

**SECTION -1-****Aluminium Sulphate**

| Code        | Description                      | Qty       |
|-------------|----------------------------------|-----------|
| 03-02-00001 | Aluminium Sulphate in 50 Kg bags | 20000 ton |

**SECTION -2-****Supply Chlorine Gas**

| Code        | Description                                      | Qty             |
|-------------|--|-----------------|
| 03-02-00002 | Supply New cylinder of (1) ton with chlorine gas | 2000 ton        |
| 03-02-00003 | Filling (1) ton Cylinder with chlorine gas       | 2885 ton        |
| 03-02-00004 | Supply New cylinder of (50) kg with chlorine gas | 500 ton         |
| 03-02-00005 | Filling (50) kg Cylinder with chlorine gas total | 500 ton<br>5000 |

**SECTION 3****BLEACHING POWDER****( CALCIUM HYPOCHLORITE )**

| Code        | Description                                      | Qty     |
|-------------|--|---------|
| 03-02-00006 | Supply Bleaching Powder ( calcium hypochlorite ) | 500 ton |

**SECTION 4****CHLORINATROS with spare parts****for all Governarates**

| Code        | Description                   | Qty  |
|-------------|-------------------------------|------|
| 03-02-00007 | Cylinder mounted, 500 g / hr. | 500  |
| 03-02-00008 | Wall mounted, 1000 g / hr.    | 500  |
| 03-02-00009 | Wall mounted 2000 g / hr.     | 1000 |
| 03-02-00010 | Wall mounted, 3000 g / hr.    | 500  |
| 03-02-00011 | Wall mounted, 4000g / hr.     | 500  |
| 03-02-00012 | Wall mounted 5000 g / hr.     | 300  |
| 03-02-00013 | Wall mounted 6000 g / hr.     | 300  |
| 03-02-00014 | Floor mounted 8000 g / hr.    | 200  |
| 03-02-00015 | Floor mounted 10000 g / hr.   | 300  |
| 03-02-00016 | Floor mounted 12000 g / hr.   | 100  |
| 03-02-00017 | Floor mounted 20000 g / hr.   | 100  |
|             | TOTAL                         | 4300 |

**SECTION 5****Alumina dossing pumps**

| Code        | Capacity (L/hr) | Head (m) | Qty |
|-------------|-----------------|----------|-----|
| 03-02-00018 | 6               | 30       | 300 |
| 03-02-00019 | 25              | 70       | 100 |
| 03-02-00020 | 50              | 40       | 100 |
| 03-02-00021 | 80              | 30       | 20  |
| 03-02-00022 | 100             | 25       | 50  |
| 03-02-00023 | 100             | 50       | 30  |
| 03-02-00024 | 100             | 100      | 30  |
| 03-02-00025 | 150             | 40       | 20  |
| 03-02-00026 | 200             | 40       | 140 |
| 03-02-00027 | 250             | 40       | 330 |
| 03-02-00028 | 300             | 40       | 50  |
| 03-02-00029 | 350             | 40       | 50  |
| 03-02-00030 | 400             | 50       | 50  |
| 03-02-00031 | 400             | 100      | 50  |
| 03-02-00032 | 450             | 50       | 50  |
| 03-02-00033 | 450             | 80       | 25  |
| 03-02-00034 | 500             | 50       | 50  |
| 03-02-00035 | 600             | 50       | 25  |
| 03-02-00036 | 800             | 30       | 50  |
| 03-02-00037 | 800             | 60       | 50  |
| 03-02-00038 | 1000            | 40       | 50  |
| 03-02-00039 | 1000            | 60       | 50  |
| 03-02-00040 | 1100            | 100      | 50  |
| 03-02-00041 | 1200            | 60       | 50  |
| 03-02-00042 | 860             | 30       | 10  |
| 03-02-00043 | 420             | 30       | 10  |
| 03-02-00044 | 545             | 30       | 10  |
| 03-02-00045 | 760             | 30       | 20  |
| 03-02-00046 | 300             | 100      | 20  |
| 03-02-00047 | 100             | 100      | 20  |
| 03-02-00048 | 100             | 50       | 10  |

|             |      |     |      |
|-------------|------|-----|------|
| 03-02-00049 | 50   | 80  | 10   |
| 03-02-00050 | 400  | 100 | 20   |
| 03-02-00051 | 800  | 100 | 10   |
| 03-02-00052 | 1100 | 50  | 10   |
| 03-02-00053 | 500  | 100 | 10   |
| 03-02-00054 | 150  | 40  | 30   |
| 03-02-00055 | 1200 | 60  | 20   |
| 03-02-00056 | 1100 | 100 | 10   |
| 03-02-00057 | 600  | 116 | 20   |
| 03-02-00058 | 800  | 116 | 10   |
| Total       |      |     | 2020 |

**Section - 6 -  
CHLORINE BOOSTING PUMPS**

| Code        | Capacity (m3/h) | Head (m) | Qty         |
|-------------|-----------------|----------|-------------|
| 03-02-00059 | 12              | 60       | 80          |
| 03-02-00060 | 20              | 70       | 80          |
| 03-02-00061 | 10              | 70       | 80          |
| 03-02-00062 | 20              | 80       | 100         |
| 03-02-00063 | 6               | 60       | 150         |
| 03-02-00064 | 15              | 80       | 400         |
| 03-02-00065 | 5               | 80       | 105         |
| 03-02-00066 | 2               | 80       | 500         |
| 03-02-00067 | 6               | 100      | 180         |
| 03-02-00068 | 9               | 120      | 50          |
| 03-02-00069 | 20              | 120      | 50          |
| 03-02-00070 | 15              | 100      | 60          |
| 03-02-00071 | 10              | 160      | 120         |
| 03-02-00072 | 16              | 200      | 80          |
| 03-02-00073 | 9               | 200      | 120         |
| 03-02-00074 | 4               | 80       | 300         |
| 03-02-00075 | 25              | 80       | 60          |
| 03-02-00076 | 10              | 80       | 80          |
| 03-02-00077 | 14              | 70       | 140         |
| 03-02-00078 | 20              | 60       | 120         |
| Total       |                 |          | <b>2540</b> |

**SECTION 7  
EQUIPMENT FOR WATER AND SEWAGE TREATMENT PLANTS**

| Code        | Cov.name      | Project name .                                       | capacitym3 /h | Qty |
|-------------|---------------|--|---------------|-----|
| 03-02-00079 | Nenawa        | Sinjar w t p   | 6000          | 1   |
| 03-02-00080 | Nenawa        | Hamam al alil water treatment plant                  | 8000          | 1   |
| 03-02-00081 | Nenawa        | Tal-Afar water treatment plant                       | 8000          | 1   |
| 03-02-00082 | Salah-Al-Deen | Al- thiloya water treatment plant                    | 3000          | 1   |
| 03-02-00083 | Salah-Al-Deen | Tuz-Kufri water treatment plant                      | 4000          | 1   |
| 03-02-00084 | Salah-Al-Deen | Shirkat water treatment plant                        | 2000          | 1   |
| 03-02-00085 | Salah-Al-Deen | Qadissia water treatment plant                       | 3000          | 1   |
| 03-02-00086 | Salah-Al-Deen | Qadissia sewage treatment plant                      | L.S           | 1   |
| 03-02-00087 | Salah-Al-Deen | AL- Ouga sewage pumping station and net work         | L.S           | 1   |
| 03-02-00088 | Salah-Al-Deen | Samara sewage treatment plant                        | 12000         | 1   |
| 03-02-00089 | Baghdad       | Al-Nahrawan cattle raiseres village sewerage project | L.S           | 1   |
| 03-02-00090 | Diala         | Balad rose water treatment plant                     | 2000          | 1   |
| 03-02-00091 | Diala         | Baquba 1 st stage sewerage project                   | L.S           | 1   |
| 03-02-00092 | Babil         | Al-Mahaweel w.t.p                                    | 3000          | 1   |
| 03-02-00093 | Babil         | Al-Hilla 2 nd stage sewerage project                 | L.S           | 1   |
| 03-02-00094 | Kerbala       | Kerbala 2nd stage sewerage project                   | L.S           | 1   |
| 03-02-00095 | Al-Najaf      | Al-Kufa sewerage network                             | L.S           | 1   |
| 03-02-00096 | Al-Tamim      | Al-Toon copri w.t.p                                  | 400           | 1   |
| 03-02-00097 | Al-Tamim      | Kirkuk 1 st stage sewerage project                   | L.S           | 1   |

|             |            |   |       |   |
|-------------|------------|---|-------|---|
| 03-02-00098 | Wasit      | Al-KUT Unified W.T.P                      | 8000  | 1 |
| 03-02-00099 | Wasit      | Al-Kut 1st stage<br>sewerage network      | L.S   | 1 |
| 03-02-00100 | Al-Muthana | New Samawa W.T.P                          | 8000  | 1 |
| 03-02-00101 | Al-Muthana | Al-Samawa 1st stage<br>sewerage project   | L.S   | 1 |
| 03-02-00102 | Thiqar     | AL-Dawaya W.T.P                           | 6000  | 1 |
| 03-02-00103 | Missan     | Al-Maimona W.T.P                          | 800   | 1 |
| 03-02-00104 | Missan     | Al-Majer al kabir W.T.P                   | 1000  | 1 |
| 03-02-00105 | Missan     | Al-Kahlaa W.T.P                           | 1000  | 1 |
| 03-02-00106 | Basrah     | New basra W.T.P                           | 30000 | 1 |
| 03-02-00107 | Basrah     | Al-Qurna unified w.t.p                    | 4000  | 1 |
| 03-02-00108 | Basra      | Basra Sewage treatment<br>plant phase (3) | 94000 | 1 |

total 30

**SECTION 8**  
**Lorry with crane**

| Code        | Description                                | Qty |
|-------------|--|-----|
| 03-02-00109 | Lorry ( 10 ) ton with ( 5 ) ton telescopic | 200 |

**SECTION - 9 -**  
**Horizontal Split Case Pumps**

| Code        | Gov.Name | Project Name   | Q (m3/h) | H (m) | Qty | Type | R P.M |
|-------------|----------|--|----------|-------|-----|------|-------|
| 03-02-00110 | Wasit    | Al suwaira w.t.p   | 250      | 80    | 4   | S.C  | 1500  |
| 03-02-00111 | =        | New Nummaniya w.t.p  | 165      | 40    | 8   | S.C  | 1500  |
| 03-02-00112 | =        | Old Nummaniya w.t.p  | 120      | 40    | 6   | S.C  | 1500  |
| 03-02-00113 | =        | Old Nummaniya w.t.p  | 120      | 20    | 6   | S.C  | 1500  |
| 03-02-00114 | =        | New Nummaniya w.t.p  | 160      | 20    | 6   | S.C  | 1500  |
| 03-02-00115 | =        | Al -Ahrar w.t.p  | 165      | 50    | 2   | S.C  | 1500  |
| 03-02-00116 | =        | Al -Ahrar w.t.p  | 170      | 20    | 2   | S.C  | 1500  |
| 03-02-00117 | =        | Jasan w.t.p  | 100      | 50    | 4   | S.C  | 1500  |
| 03-02-00118 | =        | Jasan w.t.p  | 120      | 20    | 3   | S.C  | 1500  |
| 03-02-00119 | =        | Sheikh saad w.t.p  | 80       | 50    | 1   | S.C  | 1500  |
| 03-02-00120 | =        | Al Dubouni w.t.p   | 55       | 50    | 3   | S.C  | 3000  |
| 03-02-00121 | =        | Al Dubouni w.t.p   | 60       | 25    | 6   | S.C  | 1500  |
| 03-02-00122 | =        | Al Mazraa w.t.p  | 90       | 50    | 6   | S.C  | 1500  |
| 03-02-00123 | =        | Al Mazraa w.t.p  | 60       | 25    | 6   | S.C  | 1500  |
| 03-02-00124 | =        | Al Dahnouk w.t.p   | 350      | 20    | 8   | S.C  | 1500  |
| 03-02-00125 | =        | Al Dahnouk w.t.p   | 230      | 50    | 4   | S.C  | 1500  |
| 03-02-00126 | =        | Kut w.t.p  | 850      | 20    | 3   | S.C  | 1500  |
| 03-02-00127 | =        | Kut w.t.p  | 650      | 40    | 3   | S.C  | 1500  |
| 03-02-00128 | =        | Al Hay w.t.p   | 550      | 50    | 3   | S.C  | 1500  |
| 03-02-00129 | =        | Al Hay w.t.p   | 450      | 20    | 2   | S.C  | 1500  |
| 03-02-00130 | =        | Al Hay w.t.p   | 450      | 40    | 6   | S.C  | 1500  |
| 03-02-00131 | =        | Al Suwaira w.t.p   | 550      | 40    | 4   | S.C  | 1500  |
| 03-02-00132 | =        | Al Muaffaqiya w.t.p  | 90       | 20    | 2   | S.C  | 1500  |
| 03-02-00133 | =        | Al Muaffaqiya w.t.p  | 80       | 40    | 2   | S.C  | 1500  |
| 03-02-00134 | =        | Al Zubaidia w.t.p  | 55       | 40    | 2   | S.C  | 3000  |
| 03-02-00135 | =        | Al Zubaidia w.t.p  | 60       | 20    | 6   | S.C  | 1500  |
| 03-02-00136 | =        | Sheikh saad w.t.p  | 180      | 20    | 2   | S.C  | 1500  |
| 03-02-00137 | =        | Sheikh saad w.t.p  | 80       | 100   | 6   | S.C  | 1500  |
| 03-02-00138 | =        | Sheikh saad w.t.p  | 80       | 50    | 2   | S.C  | 3000  |
| 03-02-00139 | =        | Um Sunayem w.t.p   | 60       | 20    | 2   | S.C  | 1500  |
| 03-02-00140 | =        | Um Sunayem w.t.p   | 55       | 40    | 2   | S.C  | 3000  |
| 03-02-00141 | =        | Al Suwaira w.t.p   | 650      | 50    | 6   | S.C  | 1500  |
| 03-02-00142 | =        | Al Suwaira w.t.p   | 650      | 20    | 3   | S.C  | 1500  |
| 03-02-00143 | =        | Al Suwaira w.t.p   | 500      | 85    | 8   | S.C  | 1500  |
| 03-02-00144 | =        | Al Suwaira w.t.p   | 150      | 80    | 2   | S.C  | 1500  |
| 03-02-00145 | =        | Al Samideen wal<br>Muntasireen C.U.  | 110      | 20    | 2   | S.C  | 1500  |
| 03-02-00146 | =        | Al Samideen wal<br>Muntasireen C.U.  | 90       | 40    | 2   | S.C  | 1500  |
| 03-02-00147 | =        | Al Bashar w.t.p  | 60       | 20    | 2   | S.C  | 1500  |
| 03-02-00148 | =        | Al Bashar w.t.p  | 55       | 50    | 2   | S.C  | 3000  |
| 03-02-00149 | =        | Wasit W.T.P  | 60       | 20    | 2   | S.C  | 1500  |
| 03-02-00150 | =        | Wasit W.T.P  | 90       | 40    | 2   | S.C  | 1500  |
| 03-02-00151 | =        | Al Aziziya w.t.p   | 600      | 10    | 3   | S.C  | 1500  |
| 03-02-00152 | =        | Al Aziziya w.t.p   | 400      | 20    | 3   | S.C  | 1500  |
| 03-02-00153 | Missan   | Amara w.t.p Unified  | 600      | 20    | 6   | S.C  | 1500  |
| 03-02-00154 | =        | Amara w.t.p Unified  | 550      | 40    | 6   | S.C  | 1500  |
| 03-02-00155 | =        | Boosting Station   | 120      | 60    | 6   | S.C  | 1500  |
| 03-02-00156 | =        | Al Rafiden w.t.p   | 350      | 40    | 3   | S.C  | 1500  |
| 03-02-00157 | =        | Al Rafiden w.t.p   | 400      | 20    | 3   | S.C  | 1500  |
| 03-02-00158 | =        | Al Kahla, almajer, aladil, al<br>musharah , ali-sharqia ,<br>kumat ,qalut salhia w.t.p | 120      | 40    | 24  | S.C  | 1500  |
| 03-02-00159 | =        | Al Kahla, almajer, aladil, al<br>musharah , ali-sharqia ,<br>kumat ,qalut salhia w.t.p | 150      | 20    | 24  | S.C  | 1500  |

