

ตารางแสดงวงเงินงบประมาณที่ได้รับจัดสรรและรายละเอียดค่าใช้จ่าย  
การจัดซื้อจัดจ้างที่มีชิ้นงานก่อสร้าง

|   |  |        |                |                        |        |
|---|--|--------|----------------|------------------------|--------|
| ๑. ชื่อโครงการ                                | จัดซื้ออะไหล่เครื่องจักรใหญ่                       | ชว.ชัย | ตราอักษร       | MTU รุ่น 12V 1163 TB93 | .....  |
|   | ชิ้น   | M O/H  | เรือหลวงล่องลม | จำนวน ๕๐๗              | รายการ |
| ๒. หน่วยงานเจ้าของโครงการ                     | กรมอุทกหารเรือ                                     |        |                |                        |        |
| ๓. วงเงินงบประมาณที่ได้รับการจัดสรร           |  |        |                | ๓๕,๗๐๗,๐๐๐.๐๐          | บาท    |
| ๔. วันที่กำหนดราคากลาง (ราคาอ้างอิง) ณ วันที่ | 21 มิ ค 2563                                       |        |                |                        |        |
| เป็นเงิน                                      |  |        |                | ๓๑,๙๓๕,๔๑๑.๕๓          | บาท    |
| ราคา/หน่วย (ถ้ามี)                            | ตามบัญชีรายการแนบท้าย                              |        |                | บาท                    |        |
| ๕. แหล่งที่มาของราคากลาง (ราคาอ้างอิง)        |  |        |                |                        |        |
| ๕.๑   | สืบราคาจาก บริษัท เอ็มเพาเวอร์ เอ็นจิเนียริง จำกัด |        |                |                        |        |
| ๕.๒   |  |        |                |                        |        |
| ๕.๓   |  |        |                |                        |        |
| ๖. รายชื่อผู้รับผิดชอบกำหนดราคากลาง           |  |        |                |                        |        |
| ๖.๑   | นาวาเอก อานนท์ พงษ์ทองเจริญ                        |        |                |                        |        |
| ๖.๒   | นาวาเอก ศราวุธ ทับทิม                              |        |                |                        |        |
| ๖.๓   | นาวาตรี ธนพัฒน์ คนชื่อ                             |        |                |                        |        |
| ๖.๔   |  |        |                |                        |        |
| ๖.๕   |  |        |                |                        |        |

บัญชีรายการแนบท้าย

ประมาณราคากลางจัดซื้ออะไหล่เครื่องจักรใหญ่ ขวา-ซ้าย ตราอักษร MTU 12V 1163 TB93  
ชั้น M O/H ร.ล.ล่องลม

| ลำดับ | PART NO.                   | รายการ                            | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|----------------------------|-----------------------------------|-------|----------|--|------------------|
| 1     | 5800150560                 | SEALING RING                      | 14    | EA       | 859.21   | 12,028.94        |
| 2     | 700429048001               | O-RING                            | 2     | EA       | 112.35   | 224.70           |
| 3     | 007603064100               | WASHER A COP                      | 4     | EA       | 233.26   | 933.04           |
| 4     | 001481008001               | SPRING PIN                        | 16    | EA       | 11.77  | 188.32           |
| 5     | 007603048101               | COPPER SEALING RING               | 28    | EA       | 80.25  | 2,247.00         |
| 6     | 5840111810<br>(5840110410) | CYLINDER LINER SIZE 0             | 24    | EA       | 142,236.17                                     | 3,413,668.08     |
| 7     | 5909970040                 | SEALING RING                      | 24    | EA       | 1,261.53                                       | 30,276.72        |
| 8     | 161A15027/1                | GASKET                            | 48    | EA       | 2,045.84                                       | 98,200.32        |
| 9     | 5800162319<br>(5800161319) | SEALING RING                      | 24    | EA       | 4,893.11                                       | 117,434.64       |
| 10    | 5800180273                 | TAB WASHER                        | 24    | EA       | 49.22  | 1,181.28         |
| 11    | 0029971248                 | RUBBER RING                       | 24    | EA       | 2,311.20                                       | 55,468.80        |
| 12    | 5800180580<br>(5800180080) | GASKET                            | 4     | EA       | 326.35   | 1,305.40         |
| 13    | 700292008400               | WASHER TAB LOCKING 8 .4 ST52-3 03 | 272   | EA       | 39.59  | 10,768.48        |
| 14    | 007603022102               | COPPER SEALING RING               | 38    | EA       | 86.67  | 3,293.46         |
| 15    | 000137010202               | WASHER SPRING B10                 | 2640  | EA       | 9.63   | 25,423.20        |
| 16    | 007603012111               | COPPER SEALING RING               | 174   | EA       | 60.99  | 10,612.26        |
| 17    | 007603024106               | SEALING RING                      | 50    | EA       | 67.41  | 3,370.50         |
| 18    | 700429010000               | O-RING                            | 84    | EA       | 19.26  | 1,617.84         |
| 19    | 5810110380<br>(5810110080) | GASKET                            | 4     | EA       | 2,141.07                                       | 8,564.28         |
| 20    | 5810110480<br>(5810110180) | GASKET                            | 4     | EA       | 3,274.20                                       | 13,096.80        |
| 21    | 5810110580<br>(5810110280) | GASKET                            | 8     | EA       | 3,480.71                                       | 27,845.68        |
| 22    | 000125010524               | WASHER                            | 60    | EA       | 10.70  | 642.00           |
| 23    | 007603010107               | WASHER A COP                      | 80    | EA       | 43.87  | 3,509.60         |
| 24    | 007993014200               | SNAP RING                         | 24    | EA       | 43.87  | 1,052.88         |
| 25    | 5800140380<br>(5800140280) | GASKET                            | 2     | EA       | 21,877.22                                      | 43,754.44        |
| 26    | 700429035000               | O-RING                            | 4     | EA       | 93.09  | 372.36           |
| 27    | 5900141280<br>(5900140680) | GASKET                            | 8     | EA       | 219.35   | 1,754.80         |
| 28    | 700292010500               | TAB WASHER                        | 424   | EA       | 47.08  | 19,961.92        |
| 29    | 007603038101               | COPPER SEALING RING               | 26    | EA       | 140.17   | 3,644.42         |
| 30    | 007603016105               | COPPER SEALING RING               | 240   | EA       | 60.99  | 14,637.60        |
| 31    | 007603030101               | COPPER SEALING RING               | 56    | EA       | 129.47   | 7,250.32         |
| 32    | 700429033001               | O-RING                            | 42    | EA       | 124.12   | 5,213.04         |

