                          | <del> </del>     | ·   |   | <del> </del>  |  |   |   |
| 80                | FILTER HEAD, FUEL CH11075                                     | 1 PC                          | <del> </del>     | ·   |   | -·  |  |   |   |
| 81                | TURBOCHARGER P/CH10899  | 1 PC                          | ·                | · · · · · · · · · · · · · · · · · · ·                                       |   | i   |  |   |   |
|                   |   |                               |                  |   |   |   | <u> </u>   |   |   |
|                   | TOTAL   |                               |                  |   |   |   |  |   | P   |
|                   |   |                               |                  |   | (Amount in Wor  | ds)   | <u></u>  |   |   |
| •                 | Bidders shall enter a code representing the Country of Ori    | igin of all imported          |                  |   | •   | _   | Code   |   | Country of Origin                         |
|                   | equipment, materials and accessories                          |                               |                  |   |   |   |  |   |   |
| +                 | Cost of equipment, freight, insurance, etc. up to Phil. port  |                               |                  |   |   |   |  | <u> </u>                                      |   |
| <                 | Unit Price for Local Transportation, insurance and other lo   | ocal costs incidental to      |                  |   |   | L   |  | ,   | <u> </u>                                  |
|                   | delivery of the goods from the Phil port of entry to final de | euvery site                   |                  |   |   |   |  |   |   |
| Note:             | Final delivery site of spare parts shall be at National Power | er Corporation, MQNLOD Office | e, Newtown R     | d., Minuyan, San Joes Del M   | onte City, Bulacan  |   |  |   |   |
|                   |   |                               |                  |   |   | Name of Bidder:   |  |   | <u>.</u>                                  |
|                   |   |                               |                  |   |   | Signature of Bidder:  |  |   |   |

PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

# **SECTION VIII**

# **BIDDING FORMS**

PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

# **SECTION VIII - BIDDING FORMS**

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| Sample Form     | - | Certification from DTI as Domestic Bidder  |

Standard Form No: NPCSF-GOODS-01

#### Checklist of Technical & Financial Envelope Requirements for Bidders

- A. THE 1ST ENVELOPE (TECHNICAL COMPONENT) SHALL CONTAIN THE FOLLOWING:
- 1. ELIGIBILITY DOCUMENTS
  - a. (CLASS A)
  - Any of the following:
    - PhilGEPS Certificate of Registration and Membership under Platinum Category (all pages) in accordance with Section 8.5.2 of the IRR;

#### Note:

- The failure by the prospective bidder to update its Certificate with the current and updated Class "A" eligibility documents shall result in the automatic suspension of the validity of its Certificate until such time that all of the expired Class "A" eligibility documents has been updated.
- Statement of all its ongoing government and private contracts if any, whether similar or not similar in nature and complexity to the contract to be bid(NPCSF-GOODS-02)
- ➤ The Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, and whose value, adjusted to current prices using the Philippine Statistics Authority (PSA) consumer price index, must be at least 50% of the ABC (NPCSF-GOODS-03) complete with the following supporting documents:
  - 1. Certificate of Acceptance;
    - or Certificate of Completion;
    - or Official Receipt (O.R);
    - or Sales Invoice

(The Single Largest Completed Contract (SLCC)as declared by the bidder shall be verified and validated to ascertain such completed contract. Hence, bidders must ensure access to sites of such projects/equipment to NPC representatives for verification and validation purposes during post-qualification process.

It shall be a ground for disqualification, if verification and validation cannot be conducted for reasons attributable to the Bidder.)

➤ Duly signed computation of its Net Financial Contracting Capacity (NFCC) at least equal to the ABC (NPCSF-GOODS-04) or Committed Line of Credit (CLC) at least equal to ten percent (10%) of the ABC, issued by a Universal or Commercial Bank; If the Bidder opted to submit a Committed Line of Credit (CLC), the bidder must submit a granted credit line valid/effective at the date of bidding.