|             |            |                               |      |     |    |     |      |
|-------------|------------|-------------------------------|------|-----|----|-----|------|
| 03-02-00160 | Basrah     | Al Hussen Boosting Station    | 930  | 60  | 3  | S.C | 1500 |
| 03-02-00161 | =          | Al Hussen Boosting Station    | 750  | 120 | 3  | S.C | 1500 |
| 03-02-00162 | =          | Al Mudaina W.T.P              | 200  | 50  | 8  | S.C | 1500 |
| 03-02-00163 | =          | Al Jasem                      | 100  | 60  | 4  | S.C | 1500 |
| 03-02-00164 | =          | Shatt – Al Hel                | 50   | 50  | 8  | S.C | 2900 |
| 03-02-00165 | =          | Garma No. (2)                 | 50   | 50  | 20 | S.C | 2900 |
| 03-02-00166 | =          | Shatt – Arab W.T.P            | 480  | 9   | 6  | S.C | 1500 |
| 03-02-00167 | =          | Al –Mufeqeya Boosting Station | 160  | 80  | 6  | S.C | 1500 |
| 03-02-00168 | =          | Khor AL Zubair W.T.P          | 378  | 60  | 4  | S.C | 1500 |
| 03-02-00169 | =          | Khor AL Zubair W.T.P          | 405  | 6   | 4  | S.C | 1500 |
| 03-02-00170 | =          | Khor AL Zubair W.T.P          | 540  | 11  | 6  | S.C | 1500 |
| 03-02-00171 | =          | Al Dair W.T.P                 | 250  | 50  | 5  | S.C | 1500 |
| 03-02-00172 | =          | Al Dair W.T.P                 | 200  | 20  | 5  | S.C | 1500 |
| 03-02-00173 | =          | Al Bratheaa W.T.P             | 400  | 60  | 8  | S.C | 1500 |
| 03-02-00174 | =          | Al Bratheaa W.T.P             | 400  | 25  | 8  | S.C | 1500 |
| 03-02-00175 | =          | Al –Faw W.T.P                 | 400  | 79  | 5  | S.C | 1500 |
| 03-02-00176 | =          | Al –Faw W.T.P                 | 300  | 20  | 5  | S.C | 1500 |
| 03-02-00177 | =          | Faw Net Work                  | 50   | 50  | 6  | S.C | 2900 |
| 03-02-00178 | =          | Faw Net Work                  | 200  | 50  | 4  | S.C | 1500 |
| 03-02-00179 | =          | Old Al-Mudaina w.t.p          | 200  | 20  | 10 | S.C | 1500 |
| 03-02-00180 | =          | Old Al-Mudaina w.t.p          | 200  | 80  | 8  | S.C | 1500 |
| 03-02-00181 | =          | Al Bratheaa w.t.p             | 1500 | 90  | 8  | S.C | 1500 |
| 03-02-00182 | =          | Al Suwaip w.t.p               | 200  | 60  | 8  | S.C | 1500 |
| 03-02-00183 | =          | Al Basrah Unified w.t.p       | 1000 | 80  | 8  | S.C | 1500 |
| 03-02-00184 | =          | Al Basrah Unified w.t.p       | 400  | 60  | 9  | S.C | 1500 |
| 03-02-00185 | =          | Old Al Shuwaiba w.t.p         | 400  | 60  | 12 | S.C | 1500 |
| 03-02-00186 | =          | Al Ribat w.t.p                | 200  | 50  | 16 | S.C | 1500 |
| 03-02-00187 | =          | Abo –Alkasib w.t.p            | 200  | 50  | 25 | S.C | 1500 |
| 03-02-00188 | =          | Abo –Alkasib w.t.p            | 200  | 50  | 8  | S.C | 1500 |
| 03-02-00189 | =          | Abo –Alkasib w.t.p            | 50   | 50  | 30 | S.C | 2900 |
| 03-02-00190 | Al Muthana | Hay –Al Saniya                | 300  | 80  | 6  | S.C | 1500 |
| 03-02-00191 | =          | Al Daraje w.t.p               | 60   | 50  | 12 | S.C | 3000 |
| 03-02-00192 | =          | Al Daraje w.t.p               | 60   | 20  | 12 | S.C | 1500 |
| 03-02-00193 | =          | Al Majed w.t.p                | 60   | 50  | 3  | S.C | 3000 |
| 03-02-00194 | =          | Al –HALAL Village             | 60   | 50  | 2  | S.C | 3000 |
| 03-02-00195 | =          | Al –HALAL w.t.p               | 100  | 50  | 2  | S.C | 1500 |
| 03-02-00196 | =          | Storm Station                 | 100  | 20  | 20 | S.C | 1500 |
| 03-02-00197 | =          | Storm Station                 | 150  | 20  | 20 | S.C | 1500 |
| 03-02-00198 | =          | Storm Station                 | 200  | 20  | 10 | S.C | 1500 |
| 03-02-00199 | =          | Al Warka W.T.P                | 300  | 20  | 3  | S.C | 1500 |
| 03-02-00200 | =          | Al Warka W.T.P                | 216  | 60  | 4  | S.C | 1500 |
| 03-02-00201 | =          | Al Warka W.T.P                | 216  | 90  | 6  | S.C | 1500 |
| 03-02-00202 | =          | Al Warka W.T.P                | 216  | 15  | 2  | S.C | 1500 |
| 03-02-00203 | =          | Ramathan Boosting             | 500  | 40  | 3  | S.C | 1500 |
| 03-02-00204 | =          | Al Karama Boosting            | 100  | 70  | 8  | S.C | 3000 |
| 03-02-00205 | =          | Al Majed – Al –Mamlaha B.S    | 300  | 70  | 6  | S.C | 1500 |
| 03-02-00206 | =          | Al Mamlaha B.S                | 216  | 60  | 10 | S.C | 1500 |
| 03-02-00207 | =          | Al –Entsar B.S                | 100  | 40  | 6  | S.C | 1500 |
| 03-02-00208 | =          | Al Rsala Residenital Building | 100  | 60  | 6  | S.C | 1500 |
| 03-02-00209 | =          | Al Askan Residenital Building | 25   | 20  | 1  | S.C | 1500 |
| 03-02-00210 | =          | New Project                   | 675  | 90  | 5  | S.C | 1500 |
| 03-02-00211 | =          | New Project                   | 810  | 15  | 5  | S.C | 1500 |
| 03-02-00212 | =          | Al Kader w.t.p                | 216  | 40  | 8  | S.C | 1500 |
| 03-02-00213 | =          | Al Sakak Houses               | 120  | 50  | 3  | S.C | 1500 |
| 03-02-00214 | =          | New Rumaitha W.T.P            | 700  | 80  | 5  | S.C | 1500 |
| 03-02-00215 | =          | New Rumaitha W.T.P            | 200  | 60  | 8  | S.C | 1500 |
| 03-02-00216 | =          | New Rumaitha W.T.P            | 800  | 12  | 5  | S.C | 1500 |
| 03-02-00217 | =          | New Rumaitha W.T.P            | 510  | 15  | 3  | S.C | 1500 |
| 03-02-00218 | =          | New Rumaitha W.T.P            | 300  | 15  | 3  | S.C | 1500 |
| 03-02-00219 | =          | New Rumaitha W.T.P            | 375  | 90  | 3  | S.C | 1500 |
| 03-02-00220 | =          | New Rumaitha W.T.P            | 180  | 90  | 2  | S.C | 1500 |
| 03-02-00221 | =          | New Rumaitha W.T.P            | 200  | 70  | 8  | S.C | 1500 |
| 03-02-00222 | =          | New Rumaitha W.T.P            | 20   | 20  | 2  | S.C | 1500 |
| 03-02-00223 | =          | New Rumaitha W.T.P            | 100  | 50  | 2  | S.C | 1500 |
| 03-02-00224 | =          | New Rumaitha W.T.P            | 600  | 21  | 8  | S.C | 1500 |
| 03-02-00225 | =          | New Rumaitha W.T.P            | 800  | 12  | 3  | S.C | 1500 |
| 03-02-00226 | Diala      | Al Abara W.T.P                | 160  | 11  | 3  | S.C | 1500 |
| 03-02-00227 | =          | Abo –Sadia W.T.P              | 600  | 8   | 1  | S.C | 1500 |
| 03-02-00228 | =          | Abo –Sadia W.T.P              | 315  | 15  | 3  | S.C | 1500 |
| 03-02-00229 | =          | Abo –Sadia W.T.P              | 90   | 60  | 2  | S.C | 1500 |
| 03-02-00230 | =          | Abo –Sadia W.T.P              | 200  | 60  | 8  | S.C | 1500 |
| 03-02-00231 | =          | Baladroz W.T.P                | 210  | 20  | 3  | S.C | 1500 |
| 03-02-00232 | =          | Baladroz W.T.P                | 210  | 30  | 2  | S.C | 1500 |
| 03-02-00233 | =          | Baladroz W.T.P                | 220  | 60  | 8  | S.C | 1500 |
| 03-02-00234 | =          | Baladroz W.T.P                | 110  | 60  | 4  | S.C | 1500 |
| 03-02-00235 | =          | Baladroz W.T.P                | 100  | 60  | 4  | S.C | 1500 |
| 03-02-00236 | =          | Baladroz W.T.P                | 75   | 60  | 2  | S.C | 3000 |
| 03-02-00237 | =          | Baladroz W.T.P                | 110  | 30  | 6  | S.C | 1500 |
| 03-02-00238 | =          | Old Al Muqdadiya W.T.P.       | 350  | 11  | 3  | S.C | 1500 |
| 03-02-00239 | =          | Old Al Muqdadiya W.T.P.       | 180  | 50  | 3  | S.C | 1500 |
| 03-02-00240 | =          | Beni – Saad W.T.P             | 410  | 10  | 11 | S.C | 1500 |