| ลำดับ | PART NO.                       | รายการ                      | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|--------------------------------|-----------------------------|-------|----------|--|------------------|
| 33    | 700429042000                   | O-RING                      | 34    | EA       | 179.76   | 6,111.84         |
| 34    | 5849940030                     | TAB WASHER                  | 10    | EA       | 989.75   | 9,897.50         |
| 35    | 5800151160                     | SEALING RING                | 16    | EA       | 854.93   | 13,678.88        |
| 36    | 5840180053                     | PLUG-IN PIPE                | 12    | EA       | 4,175.14                                       | 50,101.68        |
| 37    | 5840180153                     | PLUG-IN PIPE                | 8     | EA       | 4,135.55                                       | 33,084.40        |
| 38    | 5840510150                     | BUSHING SIZE 0-0            | 40    | EA       | 10,311.59                                      | 412,463.60       |
| 39    | 5800510150                     | BUSHING                     | 24    | EA       | 2,519.85                                       | 60,476.40        |
| 40    | 8499971030                     | O-RING                      | 4     | EA       | 2,978.88                                       | 11,915.52        |
| 41    | 5800150360                     | SEALING RING                | 48    | EA       | 750.07   | 36,003.36        |
| 42    | 5800150460                     | SEALING RING                | 4     | EA       | 720.11   | 2,880.44         |
| 43    | 700292013000                   | TAB WASHER                  | 34    | EA       | 37.45  | 1,273.30         |
| 44    | 5800150073                     | TAB WASHER                  | 8     | EA       | 861.35   | 6,890.80         |
| 45    | 5800152280<br>(5800151180)     | GASKET                      | 2     | EA       | 1,891.76                                       | 3,783.52         |
| 46    | 5840151080<br>(5840150080)     | GASKET FOR GEAR CASE        | 4     | EA       | 1,857.52                                       | 7,430.08         |
| 47    | 000137012202                   | WASHER SPRING B12           | 686   | EA       | 10.70  | 7,340.20         |
| 48    | 5840630280<br>(5840630180)     | GASKET                      | 2     | EA       | 1,503.35                                       | 3,006.70         |
| 49    | 700429045000                   | O-RING                      | 38    | EA       | 108.07   | 4,106.66         |
| 50    | 5621870880<br>(5629970249)     | GASKET                      | 2     | EA       | 1,395.28                                       | 2,790.56         |
| 51    | 5800150151                     | CENTERING RING              | 2     | EA       | 54,777.58                                      | 109,555.16       |
| 52    | 205412223005<br>(205412223000) | CYL ROLLER BEARING          | 12    | EA       | 20,952.74                                      | 251,432.88       |
| 53    | 205412223006<br>(205412223001) | CYL ROLLER BEARING          | 4     | EA       | 30,733.61                                      | 122,934.44       |
| 54    | 700217015003                   | SHAFT SEAL                  | 2     | EA       | 532.86   | 1,065.72         |
| 55    | 700294121000                   | O-RING                      | 4     | EA       | 1,099.96                                       | 4,399.84         |
| 56    | 205412203010                   | CYL ROLLER BEARING          | 4     | EA       | 13,893.95                                      | 55,575.80        |
| 57    | 700429008002                   | O-RING                      | 4     | EA       | 48.15  | 192.60           |
| 58    | 700429050003                   | O-RING                      | 8     | EA       | 100.58   | 804.64           |
| 59    | 700217025006                   | SHAFT SEAL                  | 2     | EA       | 990.82   | 1,981.64         |
| 60    | 0009964645<br>(0009967440)     | SWIVEL HEAD                 | 4     | EA       | 15,636.98                                      | 62,547.92        |
| 61    | 5840600139                     | ARTICULATED ROD             | 2     | EA       | 17,025.84                                      | 34,051.68        |
| 62    | 5840600039                     | LINK                        | 2     | EA       | 8,936.64                                       | 17,873.28        |
| 63    | 5840520052                     | ADJUSTING WASHER            | 2     | EA       | 7,304.89                                       | 14,609.78        |
| 64    | 5840520152                     | ADJUSTING WASHER            | 12    | EA       | 6,146.08                                       | 73,752.96        |
| 65    | 5840520252                     | ADJUSTING WASHER            | 4     | EA       | 6,246.66                                       | 24,986.64        |
| 66    | 007603026104                   | COPPER SEALING RING         | 32    | EA       | 79.18  | 2,533.76         |
| 67    | 007603045101                   | COPPER SEALING RING         | 8     | EA       | 69.55  | 556.40           |
| 68    | 007603018101                   | COPPER SEALING RING         | 106   | EA       | 21.40  | 2,268.40         |
| 69    | 5840300160                     | CONROD BEARING SIZE 0-0     | 24    | EA       | 30,053.09                                      | 721,274.16       |
| 70    | 5840301540                     | CRANKSHAFT BEARING SIZE 0-0 | 14    | EA       | 37,420.04                                      | 523,880.56       |

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|-------|------------------------------|-----------------------------|-------|----------|--|------------------|
| 71    | 5800310638                   | COLLARED BUSHING            | 2     | EA       | 143,465.60                                     | 286,931.20       |
| 72    | 700429014000                 | O-RING                      | 54    | EA       | 58.85  | 3,177.90         |
| 73    | 5800311651                   | CENTERING RING              | 2     | EA       | 171,421.49                                     | 342,842.98       |
| 74    | 705102310005                 | ANG. CONT. BALL BRG.        | 2     | EA       | 136,483.85                                     | 272,967.70       |
| 75    | 700290008400                 | TAB WASHER                  | 6     | EA       | 220.42   | 1,322.52         |
| 76    | 007603014102                 | COPPER SEALING RING         | 132   | EA       | 58.85  | 7,768.20         |
| 77    | 0129977247                   | SHAFT SEAL                  | 2     | EA       | 17,006.58                                      | 34,013.16        |
| 78    | 700429017000                 | O-RING                      | 16    | EA       | 38.52  | 616.32           |
| 79    | 5800333830                   | CRANKSHAFT BEARING SIZE 0-0 | 4     | EA       | 40,319.74                                      | 161,278.96       |
| 80    | 5800310433                   | COVER                       | 44    | EA       | 123.05   | 5,414.20         |
| 81    | 007603056100                 | SEALING RING                | 4     | EA       | 167.99   | 671.96           |
| 82    | 5840380150                   | CONROD BUSHING SIZE 0       | 12    | EA       | 8,642.39                                       | 103,708.68       |
| 83    | 5900350074                   | PIN                         | 4     | EA       | 19,534.99                                      | 78,139.96        |
| 84    | 5809930038                   | SLEEVE SPRING               | 32    | EA       | 15,859.54                                      | 507,505.28       |
| 85    | 5849901919                   | SCREW                       | 144   | EA       | 4,848.17                                       | 698,136.48       |
| 86    | 5801870980<br>(5801870480)   | GASKET                      | 2     | EA       | 4,823.56                                       | 9,647.12         |
| 87    | 700292017000                 | TAB WASHER                  | 4     | EA       | 39.59  | 158.36           |
| 88    | 5800152180<br>(5800151080)   | GASKET                      | 2     | EA       | 1,937.77                                       | 3,875.54         |
| 89    | 0129977347                   | SHAFT SEAL                  | 2     | EA       | 18,291.65                                      | 36,583.30        |
| 90    | 000137008203                 | WASHER SPRING B8            | 992   | EA       | 9.63   | 9,552.96         |
| 91    | 5610110059                   | SEALING RING                | 196   | EA       | 86.67  | 16,987.32        |
| 92    | 5800110259<br>(5800110159)   | SEALING RING                | 96    | EA       | 238.61   | 22,906.56        |
| 93    | 700429050000                 | O-RING                      | 48    | EA       | 126.26   | 6,060.48         |
| 94    | 5800110558                   | SEAL CARRIER                | 24    | EA       | 4,672.69                                       | 112,144.56       |
| 95    | 5809970048                   | SEALING RING                | 192   | EA       | 138.03   | 26,501.76        |
| 96    | 5840160271                   | SCREW                       | 10    | EA       | 3,812.41                                       | 38,124.10        |
| 97    | 135A45008/2                  | SLEEVE                      | 40    | EA       | 312.44   | 12,497.60        |
| 98    | 5840530330                   | VALVE GUIDE EXHAUST         | 48    | EA       | 9,886.80                                       | 474,566.40       |
| 99    | 5840530029                   | VALVE GUIDE INLET           | 48    | EA       | 2,861.18                                       | 137,336.64       |
| 100   | 700429017001<br>(0169978748) | O-RING                      | 48    | EA       | 19.26  | 924.48           |
| 101   | 0000533235                   | VALVE ROTATOR               | 24    | EA       | 16,577.51                                      | 397,860.24       |
| 102   | 5809940201                   | TAB WASHER                  | 24    | EA       | 151.94   | 3,646.56         |
| 103   | 5840500445                   | LOCATING ELEMENT            | 4     | EA       | 127,197.32                                     | 508,789.28       |
| 104   | 5849901819                   | STRESS BOLT                 | 4     | EA       | 2,238.44                                       | 8,953.76         |
| 105   | 000137016201                 | WASHER SPRING B16           | 424   | EA       | 12.84  | 5,444.16         |
| 106   | 5800520680<br>(5800520480)   | GASKET                      | 2     | EA       | 848.51   | 1,697.02         |
| 107   | 700217018002                 | SHAFT SEAL                  | 2     | EA       | 1,227.29                                       | 2,454.58         |
| 108   | 5800520580<br>(5800520180)   | GASKET                      | 2     | EA       | 807.85   | 1,615.70         |
| 109   | 700429090000                 | O-RING                      | 2     | EA       | 267.50   | 535.00           |