#### b. (CLASS B)

- For Joint Venture (if applicable), any of the following:
  - Valid Joint Venture Agreement (NPCSF-GOODS-05)

#### OR

- Notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA, if awarded the contract
- Certification from the relevant government office of their country stating that Filipinos are allowed to participate in their government procurement activities for the same item/product (For foreign bidders claiming eligibility by reason of their country's extension of reciprocal rights to Filipinos)

Standard Form No: NPCSF-GOODS-01

#### 2. Technical Documents

- Bid Security, any one of the following:
  - Bid Securing Declaration (NPCSF-GOODS-06c)

OR

 Cash or Cashier's/Manager's check issued by a Universal or Commercial Bank – 2% of ABC;

OR

 Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: (NPCSF-GOODS-06a) -2% of ABC;

OR

- Surety Bond callable upon demand issued by a reputable surety or insurance company (NPCSF-GOODS-06b) -5% of ABC, with
  - Certification from the Insurance Commission as authorized company to issue surety
- Duly signed, completely filled-out and notarized Omnibus Sworn statement (Revised) (NPCSF-GOODS-07), complete with the following attachments:
  - For Sole Proprietorship:
    - Special Power of Attorney
  - For Partnership/Corporation/Cooperative/Joint Venture:
    - Document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)
- Data and Information to be submitted with the Bid/Proposal as specified in the Clause TS-5.0 of Section VI - Technical Specifications (if any or if applicable)
- Complete eligibility documents of the proposed subcontractor, if any

# B. THE 2<sup>ND</sup> ENVELOPE (FINANCIAL COMPONENT) SHALL CONTAIN THE FOLLOWING:

- Duly signed Bid Letter indicating the total bid amount in accordance with the prescribed form (NPCSF-GOODS-08)
- Duly signed and completely filled-out Schedule of Requirement(Section VII) indicating the unit and total prices per item and the total amount in the prescribed Price Schedule form.
- For Domestic Bidder claiming for domestic preference:
  - Letter address to the BAC claiming for preference
  - Certification from DTI as Domestic Bidder in accordance with the prescribed forms provided

SUPPLY AND DELITOR OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSONDIESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-019, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

Standard Form No: NPCSF-GOODS-01

#### **CONDITIONS:**

- Each Bidder shall submit one copy of the first and second components of its Bid. NPC may request additional hard copies
  and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for
  disqualification.
- 2. In the case of foreign bidders, the eligibility requirements under Class "A" Documents (except for Tax Clearance) may be substituted by the appropriate equivalent documents, if any, issued by the country of the foreign bidder concerned. The eligibility requirements or statements, the bids, and all other documents to be submitted to the BAC must be in English. If the eligibility requirements or statements, the bids, and all other documents submitted to the BAC are in foreign language other than English, it must be accompanied by a translation of the documents in English. The documents shall be translated by the relevant foreign government agency, the foreign government agency authorized to translate documents, or a registered translator in the foreign bidder's country; and shall be authenticated by the appropriate Philippine foreign service establishment/post or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines.
  - These documents shall be accompanied by a Sworn Statement in a form prescribed by the GPPB stating that the documents submitted are complete and authentic copies of the original, and all statements and information provided therein are true and correct. Upon receipt of the said documents, the PhilGEPS shall process the same in accordance with the guidelines on the Government of the Philippines Official Merchants Registry (GoP-OMR).
- A Bidder not submitting bid for reason that his cost estimate is higher than the ABC, is required to submit his letter of nonparticipation/regret supported by corresponding detailed estimates. Failure to submit the two (2) documents shall be understood as acts that tend to defeat the purpose of public bidding without valid reason as stated under Section 69.1.(i) of the revised IRR of R.A. 9184.

Standard Form Number: NPCSF-GOODS-02

#### List of All Ongoing Government and Private Contracts Including Contract Awarded But Not Yet Started

|                                   |  |                | Bidder's Role | 9                | a. Date Awarded  |  |
|-----------------------------------|--|----------------|---------------|------------------|--|--|
| Name of Contract/<br>Project Cost | a. Owner's Name b. Address c. Telephone Nos. | Nature of Work | Description   | %                | b. Date Started c. Date of Completion or Contract Duration/ Date of Delivery | Value of Outstandin<br>Works / Undelivere<br>Portion |
| overnment                         |  |                |               |                  |  |  |
|                                   |  |                |               | <del> </del>     | <u> </u>   |  |
|                                   |  |                |               |                  |  |  |
|                                   |  |                |               | - <del> </del>   |  | <u>-</u>   |
|                                   |  |                |               | ļ <u> </u>       |  |  |
| vate                              |  |                |               | <del> </del>     |  |  |
|                                   |  |                |               |                  |  |  |
|                                   |  | ·              | <del></del> - | <del>  – –</del> |  |  |
|                                   |  |                |               |                  |  |  |
|                                   |  |                |               |                  | Total Cost   |  |

The bidder shall declare in this form all his on-going government and private contracts including contracts where the bidder (either as individual or as a Joint Venture) is a partner in a Joint Venture agreement other than his current joint venture where he is a partner. Non declaration will be a ground for disqualification of bid.