|             |             |                           |      |     |    |     |      |
|-------------|-------------|---------------------------|------|-----|----|-----|------|
| 03-02-00241 | =           | Beni – Saad W.T.P         | 160  | 50  | 6  | S.C | 1500 |
| 03-02-00242 | =           | Beni – Saad W.T.P         | 200  | 60  | 5  | S.C | 1500 |
| 03-02-00243 | =           | Beni – Saad W.T.P         | 350  | 60  | 4  | S.C | 1500 |
| 03-02-00244 | =           | Kanaan W.T.P              | 200  | 15  | 2  | S.C | 1500 |
| 03-02-00245 | =           | Kanaan W.T.P (M.S)        | 65   | 91  | 2  | S.C | 1500 |
| 03-02-00246 | =           | Kanaan W.T.P              | 135  | 75  | 2  | S.C | 1500 |
| 03-02-00247 | =           | Kanaan W.T.P              | 65   | 52  | 2  | S.C | 3000 |
| 03-02-00248 | =           | Kanaan W.T.P              | 360  | 11  | 2  | S.C | 1500 |
| 03-02-00249 | Diala       | Al Khalis W.T.P           | 675  | 35  | 6  | S.C | 1500 |
| 03-02-00250 | =           | Al Khalis W.T.P           | 780  | 30  | 6  | S.C | 1500 |
| 03-02-00251 | Diala       | Al Khalis W.T.P           | 625  | 30  | 10 | S.C | 1500 |
| 03-02-00252 | =           | Al Khalis W.T.P (M.S)     | 100  | 100 | 8  | S.C | 1500 |
| 03-02-00253 | =           | Baquba W.T.P              | 1050 | 10  | 5  | S.C | 1500 |
| 03-02-00254 | =           | Baquba W.T.P              | 600  | 20  | 3  | S.C | 1500 |
| 03-02-00255 | =           | Baquba W.T.P              | 300  | 68  | 8  | S.C | 1500 |
| 03-02-00256 | =           | Baquba W.T.P              | 420  | 100 | 4  | S.C | 1500 |
| 03-02-00257 | =           | Baquba W.T.P              | 420  | 36  | 4  | S.C | 1500 |
| 03-02-00258 | =           | Baquba W.T.P              | 300  | 100 | 6  | S.C | 1500 |
| 03-02-00259 | =           | Khanaqin W.T.P            | 250  | 125 | 8  | S.C | 1500 |
| 03-02-00260 | =           | Khanaqin W.T.P            | 630  | 12  | 5  | S.C | 1500 |
| 03-02-00261 | =           | Boosting Station          | 600  | 70  | 6  | S.C | 1500 |
| 03-02-00262 | =           | Boosting Station          | 60   | 50  | 2  | S.C | 3000 |
| 03-02-00263 | =           | Boosting Station          | 160  | 50  | 2  | S.C | 1500 |
| 03-02-00264 | =           | Boosting Station          | 120  | 82  | 6  | S.C | 1500 |
| 03-02-00265 | =           | Jalwla W.T.P              | 420  | 36  | 3  | S.C | 1500 |
| 03-02-00266 | =           | Jalwla W.T.P              | 400  | 40  | 8  | S.C | 1500 |
| 03-02-00267 | =           | Jalwla W.T.P              | 250  | 70  | 8  | S.C | 1500 |
| 03-02-00268 | =           | Jalwla W.T.P              | 275  | 12  | 4  | S.C | 1500 |
| 03-02-00269 | =           | Qura – Taba W.T.P         | 312  | 30  | 4  | S.C | 1500 |
| 03-02-00270 | =           | Qura – Taba W.T.P         | 86   | 68  | 4  | S.C | 3000 |
| 03-02-00271 | =           | Qura – Taba W.T.P (M.S)   | 60   | 96  | 8  | S.C | 1500 |
| 03-02-00272 | =           | Qura – Taba W.T.P         | 90   | 66  | 4  | S.C | 3000 |
| 03-02-00273 | =           | Qura – Taba W.T.P         | 450  | 24  | 2  | S.C | 1500 |
| 03-02-00274 | =           | Qura – Taba W.T.P (M.S)   | 50   | 100 | 6  | S.C | 1500 |
| 03-02-00275 | =           | Al Munathraa W.T.P (M.S)  | 100  | 100 | 3  | S.C | 1500 |
| 03-02-00276 | =           | Al Tahrer W.T.P           | 630  | 20  | 2  | S.C | 1000 |
| 03-02-00277 | =           | Al Tahrer W.T.P           | 550  | 36  | 2  | S.C | 1500 |
| 03-02-00278 | Thiqar      | Nasseriah Unified W.T.P   | 820  | 20  | 6  | S.C | 1500 |
| 03-02-00279 | =           | Nasseriah Unified W.T.P   | 796  | 170 | 12 | S.C | 1500 |
| 03-02-00280 | =           | Nasseriah Unified W.T.P   | 900  | 30  | 12 | S.C | 1000 |
| 03-02-00281 | =           | Al Shatra W.T.P           | 575  | 20  | 9  | S.C | 1500 |
| 03-02-00282 | =           | Al Shatra W.T.P           | 575  | 65  | 9  | S.C | 1500 |
| 03-02-00283 | =           | Al Refayi W.T.P           | 250  | 50  | 12 | S.C | 1500 |
| 03-02-00284 | =           | Al Refayi W.T.P           | 300  | 20  | 12 | S.C | 1500 |
| 03-02-00285 | =           | Al Refayi W.T.P           | 300  | 20  | 2  | S.C | 1500 |
| 03-02-00286 | =           | Al Refayi Village W.T.P   | 125  | 20  | 6  | S.C | 1500 |
| 03-02-00287 | =           | Al Refayi Village W.T.P   | 120  | 40  | 6  | S.C | 1500 |
| 03-02-00288 | Thiqar      | Qalaat Sukkur W.T.P       | 420  | 40  | 12 | S.C | 1500 |
| 03-02-00289 | =           | Qalaat Sukkur W.T.P       | 420  | 20  | 6  | S.C | 1500 |
| 03-02-00290 | =           | Qalaat Sukkur W.T.P       | 90   | 60  | 12 | S.C | 3000 |
| 03-02-00291 | =           | Qalaat Sukkur W.T.P (M.S) | 90   | 100 | 12 | S.C | 1500 |
| 03-02-00292 | =           | Qalaat Sukkur W.T.P       | 600  | 20  | 6  | S.C | 1500 |
| 03-02-00293 | =           | Al –Fajer W.T.P           | 60   | 40  | 6  | S.C | 1500 |
| 03-02-00294 | =           | Al –Fajer W.T.P           | 64   | 20  | 12 | S.C | 1500 |
| 03-02-00295 | =           | Al –Nasir W.T.P           | 60   | 40  | 12 | S.C | 1500 |
| 03-02-00296 | =           | Al –Nasir W.T.P           | 64   | 20  | 12 | S.C | 1500 |
| 03-02-00297 | =           | Suq Al – Shuqi W.T.P      | 205  | 40  | 3  | S.C | 1500 |
| 03-02-00298 | =           | Suq Al – Shuqi W.T.P      | 120  | 50  | 3  | S.C | 1500 |
| 03-02-00299 | =           | Wafah Al –Qaid Boosting   | 600  | 100 | 12 | S.C | 1500 |
| 03-02-00300 | =           | Garmat –Beni –Saeed W.T.P | 60   | 40  | 9  | S.C | 3000 |
| 03-02-00301 | =           | Garmat –Beni –Saeed W.T.P | 64   | 20  | 3  | S.C | 1500 |
| 03-02-00302 | =           | Al Fahod W.T.P            | 200  | 40  | 8  | S.C | 1500 |
| 03-02-00303 | =           | Al Fahod W.T.P            | 205  | 30  | 8  | S.C | 1500 |
| 03-02-00304 | =           | Al Dawyia W.T.P           | 90   | 20  | 8  | S.C | 1500 |
| 03-02-00305 | =           | Al Dawyia W.T.P           | 90   | 40  | 3  | S.C | 1500 |
| 03-02-00306 | =           | Al Baathya W.T.P          | 200  | 40  | 8  | S.C | 1500 |
| 03-02-00307 | =           | Al Baathya W.T.P          | 200  | 20  | 8  | S.C | 1500 |
| 03-02-00308 | =           | Al Eslah W.T.P            | 90   | 40  | 8  | S.C | 1500 |
| 03-02-00309 | =           | Al Eslah W.T.P            | 90   | 20  | 3  | S.C | 1500 |
| 03-02-00310 | =           | Old Nasseriah W.T.P       | 250  | 30  | 8  | S.C | 1500 |
| 03-02-00311 | =           | Old Nasseriah W.T.P       | 250  | 50  | 8  | S.C | 1500 |
| 03-02-00312 | Salaheldeen | Tikrit W.T.P 2 nd stage   | 850  | 41  | 8  | S.C | 1500 |
| 03-02-00313 | =           | Tikrit W.T.P 2 nd stage   | 750  | 57  | 8  | S.C | 1500 |
| 03-02-00314 | =           | Old Tikrit W.T.P          | 450  | 60  | 8  | S.C | 1500 |
| 03-02-00315 | =           | Old Tikrit W.T.P          | 400  | 40  | 8  | S.C | 1500 |
| 03-02-00316 | =           | Al Ougi W.T.P             | 200  | 25  | 8  | S.C | 1500 |
| 03-02-00317 | =           | Al Ougi W.T.P             | 120  | 60  | 9  | S.C | 1500 |
| 03-02-00318 | =           | Al Ailam W.T.P            | 250  | 30  | 4  | S.C | 1500 |
| 03-02-00319 | =           | Al Ailam W.T.P (M.S)      | 60   | 60  | 12 | S.C | 1500 |
| 03-02-00320 | =           | New Al Dor W.T.P          | 430  | 25  | 3  | S.C | 1500 |
| 03-02-00321 | =           | New Al Dor W.T.P          | 414  | 50  | 8  | S.C | 1500 |

|             |             |                                |      |     |    |     |      |
|-------------|-------------|--------------------------------|------|-----|----|-----|------|
| 03-02-00322 | =           | New Al Dor W.T.P               | 300  | 80  | 6  | S.C | 1500 |
| 03-02-00323 | Salaheldeen | Old Al Dor W.T.P               | 250  | 50  | 8  | S.C | 1500 |
| 03-02-00324 | =           | Old Al Dor W.T.P               | 60   | 40  | 8  | S.C | 3000 |
| 03-02-00325 | =           | Al – Sharqid W.T.P             | 350  | 25  | 8  | S.C | 1500 |
| 03-02-00326 | =           | Al – Sharqid W.T.P             | 225  | 40  | 4  | S.C | 1500 |
| 03-02-00327 | =           | Al – Sharqid W.T.P             | 120  | 100 | 8  | S.C | 3000 |
| 03-02-00328 | =           | Al – Sharqid W.T.P             | 288  | 25  | 6  | S.C | 1500 |
| 03-02-00329 | =           | Al – Sharqid W.T.P             | 288  | 40  | 6  | S.C | 1500 |
| 03-02-00330 | =           | Old Al – Sharqid W.T.P         | 150  | 25  | 4  | S.C | 1500 |
| 03-02-00331 | =           | Old Al – Sharqid W.T.P         | 96   | 30  | 4  | S.C | 1500 |
| 03-02-00332 | =           | Al – Sharqid Villiage<br>W.T.P | 350  | 25  | 6  | S.C | 1500 |
| 03-02-00333 | =           | Al – Sharqid Villiage<br>W.T.P | 120  | 100 | 6  | S.C | 3000 |
| 03-02-00334 | =           | Al – Sharqid W.T.P No. (2)     | 210  | 25  | 6  | S.C | 1500 |
| 03-02-00335 | =           | Al –Sharqid W.T.P No. (2)      | 144  | 40  | 8  | S.C | 1500 |
| 03-02-00336 | =           | Al –Fairs W.T.P                | 95   | 20  | 2  | S.C | 1500 |
| 03-02-00337 | =           | Al –Fairs W.T.P                | 95   | 60  | 4  | S.C | 1500 |
| 03-02-00338 | =           | Al –Tarmiyah W.T.P             | 90   | 20  | 2  | S.C | 1500 |
| 03-02-00339 | =           | Al –Tarmiyah W.T.P             | 90   | 50  | 2  | S.C | 1500 |
| 03-02-00340 | =           | Old Dozz W.T.P                 | 180  | 80  | 2  | S.C | 1500 |
| 03-02-00341 | =           | Samarra W.T.P                  | 800  | 60  | 8  | S.C | 1500 |
| 03-02-00342 | =           | Samarra W.T.P                  | 450  | 50  | 3  | S.C | 1500 |
| 03-02-00343 | =           | Al –Fairs W.S.S                | 1495 | 15  | 4  | S.C | 1500 |
| 03-02-00344 | =           | New Balad W.T.P                | 250  | 20  | 6  | S.C | 1500 |
| 03-02-00345 | =           | Ishaqi – Uthrap W.T.P          | 130  | 30  | 1  | S.C | 1500 |
| 03-02-00346 | =           | Ishaqi – Uthrap W.T.P          | 90   | 60  | 1  | S.C | 1500 |
| 03-02-00347 | =           | Ishaqi – Uthrap W.T.P          | 360  | 102 | 4  | S.C | 1500 |
| 03-02-00348 | =           | Ishaqi – Uthrap W.T.P          | 420  | 82  | 4  | S.C | 1500 |
| 03-02-00349 | =           | Ishaqi – Uthrap W.T.P          | 575  | 20  | 2  | S.C | 1500 |
| 03-02-00350 | =           | Balad W.S.S.                   | 250  | 25  | 2  | S.C | 1500 |
| 03-02-00351 | =           | Balad W.S.S.                   | 500  | 25  | 4  | S.C | 1500 |
| 03-02-00352 | =           | New Al –Thoayia W.S.S          | 250  | 25  | 4  | S.C | 1500 |
| 03-02-00353 | =           | Old Al –Thoayia W.S.S          | 250  | 25  | 4  | S.C | 1500 |
| 03-02-00354 | =           | New Al –Thoayia W.S.S          | 210  | 45  | 6  | S.C | 1500 |
| 03-02-00355 | =           | Old Al –Thoayia W.S.S          | 210  | 45  | 6  | S.C | 1500 |
| 03-02-00356 | Baghdad     | Old Madain W.T.P.              | 264  | 68  | 6  | S.C | 1500 |
| 03-02-00357 | =           | Old Madain W.T.P.              | 264  | 12  | 8  | S.C | 1500 |
| 03-02-00358 | =           | New Madain W.T.P.              | 900  | 17  | 8  | S.C | 1500 |
| 03-02-00359 | =           | Al Rashidya W.T.P              | 780  | 14  | 6  | S.C | 1500 |
| 03-02-00360 | =           | Al –Muhmodia W.T.P.            | 1050 | 15  | 4  | S.C | 1500 |
| 03-02-00361 | =           | Al –Muhmodia W.T.P.            | 1000 | 37  | 8  | S.C | 1500 |
| 03-02-00362 | =           | Al –Muhmodia B.S.              | 500  | 15  | 5  | S.C | 1500 |
| 03-02-00363 | =           | Al- Lateffai W.T.P             | 300  | 15  | 3  | S.C | 1500 |
| 03-02-00364 | Baghdad     | Al- Lateffai W.T.P             | 300  | 9   | 3  | S.C | 1500 |
| 03-02-00365 | =           | Al- Lateffai W.T.P             | 100  | 30  | 2  | S.C | 1500 |
| 03-02-00366 | =           | Al-Rashida W.T.P               | 183  | 11  | 3  | S.C | 1500 |
| 03-02-00367 | =           | Al-Rashida W.T.P               | 800  | 17  | 3  | S.C | 1500 |
| 03-02-00368 | =           | Al-Rashida W.T.P               | 450  | 55  | 2  | S.C | 1500 |
| 03-02-00369 | =           | Al-Rashida W.T.P               | 195  | 60  | 2  | S.C | 1500 |
| 03-02-00370 | =           | Al-Rashida W.T.P               | 150  | 58  | 2  | S.C | 1500 |
| 03-02-00371 | =           | Al-Rashida W.T.P               | 735  | 40  | 3  | S.C | 1500 |
| 03-02-00372 | =           | Al-Rashida W.T.P               | 600  | 12  | 3  | S.C | 1500 |
| 03-02-00373 | =           | Al-Nahrawin Boosting           | 500  | 80  | 2  | S.C | 1500 |
| 03-02-00374 | =           | Al-Nahrawin Boosting           | 1000 | 85  | 3  | S.C | 1500 |
| 03-02-00375 | Najaf       | Najaf W.T.P                    | 2280 | 196 | 2  | S.C | 1500 |
| 03-02-00376 | Kerbala     | Jadwal Al-Gharbi W.T.P         | 120  | 40  | 2  | S.C | 1500 |
| 03-02-00377 | =           | Jadwal Al-Gharbi W.T.P         | 120  | 20  | 2  | S.C | 1500 |
| 03-02-00378 | =           | Jadwal Al-Gharbi W.T.P         | 60   | 40  | 2  | S.C | 3000 |
| 03-02-00379 | =           | Jadwal Al-Gharbi W.T.P         | 60   | 20  | 2  | S.C | 1500 |
| 03-02-00380 | =           | Boosting Station               | 1200 | 42  | 3  | S.C | 1500 |
| 03-02-00381 | =           | Project No. (7)                | 1400 | 17  | 6  | S.C | 1000 |
| 03-02-00382 | =           | Project No. (7)                | 1350 | 50  | 6  | S.C | 1000 |
| 03-02-00383 | =           | Project No. (7)                | 540  | 9   | 4  | S.C | 1000 |
| 03-02-00384 | =           | Ain –Tamer Boosting<br>Station | 350  | 100 | 3  | S.C | 1500 |
| 03-02-00385 | =           | Al-Uriba Boosting Station      | 1200 | 40  | 3  | S.C | 1500 |
| 03-02-00386 | =           | Al-Hindaya W.T.P               | 735  | 25  | 4  | S.C | 1500 |
| 03-02-00387 | =           | Al-Hindaya W.T.P               | 445  | 46  | 4  | S.C | 1500 |
| 03-02-00388 | =           | Al-Hindaya W.T.P               | 333  | 60  | 3  | S.C | 1500 |
| 03-02-00389 | =           | Al-Hindaya W.T.P               | 1200 | 25  | 2  | S.C | 1500 |
| 03-02-00390 | =           | Al-Hindaya W.T.P               | 762  | 30  | 3  | S.C | 1500 |
| 03-02-00391 | =           | Sewage Project                 | 500  | 30  | 2  | S.C | 1000 |
| 03-02-00392 | =           | Old Al-Hindaya W.T.P           | 160  | 25  | 3  | S.C | 1500 |
| 03-02-00393 | =           | Old Al-Hindaya W.T.P           | 150  | 60  | 4  | S.C | 1500 |
| 03-02-00394 | Babil       | New –Hilla W.T.P               | 1600 | 7   | 2  | S.C | 1000 |
| 03-02-00395 | taemeem     | Different Place                | 540  | 70  | 10 | S.C | 1500 |
| 03-02-00396 | =           | Different Place                | 900  | 30  | 10 | S.C | 1500 |
| 03-02-00397 | =           | Al Zap Unified W.T.P<br>(M.S)  | 100  | 80  | 6  | S.C | 1500 |
| 03-02-00398 | =           | Al Zap W.T.P (M.S)             | 90   | 100 | 3  | S.C | 1500 |
| 03-02-00399 | =           | Al Zap Village (M.S) W.T.      | 80   | 60  | 4  | S.C | 1500 |
| 03-02-00400 | =           | Al Zap Village (M.S) W.T.      | 85   | 20  | 4  | S.C | 1500 |
| 03-02-00401 | =           | Al Reyadh Village W.T.         | 312  | 20  | 3  | S.C | 1500 |
| 03-02-00402 | =           | Al Reyadh W.T.                 | 200  | 60  | 6  | S.C | 1500 |