| ลำดับ | PART NO.                       | รายการ               | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|--------------------------------|----------------------|-------|----------|--|------------------|
| 110   | 700429010002                   | O-RING               | 18    | EA       | 29.96  | 539.28           |
| 111   | 5840150580<br>(5840150280)     | GASKET               | 4     | EA       | 877.40   | 3,509.60         |
| 112   | 700429028001                   | O-RING               | 4     | EA       | 88.81  | 355.24           |
| 113   | 700429230000<br>(700294230001) | O-RING               | 4     | EA       | 614.18   | 2,456.72         |
| 114   | 700429006001                   | O-RING               | 60    | EA       | 19.26  | 1,155.60         |
| 115   | 700294327000                   | O-RING               | 24    | EA       | 643.07   | 15,433.68        |
| 116   | 5849901719                     | STRESS BOLT          | 12    | EA       | 1,549.36                                       | 18,592.32        |
| 117   | 5849900751                     | NUT                  | 12    | EA       | 3,527.79                                       | 42,333.48        |
| 118   | 5030611580<br>(5030610180)     | GASKET               | 2     | EA       | 1,174.86                                       | 2,349.72         |
| 119   | 5030611980<br>(5030610080)     | GASKET               | 2     | EA       | 762.91   | 1,525.82         |
| 120   | 200625961801                   | GROOVED BALL BEARING | 48    | EA       | 4,676.97                                       | 224,494.56       |
| 121   | 0009965940                     | ARTICULATED ROD      | 24    | EA       | 4,352.76                                       | 104,466.24       |
| 122   | 0009903948                     | SPRING WASHER        | 24    | EA       | 299.60   | 7,190.40         |
| 123   | 700294024000                   | O-RING               | 6     | EA       | 57.78  | 346.68           |
| 124   | 700429009003                   | O-RING               | 6     | EA       | 16.05  | 96.30            |
| 125   | 700327008000                   | GROMMET              | 164   | EA       | 80.25  | 13,161.00        |
| 126   | 5111400241                     | CLAMP                | 6     | EA       | 27,629.54                                      | 165,777.24       |
| 127   | 114C62033/1                    | SEALING RING         | 12    | EA       | 109.14   | 1,309.68         |
| 128   | 5841420857                     | SEALING RING         | 12    | EA       | 496.48   | 5,957.76         |
| 129   | 5120850260                     | PISTON RING          | 6     | EA       | 6,311.93                                       | 37,871.58        |
| 130   | 5120850160                     | PISTON RING          | 6     | EA       | 7,951.17                                       | 47,707.02        |
| 131   | 700429142000                   | O-RING               | 6     | EA       | 386.27   | 2,317.62         |
| 132   | 5120250850<br>(5120250050)     | BEARING BUSHING      | 12    | EA       | 7,047.02                                       | 84,564.24        |
| 133   | 5110850060                     | PISTON RING          | 12    | EA       | 875.26   | 10,503.12        |
| 134   | 5129940030                     | TAB WASHER           | 36    | EA       | 165.85   | 5,970.60         |
| 135   | 700429042001                   | O-RING               | 6     | EA       | 69.55  | 417.30           |
| 136   | X00011067<br>(5110250050)      | BEARING BUSHING      | 12    | EA       | 4,844.96                                       | 58,139.52        |
| 137   | 5100850060                     | RING SEAL            | 12    | EA       | 1,018.64                                       | 12,223.68        |
| 138   | 5110850560                     | RING SEAL            | 6     | EA       | 3,070.90                                       | 18,425.40        |
| 139   | 5110850460                     | PISTON RING          | 6     | EA       | 4,229.71                                       | 25,378.26        |
| 140   | 700429105001                   | O-RING               | 6     | EA       | 141.24   | 847.44           |
| 141   | 700429166000                   | O-RING               | 6     | EA       | 875.26   | 5,251.56         |
| 142   | 5119940330                     | TAB WASHER           | 36    | EA       | 235.40   | 8,474.40         |
| 143   | 5110250072                     | HEX NUT              | 6     | EA       | 1,577.18                                       | 9,463.08         |
| 144   | 5120250310                     | BEARING              | 6     | EA       | 54,015.74                                      | 324,094.44       |
| 145   | 5120200110                     | THRUST BEARING       | 6     | EA       | 108,654.22                                     | 651,925.32       |
| 146   | 5110251110                     | BEARING              | 6     | EA       | 30,177.21                                      | 181,063.26       |
| 147   | 5110200210                     | THRUST BEARING       | 6     | EA       | 48,430.34                                      | 290,582.04       |
| 148   | 5119900051                     | HEX NUT              | 72    | EA       | 436.56   | 31,432.32        |

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|-------|------------------------------|------------------|-------|----------|--|------------------|
| 149   | XT3510100217<br>(5205300171) | MAGNETIC NUT     | 6     | EA       | 12,963.05                                      | 77,778.30        |
| 150   | 000472045000                 | SNAP RING        | 12    | EA       | 36.38  | 436.56           |
| 151   | 5120250053                   | SPACER SLEEVE    | 6     | EA       | 13,933.54                                      | 83,601.24        |
| 152   | X59599100058<br>(5110250052) | WASHER           | 12    | EA       | 1,205.89                                       | 14,470.68        |
| 153   | 5110250153                   | SPACER SLEEVE    | 6     | EA       | 8,650.95                                       | 51,905.70        |
| 154   | 000472020000                 | RING SNAP        | 24    | EA       | 51.36  | 1,232.64         |
| 155   | 000472034000                 | SNAP RING        | 12    | EA       | 79.18  | 950.16           |
| 156   | X00010427<br>(5110250276)    | WASHER           | 12    | EA       | 8,373.82                                       | 100,485.84       |
| 157   | 5840940180                   | GASKET           | 6     | EA       | 8,475.47                                       | 50,852.82        |
| 158   | 5840984480<br>(5840982580)   | GASKET           | 12    | EA       | 191.53   | 2,298.36         |
| 159   | 5840940123<br>(5840900245)   | FRAME            | 6     | EA       | 17,520.18                                      | 105,121.08       |
| 160   | 5840983780<br>(5840981280)   | GASKET           | 12    | EA       | 1,426.31                                       | 17,115.72        |
| 161   | 5840981580                   | GASKET           | 6     | EA       | 4,914.51                                       | 29,487.06        |
| 162   | 5840983880<br>(5840981480)   | GASKET           | 6     | EA       | 1,438.08                                       | 8,628.48         |
| 163   | 700429345000                 | O-RING           | 6     | EA       | 1,857.52                                       | 11,145.12        |
| 164   | 700429200001                 | O-RING           | 6     | EA       | 585.29   | 3,511.74         |
| 165   | 000137006205                 | WASHER SPRING B6 | 352   | EA       | 10.70  | 3,766.40         |
| 166   | 700429017002                 | O-RING           | 56    | EA       | 23.54  | 1,318.24         |
| 167   | 700429026001                 | O-RING           | 10    | EA       | 47.08  | 470.80           |
| 168   | 700217030000                 | SHAFT SEAL       | 6     | EA       | 530.72   | 3,184.32         |
| 169   | 5840980173                   | TAB WASHER       | 6     | EA       | 784.31   | 4,705.86         |
| 170   | 5840983480<br>(5840980580)   | GASKET           | 6     | EA       | 219.35   | 1,316.10         |
| 171   | 5840984280<br>(5840981980)   | GASKET           | 6     | EA       | 159.43   | 956.58           |
| 172   | 700292006400                 | TAB WASHER       | 18    | EA       | 39.59  | 712.62           |
| 173   | 5840983680<br>(5840981180)   | GASKET           | 12    | EA       | 498.62   | 5,983.44         |
| 174   | 700429130000                 | O-RING           | 12    | EA       | 535.00   | 6,420.00         |
| 175   | 5840983580<br>(5840980880)   | GASKET           | 12    | EA       | 3,892.66                                       | 46,711.92        |
| 176   | 700429140000                 | O-RING           | 6     | EA       | 731.88   | 4,391.28         |
| 177   | 007603010110                 | WASHER A COP     | 56    | EA       | 43.87  | 2,456.72         |
| 178   | 5840984680<br>(5840982780)   | GASKET           | 6     | EA       | 404.46   | 2,426.76         |
| 179   | 700429112000                 | O-RING           | 30    | EA       | 381.99   | 11,459.70        |
| 180   | 700429158000                 | O-RING           | 12    | EA       | 814.27   | 9,771.24         |
| 181   | 700429168002                 | O-RING           | 4     | EA       | 606.69   | 2,426.76         |