Note: This statement shall be supported with the following documents for all the contract(s) stated above which shall be submitted during Post-qualification:

- 1. Contract/Purchase Order and/or Notice of Award
- 2. Certification coming from the project owner/client that the performance is satisfactory as of the bidding date.

| Submitted by | : (Printed Name & Signature) |
|--------------|------------------------------|
| Designation  | :                            |
| Date         |                              |

| <del></del>      |  |                                   | Contractor's F          | Role        | a Amount at Award b Amount at Completion c Duration | a. Date Awarded<br>b. Contract Effectivity<br>c. Date Completed |
|------------------|--|-----------------------------------|-------------------------|-------------|---|---|
| Name of Contract | a. Owner's Name b. Address c. Telephone Nos. | Nature of Work                    | Description             | %           |   |   |
|                  |  |                                   |                         |             |   |   |
|                  |  |                                   |                         |             |   |   |
|                  |  |                                   | 5                       |             |   |   |
|                  |  |                                   |                         |             |   |   |
|                  |  |                                   |                         |             |   |   |
|                  |  |                                   |                         |             |   |   |
|                  | et etate anly one (1) Single Large           | I<br>st Completed Contract (SLCC) | similar to the contract | t to be hid | <u> </u>  |   |

OCOTION VIII - DIDDING I ONNO

Standard Form Number: NPCSF-GOODS-04

Date : \_\_\_\_\_

#### **NET FINANCIAL CONTRACTING CAPACITY (NFCC)**

| Α. | Summary of the Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis |
|----|--|
|    | of the income tax return and audited financial statement for the immediately preceding     |
|    | calendar year are:   |

|    |                           | Year 20 |
|----|---------------------------|---------|
| 1. | Total Assets              |         |
| Ž. | Current Assets            |         |
| 3. | Total Liabilities         |         |
| 4. | Current Liabilities       |         |
| 5. | Net Worth (1-3)           |         |
| 6. | Net Working Capital (2-4) |         |

| В. | The Net Financial | Contracting | Capacity | (NFCC) | based | on the | above | data is | s computed |
|----|-------------------|-------------|----------|--------|-------|--------|-------|---------|------------|
|    | as follows:       |             |          |        |       |        |       |         |            |
|    |                   |             |          |        |       |        |       |         |            |

| NFCC = [(Current assets minus current lime outstanding or uncompleted portions of the including awarded contracts yet to be started Project. | ne projects under ongoing contracts, |
|--|--------------------------------------|
| NFCC = P   |                                      |
| Herewith attached is certified true copy of the<br>"RECEIVED" by the BIR or BIR authorized collect<br>calendar year.                         |                                      |
| Submitted by:  |                                      |
| Name of Supplier / Distributor / Manufacturer  |                                      |
| Signature of Authorized Representative   | _                                    |

Standard Form Number: NPCSF-GOODS-05

#### JOINT VENTURE AGREEMENT

| KNOW ALL MEN BY THESE PRESENTS:   |  |
|---|--|
|   | ENT is entered into by and between:<br>civil status), authorized representative of   |
| - 8   | and—   |
| , of legal age, <u>(civi</u> a resident of  | <u>il status)</u> , authorized representative of   |
|   | er their capital, manpower, equipment, and other re to participate in the Bidding and Undertaking of Power Corporation.  |
| NAME OF PROJECT   | CONTRACT AMOUNT  |
| That the capital contribution of each me  | mber firm:   |
| NAME OF FIRM  | CAPITAL CONTRIBUTION   |
| 1.  | ₽  |
| 2.  | Þ  |
| That both parties agree to be jointly Bidding and Undertaking of the said contract.   | and severally liable for their participation in the  |
| be the Official Representative/s of the Joint Ve<br>do, execute and perform any and all acts nece<br>Bidding and Undertaking of the said contract,<br>do and if personally present with full power of s | and/or shall enture, and are granted full power and authority to essary and/or to represent the Joint Venture in the as fully and effectively and the Joint Venture may ubstitution and revocation.  half remain in effect only for the above stated |
| Name & Signature of Authorized<br>Representative  | Name & Signature of<br>Authorized Representative   |
| Official Designation  | Öfficial Designation   |
| Name of Firm  | Name of Firm   |
| With  | nesses   |
| 1   | 2  |