|             |           |                          |      |     |    |     |      |
|-------------|-----------|--------------------------|------|-----|----|-----|------|
| 03-02-00403 | =         | Al Reyadh W.T.           | 220  | 20  | 6  | S.C | 1500 |
| 03-02-00404 | taameem   | Al Abassy w.t.           | 140  | 70  | 2  | S.C | 1500 |
| 03-02-00405 | =         | Al Abassy w.t.           | 160  | 20  | 2  | S.C | 1500 |
| 03-02-00406 | =         | Al Daquk w.t.p           | 375  | 60  | 4  | S.C | 1500 |
| 03-02-00407 | =         | Al Daquk w.t.p           | 380  | 20  | 3  | S.C | 1500 |
| 03-02-00408 | =         | Taza W.T.                | 260  | 60  | 2  | S.C | 1500 |
| 03-02-00409 | =         | Taza W.T.                | 280  | 20  | 2  | S.C | 1500 |
| 03-02-00410 | =         | Hassan Village W.T.      | 80   | 20  | 2  | S.C | 1500 |
| 03-02-00411 | =         | Hassan Village W.T.      | 70   | 60  | 2  | S.C | 3000 |
| 03-02-00412 | =         | AL-Ton kubry new W.T.    | 450  | 90  | 5  | S.C | 1500 |
| 03-02-00413 | =         | AL-Ton kubry new W.T.    | 1000 | 90  | 5  | S.C | 1500 |
| 03-02-00414 | =         | Al Toon Kobry W.T.       | 400  | 60  | 4  | S.C | 1500 |
| 03-02-00415 | =         | Al Toon Kobry W.T.       | 420  | 20  | 4  | S.C | 1500 |
| 03-02-00416 | =         | Al DEBIS W.T.            | 600  | 20  | 4  | S.C | 1500 |
| 03-02-00417 | =         | Al DEBIS W.T.            | 800  | 20  | 3  | S.C | 1500 |
| 03-02-00418 | =         | Al DEBIS W.T.            | 600  | 20  | 4  | S.C | 1500 |
| 03-02-00419 | =         | Al DEBIS W.T.            | 300  | 60  | 6  | S.C | 1500 |
| 03-02-00420 | =         | Al DEBIS W.T./3300       |      | 500 | 2  | S.C | 1500 |
| 03-02-00421 | Qadeseaya | Diwaniya W.T. *          | 1150 | 17  | 6  | S.C | 1500 |
| 03-02-00422 | =         | Diwaniya W.T. *          | 1000 | 16  | 6  | S.C | 1500 |
| 03-02-00423 | =         | Diwaniya W.T. *          | 225  | 64  | 2  | S.C | 1500 |
| 03-02-00424 | =         | Diwaniya W.T. *          | 350  | 21  | 1  | S.C | 1500 |
| 03-02-00425 | =         | Diwaniya W.T. *          | 600  | 10  | 1  | S.C | 1500 |
| 03-02-00426 | =         | Diwaniya W.T. *          | 1000 | 53  | 6  | S.C | 1500 |
| 03-02-00427 | =         | Diwaniya W.T. *          | 300  | 33  | 4  | S.C | 1500 |
| 03-02-00428 | =         | Diwaniya W.T. *          | 300  | 15  | 4  | S.C | 1500 |
| 03-02-00429 | =         | Diwaniya W.T. *          | 590  | 17  | 6  | S.C | 1500 |
| 03-02-00430 | =         | Al Shameayah W.T.        | 425  | 40  | 4  | S.C | 1500 |
| 03-02-00431 | =         | Al Shameayah W.T.        | 290  | 55  | 4  | S.C | 1500 |
| 03-02-00432 | =         | Al Shameayah W.T.        | 270  | 53  | 4  | S.C | 1500 |
| 03-02-00433 | =         | Al Shameayah W.T.        | 261  | 53  | 4  | S.C | 1500 |
| 03-02-00434 | =         | Al Qammas W.T.           | 150  | 40  | 6  | S.C | 1500 |
| 03-02-00435 | =         | Al Qammas W.T.           | 200  | 20  | 6  | S.C | 1500 |
| 03-02-00436 | =         | Al Bdeer W.T.            | 150  | 20  | 6  | S.C | 1500 |
| 03-02-00437 | =         | Al Bdeer W.T.            | 90   | 40  | 6  | S.C | 1500 |
| 03-02-00438 | =         | Al Dagara W.T.           | 300  | 24  | 4  | S.C | 1500 |
| 03-02-00439 | =         | Al Dagara W.T. (M.S)     | 90   | 84  | 4  | S.C | 3000 |
| 03-02-00440 | =         | Al Dagara W.T. (M.S)     | 150  | 73  | 4  | S.C | 1500 |
| 03-02-00441 | Nenewa    | Al-Mousel right bank w.t | 1440 | 35  | 12 | S.C | 1500 |
| 03-02-00442 | =         | Al-Mousel right bank w.t | 1380 | 90  | 8  | S.C | 1500 |
| 03-02-00443 | =         | Al-Mousel right bank w.t | 1380 | 60  | 8  | S.C | 1500 |
| 03-02-00444 | =         | Al-Mousel right bank w.t | 960  | 60  | 8  | S.C | 1500 |
| 03-02-00445 | =         | Al-Mousel lift bank w.t  | 1000 | 30  | 9  | S.C | 1500 |
| 03-02-00446 | =         | Al-Mousel lift bank w.t  | 960  | 60  | 9  | S.C | 1500 |
| 03-02-00447 | =         | Al-Mousel lift bank w.t  | 1190 | 80  | 9  | S.C | 1500 |
| 03-02-00448 | =         | Al-Mousel lift bank w.t  | 1190 | 53  | 8  | S.C | 1500 |
| 03-02-00449 | =         | Al-Mousel lift bank w.t  | 1000 | 80  | 8  | S.C | 1500 |
| 03-02-00450 | =         | Al-Mousel lift bank w.t  | 130  | 55  | 8  | S.C | 1500 |
| 03-02-00451 | =         | Hamam Al-Alel W.T.P      | 200  | 40  | 8  | S.C | 1500 |
| 03-02-00452 | =         | Hamam Al-Alel W.T.P      | 250  | 20  | 8  | S.C | 1500 |
| 03-02-00453 | =         | Al-Hather W.T.P          | 300  | 190 | 6  | S.C | 1500 |
| 03-02-00454 | =         | Al-Hather W.T.P          | 350  | 75  | 8  | S.C | 1500 |
| 03-02-00455 | =         | Al-Baiaj W.T.P           | 150  | 20  | 8  | S.C | 1500 |
| 03-02-00456 | =         | Makhmor W.T.P            | 400  | 50  | 8  | S.C | 1500 |
| 03-02-00457 | =         | Makhmor W.T.P            | 60   | 70  | 8  | S.C | 1500 |
| 03-02-00458 | =         | Makhmor W.T.P            | 100  | 120 | 8  | S.C | 1500 |
| 03-02-00459 | =         | Makhmor W.T.P            | 200  | 20  | 8  | S.C | 1500 |
| 03-02-00460 | =         | Al-Hamdanya W.T.P        | 200  | 60  | 8  | S.C | 1500 |
| 03-02-00461 | =         | Al-Hamdanya W.T.P        | 600  | 40  | 8  | S.C | 1500 |
| 03-02-00462 | =         | Al-Hamdanya W.T.P        | 210  | 35  | 8  | S.C | 1500 |
| 03-02-00463 | Nenewa    | Al-Shikan W.T.P          | 90   | 30  | 5  | S.C | 1500 |
| 03-02-00464 | =         | Rabia a W.T.P            | 150  | 20  | 2  | S.C | 1500 |
| 03-02-00465 | =         | Tal Akaif W.T.P ( M.S)   | 100  | 255 | 8  | S.C | 1500 |
| 03-02-00466 | =         | Tal Akaif W.T.P          | 100  | 20  | 8  | S.C | 1500 |
| 03-02-00467 | =         | Tal Akaif W.T.P ( M.S)   | 600  | 180 | 8  | S.C | 1500 |
| 03-02-00468 | =         | Tal Akaif W.T.P ( M.S)   | 200  | 116 | 8  | S.C | 1500 |
| 03-02-00469 | =         | Tal Akaif W.T.P          | 1200 | 47  | 8  | S.C | 1500 |
| 03-02-00470 | =         | Singaar W.T.P            | 60   | 80  | 12 | S.C | 1500 |
| 03-02-00471 | =         | Hamadit W.T.P            | 90   | 30  | 8  | S.C | 1500 |
| 03-02-00472 | =         | Hamadit W.T.P            | 60   | 40  | 8  | S.C | 1500 |
| 03-02-00473 | =         | Hamadit W.T.P            | 90   | 50  | 2  | S.C | 1500 |
| 03-02-00474 | =         | Hamadit W.T.P            | 60   | 40  | 2  | S.C | 1500 |
| 03-02-00475 | =         | Zemar W.T.P              | 61   | 36  | 2  | S.C | 1500 |
| 03-02-00476 | =         | Zemar W.T.P (M.S)        | 210  | 25  | 6  | S.C | 1500 |
| 03-02-00477 | =         | Al-Kaira W.T.P           | 144  | 30  | 6  | S.C | 1500 |
| 03-02-00478 | =         | Al-Kaira W.T.P           | 144  | 50  | 6  | S.C | 1500 |
| 03-02-00479 | =         | Al-Kaira W.T.P           | 60   | 30  | 6  | S.C | 1500 |
| 03-02-00480 | =         | Al-Shora W.T.P           | 300  | 40  | 4  | S.C | 1500 |
| 03-02-00481 | =         | Al-Shora W.T.P           | 144  | 30  | 4  | S.C | 1500 |
| 03-02-00482 | =         | Al-Shora W.T.P           | 280  | 80  | 6  | S.C | 1500 |
| 03-02-00483 | =         | Al-Shora W.T.P           | 50   | 75  | 4  | S.C | 1500 |
| 03-02-00484 | =         | Al-Rashidya w.t.p        | 150  | 15  | 8  | S.C | 1500 |
| 03-02-00485 | =         | Al-Rashidya w.t.p        | 100  | 15  | 8  | S.C | 1500 |
| 03-02-00486 | =         | Al-Rashidya w.t.p (M.S)  | 100  | 100 | 6  | S.C | 1500 |
| 03-02-00487 | =         | Tal afer W.T.P           | 1050 | 15  | 12 | S.C | 1500 |
| 03-02-00488 | =         | Tal afer W.T.P           | 850  | 115 | 8  | S.C | 1500 |
| 03-02-00489 | =         | Tal afer W.T.P           | 250  | 200 | 12 | S.C | 1500 |