| ลำดับ | PART NO.                   | รายการ          | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|----------------------------|-----------------|-------|----------|--|------------------|
| 182   | 700429190000               | O-RING          | 10    | EA       | 1,301.12                                       | 13,011.20        |
| 183   | 5840984080<br>(5840981680) | GASKET          | 8     | EA       | 7,651.57                                       | 61,212.56        |
| 184   | 5840984380<br>(5840982080) | GASKET          | 4     | EA       | 7,592.72                                       | 30,370.88        |
| 185   | 135M37018/1                | SLEEVE          | 16    | EA       | 2,360.42                                       | 37,766.72        |
| 186   | 5800981180<br>(5800980080) | GASKET          | 24    | EA       | 510.39   | 12,249.36        |
| 187   | 161M37002/1                | RUBBER SLEEVE   | 24    | EA       | 1,704.51                                       | 40,908.24        |
| 188   | 5809970090                 | METAL GAITER    | 16    | EA       | 2,670.72                                       | 42,731.52        |
| 189   | 161M37003/1                | METAL GAITER    | 16    | EA       | 1,520.47                                       | 24,327.52        |
| 190   | 900288220001               | CLAMP           | 8     | EA       | 2,680.35                                       | 21,442.80        |
| 191   | 900288146000               | CLAMP           | 24    | EA       | 700.85   | 16,820.40        |
| 192   | 700429160000               | O-RING          | 2     | EA       | 360.59   | 721.18           |
| 193   | 0000943609                 | INLET ELBOW     | 2     | EA       | 72,392.99                                      | 144,785.98       |
| 194   | 900288206002               | CLAMP           | 2     | EA       | 1,126.71                                       | 2,253.42         |
| 195   | 900288156004               | CLAMP           | 2     | EA       | 783.24   | 1,566.48         |
| 196   | 0150941202                 | AIR FILTER      | 2     | EA       | 51,060.40                                      | 102,120.80       |
| 197   | 700327006000               | GROMMET         | 84    | EA       | 60.99  | 5,123.16         |
| 198   | 5800150760                 | SEALING RING    | 16    | EA       | 529.65   | 8,474.40         |
| 199   | 700327012000               | GROMMET         | 30    | EA       | 68.48  | 2,054.40         |
| 200   | 5849940530                 | TAB WASHER      | 8     | EA       | 2,500.59                                       | 20,004.72        |
| 201   | 5629940148<br>(5841420373) | TAB WASHER      | 88    | EA       | 2,097.20                                       | 184,553.60       |
| 202   | 5849940830                 | TAB WASHER      | 24    | EA       | 2,084.36                                       | 50,024.64        |
| 203   | 5849940930                 | TAB WASHER      | 8     | EA       | 1,812.58                                       | 14,500.64        |
| 204   | 200933008005               | HEX SCREW       | 40    | EA       | 1,659.57                                       | 66,382.80        |
| 205   | 200934008002               | HEX NUT         | 40    | EA       | 1,059.30                                       | 42,372.00        |
| 206   | 5841422884<br>(5841422384) | SHIM            | 40    | EA       | 4,389.14                                       | 175,565.60       |
| 207   | 5841422984<br>(5841422484) | SHIM            | 20    | EA       | 3,606.97                                       | 72,139.40        |
| 208   | 200933012006               | HEX SCREW       | 48    | EA       | 2,621.50                                       | 125,832.00       |
| 209   | 000137027200               | SPRING WASHER   | 4     | EA       | 65.27  | 261.08           |
| 210   | 5841421657<br>(5841420557) | SEALING RING    | 48    | EA       | 1,273.30                                       | 61,118.40        |
| 211   | 5841421157                 | SEALING RING    | 6     | EA       | 14,874.07                                      | 89,244.42        |
| 212   | 5841421257                 | SEALING RING    | 6     | EA       | 14,578.75                                      | 87,472.50        |
| 213   | 5159940015                 | TAB WASHER      | 24    | EA       | 75.97  | 1,823.28         |
| 214   | 700292006401               | TAB WASHER      | 36    | EA       | 68.48  | 2,465.28         |
| 215   | 000912008115               | BOLT HEX SOC HD | 96    | EA       | 25.68  | 2,465.28         |
| 216   | 0001425757<br>(5841420957) | SEALING RING    | 24    | EA       | 1,063.58                                       | 25,525.92        |
| 217   | 5841400282                 | BELLOWS         | 24    | EA       | 34,266.75                                      | 822,402.00       |
| 218   | 5841420154                 | CABLE CONDUIT   | 24    | EA       | 6,646.84                                       | 159,524.16       |

| ลำดับ | PART NO.                   | รายการ                      | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|----------------------------|-----------------------------|-------|----------|--|------------------|
| 219   | 5841420445                 | CLAMP                       | 24    | EA       | 11,683.33                                      | 280,399.92       |
| 220   | 700429033000               | O-RING                      | 8     | EA       | 60.99  | 487.92           |
| 221   | 5591420451                 | RING SEALING                | 6     | EA       | 255.73   | 1,534.38         |
| 222   | 5900660076                 | RING                        | 6     | EA       | 1,042.18                                       | 6,253.08         |
| 223   | 111D03014/1                | SEALING RING                | 66    | EA       | 239.68   | 15,818.88        |
| 224   | 5841422080<br>(5841420980) | GASKET                      | 8     | EA       | 8,392.01                                       | 67,136.08        |
| 225   | 5841420753                 | SLEEVE                      | 6     | EA       | 852.79   | 5,116.74         |
| 226   | 000835010109               | STUD                        | 48    | EA       | 104.86   | 5,033.28         |
| 227   | 0009963245                 | ARTICULATED BEARING         | 36    | EA       | 10,258.09                                      | 369,291.24       |
| 228   | 000137004203               | SPRING WASHER               | 12    | EA       | 9.63   | 115.56           |
| 229   | X00015626<br>(0039973636)  | 3/2-WAY SOLENOID VLV        | 10    | EA       | 84,476.50                                      | 844,765.00       |
| 230   | 700429027001               | O-RING                      | 96    | EA       | 75.97  | 7,293.12         |
| 231   | 5800980465                 | SEALING RING                | 48    | EA       | 346.68   | 16,640.64        |
| 232   | 5800980565                 | SEALING RING                | 66    | EA       | 83.46  | 5,508.36         |
| 233   | 700327010000               | GROMMET                     | 160   | EA       | 67.41  | 10,785.60        |
| 234   | 0009889510                 | RUBBER ELEMENT              | 32    | EA       | 3,675.45                                       | 117,614.40       |
| 235   | 5841421480<br>(5841420880) | GASKET                      | 4     | EA       | 3,480.71                                       | 13,922.84        |
| 236   | 0009966445<br>(0009962945) | SWIVEL HEAD                 | 4     | EA       | 8,085.99                                       | 32,343.96        |
| 237   | 5840984180<br>(5840981780) | GASKET                      | 8     | EA       | 1,245.48                                       | 9,963.84         |
| 238   | 0000981465                 | GASKET                      | 40    | EA       | 817.48   | 32,699.20        |
| 239   | 0000981565                 | GASKET                      | 30    | EA       | 913.78   | 27,413.40        |
| 240   | 007603033100               | WASHER A33X39 COP ME TALLIC | 40    | EA       | 116.63   | 4,665.20         |
| 241   | 50343                      | INSULATING MATERIAL         | 60    | EA       | 1,080.70                                       | 64,842.00        |
| 242   | 50092                      | FELT                        | 6     | EA       | 3,805.99                                       | 22,835.94        |
| 243   | 700217020001               | SHAFT SEAL                  | 12    | EA       | 372.36   | 4,468.32         |
| 244   | 200630012000               | SELF-ALIGN BALL BRG         | 4     | EA       | 2,107.90                                       | 8,431.60         |
| 245   | 5840980257                 | VALVE                       | 30    | EA       | 38,821.74                                      | 1,164,652.20     |
| 246   | 5840900845<br>(5840900345) | STRAINER                    | 6     | EA       | 58,517.23                                      | 351,103.38       |
| 247   | 535E02004/1                | FELT WASHER                 | 8     | EA       | 42.80  | 342.40           |
| 248   | 5840984580<br>(5840982680) | GASKET                      | 4     | EA       | 1,163.09                                       | 4,652.36         |
| 249   | 5840980265                 | SEALING RING                | 4     | EA       | 3,051.64                                       | 12,206.56        |
| 250   | 700217016000               | SHAFT SEAL                  | 8     | EA       | 327.42   | 2,619.36         |
| 251   | 007603027100               | WASHER A COP                | 20    | EA       | 53.50  | 1,070.00         |
| 252   | 700217017000               | SHAFT SEAL                  | 8     | EA       | 324.21   | 2,593.68         |
| 253   | 8490981000<br>(8490980550) | GASKET                      | 4     | EA       | 8,113.81                                       | 32,455.24        |
| 254   | 8490981010<br>(8490980560) | GASKET                      | 4     | EA       | 7,831.33                                       | 31,325.32        |