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Standard Form Number: NPCSF-GOODS-06a

(Signature, Name and Address)

#### FORM OF BID SECURITY (BANK GUARANTEE)

| WHER<br>submitt<br>Bid").               | EAS, <u>(Name of Bidder)</u><br>ted his bid dated (Date)   | (hereinafter called "the Bidder") has for the <i>[name of project]</i> (hereinafter called "the  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|
| (Name o<br>(herein<br>Entity")<br>which | KNOW ALL MEN by these presents that We (Name of Bank) of Name of Country having our registered office at hereinafter called "the Bank" are bound unto National Power Corporation (hereinafter called "the Entity") in the sum of [amount in words & figures as prescribed in the bidding documents] for which payment well and truly to be made to the said Entity the Bank binds himself, his successors and assigns by these presents. |  |  |  |  |  |  |  |  |
| SEALE                                   | D with the Common Se   | al of the said Bank this day of 20   |  |  |  |  |  |  |  |
| THE C                                   | ONDITIONS of this obli   | gation are that:   |  |  |  |  |  |  |  |
| 1)                                      | if the Bidder withdraws  | s his Bid during the period of bid validity specified in the Bidding                             |  |  |  |  |  |  |  |
| 2)                                      | if the Bidder does no accordance with the In   | t accept the correction of arithmetical errors of his bid price in structions to Bidder; or      |  |  |  |  |  |  |  |
| 3)                                      | if the Bidder, having determined as the LCB, fails or refuses to submit the required tax clearance, latest income and business tax returns and PhilGEPs registration certificate within the prescribed period; or  |  |  |  |  |  |  |  |  |
| 4)                                      |  | een notified of the acceptance of his bid and award of contract to g the period of bid validity: |  |  |  |  |  |  |  |
|   | a) fails or refuses to e   | execute the Contract; or   |  |  |  |  |  |  |  |
|   | b) fails or refuses to s   | ubmit the required valid JVA, if applicable; or  |  |  |  |  |  |  |  |
|   | <li>c) fails or refuses to furnish the Performance Security in accordance with the<br/>Instructions to Bidders;</li>   |  |  |  |  |  |  |  |  |
| deman<br>Entity v                       | we undertake to pay to the Entity up to the above amount upon receipt of his first written demand, without the Entity having to substantiate its demand, provided that in his demand the Entity will note that the amount claimed by it is due to the occurrence of any one or combination of the four (4) conditions stated above.  |  |  |  |  |  |  |  |  |
| extend                                  | The Guarantee will remain in force up to 120 days after the opening of bids or as it may be extended by the Entity, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.  |  |  |  |  |  |  |  |  |
| DATE                                    | <del></del>  | SIGNATURE OF THE BANK  |  |  |  |  |  |  |  |
| WITNE                                   | ess  | SEAL   |  |  |  |  |  |  |  |
|   |  |  |  |  |  |  |  |  |  |