|             |        |                              |      |     |    |     |      |
|-------------|--------|------------------------------|------|-----|----|-----|------|
| 03-02-00490 | =      | Tal afer W.T.P               | 300  | 18  | 8  | S.C | 1500 |
| 03-02-00491 | =      | Tal afer W.T.P               | 600  | 125 | 8  | S.C | 1500 |
| 03-02-00492 | =      | Tal afer W.T.P               | 90   | 50  | 6  | S.C | 1500 |
| 03-02-00493 | =      | Tal afer W.T.P               | 300  | 50  | 6  | S.C | 1500 |
| 03-02-00494 | =      | Tal afer W.T.P (M.S)         | 240  | 150 | 8  | S.C | 1500 |
| 03-02-00495 | =      | Tal afer W.T.P (M.S)         | 60   | 140 | 4  | S.C | 1500 |
| 03-02-00496 | =      | Al-Hamadanya W.T.P           | 720  | 30  | 8  | S.C | 1500 |
| 03-02-00497 | =      | Al-Hamadanya W.T.P           | 900  | 165 | 8  | S.C | 1500 |
| 03-02-00498 | =      | Al-Hamadanya W.T.P           | 120  | 40  | 2  | S.C | 1500 |
| 03-02-00499 | =      | Al-Hamadanya W.T.P           | 180  | 90  | 2  | S.C | 1500 |
| 03-02-00500 | =      | Al-Hamadanya W.T.P           | 780  | 52  | 2  | S.C | 1500 |
| 03-02-00501 | =      | Al-Hamadanya W.T.P           | 500  | 40  | 3  | S.C | 1500 |
| 03-02-00502 | =      | Gir –Gaber W.T.P (M.S)       | 150  | 125 | 8  | S.C | 1500 |
| 03-02-00503 | =      | Gir –Gaber W.T.P             | 150  | 20  | 4  | S.C | 1500 |
| 03-02-00504 | =      | Gir –Gaber W.T.P (M.S)       | 90   | 90  | 3  | S.C | 1500 |
| 03-02-00505 | =      | Gir –Gaber W.T.P (M.S)       | 90   | 100 | 3  | S.C | 1500 |
| 03-02-00506 | =      | Gir –Gaber W.T.P             | 90   | 30  | 3  | S.C | 1500 |
| 03-02-00507 | =      | Gir –Gaber W.T.P             | 150  | 30  | 4  | S.C | 1500 |
| 03-02-00508 | Nenewa | Al – Quraj W.T.P             | 400  | 35  | 8  | S.C | 1500 |
| 03-02-00509 | =      | Al – Quraj W.T.P             | 200  | 150 | 6  | S.C | 1500 |
| 03-02-00510 | =      | Al – Quraj W.T.P             | 90   | 60  | 4  | S.C | 1500 |
| 03-02-00511 | =      | Al – Quraj W.T.P (M.S)       | 150  | 100 | 4  | S.C | 1500 |
| 03-02-00512 | =      | Al-Kware W.T.P               | 550  | 40  | 4  | S.C | 1500 |
| 03-02-00513 | =      | Al-Kware W.T.P               | 180  | 70  | 2  | S.C | 1500 |
| 03-02-00514 | =      | Al-Kware W.T.P (M.S)         | 90   | 100 | 2  | S.C | 1500 |
| 03-02-00515 | =      | Al-Dindin W.T.P              | 650  | 60  | 4  | S.C | 1500 |
| 03-02-00516 | =      | Al-Dindin W.T.P              | 45   | 15  | 4  | S.C | 1500 |
| 03-02-00517 | =      | Al-Kware W.T.P               | 900  | 8   | 2  | S.C | 1000 |
| 03-02-00518 | =      | Al-Kware W.T.P (M.S)         | 100  | 200 | 2  | S.C | 1500 |
| 03-02-00519 | =      | Dabaka W.T.P(M.S)            | 75   | 200 | 2  | S.C | 1500 |
| 03-02-00520 | =      | Tal a fer W.T.P(M.S)         | 250  | 200 | 4  | S.C | 1500 |
| 03-02-00521 | =      | Tal a fer W.T.P(M.S)         | 150  | 200 | 2  | S.C | 1500 |
| 03-02-00522 | =      | Makhmor W.T.P (M.S)          | 150  | 200 | 6  | S.C | 1500 |
| 03-02-00523 | =      | Makhmor W.T.P                | 100  | 60  | 2  | S.C | 1500 |
| 03-02-00524 | =      | Makhmor W.T.P (M.S)          | 100  | 125 | 4  | S.C | 1500 |
| 03-02-00525 | =      | Makhmor W.T.P                | 200  | 20  | 4  | S.C | 1500 |
| 03-02-00526 | =      | Makhmor W.T.P (M.S)          | 400  | 160 | 3  | S.C | 1500 |
| 03-02-00527 | =      | Qadissia Boosting Station    | 200  | 35  | 6  | S.C | 1500 |
| 03-02-00528 | =      | Boosting Station inside mosi | 400  | 50  | 6  | S.C | 1500 |
| 03-02-00529 | =      | Boosting Station inside mosi | 90   | 60  | 4  | S.C | 1500 |
| 03-02-00530 | =      | Boosting Station inside mosi | 400  | 60  | 6  | S.C | 1500 |
| 03-02-00531 | =      | Boosting Station inside mosi | 144  | 40  | 6  | S.C | 1500 |
| 03-02-00532 | =      | Boosting Station inside mosi | 500  | 60  | 4  | S.C | 1500 |
| 03-02-00533 | =      | Boosting Station inside mosi | 500  | 50  | 4  | S.C | 1500 |
| 03-02-00534 | =      | Boosting Station inside mosi | 60   | 40  | 9  | S.C | 1500 |
| 03-02-00535 | =      | Boosting Station inside mosi | 400  | 50  | 2  | S.C | 1500 |
| 03-02-00536 | =      | Boosting Station inside mosi | 500  | 60  | 8  | S.C | 1500 |
| 03-02-00537 | =      | Boosting Station inside mosi | 640  | 80  | 4  | S.C | 1500 |
| 03-02-00538 | =      | Boosting Station inside mosi | 500  | 60  | 6  | S.C | 1500 |
| 03-02-00539 | =      | Boosting Station inside mosi | 400  | 50  | 7  | S.C | 1500 |
| 03-02-00540 | =      | Boosting Station inside mosi | 500  | 50  | 3  | S.C | 1500 |
| 03-02-00541 | Nenewa | Boosting Station inside mosi | 250  | 40  | 3  | S.C | 1500 |
| 03-02-00542 | =      | Boosting Station inside mosi | 20   | 40  | 2  | S.C | 1500 |
| 03-02-00543 | =      | Boosting Station inside mosi | 144  | 60  | 14 | S.C | 1500 |
| 03-02-00544 | =      | Boosting Station inside mosi | 200  | 60  | 2  | S.C | 1500 |
| 03-02-00545 | =      | Boosting Station inside mosi | 600  | 50  | 3  | S.C | 1500 |
| 03-02-00546 | =      | Boosting Station inside mosi | 250  | 60  | 2  | S.C | 1500 |
| 03-02-00547 | =      | Boosting Station inside mosi | 300  | 60  | 4  | S.C | 1500 |
| 03-02-00548 | =      | Adnania / Dabaka             | 400  | 120 | 4  | S.C | 1500 |
| 03-02-00549 | =      | =                            | 200  | 50  | 4  | S.C | 1500 |
| 03-02-00550 | =      | =                            | 200  | 145 | 4  | S.C | 1500 |
| 03-02-00551 | Anbar  | Ramadi W.T.P                 | 1000 | 68  | 2  | S.C | 1500 |
| 03-02-00552 | =      | New Ramadi W.T.P             | 300  | 20  | 4  | S.C | 1500 |
| 03-02-00553 | =      | Al-Fallaja W.T.P             | 700  | 80  | 4  | S.C | 1500 |
| 03-02-00554 | =      | Old Al-Fallaja W.T.P         | 350  | 50  | 4  | S.C | 1500 |
| 03-02-00555 | =      | Al-Namaia W.T.P              | 250  | 50  | 4  | S.C | 1500 |
| 03-02-00556 | =      | Unified Heet –Kabasia w.t.p  | 350  | 60  | 2  | S.C | 1500 |
| 03-02-00557 | =      | Kabasia W.T.P                | 150  | 160 | 2  | S.C | 1500 |
| 03-02-00558 | =      | Unified Heet –Kabasia w.t.p  | 60   | 53  | 2  | S.C | 1500 |
| 03-02-00559 | =      | Unified Heet w.t.p           | 30   | 61  | 2  | S.C | 1500 |
| 03-02-00560 | =      | Unified Heet Village w.t.p   | 210  | 51  | 3  | S.C | 1500 |
| 03-02-00561 | =      | Old Heet w.t.p               | 250  | 40  | 2  | S.C | 1500 |
| 03-02-00562 | =      | Old Heet w.t.p               | 250  | 60  | 2  | S.C | 1500 |
| 03-02-00563 | =      | Yogaslive W.T.P              | 200  | 60  | 6  | S.C | 1500 |
| 03-02-00564 | =      | Al-Frait W.T.P               | 150  | 60  | 2  | S.C | 1500 |
| 03-02-00565 | =      | Al-Karma W.T.P               | 700  | 50  | 2  | S.C | 1500 |
| 03-02-00566 | =      | Al-Karhol Line               | 320  | 57  | 2  | S.C | 1500 |
| 03-02-00567 | =      | Al-Samah line                | 240  | 62  | 8  | S.C | 1500 |
| 03-02-00568 | =      | Al-Karma W.T.P               | 600  | 10  | 6  | S.C | 1500 |
| 03-02-00569 | =      | Al-Karma W.T.P               | 750  | 60  | 4  | S.C | 1500 |
| 03-02-00570 | =      | West –desert W.T.P           | 700  | 190 | 20 | S.C | 1500 |
| 03-02-00571 | =      | West –desert W.T.P           | 700  | 171 | 6  | S.C | 1500 |
| 03-02-00572 | =      | West –desert W.T.P           | 600  | 200 | 6  | S.C | 1500 |
| 03-02-00573 | =      | West –desert W.T.P           | 600  | 132 | 6  | S.C | 1500 |
| 03-02-00574 | =      | West –desert W.T.P           | 600  | 250 | 6  | S.C | 1500 |
| 03-02-00575 | =      | West –desert W.T.P& Al-Qa    | 375  | 70  | 13 | S.C | 1500 |
| 03-02-00576 | =      | Deferent Sites               | 1000 | 70  | 70 | S.C | 1500 |



|             |       |                   |      |     |    |     |      |
|-------------|-------|-------------------|------|-----|----|-----|------|
| 03-02-00577 | =     | Rawa W.T.P        | 200  | 70  | 6  | S.C | 1500 |
| 03-02-00578 | =     | Rawa W.T.P        | 180  | 90  | 6  | S.C | 1500 |
| 03-02-00579 | =     | Rawa W.T.P        | 150  | 70  | 4  | S.C | 1500 |
| 03-02-00580 | Anbar | Rawa W.T.P        | 180  | 80  | 4  | S.C | 1500 |
| 03-02-00581 | =     | Al-Tharther W.T.P | 105  | 150 | 8  | S.C | 1500 |
| 03-02-00582 | =     | Al-Tharther W.T.P | 50   | 100 | 6  | S.C | 1500 |
| 03-02-00583 | =     | Al-Tharther W.T.P | 75   | 100 | 2  | S.C | 1500 |
| 03-02-00584 | =     | Al-Tharther W.T.P | 75   | 75  | 2  | S.C | 1500 |
| 03-02-00585 | =     | Al-Eabadey W.T.P  | 60   | 20  | 10 | S.C | 1500 |
| 03-02-00586 | =     | Al-Eabadey W.T.P  | 100  | 80  | 5  | S.C | 1500 |
| 03-02-00587 | =     | Al-Ratiba W.T.P   | 150  | 100 | 5  | S.C | 1500 |
| 03-02-00588 | =     | Al-Habaniya W.T.P | 100  | 55  | 3  | S.C | 1500 |
| 03-02-00589 | =     | Al-Habaniya W.T.P | 72   | 40  | 3  | S.C | 1500 |
| 03-02-00590 | =     | Al-Habaniya W.T.P | 216  | 40  | 2  | S.C | 1500 |
| 03-02-00591 | =     | Anna W.T.P        | 470  | 50  | 9  | S.C | 1500 |
| 03-02-00592 | =     | Al-Ramadiy W.T.P  | 1050 | 20  | 8  | S.C | 1500 |
| 03-02-00593 | =     | Al-Ramadiy W.T.P  | 350  | 20  | 4  | S.C | 1500 |
| 03-02-00594 | =     | Al-Faljoja W.T.P  | 500  | 40  | 3  | S.C | 1500 |
| 03-02-00595 | =     | Al-Faljoja W.T.P  | 410  | 20  | 4  | S.C | 1500 |

TOTAL 2712

**Section -10 -  
Ball Bearing**

| Code        | Gov. name | Ball Bearing no. | Qty. |
|-------------|-----------|------------------|------|
| 03-02-00596 | Nenewa    | 29324            | 100  |
| 03-02-00597 | =         | 6026             | 100  |
| 03-02-00598 | =         | 7317             | 250  |
| 03-02-00599 | =         | 6317             | 250  |
| 03-02-00600 | =         | 6224             | 100  |
| 03-02-00601 | =         | 7224             | 100  |
| 03-02-00602 | =         | 6226             | 100  |
| 03-02-00603 | =         | 7310             | 250  |
| 03-02-00604 | =         | 7312             | 250  |
| 03-02-00605 | =         | 7313             | 200  |
| 03-02-00606 | =         | 6316             | 100  |
| 03-02-00607 | =         | 6318             | 100  |
| 03-02-00608 | =         | 6319             | 100  |
| 03-02-00609 | =         | 6320             | 100  |
| 03-02-00610 | =         | 6322             | 100  |
| 03-02-00611 | =         | N4 224 E         | 150  |
| 03-02-00612 | =         | N3 22N           | 150  |
| 03-02-00613 | =         | N 312 E          | 150  |
| 03-02-00614 | =         | N4 322           | 250  |
| 03-02-00615 | =         | N4 317           | 250  |
| 03-02-00616 | =         | N4 318           | 250  |
| 03-02-00617 | =         | N4 319           | 200  |
| 03-02-00618 | =         | 6220             | 100  |
| 03-02-00619 | =         | 6211             | 150  |
| 03-02-00620 | =         | 7214             | 100  |
| 03-02-00621 | =         | 6217             | 100  |
| 03-02-00622 | =         | 6222             | 100  |
| 03-02-00623 | =         | 6314             | 100  |
| 03-02-00624 | =         | 6216             | 100  |
| 03-02-00625 | =         | 6212             | 100  |
| 03-02-00626 | =         | 6306             | 100  |
| 03-02-00627 | =         | 6311             | 100  |
| 03-02-00628 | =         | 6406             | 100  |
| 03-02-00629 | =         | 6308             | 100  |
| 03-02-00630 | =         | 6312             | 100  |
| 03-02-00631 | =         | 6307             | 100  |
| 03-02-00632 | =         | 6309             | 100  |
| 03-02-00633 | =         | 6312             | 100  |
| 03-02-00634 | =         | 6313             | 100  |
| 03-02-00635 | =         | 6411             | 100  |
| 03-02-00636 | =         | 6305             | 100  |
| 03-02-00637 | =         | 6209             | 100  |
| 03-02-00638 | =         | N4 215           | 100  |
| 03-02-00639 | nenewa    | 3312             | 50   |
| 03-02-00640 | Baghdad   | 6311             | 40   |
| 03-02-00641 | =         | 6308             | 40   |
| 03-02-00642 | =         | 6315             | 20   |
| 03-02-00643 | =         | 6305             | 20   |
| 03-02-00644 | =         | 6306             | 40   |
| 03-02-00645 | =         | 6206             | 20   |
| 03-02-00646 | =         | 6309             | 20   |
| 03-02-00647 | =         | 6310             | 30   |
| 03-02-00648 | =         | 6216             | 20   |
| 03-02-00649 | =         | 6312             | 20   |
| 03-02-00650 | =         | 6414             | 20   |
| 03-02-00651 | =         | 6217             | 20   |
| 03-02-00652 | =         | 6313             | 20   |
| 03-02-00653 | =         | 6205             | 20   |
| 03-02-00654 | =         | 6307             | 20   |
| 03-02-00655 | =         | 6313 C3          | 30   |
| 03-02-00656 | =         | N 216 - E CP     | 30   |
| 03-02-00657 | =         | 6209 C3          | 20   |
| 03-02-00658 | =         | 6314             | 25   |
| 03-02-00659 | =         | N 317            | 25   |