| ลำดับ | PART NO.                       | รายการ        | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|--------------------------------|---------------|-------|----------|--|------------------|
| 255   | 5840983180<br>(5840982380)     | GASKET        | 2     | EA       | 2,222.39                                       | 4,444.78         |
| 256   | 5840983280<br>(5840982480)     | GASKET        | 2     | EA       | 2,551.95                                       | 5,103.90         |
| 257   | 8490980780<br>(8490980440)     | GASKET        | 4     | EA       | 6,191.02                                       | 24,764.08        |
| 258   | 8490980790<br>(8490980450)     | GASKET        | 4     | EA       | 6,191.02                                       | 24,764.08        |
| 259   | 8490980800<br>(8490980460)     | GASKET        | 16    | EA       | 2,022.30                                       | 32,356.80        |
| 260   | 000137010103                   | SPRING WASHER | 838   | EA       | 13.91  | 11,656.58        |
| 261   | 8690940014                     | CARTRIDGE     | 2     | EA       | 7,652.64                                       | 15,305.28        |
| 262   | 8699970121                     | GASKET        | 2     | EA       | 315.65   | 631.30           |
| 263   | 700294095002                   | O-RING        | 24    | EA       | 194.74   | 4,673.76         |
| 264   | 5800720041                     | SHIM          | 12    | EA       | 2,649.32                                       | 31,791.84        |
| 265   | 5800720141                     | SHIM          | 12    | EA       | 3,937.60                                       | 47,251.20        |
| 266   | 001476005001                   | GROOVED PIN   | 48    | EA       | 20.33  | 975.84           |
| 267   | 5840770522<br>(5840770122)     | TAPPET        | 8     | EA       | 45,178.61                                      | 361,428.88       |
| 268   | 007993026200                   | SNAP RING     | 8     | EA       | 13.91  | 111.28           |
| 269   | 5840170160                     | SEALING RING  | 24    | EA       | 1,470.18                                       | 35,284.32        |
| 270   | 700429041000                   | O-RING        | 48    | EA       | 128.40   | 6,163.20         |
| 271   | 5840782802                     | SUPPLY PIPE   | 24    | EA       | 28,694.19                                      | 688,660.56       |
| 272   | 700429019000                   | O-RING        | 24    | EA       | 24.61  | 590.64           |
| 273   | 700429030000                   | O-RING        | 52    | EA       | 49.22  | 2,559.44         |
| 274   | 5840701733                     | PRESSURE LINE | 24    | EA       | 61,473.64                                      | 1,475,367.36     |
| 275   | 5840780024                     | THRUST MEMBER | 24    | EA       | 5,051.47                                       | 121,235.28       |
| 276   | 700429020003                   | O-RING        | 26    | EA       | 56.71  | 1,474.46         |
| 277   | 700429028002                   | O-RING        | 300   | EA       | 51.36  | 15,408.00        |
| 278   | 5841810780<br>(5841810280)     | GASKET        | 2     | EA       | 345.61   | 691.22           |
| 279   | 5840910480<br>(5840910180)     | GASKET        | 4     | EA       | 293.18   | 1,172.72         |
| 280   | 5840780380<br>(5840780180)     | GASKET        | 4     | EA       | 538.21   | 2,152.84         |
| 281   | 700429028003                   | O-RING        | 2     | EA       | 157.29   | 314.58           |
| 282   | 700429021000                   | O-RING        | 4     | EA       | 41.73  | 166.92           |
| 283   | 5849970440                     | RING SEALING  | 4     | EA       | 490.06   | 1,960.24         |
| 284   | 0002375712                     | BUFFER        | 8     | EA       | 588.50   | 4,708.00         |
| 285   | 735038008116<br>(735038008200) | HOSE          | 2     | EA       | 2,536.97                                       | 5,073.94         |
| 286   | 5901530180<br>(5901530080)     | GASKET        | 2     | EA       | 296.39   | 592.78           |
| 287   | 5840910380                     | GASKET        | 2     | EA       | 532.86   | 1,065.72         |
| 288   | 0000911128                     | DIAPHRAGM     | 4     | EA       | 3,364.08                                       | 13,456.32        |

| ลำดับ | PART NO.                    | รายการ               | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|-----------------------------|----------------------|-------|----------|--|------------------|
| 289   | 8590920100<br>(000N15114/1) | GASKET               | 4     | EA       | 517.88   | 2,071.52         |
| 290   | 0000921705                  | FUEL FILTER ELEMENT  | 8     | EA       | 808.92   | 6,471.36         |
| 291   | 700294014005                | O-RING               | 4     | EA       | 14.98  | 59.92            |
| 292   | 700294125000                | O-RING               | 4     | EA       | 104.86   | 419.44           |
| 293   | 000N22147/1                 | SEALING RING         | 2     | EA       | 621.67   | 1,243.34         |
| 294   | 8499970900                  | O-RING               | 2     | EA       | 16,712.33                                      | 33,424.66        |
| 295   | 8499970910                  | O-RING               | 4     | EA       | 545.70   | 2,182.80         |
| 296   | 8499970920                  | SHAFT SEAL           | 4     | EA       | 2,651.46                                       | 10,605.84        |
| 297   | 8499970870                  | SEALING RING         | 8     | EA       | 56.71  | 453.68           |
| 298   | 007603026106                | SEALING RING         | 8     | EA       | 13.91  | 111.28           |
| 299   | 000N15110/1                 | GASKET               | 2     | EA       | 974.77   | 1,949.54         |
| 300   | 000N15115/1                 | GASKET               | 2     | EA       | 1,749.45                                       | 3,498.90         |
| 301   | 8590920060                  | GASKET               | 2     | EA       | 818.55   | 1,637.10         |
| 302   | 700429038001                | O-RING               | 6     | EA       | 64.20  | 385.20           |
| 303   | 8499970970                  | GASKET               | 2     | EA       | 4,317.45                                       | 8,634.90         |
| 304   | 007603014106                | WASHER A COP         | 6     | EA       | 43.87  | 263.22           |
| 305   | 007603021100                | WASHER A COP         | 10    | EA       | 34.24  | 342.40           |
| 306   | 5802010380<br>(5802010180)  | GASKET               | 6     | EA       | 364.87   | 2,189.22         |
| 307   | 700429150001                | O-RING               | 4     | EA       | 450.47   | 1,801.88         |
| 308   | 0019813727                  | ANGL CONT BALL BRG   | 4     | EA       | 31,798.26                                      | 127,193.04       |
| 309   | 205412223002                | CYL. ROLLER BEARING  | 4     | EA       | 14,471.75                                      | 57,887.00        |
| 310   | 8492000005                  | ROTARY SEAL          | 4     | EA       | 22,892.65                                      | 91,570.60        |
| 311   | 5842040151                  | SPACER RING          | 4     | EA       | 3,886.24                                       | 15,544.96        |
| 312   | 700429185000                | O-RING               | 2     | EA       | 1,201.61                                       | 2,403.22         |
| 313   | 700429100000                | O-RING               | 20    | EA       | 256.80   | 5,136.00         |
| 314   | 5849900851                  | NUT                  | 2     | EA       | 4,108.80                                       | 8,217.60         |
| 315   | 0199977747<br>(0089979247)  | RADIAL-LIP SHFT SEAL | 4     | EA       | 1,889.62                                       | 7,558.48         |
| 316   | 5802040806                  | IMPELLER             | 2     | EA       | 202,309.18                                     | 404,618.36       |
| 317   | 5762010158                  | SEAL CARRIER         | 2     | EA       | 29,983.54                                      | 59,967.08        |
| 318   | 5842040206                  | IMPELLER             | 2     | EA       | 302,518.96                                     | 605,037.92       |
| 319   | 5802010280<br>(5802010080)  | GASKET               | 2     | EA       | 472.94   | 945.88           |
| 320   | 5601871780<br>(135L91013/1) | GASKET               | 2     | EA       | 249.31   | 498.62           |
| 321   | 5802034980<br>(5802030980)  | GASKET               | 30    | EA       | 587.43   | 17,622.90        |
| 322   | 007993110100                | SNAP RING            | 16    | EA       | 113.42   | 1,814.72         |
| 323   | 5802034780<br>(5802030680)  | GASKET               | 24    | EA       | 301.74   | 7,241.76         |
| 324   | 5842032380<br>(5842030880)  | GASKET               | 8     | EA       | 394.83   | 3,158.64         |
| 325   | 000931010278                | HEX SCREW            | 18    | EA       | 206.51   | 3,717.18         |