Standard Form Number: NPCSF-GOODS-06b

#### FORM OF BID SECURITY (SURETY BOND)

| BOND  | NO.: DATE BOND EXECUTED:   |                   |  |  |  |  |  |  |
|---|--|-------------------|--|--|--|--|--|--|
| of Sure<br>transac<br>unto N<br>(amous<br>payme | (hereinafter called "the Principal") and (Name of Country of Surety)  of (Name of Country of Surety)  ot business in the Philippines (hereinafter called "the Surety") are held and firmly boun ational Power Corporation (hereinafter called "the Employer") as Obligee, in the sum on the tin words & figures as prescribed in the bidding documents), callable on demand, for the number of which sum, well and truly to be made, we, the said Principal and Surety bin wes, our successors and assigns, jointly and severally, firmly by these presents. | o<br>d<br>of<br>e |  |  |  |  |  |  |
| SEALE   | D with our seals and dated this day of 20  |                   |  |  |  |  |  |  |
|   | EAS, the Principal has submitted a written Bid to the Employer dated the day to 20, for the day to (hereinafter called "the Bid").   | of                |  |  |  |  |  |  |
| NOW,  | THEREFORE, the conditions of this obligation are:  |                   |  |  |  |  |  |  |
| 1)  | if the Bidder withdraws his Bid during the period of bid validity specified in the Biddin Documents; or  | g                 |  |  |  |  |  |  |
| 2)  | if the Bidder does not accept the correction of arithmetical errors of his bid price in accordance with the Instructions to Bidder; or   |                   |  |  |  |  |  |  |
| 3)  | if the Bidder, having determined as the LCB, fails or refuses to submit the required ta clearance, latest income and business tax returns and PhilGEPs registration certificat within the prescribed period; or  |                   |  |  |  |  |  |  |
| 4)  | if the Bidder having been notified of the acceptance of his bid and award of contract thim by the Entity during the period of bid validity:  | 0                 |  |  |  |  |  |  |
|   | d) fails or refuses to execute the Contract; or  |                   |  |  |  |  |  |  |
|   | e) fails or refuses to submit the required valid JVA, if applicable; or  |                   |  |  |  |  |  |  |
|   | f) fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders;  | e                 |  |  |  |  |  |  |

PROVIDED HOWEVER, that the Surety shall not be:

a) liable for a greater sum than the specified penalty of this bond, nor

then this obligation shall remain in full force and effect, otherwise it shall be null and void.

b) liable for a greater sum that the difference between the amount of the said Principal's Bid and the amount of the Bid that is accepted by the Employer.

Standard Form Number: NPCSF-GOODS-06b Page 2 of 2

This Surety executing this instrument hereby agrees that its obligation shall be valid for 120 calendar days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Surety is hereby waived.

| PRINCIPAL            | SURETY        |
|----------------------|---------------|
| SIGNATURE(S)         | SIGNATURES(S) |
| NAME(S) AND TITLE(S) | NAME(S)       |
| SEAL                 | SEAL          |

MQN24-011, S1-MQN24-012 & S1-MQN24-013

SECTION VIII - BIDDING FORMS

\_\_\_\_\_\_

Standard Form No: NPCSF-GOODS-06c

| REPUBLIC OF THE PHILIPPINES) |        |
|------------------------------|--------|
| CITY OF                      | ) S.S. |

#### **BID-SECURING DECLARATION**

SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

To: National Power Corporation BIR Road cor. Quezon Ave. Diliman, Quezon City

I/We<sup>1</sup>, the undersigned, declare that:

- 1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
- 2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the Procuring Entity for the commission of acts resulting to the enforcement of the Bid Securing Declaration under Sections 23.1 (b), 34.2, 40.1 and 69.1, except 69.1 (f) of the IRR of R.A. 9184; without prejudice to other legal action the government may undertake.
- 3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
  - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
  - (c) I am/we are declared as the bidder with the Lowest Calculated and Responsive Bid, and I/we have furnished the performance security and signed the Contract.

|    | Bid, and i/we have turnished the performance security and signed the Contract      |
|----|--|
| 20 | IN WITNESS WHEREOF, I/we have hereunto set my hand this day of<br>at, Philippines. |
|    | [Name and Signature of Bidder's Representative/<br>Authorized Signatory]           |
|    | [Signatory's legal capacity] Affiant   |
|    | [Jurat]  |

<sup>1</sup> Select one and delete the other. Adopt same instruction for similar terms throughout the document.

PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013

[Format shall be based on the latest Rules on Notarial Practice]

Standard Form No: NPCSF-GOODS-07

#### Omnibus Sworn Statement (Revised)

| REPUBLIC OF THE PHILIPPINES | )     |
|-----------------------------|-------|
| CITY/MUNICIPALITY OF        | ) S.S |

#### **AFFIDAVIT**

- I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:
- 1. [Select one, delete the other:]

[If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

[If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. [Select one, delete the other:]

[If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;
- Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted:
- 6. [Select one, delete the rest:]

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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SECTION VIII - BIDDING FORMS

[If a partnership or cooperative:] None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
- [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
- 10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

| IN<br>— | WHEREOF,<br>, Philippines. | have | hereunto | set    | my   | hand   | this | _    | day   | of  |      | 20   | . at |
|---------|----------------------------|------|----------|--------|------|--------|------|------|-------|-----|------|------|------|
|         |                            |      | fin      | sert f | VAM. | E OF I | BIDD | ER ( | OR IT | S A | UTHO | RIZE | D    |

en NAME OF BIDDER OR ITS AUTHORIZED

REPRESENTATIVE]