|             |          |                |      |     |
|-------------|----------|----------------|------|-----|
| 03-02-00660 | =        | 6310 C3        |      | 25  |
| 03-02-00661 | Najaf    |                | 6311 | 100 |
| 03-02-00662 | =        |                | 6322 | 115 |
| 03-02-00663 | =        |                | 6319 | 150 |
| 03-02-00664 | =        |                | 7314 | 150 |
| 03-02-00665 | =        |                | 6314 | 100 |
| 03-02-00666 | =        |                | 6212 | 120 |
| 03-02-00667 | =        |                | 6306 | 120 |
| 03-02-00668 | =        |                | 6309 | 120 |
| 03-02-00669 | =        |                | 6324 | 120 |
| 03-02-00670 | =        |                | 6317 | 100 |
| 03-02-00671 | =        |                | 6307 | 100 |
| 03-02-00672 | =        |                | 6313 | 120 |
| 03-02-00673 | =        |                | 6316 | 15  |
| 03-02-00674 | =        |                | 6320 | 20  |
| 03-02-00675 | =        |                | 6311 | 20  |
| 03-02-00676 | =        |                | 6315 | 20  |
| 03-02-00677 | =        | 313 NU         |      | 20  |
| 03-02-00678 | =        |                | 315  | 20  |
| 03-02-00679 | Kerbala  | MJ 2 1 / 2     |      | 32  |
| 03-02-00680 | =        |                | 6320 | 16  |
| 03-02-00681 | =        |                | 6414 | 15  |
| 03-02-00682 | =        |                | 6314 | 40  |
| 03-02-00683 | =        | N U 318        |      | 10  |
| 03-02-00684 | =        |                | 6318 | 20  |
| 03-02-00685 | =        |                | 6307 | 24  |
| 03-02-00686 | Kerbala  |                | 6306 | 14  |
| 03-02-00687 | =        |                | 6206 | 16  |
| 03-02-00688 | =        |                | 6308 | 20  |
| 03-02-00689 | =        |                | 6310 | 30  |
| 03-02-00690 | =        |                | 6307 | 20  |
| 03-02-00691 | =        |                | 6311 | 12  |
| 03-02-00692 | =        |                | 6312 | 12  |
| 03-02-00693 | =        |                | 6411 | 12  |
| 03-02-00694 | AL-Anbar |                | 6410 | 90  |
| 03-02-00695 | =        |                | 6305 | 90  |
| 03-02-00696 | =        |                | 7311 | 25  |
| 03-02-00697 | =        | 314 N S        |      | 25  |
| 03-02-00698 | =        | R M S 14       |      | 90  |
| 03-02-00699 | =        | R M S 159 / 16 |      | 50  |
| 03-02-00700 | =        | 1 4 3          |      | 50  |
| 03-02-00701 | =        | 1 4 1          |      | 50  |
| 03-02-00702 | =        |                | 6204 | 10  |
| 03-02-00703 | =        |                | 6304 | 50  |
| 03-02-00704 | =        |                | 6310 | 50  |
| 03-02-00705 | =        |                | 6209 | 50  |
| 03-02-00706 | =        |                | 6321 | 25  |
| 03-02-00707 | =        |                | 6317 | 140 |
| 03-02-00708 | =        |                | 6318 | 25  |
| 03-02-00709 | =        |                | 7321 | 25  |
| 03-02-00710 | =        |                | 6224 | 25  |
| 03-02-00711 | =        | N S 624        |      | 25  |
| 03-02-00712 | =        |                | 6315 | 25  |
| 03-02-00713 | =        |                | 6312 | 25  |
| 03-02-00714 | =        |                | 6307 | 25  |
| 03-02-00715 | =        |                | 6306 | 25  |
| 03-02-00716 | =        |                | 7310 | 25  |
| 03-02-00717 | =        |                | 3301 | 25  |
| 03-02-00718 | =        |                | 3310 | 25  |
| 03-02-00719 | =        |                | 6000 | 75  |
| 03-02-00720 | =        |                | 6205 | 75  |
| 03-02-00721 | =        |                | 6206 | 75  |
| 03-02-00722 | =        |                | 6308 | 75  |
| 03-02-00723 | =        |                | 6309 | 75  |
| 03-02-00724 | =        |                | 6311 | 25  |
| 03-02-00725 | =        |                | 6300 | 50  |
| 03-02-00726 | =        |                | 6312 | 25  |
| 03-02-00727 | =        |                | 6313 | 25  |
| 03-02-00728 | =        |                | 6406 | 25  |
| 03-02-00729 | =        |                | 216  | 50  |
| 03-02-00730 | =        |                | 212  | 50  |
| 03-02-00731 | =        |                | 309  | 25  |
| 03-02-00732 | =        |                | 7320 | 25  |
| 03-02-00733 | AL-Anbar | NU 320         |      | 50  |
| 03-02-00734 | =        | NU 318         |      | 50  |
| 03-02-00735 | =        | NU 311         |      | 10  |
| 03-02-00736 | =        |                | 3311 | 50  |
| 03-02-00737 | Qadissia |                | 6216 | 80  |
| 03-02-00738 | =        |                | 6310 | 60  |
| 03-02-00739 | =        | 6314 ZZ        |      | 48  |
| 03-02-00740 | =        | 6216 Z Z       |      | 40  |
| 03-02-00741 | =        | 6312 2 R S     |      | 80  |
| 03-02-00742 | =        |                | 6211 | 30  |
| 03-02-00743 | =        | N U - 22125    |      | 40  |
| 03-02-00744 | =        |                | 3211 | 40  |
| 03-02-00745 | =        | 6315 / C3      |      | 40  |

|             |          |              |       |     |
|-------------|----------|--------------|-------|-----|
| 03-02-00746 | =        | N U 2305     |       | 40  |
| 03-02-00747 | =        | 56207 NA     |       | 40  |
| 03-02-00748 | =        | FG 207       |       | 40  |
| 03-02-00749 | =        | 22216 H C    |       | 50  |
| 03-02-00750 | =        | NU P 309 E N |       | 50  |
| 03-02-00751 | =        | 63062 Z      |       | 25  |
| 03-02-00752 | =        |              | 30207 | 40  |
| 03-02-00753 | =        | 6308 2 R S   |       | 90  |
| 03-02-00754 | =        | 6317 C 3     |       | 80  |
| 03-02-00755 | =        | 6320 C 3     |       | 40  |
| 03-02-00756 | =        |              | 6321  | 24  |
| 03-02-00757 | =        | N 321        |       | 24  |
| 03-02-00758 | =        |              | 6217  | 32  |
| 03-02-00759 | =        | N 217        |       | 32  |
| 03-02-00760 | =        |              | 6309  | 80  |
| 03-02-00761 | =        |              | 6311  | 90  |
| 03-02-00762 | =        |              | 6316  | 50  |
| 03-02-00763 | =        |              | 6305  | 100 |
| 03-02-00764 | =        |              | 6414  | 50  |
| 03-02-00765 | =        |              | 6313  | 50  |
| 03-02-00766 | =        | N U 316      |       | 60  |
| 03-02-00767 | =        | N U 314      |       | 60  |
| 03-02-00768 | =        | NU 2220      |       | 40  |
| 03-02-00769 | =        | 6220 C3      |       | 40  |
| 03-02-00770 | =        | 7316 B       |       | 30  |
| 03-02-00771 | =        | N U 320      |       | 30  |
| 03-02-00772 | =        | 23026 E S    |       | 30  |
| 03-02-00773 | =        | 29426 E      |       | 30  |
| 03-02-00774 | =        |              | 31315 | 40  |
| 03-02-00775 | =        | 2316 NU      |       | 40  |
| 03-02-00776 | =        |              | 23230 | 8   |
| 03-02-00777 | =        | 22316 C      |       | 8   |
| 03-02-00778 | =        | 24152 C      |       | 8   |
| 03-02-00779 | =        | 24136 C      |       | 8   |
| 03-02-00780 | Qadissia | 7310 B       |       | 40  |
| 03-02-00781 | =        | 7310 C3      |       | 150 |
| 03-02-00782 | =        | 7312 C3      |       | 150 |
| 03-02-00783 | Tameem   |              | 6310  | 90  |
| 03-02-00784 | =        |              | 6309  | 60  |
| 03-02-00785 | =        |              | 6308  | 50  |
| 03-02-00786 | =        |              | 6307  | 80  |
| 03-02-00787 | =        |              | 6311  | 20  |
| 03-02-00788 | =        |              | 6305  | 46  |
| 03-02-00789 | =        |              | 6306  | 30  |
| 03-02-00790 | =        |              | 6315  | 32  |
| 03-02-00791 | =        |              | 6322  | 30  |
| 03-02-00792 | =        |              | 6210  | 25  |
| 03-02-00793 | =        |              | 6312  | 12  |
| 03-02-00794 | Mesaan   |              | 6305  | 50  |
| 03-02-00795 | =        |              | 6306  | 50  |
| 03-02-00796 | =        |              | 6308  | 50  |
| 03-02-00797 | =        |              | 6309  | 50  |
| 03-02-00798 | =        |              | 6310  | 50  |
| 03-02-00799 | =        |              | 6311  | 50  |
| 03-02-00800 | =        |              | 6411  | 50  |
| 03-02-00801 | =        |              | 6410  | 50  |
| 03-02-00802 | =        |              | 6314  | 50  |
| 03-02-00803 | =        |              | 6315  | 50  |
| 03-02-00804 | =        |              | 6316  | 50  |
| 03-02-00805 | =        |              | 6317  | 50  |
| 03-02-00806 | Muthana  | 6312 C3      |       | 100 |
| 03-02-00807 | =        |              | 7314  | 100 |
| 03-02-00808 | =        | N 314        |       | 120 |
| 03-02-00809 | =        | 6308 C3      |       | 120 |
| 03-02-00810 | =        | 1 1 4        |       | 100 |
| 03-02-00811 | =        | N 1 1 / 4    |       | 80  |
| 03-02-00812 | =        | N U 222      |       | 100 |
| 03-02-00813 | =        |              | 6217  | 80  |
| 03-02-00814 | =        |              | 6306  | 150 |
| 03-02-00815 | =        |              | 6308  | 120 |
| 03-02-00816 | =        |              | 6312  | 200 |
| 03-02-00817 | =        |              | 6305  | 200 |
| 03-02-00818 | =        | G 204        |       | 100 |
| 03-02-00819 | =        |              | 6212  | 110 |
| 03-02-00820 | =        |              | 6208  | 120 |
| 03-02-00821 | =        |              | 6206  | 150 |
| 03-02-00822 | =        |              | 6315  | 80  |
| 03-02-00823 | =        |              | 6316  | 75  |
| 03-02-00824 | =        |              | 6317  | 100 |
| 03-02-00825 | =        | 7314 B       |       | 50  |
| 03-02-00826 | =        | 314 N        |       | 50  |
| 03-02-00827 | Muthana  | 222 N        |       | 12  |
| 03-02-00828 | =        |              | 6309  | 50  |
| 03-02-00829 | =        |              | 6310  | 50  |
| 03-02-00830 | =        |              | 6307  | 50  |
| 03-02-00831 | Basrah   | 692 Z1       |       | 170 |
| 03-02-00832 | =        | 6407 Z2      |       | 180 |

|             |       |         |      |
|-------------|-------|---------|------|
| 03-02-00833 | =     | 6211 Z2 | 160  |
| 03-02-00834 | =     | 6410 Z2 | 190  |
| 03-02-00835 | =     | 6314 Z2 | 300  |
| 03-02-00836 | =     | 6309 Z2 | 300  |
| 03-02-00837 | =     | 6294 Z2 | 150  |
| 03-02-00838 | =     | 6313 Z2 | 300  |
| 03-02-00839 | =     | 6308 Z2 | 300  |
| 03-02-00840 | =     | 6209 Z2 | 175  |
| 03-02-00841 | =     | 6305 Z2 | 160  |
| 03-02-00842 | =     | 6210 Z2 | 160  |
| 03-02-00843 | =     | 6310 Z2 | 175  |
| 03-02-00844 | =     | 6306 Z2 | 300  |
| 03-02-00845 | =     | 6406 Z1 | 300  |
| 03-02-00846 | =     | 6311 Z2 | 300  |
| 03-02-00847 | =     | 6312 Z2 | 190  |
| 03-02-00848 | =     | 214 N   | 45   |
| 03-02-00849 | =     | 6307 Z2 | 300  |
| 03-02-00850 | =     | 6315 Z2 | 160  |
| 03-02-00851 | =     | 6206 Z2 | 190  |
| 03-02-00852 | =     | 6205 Z2 | 190  |
| 03-02-00853 | =     | 6202 Z2 | 130  |
| 03-02-00854 | =     | 6203 Z3 | 140  |
| 03-02-00855 | Wasit | 6305    | 50   |
| 03-02-00856 | =     | 6306    | 50   |
| 03-02-00857 | =     | 6307    | 50   |
| 03-02-00858 | =     | 6308    | 50   |
| 03-02-00859 | =     | 6309    | 50   |
| 03-02-00860 | =     | 6310    | 50   |
| 03-02-00861 | =     | 6311    | 50   |
| 03-02-00862 | =     | 6312    | 50   |
| 03-02-00863 | =     | 6313    | 50   |
| 03-02-00864 | =     | 6314    | 50   |
| 03-02-00865 | =     | 6315    | 50   |
| 03-02-00866 | =     | 6316    | 50   |
| 03-02-00867 | =     | 6317    | 50   |
| 03-02-00868 | =     | 6318    | 50   |
| 03-02-00869 | =     | 6319    | 50   |
| 03-02-00870 | =     | 6320    | 50   |
| 03-02-00871 | =     | 6205    | 50   |
| 03-02-00872 | =     | 6206    | 50   |
| 03-02-00873 | =     | 6207    | 50   |
| 03-02-00874 | Wasit | 6208    | 50   |
| 03-02-00875 | =     | 6209    | 50   |
| 03-02-00876 | =     | 6210    | 50   |
| 03-02-00877 | =     | 6211    | 50   |
| 03-02-00878 | =     | 6212    | 50   |
| 03-02-00879 | =     | 6213    | 50   |
| 03-02-00880 | =     | 6214    | 50   |
| 03-02-00881 | =     | 6215    | 50   |
| 03-02-00882 | =     | 3305    | 50   |
| 03-02-00883 | =     | 3306    | 50   |
| 03-02-00884 | =     | 3307    | 50   |
| 03-02-00885 | =     | 3308    | 50   |
| 03-02-00886 | =     | 3309    | 50   |
| 03-02-00887 | =     | 3310    | 50   |
| 03-02-00888 | =     | 3311    | 50   |
| 03-02-00889 | =     | 3312    | 50   |
| 03-02-00890 | =     | 3313    | 50   |
| 03-02-00891 | =     | 3314    | 50   |
| 03-02-00892 | =     | 3315    | 50   |
| 03-02-00893 | =     | 3316    | 50   |
| 03-02-00894 | =     | 3317    | 50   |
| 03-02-00895 | =     | 3318    | 50   |
| 03-02-00896 | =     | 3319    | 50   |
| 03-02-00897 | =     | 3320    | 50   |
| 03-02-00898 | =     | 7305    | 50   |
| 03-02-00899 | =     | 7306    | 50   |
| 03-02-00900 | =     | 7307    | 50   |
| 03-02-00901 | =     | 7308    | 50   |
| 03-02-00902 | =     | 7309    | 50   |
| 03-02-00903 | =     | 7310    | 50   |
| 03-02-00904 | =     | 7311    | 50   |
| 03-02-00905 | =     | 7312    | 50   |
| 03-02-00906 | =     | 7313    | 50   |
| 03-02-00907 | =     | 7314    | 50   |
| 03-02-00908 | Diala | 6308    | 1900 |
| 03-02-00909 | =     | 6315    | 790  |
| 03-02-00910 | =     | 6309    | 1950 |
| 03-02-00911 | =     | 6305    | 250  |
| 03-02-00912 | =     | 6207    | 200  |
| 03-02-00913 | =     | 6209    | 600  |
| 03-02-00914 | =     | 6307    | 200  |
| 03-02-00915 | =     | 6310    | 5000 |
| 03-02-00916 | =     | 6312    | 2500 |
| 03-02-00917 | =     | 6313    | 600  |
| 03-02-00918 | =     | 6409    | 700  |
| 03-02-00919 | =     | 6306    | 600  |