| ลำดับ | PART NO.                   | รายการ             | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|----------------------------|--------------------|-------|----------|--|------------------|
| 326   | 000931010339               | HEX SCREW          | 18    | EA       | 109.14   | 1,964.52         |
| 327   | 000931010191               | HEX SCREW          | 4     | EA       | 258.94   | 1,035.76         |
| 328   | 700429015000               | O-RING             | 14    | EA       | 60.99  | 853.86           |
| 329   | 5800110780<br>(5800110180) | GASKET             | 8     | EA       | 223.63   | 1,789.04         |
| 330   | 5849970840<br>(5849970540) | SEALING RING       | 2     | EA       | 9,285.46                                       | 18,570.92        |
| 331   | 5842032780<br>(5842031480) | GASKET             | 12    | EA       | 230.05   | 2,760.60         |
| 332   | 700429050002               | O-RING             | 16    | EA       | 176.55   | 2,824.80         |
| 333   | 5842032980<br>(5842031780) | GASKET             | 4     | EA       | 365.94   | 1,463.76         |
| 334   | 5842032280<br>(5842030180) | GASKET             | 24    | EA       | 178.69   | 4,288.56         |
| 335   | 700429090003               | O-RING             | 4     | EA       | 547.84   | 2,191.36         |
| 336   | 700429083000               | O-RING             | 12    | EA       | 359.52   | 4,314.24         |
| 337   | 5842000088                 | STRAINER           | 2     | EA       | 12,225.82                                      | 24,451.64        |
| 338   | 5802035280<br>(5802031680) | GASKET             | 16    | EA       | 946.95   | 15,151.20        |
| 339   | 700294122000               | O-RING             | 2     | EA       | 1,907.81                                       | 3,815.62         |
| 340   | 5842033180<br>(5842030980) | GASKET             | 4     | EA       | 1,261.53                                       | 5,046.12         |
| 341   | 700429108000               | O-RING             | 2     | EA       | 256.80   | 513.60           |
| 342   | 5842032480<br>(5842031080) | GASKET             | 2     | EA       | 1,291.49                                       | 2,582.98         |
| 343   | 5849970040                 | SEALING RING       | 4     | EA       | 2,746.69                                       | 10,986.76        |
| 344   | 735038008101               | HOSE               | 34    | EA       | 4,881.34                                       | 165,965.56       |
| 345   | 700429060000               | O-RING             | 12    | EA       | 143.38   | 1,720.56         |
| 346   | 700368108003               | RUBBER SLEEVE      | 16    | EA       | 8,327.81                                       | 133,244.96       |
| 347   | 5842030184                 | SHIM               | 2     | EA       | 17,505.20                                      | 35,010.40        |
| 348   | 900288132002               | CLAMP              | 32    | EA       | 714.76   | 22,872.32        |
| 349   | 5842030892                 | FIRE-GUARD BLANKET | 16    | EA       | 4,694.09                                       | 75,105.44        |
| 350   | 900288126001               | CLAMP              | 32    | EA       | 727.60   | 23,283.20        |
| 351   | 700223008001               | BOLT BANJO A8 F73  | 32    | EA       | 1,419.89                                       | 45,436.48        |
| 352   | 5849900088                 | BANJO UNION        | 32    | EA       | 11,363.40                                      | 363,628.80       |
| 353   | 700429060000               | O-RING             | 16    | EA       | 143.38   | 2,294.08         |
| 354   | 700368089004               | RUBBER SLEEVE      | 12    | EA       | 4,237.20                                       | 50,846.40        |
| 355   | 900288102002               | CLAMP              | 24    | EA       | 699.78   | 16,794.72        |
| 356   | 900288106001               | CLAMP              | 24    | EA       | 730.81   | 17,539.44        |
| 357   | 5872030392                 | FIRE-GUARD BLANKET | 12    | EA       | 5,140.28                                       | 61,683.36        |
| 358   | 5842040180<br>(5842040080) | GASKET             | 4     | EA       | 1,312.89                                       | 5,251.56         |
| 359   | 700429065001               | O-RING             | 16    | EA       | 144.45   | 2,311.20         |
| 360   | 700429014002               | O-RING             | 8     | EA       | 58.85  | 470.80           |

| ลำดับ | PART NO.                       | รายการ                | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|--------------------------------|-----------------------|-------|----------|--|------------------|
| 361   | 5842032080<br>(5842030580)     | GASKET                | 2     | EA       | 1,871.43                                       | 3,742.86         |
| 362   | 700429170001                   | O-RING                | 10    | EA       | 1,404.91                                       | 14,049.10        |
| 363   | 5842033080<br>(5842031980)     | GASKET                | 2     | EA       | 760.77   | 1,521.54         |
| 364   | 0002032088                     | ACTUATOR              | 2     | EA       | 18,126.87                                      | 36,253.74        |
| 365   | 535D01023/1                    | GASKET                | 4     | EA       | 267.50   | 1,070.00         |
| 366   | 5612031880<br>(635D01079/1)    | GASKET                | 4     | EA       | 364.87   | 1,459.48         |
| 367   | 5612032780<br>(535D01028/1)    | GASKET                | 2     | EA       | 286.76   | 573.52           |
| 368   | 8692000048<br>(8692000190)     | GASKET                | 8     | EA       | 5,703.10                                       | 45,624.80        |
| 369   | 8699971070                     | O-RING                | 8     | EA       | 1,535.45                                       | 12,283.60        |
| 370   | 8692000047<br>(8692000210)     | GASKET                | 8     | EA       | 1,565.41                                       | 12,523.28        |
| 371   | 202690040000<br>(8692030120)   | GASKET                | 6     | EA       | 232.19   | 1,393.14         |
| 372   | 8692030074<br>(8692030150)     | GASKET                | 6     | EA       | 639.86   | 3,839.16         |
| 373   | 207603030300<br>(007603030302) | WASHER C CUFA         | 2     | EA       | 43.87  | 87.74            |
| 374   | 700429218000                   | O-RING                | 28    | EA       | 1,149.18                                       | 32,177.04        |
| 375   | 5801811880<br>(5801810680)     | GASKET                | 4     | EA       | 1,306.47                                       | 5,225.88         |
| 376   | 5801860180<br>(5801860080)     | GASKET                | 16    | EA       | 450.47   | 7,207.52         |
| 377   | 5840150480<br>(5840150380)     | GASKET                | 2     | EA       | 331.70   | 663.40           |
| 378   | 5801840880<br>(5801840680)     | GASKET                | 2     | EA       | 222.56   | 445.12           |
| 379   | 5801812080<br>(5801810980)     | GASKET                | 2     | EA       | 891.31   | 1,782.62         |
| 380   | 700429200002                   | O-RING                | 8     | EA       | 444.05   | 3,552.40         |
| 381   | 0000981865                     | GASKET                | 4     | EA       | 1,385.65                                       | 5,542.60         |
| 382   | 5841870680<br>(5841870480)     | GASKET                | 4     | EA       | 318.86   | 1,275.44         |
| 383   | 5849331301                     | PRESSURE SPRING OUTER | 4     | EA       | 1,209.10                                       | 4,836.40         |
| 384   | 5849331401                     | PRESSURE SPRING INNER | 4     | EA       | 1,093.54                                       | 4,374.16         |
| 385   | 000N27355/1                    | SEALING RAIL          | 4     | EA       | 744.72   | 2,978.88         |
| 386   | 700429085001<br>(8599970110)   | O-RING                | 4     | EA       | 264.29   | 1,057.16         |
| 387   | 8499970790                     | O-RING                | 4     | EA       | 233.26   | 933.04           |
| 388   | 8599970160                     | SHAFT SEAL            | 2     | EA       | 4,016.78                                       | 8,033.56         |
| 389   | 8499970780                     | O-RING                | 2     | EA       | 334.91   | 669.82           |