[Insert signatory's legal capacity]

Affiant

[Jurat]

[Format shall be based on the latest Rules on Notarial Practice]

Standard Form No: NPCSF-GOODS-08

| BID LETTER   |  |  |
|--|--|--|
| Date:  |  |  |
| To: THE PRESIDENT National Power Corporation BIR Road cor. Quezon Ave. Diliman, Quezon City  |  |  |
| Gentlemen:   |  |  |
| Having examined the Bidding Documents including Bid Bulletin Numbers [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to perform SUPPLY AND DELIVERY OF CONSOLIDATED PMS AND SECURITY SPARE PARTS FOR PERKINS AND FG-WILSON DIESEL GENERATING SETS OF MQNLOD (PR NOS. S1-MQN24-008, S1-MQN24-009, S1-MQN24-010, S1-MQN24-011, S1-MQN24-012 & S1-MQN24-013) in conformity with the said Bidding Documents for the sum of total Bid amount in words and figures or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.                              |  |  |
| We undertake, if our Bid is accepted, to supply and deliver the goods and perform other services, if required within the contract duration and in accordance with the scope of the contract specified in the Schedule of Requirements and Technical Specifications.  |  |  |
| If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.  |  |  |
| We agree to abide by this Bid for the Bid Validity Period specified in Bid Documents and it shall remain binding upon us and may be accepted at any time before the expiration of that period.   |  |  |
| Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.  |  |  |
| We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.   |  |  |
| We certify/confirm that we comply with the eligibility requirements pursuant to the Bidding Documents.   |  |  |
| We likewise certify/confirm that the undersigned, [for sole proprietorships, insert:as the owner and sole proprietor or authorized representative of [Name of Bidder] has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the [Name of Project] of the National Power Corporation[for partnerships, corporations, cooperatives, or joint ventures, insert:is granted full power and authority by the [Name of Bidder] to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for [Name of Project] of the National Power Corporation. |  |  |
| We acknowledge that failure to sign each and every page of this Bid Letter, including the attached Schedule of Requirements (Bid Price Schedule), shall be a ground for the rejection of our bid.  |  |  |
| [name and signature of authorized signatory] [in the capacity of]  |  |  |
| Duly authorized to sign Bid for and on behalf of   |  |  |

[name of bidder]

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#### **Bank Guarantee Form for Advance Payment**

To: THE PRESIDENT

National Power Corporation BIR Road cor. Quezon Ave. Diliman, Quezon City

[name of Contract]

#### Gentlemen and/or Ladies:

In accordance with the Advance Payment Provision, of the General Conditions of Contract, <u>Iname and address of Supplier</u> (hereinafter called the "Supplier") shall deposit with the PROCURING ENTITY a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of <u>Iamount of guarantee in figures and words</u>].

We, the <u>[name of the universal/commercial bank]</u>, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the PROCURING ENTITY on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding <u>[amount of guarantee in figures and words]</u>.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the PROCURING ENTITY and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date the advance payment is received by the Supplier under the Contract and until the Goods are accepted by the PROCURING ENTITY.

Yours truly,

| [name of bank or financial institution] |    |  |
|---|----|--|
| [address]                               | •  |  |
| [date]                                  | ·• |  |

Signature and seal of the Guarantors

#### **CERTIFICATION AS A DOMESTIC BIDDER**

| This is to certify that based on the records of this off   | Îlčê, <u>(Name of Bidder)</u> İŝ        |
|--|---|
| duly registered with the DTI on  |   |
|  |   |
| This further certifies that the articles forming part of   | the product of (Name of Bidder)         |
| nich are/is ( <u>Specify)</u>  |   |
| articles, materials, or supplies grown, produced or manu-  | ufactured in the Philippines. (Please   |
| encircle the applicable description/s).  |   |
|  |   |
| This certification is issued upon the request of (National Control of the Indian Control | me of Person/Entity) in connection with |
| his intention to participate in the bidding for the  | e (Name of Project)                     |
| of the National Power Corporation (NPC).   |   |
|  |   |
| Given thisday of20at   | , Philippines                           |
|  | Name                                    |
|  | Position                                |
|  | Department of Trade & Industry          |