|             |             |               |      |      |
|-------------|-------------|---------------|------|------|
| 03-02-00920 | =           | R MS 14       |      | 2000 |
| 03-02-00921 | Diala       |               | 6216 | 500  |
| 03-02-00922 | =           |               | 6204 | 500  |
| 03-02-00923 | =           |               | 6316 | 300  |
| 03-02-00924 | =           |               | 6206 | 300  |
| 03-02-00925 | =           |               | 6208 | 300  |
| 03-02-00926 | =           | 633 L Z       |      | 300  |
| 03-02-00927 | =           |               | 6410 | 400  |
| 03-02-00928 | =           |               | 6304 | 100  |
| 03-02-00929 | =           | R M S 10      |      | 300  |
| 03-02-00930 | =           | R M S 12      |      | 300  |
| 03-02-00931 | Salaheldeen |               | 6305 | 570  |
| 03-02-00932 | =           |               | 6307 | 420  |
| 03-02-00933 | =           |               | 6308 | 524  |
| 03-02-00934 | =           |               | 6311 | 330  |
| 03-02-00935 | =           |               | 6313 | 300  |
| 03-02-00936 | =           |               | 6315 | 636  |
| 03-02-00937 | =           |               | 6317 | 250  |
| 03-02-00938 | =           |               | 6318 | 310  |
| 03-02-00939 | =           |               | 6319 | 175  |
| 03-02-00940 | =           |               | 6406 | 100  |
| 03-02-00941 | =           |               | 6411 | 120  |
| 03-02-00942 | =           |               | 6312 | 269  |
| 03-02-00943 | =           | N U 317       |      | 150  |
| 03-02-00944 | =           | N U 319       |      | 150  |
| 03-02-00945 | =           | NU 322        |      | 150  |
| 03-02-00946 | =           | N U 318       |      | 150  |
| 03-02-00947 | =           |               | 6205 | 200  |
| 03-02-00948 | =           |               | 6208 | 200  |
| 03-02-00949 | =           |               | 6210 | 200  |
| 03-02-00950 | =           |               | 6212 | 200  |
| 03-02-00951 | =           | N U 315       |      | 220  |
| 03-02-00952 | =           | R M S 10      |      | 220  |
| 03-02-00953 | =           | R M S 16 / 15 |      | 20   |
| 03-02-00954 | =           | 2 R S 6309    |      | 16   |
| 03-02-00955 | =           | 2 R S 6307    |      | 16   |
| 03-02-00956 | =           | 2 R S 6306    |      | 12   |
| 03-02-00957 | =           | 2 R S 6308    |      | 16   |
| 03-02-00958 | =           | M J I 3 / 4   |      | 20   |
| 03-02-00959 | =           | N U 319       |      | 88   |
| 03-02-00960 | =           | N U 219       |      | 20   |
| 03-02-00961 | =           |               | 7316 | 60   |
| 03-02-00962 | =           | N 212         |      | 16   |
| 03-02-00963 | =           | N 313         |      | 16   |
| 03-02-00964 | =           |               | 6310 | 168  |
| 03-02-00965 | =           |               | 6309 | 20   |
| 03-02-00966 | =           |               | 6314 | 56   |
| 03-02-00967 | =           |               | 6308 | 8    |
| 03-02-00968 | Salaheldeen |               | 7309 | 40   |
| 03-02-00969 | =           |               | 7310 | 30   |
| 03-02-00970 | =           |               | 7311 | 120  |
| 03-02-00971 | =           |               | 7312 | 80   |
| 03-02-00972 | =           |               | 7314 | 100  |
| 03-02-00973 | =           | N 324         |      | 40   |
| 03-02-00974 | =           |               | 6306 | 60   |
| 03-02-00975 | =           | N U 312       |      | 40   |
| 03-02-00976 | =           |               | 6313 | 20   |
| 03-02-00977 | =           | N U 215       |      | 20   |
| 03-02-00978 | =           | N U 216       |      | 20   |
| 03-02-00979 | =           | 1 3 / 4       |      | 50   |
| 03-02-00980 | =           |               | 6317 | 91   |
| 03-02-00981 | =           |               | 6206 | 10   |
| 03-02-00982 | =           | R M S 14      |      | 50   |
| 03-02-00983 | =           | M Z T 13 / 19 |      | 28   |
| 03-02-00984 | =           | 6319 NU       |      | 25   |
| 03-02-00985 | =           | 6318 NU       |      | 10   |
| 03-02-00986 | Thiqar      |               | 6004 | 50   |
| 03-02-00987 | =           |               | 6206 | 50   |
| 03-02-00988 | =           |               | 6305 | 103  |
| 03-02-00989 | =           |               | 6306 | 122  |
| 03-02-00990 | =           |               | 6307 | 174  |
| 03-02-00991 | =           |               | 6308 | 92   |
| 03-02-00992 | =           |               | 6309 | 152  |
| 03-02-00993 | =           |               | 6310 | 74   |
| 03-02-00994 | =           |               | 6311 | 95   |
| 03-02-00995 | =           |               | 6312 | 79   |
| 03-02-00996 | =           |               | 6313 | 84   |
| 03-02-00997 | =           |               | 6314 | 64   |
| 03-02-00998 | =           |               | 6315 | 80   |
| 03-02-00999 | =           |               | 6316 | 120  |
| 03-02-01000 | =           |               | 6317 | 90   |
| 03-02-01001 | =           |               | 6207 | 70   |
| 03-02-01002 | =           |               | 6208 | 70   |
| 03-02-01003 | =           |               | 6209 | 70   |
| 03-02-01004 | =           |               | 6210 | 120  |
| 03-02-01005 | =           |               | 6215 | 120  |
| 03-02-01006 | =           |               | 6217 | 110  |

|             |        |              |       |       |
|-------------|--------|--------------|-------|-------|
| 03-02-01007 | =      |              | 6406  | 100   |
| 03-02-01008 | =      |              | 6405  | 100   |
| 03-02-01009 | =      |              | 3318  | 300   |
| 03-02-01010 | =      |              | 2211  | 100   |
| 03-02-01011 | =      |              | 22320 | 100   |
| 03-02-01012 | =      | N U 320 / C3 |       | 100   |
| 03-02-01013 | =      | N U 318      |       | 100   |
| 03-02-01014 | =      |              | 3216  | 100   |
| 03-02-01015 | Thiqar |              | 3313  | 100   |
| 03-02-01016 | =      |              | 220   | 100   |
| 03-02-01017 | =      | N U 218      |       | 100   |
| 03-02-01018 | =      |              | 217   | 50    |
| 03-02-01019 | =      |              | 7317  | 125   |
| 03-02-01020 | =      |              | 216   | 100   |
| 03-02-01021 | =      |              | 23026 | 100   |
| 03-02-01022 | =      |              | 32318 | 100   |
| 03-02-01023 | =      |              | 2317  | 200   |
| 03-02-01024 | =      |              | 7411  | 200   |
| 03-02-01025 | =      |              | 6416  | 200   |
| 03-02-01026 | =      |              | 7320  | 70    |
| 03-02-01027 | =      |              | 2209  | 140   |
| 03-02-01028 | =      |              | 7409  | 25    |
| 03-02-01029 | =      | N 319        |       | 25    |
| 03-02-01030 | =      |              | 6319  | 20    |
| 03-02-01031 | =      | N 207        |       | 20    |
| 03-02-01032 | =      | N 205        |       | 25    |
| 03-02-01033 | =      |              | 6318  | 25    |
| 03-02-01034 | =      |              | 6324  | 25    |
| 03-02-01035 | =      |              | 2307  | 25    |
| 03-02-01036 | =      |              | 6328  | 25    |
| 03-02-01037 | =      |              | 3211  | 20    |
| 03-02-01038 | =      |              | 6211  | 26    |
| 03-02-01039 | =      |              | 6212  | 20    |
| 03-02-01040 | =      |              | 5305  | 26    |
| 03-02-01041 | =      |              | 6034  | 24    |
| 03-02-01042 | =      |              | 1305  | 26    |
| 03-02-01043 | =      |              | 3406  | 12    |
| 03-02-01044 | =      |              | 6320  | 12    |
|             |        | total        |       | 56250 |

#### SECTION 11

##### Mobile work shop truck

| Code        | Description            | Qty |     |
|-------------|------------------------|-----|-----|
| 03-02-01045 | Mobile work shop truck |     | 100 |

#### SECTION 12

##### Amphibious dredger

| Code        | Description                    | Qty |    |
|-------------|--------------------------------|-----|----|
| 03-02-01046 | Amphibious hydraulic excavator |     | 8  |
| 03-02-01047 | Dredger capacity 1000 m3hr     |     | 2  |
| 03-02-01048 | Dredger capacity 500 m3hr      |     | 2  |
|             | Total                          |     | 12 |

#### Section - 13 -

##### Wheel Loader (Shovels)

| Code        | Description           | Qty |     |
|-------------|-----------------------|-----|-----|
| 03-02-01049 | Wheel Loader (shovel) |     | 500 |

#### SECTION 14

##### Fork lift

| Code        | Description   | Qty |     |
|-------------|---|-----|-----|
| 03-02-01050 | 4 WD , diesle enging , hydrostactic transmission , with spare part. |     |     |
|             | A- 5 ton capacity   |     | 150 |
|             | B - ( 3 ) ton capacity  |     | 150 |
|             | total   |     | 300 |

#### SECTION 15

##### Lorry and trailer

| Code        | Description                             | Qty |      |
|-------------|---|-----|------|
| 03-02-01051 | 1- Truck 2 ton                          |     | 500  |
| 03-02-01052 | 2- Lorry 5 ton                          |     | 150  |
| 03-02-01053 | 3- Lorry 10 ton                         |     | 150  |
| 03-02-01054 | 4- Lorry 15 ton                         |     | 150  |
| 03-02-01055 | 5- Trailer with lorry 35 ton            |     | 100  |
| 03-02-01056 | 6- Tipping truck with 12 m3 tipper body |     | 400  |
| 03-02-01057 | 7- Low loader 35 ton                    |     | 250  |
|             | TOTAL                                   |     | 1700 |

#### SECTION 16

##### Cars for transport employeres

| Code        | Description   | Qty |    |
|-------------|---|-----|----|
| 03-02-01058 | Gasoline (Benzen), manual gear , capacity 21 passangers , with spare parts. |     | 90 |
| 03-02-01059 | Benzine engine , manual gear , capacity 14 passangers , with spare parts.   |     | 90 |

|             |   |     |
|-------------|---|-----|
| 03-02-01060 | Desil engine , manual gear , capacity 40 passangers , with spare parts. | 220 |
|             | Total   | 400 |

**SECTION 17  
pick up - Cars**

| Code        | Description  | Qty  |
|-------------|--|------|
| 03-02-01061 | 1/ 2 ton cpacity banzin enging , power steering , 2WD aircondition , 4 doors , with spare parts. | 3000 |
| 03-02-01062 | 1 ton cpacity diesel enging , power steering , 2WD aircondition , 2 doors , with spare parts.    | 200  |
| 03-02-01063 | 1 ton cpacity banzin enging , power steering , 4WD aircondition , 4 doors , with spare parts.    | 3000 |
|             | TOTAL  | 6200 |

**Section -18-  
Compressors with jack -Hammer**

| Code        | Description                                | Qty. |
|-------------|--|------|
| 03-02-01064 | Air Compressor With spare parts 360 ft/min | 100  |
| 03-02-01065 | Ditto but 250 ft/min .                     | 100  |
| 03-02-01066 | Ditto but 175 ft/min .                     | 100  |
| 03-02-01067 | Ditto but pressure (12 - 14) bar           | 160  |
|             | TOTAL                                      | 460  |

**Section -19-  
Sewerage Diesel Pumps**

| Code        | Gov. Name   | Project Name  | Q (m3/hr) | H (m) | Qty      |
|-------------|-------------|---|-----------|-------|----------|
| 03-02-01068 | Basrah      | Al-Rebate Sewage B.S.   | 500       | 20    | 20       |
| 03-02-01069 | =           | Al-Ashar Sewage B.S.  | 50        | 20    | 20       |
| 03-02-01070 | =           | Sewerage diesel pump with accessories and spare parts                                       | 125       | 20    | 31       |
| 03-02-01071 | =           | Al-Fao Sewage T. P  | 250       | 15    | 20       |
| 03-02-01072 | =           | Al-Basrah Sewage T. P.  | 500       | 15    | 20       |
| 03-02-01073 | =           | Al-Meaqale W.T.P  | 50        | 20    | 24       |
| 03-02-01074 | Mesan       | Mesan Sewage T.P  | 500       | 20    | 24       |
| 03-02-01075 | Thiqar      | Al-Naserea Sewage T.P   | 500       | 20    | 40       |
| 03-02-01076 | =           | Al-Nasereya Sewage Boosting Station (Sewerage diesel pump with accessories and spare parts) | 250       | 20    | 50 Units |
| 03-02-01077 | =           | Al-Nasereya Sewage Boosting Station   | 500       | 20    | 20       |
| 03-02-01078 | Salaheldeen | Tikreat Sewage T.P  | 250       | 12    | 28       |
| 03-02-01079 | =           | Tikreat Sewage T.P  | 500       | 12    | 8        |
| 03-02-01080 | Najaf       | Al-Najaf Sewage Station   | 500       | 15    | 20       |
| 03-02-01081 | Al-Tameem   | Al-Zab W.T.P  | 250       | 15    | 10       |
| 03-02-01082 | =           | Al-Reayadh W.T.P  | 250       | 15    | 10       |
| 03-02-01083 | =           | Al-Reayadh W.T.P  | 250       | 30    | 8        |
| 03-02-01084 | =           | Al-Haweaga W.T.P  | 250       | 15    | 8        |
| 03-02-01085 | =           | Al-Abbas W.T.P  | 250       | 15    | 100      |
| 03-02-01086 | =           | Different W.T.P   | 250       | 15    | 20       |
| 03-02-01087 | Baghdad     | Water Treatment Projects  | 50        | 10    | 60       |
| 03-02-01088 | Al-Gov.     | Water & Sewage Projects   | 500       | 10    | 40       |
| 03-02-01089 | =           | Water & Sewage Projects   | 125       | 30    | 100      |
| 03-02-01090 | =           | Water & Sewage Projects   | 250       | 15    | 100      |
|             | TOTAL       |   |           |       | 740      |