| ลำดับ | PART NO.                       | รายการ                  | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|--------------------------------|-------------------------|-------|----------|--|------------------|
| 390   | 8499971310<br>(000N27364/1)    | GASKET                  | 4     | EA       | 716.90   | 2,867.60         |
| 391   | X00015615<br>(0039973536)      | 3/2-WAY SOLENOID VLV    | 2     | EA       | 82,805.16                                      | 165,610.32       |
| 392   | 735038008106<br>(735038008204) | HOSE                    | 2     | EA       | 1,948.47                                       | 3,896.94         |
| 393   | 705057013000                   | RING SEALING A13 X18 CU | 6     | EA       | 41.73  | 250.38           |
| 394   | XP58299100014<br>(0039972736)  | THREE-WAY COCK          | 2     | EA       | 23,002.86                                      | 46,005.72        |
| 395   | 5841811080<br>(5841810680)     | GASKET                  | 2     | EA       | 1,755.87                                       | 3,511.74         |
| 396   | 5841810880<br>(5841810580)     | GASKET                  | 2     | EA       | 2,907.19                                       | 5,814.38         |
| 397   | 5841810980<br>(5841810180)     | GASKET                  | 2     | EA       | 1,398.49                                       | 2,796.98         |
| 398   | 205412202004                   | CYL. ROLLER BEARING     | 2     | EA       | 7,574.53                                       | 15,149.06        |
| 399   | 200625906213                   | GROOVED BALL BEARING    | 2     | EA       | 1,998.76                                       | 3,997.52         |
| 400   | 000471035000                   | RING SNAP HV ZNPH R5 F  | 4     | EA       | 71.69  | 286.76           |
| 401   | 5841880580<br>(5841880380)     | GASKET                  | 4     | EA       | 882.75   | 3,531.00         |
| 402   | 700429078000                   | O-RING                  | 4     | EA       | 260.01   | 1,040.04         |
| 403   | 007603052101                   | COPPER SEALING RING     | 6     | EA       | 87.74  | 526.44           |
| 404   | 8391840080<br>(8391840179)     | GASKET                  | 2     | EA       | 283.55   | 567.10           |
| 405   | 700327018000                   | GROMMET                 | 2     | EA       | 72.76  | 145.52           |
| 406   | 5841803720                     | OIL LINE                | 12    | EA       | 13,029.39                                      | 156,352.68       |
| 407   | 5841803820                     | OIL LINE                | 4     | EA       | 16,834.31                                      | 67,337.24        |
| 408   | 112C62053/2                    | SEALING RING            | 4     | EA       | 940.53   | 3,762.12         |
| 409   | 5800180680<br>(5800180380)     | GASKET                  | 6     | EA       | 400.18   | 2,401.08         |
| 410   | 5841870780<br>(5841870080)     | GASKET                  | 6     | EA       | 143.38   | 860.28           |
| 411   | 000137008103                   | SPRING WASHER           | 12    | EA       | 9.63   | 115.56           |
| 412   | 735038010103                   | HOSE                    | 16    | EA       | 3,024.89                                       | 48,398.24        |
| 413   | 5801871280<br>(5801870580)     | GASKET                  | 2     | EA       | 248.24   | 496.48           |
| 414   | 007603008109                   | WASHER A COP            | 4     | EA       | 60.99  | 243.96           |
| 415   | 700429022000                   | O-RING                  | 20    | EA       | 60.99  | 1,219.80         |
| 416   | 700429015004                   | O-RING                  | 44    | EA       | 79.18  | 3,483.92         |
| 417   | 007603026109                   | COPPER SEALING RING     | 2     | EA       | 60.99  | 121.98           |
| 418   | 735038020109<br>(735038020200) | HOSE                    | 2     | EA       | 3,526.72                                       | 7,053.44         |
| 419   | 000137006102                   | SPRING WASHER           | 12    | EA       | 13.91  | 166.92           |
| 420   | 5842032180<br>(5842030080)     | GASKET                  | 4     | EA       | 824.97   | 3,299.88         |

| ลำดับ | PART NO.                       | รายการ              | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|--------------------------------|---------------------|-------|----------|--|------------------|
| 421   | 5841801632<br>(5841800932)     | NON-RETURN VALVE    | 4     | EA       | 15,969.75                                      | 63,879.00        |
| 422   | 0049971736                     | 3/2-WAY VALVE       | 2     | EA       | 80,689.77                                      | 161,379.54       |
| 423   | 000137005202                   | SPRING WASHER       | 10    | EA       | 9.63   | 96.30            |
| 424   | 0001846026                     | FILTER ELEMENT      | 8     | EA       | 4,617.05                                       | 36,936.40        |
| 425   | 700429063000                   | O-RING              | 8     | EA       | 230.05   | 1,840.40         |
| 426   | 5809970148                     | SEALING RING        | 26    | EA       | 335.98   | 8,735.48         |
| 427   | 700429070000                   | O-RING              | 28    | EA       | 230.05   | 6,441.40         |
| 428   | 5841880480<br>(5841880180)     | GASKET              | 4     | EA       | 3,795.29                                       | 15,181.16        |
| 429   | 0001850088                     | ACTUATOR            | 4     | EA       | 10,570.53                                      | 42,282.12        |
| 430   | 8200180379<br>(28200180279/0)  | GASKET              | 4     | EA       | 147.66   | 590.64           |
| 431   | 007603042101                   | COPPER SEALING RING | 8     | EA       | 93.09  | 744.72           |
| 432   | 700294025002                   | O-RING              | 2     | EA       | 35.31  | 70.62            |
| 433   | 007603039100                   | SEALING RING        | 8     | EA       | 75.97  | 607.76           |
| 434   | 8491840100                     | SEALING RING        | 12    | EA       | 2,933.94                                       | 35,207.28        |
| 435   | 8491840100                     | SEALING RING        | 4     | EA       | 2,933.94                                       | 11,735.76        |
| 436   | 0001840061                     | SEALING RING        | 8     | EA       | 274.99   | 2,199.92         |
| 437   | 0011841425                     | FILTER ELEMENT      | 16    | EA       | 2,088.64                                       | 33,418.24        |
| 438   | X59499100113<br>(700429194000) | O-RING              | 8     | EA       | 967.28   | 7,738.24         |
| 439   | 700429120000<br>(700294120001) | O-RING              | 4     | EA       | 477.22   | 1,908.88         |
| 440   | 000N15140/1                    | DISC-PACK ELEMENT   | 2     | EA       | 10,697.86                                      | 21,395.72        |
| 441   | 007603080101                   | SEALING RING        | 2     | EA       | 58.85  | 117.70           |
| 442   | 007603012112                   | SEALING RING        | 2     | EA       | 9.63   | 19.26            |
| 443   | 007603017102                   | WASHER A COP        | 14    | EA       | 60.99  | 853.86           |
| 444   | 700429042002                   | O-RING              | 12    | EA       | 81.32  | 975.84           |
| 445   | 700429058001                   | O-RING              | 12    | EA       | 245.03   | 2,940.36         |
| 446   | 8491840140                     | RATCHET             | 4     | EA       | 29,725.67                                      | 118,902.68       |
| 447   | 007603028103                   | SEALING RING        | 2     | EA       | 69.55  | 139.10           |
| 448   | 700429027003                   | O-RING              | 4     | EA       | 62.06  | 248.24           |
| 449   | 700290010500                   | TAB WASHER          | 24    | EA       | 74.90  | 1,797.60         |
| 450   | 735038005107<br>(735038005200) | HOSE                | 2     | EA       | 2,206.34                                       | 4,412.68         |
| 451   | 735038032109<br>(735038032208) | HOSE                | 2     | EA       | 17,246.26                                      | 34,492.52        |
| 452   | 0129970648                     | GASKET              | 4     | EA       | 3,002.42                                       | 12,009.68        |
| 453   | 700429080000                   | O-RING              | 4     | EA       | 170.13   | 680.52           |
| 454   | 5801750180<br>(5801750080)     | GASKET              | 4     | EA       | 481.50   | 1,926.00         |
| 455   | 8491700310<br>(8691700050)     | GASKET              | 2     | EA       | 3,399.39                                       | 6,798.78         |
| 456   | 8499940060                     | TAB WASHER          | 2     | EA       | 3,739.65                                       | 7,479.30         |

| ลำดับ | PART NO.  | รายการ                       | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|-------|---|------------------------------|-------|----------|--|------------------|
| 457   | GASKET KIT ประกอบด้วยรายการย่อย ดังต่อไปนี้ (2 SET) |                              |       |          |  |                  |
|       | 457.1 MUTI-PARTS                                    |                              |       |          |  |                  |
|       | 457.1.1 700429009004                                | O-RING                       | 2     | EA       | 72.76  | 145.52           |
|       | 457.1.2 700429014003                                | O-RING                       | 2     | EA       | 100.58   | 201.16           |
|       | 457.1.3 700429012003                                | O-RING                       | 1     | EA       | 617.39   | 617.39           |
|       | 457.1.4 700429006001                                | O-RING                       | 1     | EA       | 19.26  | 19.26            |
|       | 457.1.5 700429069000                                | O-RING                       | 2     | EA       | 220.42   | 440.84           |
|       | 457.1.6 000N55047/1                                 | PRESSURE SPRING              | 1     | EA       | 1,088.19                                       | 1,088.19         |
|       | 457.1.7 000N55051/1                                 | GASKET                       | 1     | EA       | 3,077.32                                       | 3,077.32         |
|       | 457.1.8 8499970980                                  | GASKET                       | 1     | EA       | 221.49   | 221.49           |
|       | 457.1.9 8695860319                                  | REPAIR KIT                   | 1     | EA       | 16,627.80                                      | 16,627.80        |
|       | 457.2 700429037003                                  | O-RING                       | 1     | EA       | 57.78  | 57.78            |
| 458   | 8495860210  | SPARE PARTS KIT              | 2     | EA       | 482.57   | 965.14           |
| 459   | 5849970240  | SEAL RING                    | 20    | EA       | 1,312.89                                       | 26,257.80        |
| 460   | 0002370012/87<br>(0002370012)                       | CONICAL BEARING              | 4     | EA       | 8,745.11                                       | 34,980.44        |
| 461   | 735038012103<br>(735038012201)                      | HOSE                         | 2     | EA       | 2,087.57                                       | 4,175.14         |
| 462   | 007603036101  | WASHER A COP                 | 16    | EA       | 96.30  | 1,540.80         |
| 463   | 007603022105  | WASHER A COP                 | 8     | EA       | 60.99  | 487.92           |
| 464   | 007603020101  | WASHER A COP                 | 22    | EA       | 60.99  | 1,341.78         |
| 465   | 700429016000  | O-RING                       | 6     | EA       | 24.61  | 147.66           |
| 466   | 000137014203  | SPRING WASHER                | 26    | EA       | 13.91  | 361.66           |
| 467   | 0005352730  | TEMPERATURE SENSOR           | 2     | EA       | 37,289.50                                      | 74,579.00        |
| 468   | 0005352830  | TEMPERATURE SENSOR           | 2     | EA       | 36,841.17                                      | 73,682.34        |
| 469   | 0139973382  | HOSE                         | 2     | EA       | 30,538.87                                      | 61,077.74        |
| 470   | 0139972382  | HOSE                         | 2     | EA       | 16,671.67                                      | 33,343.34        |
| 471   | 700327022000  | GROMMET                      | 14    | EA       | 88.81  | 1,243.34         |
| 472   | 700327028000  | GROMMET                      | 14    | EA       | 135.89   | 1,902.46         |
| 473   | 700327042000  | GROMMET                      | 2     | EA       | 640.93   | 1,281.86         |
| 474   | 0005359560<br>(0005353360)                          | THERMOCOUPLE                 | 30    | EA       | 32,605.04                                      | 978,151.20       |
| 475   | 0005350801  | TEMPERATURE MONITOR ADJUSTED | 2     | EA       | 31,344.58                                      | 62,689.16        |
| 476   | 5205303431  | TRAVEL SENSOR                | 2     | EA       | 582,795.83                                     | 1,165,591.66     |
| 477   | 0005352733  | SPEED SENSOR                 | 10    | EA       | 135,437.39                                     | 1,354,373.90     |
| 478   | 5005330576  | WASHER                       | 10    | EA       | 1,506.56                                       | 15,065.60        |
| 479   | 5005330676  | WASHER                       | 10    | EA       | 4,144.11                                       | 41,441.10        |
| 480   | X00E50210017<br>(0035340610)                        | POSITION MONITOR             | 2     | EA       | 45,952.22                                      | 91,904.44        |

| ลำดับ  | PART NO.                       | รายการ             | จำนวน | หน่วยนับ | ราคาต่อหน่วยรวม<br>ภาษีมูลค่าเพิ่ม 7%<br>(บาท) | ราคารวม<br>(บาท) |
|--|--------------------------------|--------------------|-------|----------|--|------------------|
| 481  | X55599100047<br>(0000981488)   | DC SOLENOID        | 2     | EA       | 31,589.61                                      | 63,179.22        |
| 482  | 0129971048                     | PLUNGER GUIDE RING | 6     | EA       | 1,130.99                                       | 6,785.94         |
| 483  | 0139971747                     | GASKET             | 6     | EA       | 2,212.76                                       | 13,276.56        |
| 484  | 700294034001                   | O-RING             | 6     | EA       | 73.83  | 442.98           |
| 485  | 5840980665                     | SEALING RING       | 6     | EA       | 469.73   | 2,818.38         |
| 486  | 0001425557<br>(0139971647)     | GROOVED RING       | 6     | EA       | 5,182.01                                       | 31,092.06        |
| 487  | 0010949482                     | GAITER             | 12    | EA       | 1,189.84                                       | 14,278.08        |
| 488  | 900288025000<br>(900288025003) | CLAMP              | 12    | EA       | 105.93   | 1,271.16         |
| 489  | 900288060010                   | CLAMP              | 12    | EA       | 143.38   | 1,720.56         |
| 490  | 0129970748                     | O-RING             | 4     | EA       | 2,022.30                                       | 8,089.20         |
| 491  | 0002030081                     | SCRAPER            | 2     | EA       | 873.12   | 1,746.24         |
| 492  | 0001425657<br>(0001425157)     | GROOVED RING       | 2     | EA       | 2,210.62                                       | 4,421.24         |
| 493  | 5842032880<br>(5842031680)     | GASKET             | 2     | EA       | 753.28   | 1,506.56         |
| 494  | 0119971348                     | SEALING RING       | 6     | EA       | 1,592.16                                       | 9,552.96         |
| 495  | 5842030051                     | RING               | 4     | EA       | 1,770.85                                       | 7,083.40         |
| 496  | 8599970480                     | GAITER             | 2     | EA       | 5,857.18                                       | 11,714.36        |
| 497  | 8695860346(8695860081)         | REPAIR KIT         | 2     | EA       | 40,795.89                                      | 81,591.78        |
| 498  | 0000980718(8970174004)         | ACTUATOR CYLINDER  | 4     | EA       | 58,145.94                                      | 232,583.76       |
| 499  | 0001533940                     | RUBBER-METAL       | 36    | EA       | 1,781.55                                       | 64,135.80        |
| 500  | 735038008103                   | HOSE               | 2     | EA       | 5,699.89                                       | 11,399.78        |
| 501  | 735038040103                   | HOSE               | 4     | EA       | 11,257.47                                      | 45,029.88        |
| 502  | 735038008107                   | HOSE               | 2     | EA       | 2,025.51                                       | 4,051.02         |
| 503  | 735038016100                   | HOSE               | 2     | EA       | 3,018.47                                       | 6,036.94         |
| 504  | 735038032102                   | HOSE               | 2     | EA       | 6,908.99                                       | 13,817.98        |
| 505  | 735038050100                   | HOSE               | 2     | EA       | 16,551.83                                      | 33,103.66        |
| 506  | 735038025103                   | HOSE               | 2     | EA       | 4,269.30                                       | 8,538.60         |
| 507  | 735038006102                   | HOSE               | 4     | EA       | 1,861.80                                       | 7,447.20         |
|  |                                |                    |       |          | รวมเป็นเงินทั้งสิ้น                            | 31,935,411.53    |
| สามสิบเอ็ดล้านเก้าแสนสามหมื่นห้าพันสี่ร้อยสิบเอ็ดบาทห้าสิบบสามสตางค์ |                                |                    |       |          |  |                  |