**SECTION -20-  
Vertical Pumps**

| Code        | Gov. Name | Project Name                        | Q (m3/hr) | H (m) | R.P.M.               | Shaft length (m) | Qty | Suc.dia. mm | Del. dia. mm |
|-------------|-----------|-------------------------------------|-----------|-------|----------------------|------------------|-----|-------------|--------------|
| 03-02-01091 | Basrah    | C Sewage lifting station            | 1100      | 30    | 1450                 | 2.1              | 2   | 300         | 250          |
| 03-02-01092 |           | Basrah Sewage T.P                   | 180       | 7.2   | 720                  | 4.9              | 2   | 150         | 150          |
| 03-02-01093 |           | Basrah unified w.t.p.*              | 1025      | 20    | 1480                 | 6.2              | 5   |             |              |
| 03-02-01094 |           | Sewage station No. 14               | 900       | 20    | 1450                 | 2.3              | 2   | 300         | 250          |
| 03-02-01095 |           | Sewage station No. 3                | 250       | 7     | 1450                 | 1.75             | 2   | 200         | 150          |
| 03-02-01096 |           | Sewage station No.6& No.9           | 450       | 7     | 1450                 | 2.25             | 2   | 250         | 200          |
| 03-02-01097 |           | Sewage station No.6& No.9           | 900       | 9     | 1450                 | 2.25             | 1   | 300         | 250          |
| 03-02-01098 |           | Sewage station No.16 &17            | 3000      | 12    | 980                  | 2.45             | 6   | 500         | 500          |
| 03-02-01099 |           | The 25 AQUA CU.*                    | 1025      | 15    | 1480                 | 6.2              | 7   |             | 350          |
| 03-02-01100 | Thiqar    | Area Sew. Station                   | 500       | 10    | 970                  | 5.1              | 4   | 250         | 200          |
| 03-02-01101 | =         | Nasseriah main sewage lifting stat. | 1700      | 10    | 735                  | 6.15             | 3   | 400         | 350          |
| 03-02-01102 | =         | Nasseriah main sewage lifting stat. | 4000      | 10    | 585                  | 4.6              | 1   | 600         | 550          |
| 03-02-01103 | =         | Nasseriah Sewa. T.P                 | 250       | 20    | 970                  | 7.2              | 2   | 250         | 200          |
| 03-02-01104 | =         | Nasseriah Sewa. T.P                 | 1000      | 10    | 975 direct link (Nos |                  | 3   | 300         | 250          |

|             |            |                              |      |      |      |                  |     |     |     |
|-------------|------------|------------------------------|------|------|------|------------------|-----|-----|-----|
| 03-02-01105 | =          | Nasseri Sewa. T.P            | 500  | 10   | 970  | direct link (Nos | 1   | 250 | 200 |
| 03-02-01106 | =          |                              | 1080 | 20   | 900  |                  | 24  |     |     |
| 03-02-01107 | =          |                              | 360  | 20   | 900  |                  | 19  |     |     |
| 03-02-01108 | Thiqar     |                              | 720  | 20   | 900  |                  | 22  |     |     |
| 03-02-01109 | =          |                              | 540  | 20   | 900  |                  | 18  |     |     |
| 03-02-01110 | =          | Sewage station               | 180  | 20   | 900  |                  | 20  |     |     |
| 03-02-01111 | =          | Sewage station               | 1800 | 20   | 900  |                  | 2   |     |     |
| 03-02-01112 | Najaf      | AL-Najaf sew. Project        | 1746 | 11.5 | 980  |                  | 2   |     |     |
| 03-02-01113 |            | AL-Najaf sew. Project        | 90   | 12   | 960  |                  | 3   |     |     |
| 03-02-01114 |            | AL-Najaf sew. Project        | 162  | 12.5 | 1450 | motor direct coi | 2   |     |     |
| 03-02-01115 |            | New Water T.P                | 1630 | 12   | 950  |                  | 6   |     |     |
| 03-02-01116 | AL-Muthana | ALQitar Boosting Station     | 100  | 34   | 2900 |                  | 3   |     |     |
| 03-02-01117 | Nenewa     | AL-Mosul (left bank)* w.t.p. | 2200 | 40   | 900  | 13.39            | 4   | 500 | 500 |
| 03-02-01118 | =          | AL-Mosul (left bank)* w.t.p. | 2200 | 40   | 998  |                  | 4   | 500 | 500 |
| 03-02-01119 | =          | Dindan W.T.P                 | 450  | 15   |      |                  | 4   |     |     |
| 03-02-01120 | =          | Left bank W.T.P              | 1600 | 10   | 1450 |                  | 4   |     |     |
| 03-02-01121 |            |                              | 435  | 20   | 1500 |                  | 3   |     |     |
| 03-02-01122 | Babil      | Hilla sew. T.P               | 180  | 20   | 1500 | motor direct coi | 2   |     |     |
| 03-02-01123 | =          | Sewage station               | 4140 | 16   | 1500 |                  | 3   |     |     |
| 03-02-01124 | Qaddisyia  | Diwanya Sewage               | 432  | 18   | 1475 |                  | 3   | 10  | 225 |
| 03-02-01125 | =          | Qaddisyia Sewage             | 325  | 14   | 970  |                  | 1   | 225 | 150 |
| 03-02-01126 | Salahdeen  | Brawjly Borehole             | 50   | 132  | 2900 |                  | 7   |     |     |
| 03-02-01127 |            | Brawjly W.T.P                | 50   | 40   | 2900 |                  | 2   |     |     |
| 03-02-01128 |            | Brawjly Borehole             | 50   | 132  | 2900 |                  | 4   |     |     |
|             |            | total                        |      |      |      |                  | 205 |     |     |

(\*) : mixflow pump

#### SECTION - 21 -

##### DIESEL GENERATOR FOR WATER AND SEWAGE

| Code        | Rating KVA | KV   | Qty.       |
|-------------|------------|------|------------|
| 03-02-01129 | 30         |      | 0.4 307    |
| 03-02-01130 | 75         |      | 0.4 545    |
| 03-02-01131 | 100        |      | 0.4 112    |
| 03-02-01132 | 150        |      | 0.4 60     |
| 03-02-01133 | 250        |      | 0.4 83     |
| 03-02-01134 | 400        |      | 0.4 54     |
| 03-02-01135 | 500        |      | 0.4 108    |
| 03-02-01136 | 650        |      | 0.4 31     |
| 03-02-01137 | 850        |      | 0.4 27     |
| 03-02-01138 | 1000       |      | 0.4 68 **  |
| 03-02-01139 | A-1250     |      | 0.4 46 *** |
|             | B-1500     |      | 0.4 1      |
| 03-02-01140 | 1650       | 11 * | 5          |
| 03-02-01141 | 2000       | 11 * | 9          |
| 03-02-01142 | 3500       | 11 * | 10         |
|             | TOTAL      |      | 1465       |

\* The speed of generator sets 750 r.p.m .

\*\* With Synchronizing 8 No.

\*\*\* With Synchronizing 10 No. + One off them must be 11 kv

#### Section - 22 -

##### Steel Reinforcement

| Code        | Bar Size in millimeter | Qty. (ton) |
|-------------|------------------------|------------|
| 03-02-01143 | 6                      | 700        |
| 03-02-01144 | 8                      | 3000       |
| 03-02-01145 | 10                     | 20000      |
| 03-02-01146 | 12                     | 25000      |
| 03-02-01147 | 16                     | 15000      |
| 03-02-01148 | 18                     | 15000      |
| 03-02-01149 | 20                     | 1500       |
| 03-02-01150 | 22                     | 1500       |
| 03-02-01151 | 25                     | 10000      |
| 03-02-01152 | Tie wire               | 1500       |
|             | TOTAL                  | 93200      |

#### SECTION 23

##### Cotton And Rubber Rein Forced Hoses Of Different Size

| Code        | Description   | Qty.(Roll) |
|-------------|---|------------|
| 03-02-01153 | 1-hose pipe cotton and rubber manufacture reinforced by spiral wire. 75 mm diameter 10 m length complete with coupling and clamp on | 500        |
| 03-02-01154 | 2-Ditto but with size 100mm.  | 500        |
| 03-02-01155 | 3-Ditto but with size 160mm.  | 500        |
| 03-02-01156 | 4-Ditto but with size 200mm.  | 500        |
| 03-02-01157 | 5- hose pipe cotton and rubber manufacture cc   | 400        |
| 03-02-01158 | 6-Ditto but size 160 mm.  | 400        |
|             | total   | 28000 ml   |

#### Section -24 -

##### Wireless System for water supply scheme

| Code        | Governorate name | Project name                         |
|-------------|------------------|--------------------------------------|
| 03-02-01159 | Najaf            | For Najaf /Kufa Water Supply Secheme |
| 03-02-01160 | Basrah           | For Basrah / W. S Secheme            |



|             |              |                              |
|-------------|--------------|------------------------------|
| 03-02-01161 | Salah aldeen | New Tikrit                   |
| 03-02-01162 | Salah aldeen | Old Tikrit                   |
| 03-02-01163 | Salah aldeen | Al-Aoja                      |
| 03-02-01164 | Salah aldeen | Al-Qadissia                  |
| 03-02-01165 | Salah aldeen | Beji –Al-siniya              |
| 03-02-01166 | Salah aldeen | Balad                        |
| 03-02-01167 | Salah aldeen | Al-Ishaqi                    |
| 03-02-01168 | Neniwa       | Right Side                   |
| 03-02-01169 | Neniwa       | Tel Aafer                    |
| 03-02-01170 | Neniwa       | Al-Hamdaniya –Alsalamiya     |
| 03-02-01171 | Neniwa       | Makhmor –Sultan abd-all      |
| 03-02-01172 | Tameem       | Kirkuk water treatment plant |
| 03-02-01173 | Diala        | Baquba                       |
| 03-02-01174 | Diala        | Al-Khalis                    |
| 03-02-01175 | Diala        | Al-New Moqdadia              |
| 03-02-01176 | Diala        | Khanakeen –monthria          |
| 03-02-01177 | Diala        | Jelwla                       |
| 03-02-01178 | Diala        | Al-Sadiya                    |
| 03-02-01179 | Baghdad      | Al-Rashdiya                  |
| 03-02-01180 | Baghdad      | Al-Mahmoodiya                |
| 03-02-01181 | Baghdad      | Al-Madain –Al-Nahrawan       |
| 03-02-01182 | Al-Anbar     | West desert                  |
| 03-02-01183 | Al-Anbar     | Althirhar                    |
| 03-02-01184 | Babil        | New Hilla                    |
| 03-02-01185 | Kerbala      | Project 7 nissan             |
| 03-02-01186 | Kerbala      | Ain AL-Tamer                 |
| 03-02-01187 | Al-Qadissiya | Al-Diwaniya                  |
| 03-02-01188 | Wasit        | Al kut                       |
| 03-02-01189 | Wasit        | Al Asisiya                   |
| 03-02-01190 | Wasit        | Al Suwera                    |
| 03-02-01191 | Al-Muthana   | Al-Rumatha                   |
| 03-02-01192 | Thiqar       | Al-Nassiriya                 |
| 03-02-01193 | Thiqar       | Al-Shatra                    |
| 03-02-01194 | Thiqar       | Suq Al-Shuqe                 |
| 03-02-01195 | Messan       | AL-Amara                     |

**SECTION 25**  
**Crossing rivers pipes**

| Code        | Description  | Qty/m |
|-------------|--|-------|
|             | Ductile iron pipes Thrust resistance Joint (locked -Joint) complete with rubber rings as |       |
| 03-02-01196 | a- 1000 mm dia   | 3000  |
| 03-02-01197 | b- 900 mm dia  | 3000  |
| 03-02-01198 | c- 800 mm dia  | 3000  |
| 03-02-01199 | d- 700 mm dia  | 3000  |
| 03-02-01200 | e- 600 mm dia  | 5000  |
| 03-02-01201 | f- 500 mm dia  | 5000  |
| 03-02-01202 | g- 450 mm dia  | 5000  |
| 03-02-01203 | h- 400 mm dia  | 5000  |
| 03-02-01204 | i- 350 mm dia  | 5000  |
| 03-02-01205 | j- 300 mm dia  | 5000  |
| 03-02-01206 | k- 250 mm dia  | 5000  |
| 03-02-01207 | l- 200 mm dia  | 5000  |
| 03-02-01208 | m- 150 mm dia  | 5000  |
| 03-02-01209 | n- 100 mm dia  | 5000  |
|             | Total  | 62000 |

**Section - 26 -**  
**compact Unit**

| Code        | Governorate Name | Description               | Qty |
|-------------|------------------|---------------------------|-----|
| 03-02-01210 | All Gov.         | Complete Compact Unit 20C | 200 |

**SECTION - 27 –**  
**VALVE AND SEFTY VALVES FOR CHLORINE CYLINDER**

| Code        | Description                 | QTY   |
|-------------|-----------------------------|-------|
| 03-02-01211 | Valves for cylinder 1 ton   | 3000  |
| 03-02-01212 | Valves for cylinder 50 kg . | 3000  |
| 03-02-01213 | Safty valves                | 5000  |
| Total       |                             | 11000 |

**SECTION 28**  
**G. R. P. Pipes**

| Code        | Description  | Qty ml |
|-------------|--|--------|
|             | Supplying glass reinforced plastic pipe 6 bar for gravity sewers ( G.R.P ) pipes shall comply with B.S. 5480 |        |
| 03-02-01214 | 1-(700)mm dia -with rubber rings   | 5000   |
| 03-02-01215 | 2- Ditto ( 800 )mm dia.  | 3000   |
| 03-02-01216 | 3- Ditto ( 900 )mm dia.  | 3000   |
| 03-02-01217 | 4- Ditto ( 1000 )mm dia.   | 3000   |
| 03-02-01218 | 5- Ditto ( 1200 )mm dia.   | 3000   |
| 03-02-01219 | 6- Ditto ( 1400 )mm dia.   | 2000   |
| 03-02-01220 | 7- Ditto ( 1600 )mm dia.   | 2000   |
| 03-02-01221 | 8- Ditto ( 1800 )mm dia.   | 2000   |
| 03-02-01222 | 9- Ditto (2000)mm dia  | 2000   |
|             | Total  | 25000  |

**SECTION 29  
EXCAVATER**

| Code        | Description         | Qty No.    |
|-------------|---------------------|------------|
| 03-02-01223 | A- Backhoe loaders  | 120        |
| 03-02-01224 | B-Wheel excavater   | 100        |
| 03-02-01225 | C-Grawler excavater | 120        |
|             | <b>Total</b>        | <b>340</b> |

**SECTION 30  
Dumpers**

| Code        | Description                                       | QtyNo. |
|-------------|---|--------|
| 03-02-01226 | - 1 ton capacity diesel engine , with spare parts | 150    |

**SECTION 31  
Battries and battry charger**

| Code        | Description                                   | Qty No.     |
|-------------|---|-------------|
| 03-02-01227 | Battries acid must be dry :-                  |             |
|             | 60 A 10-12 cell                               | 2000        |
|             | 90 A 15 cell                                  | 2200        |
|             | 135 A 20 cell                                 | 3200        |
|             | 180 A 25 cell                                 | 2100        |
| 03-02-01228 | Battries charger (380)V 3.ph, must be portabk | 30          |
|             | <b>Total</b>                                  | <b>9530</b> |

**SECTION 32  
Tyers**

**All Tyers should be polyester ( nylon ) and steel**

| Code        | Description  | Qty No.      |
|-------------|--|--------------|
| 03-02-01229 | Tyers :-   |              |
|             | 1- 1200 x 20 PR 18 with tube and auxelaries                | 2200         |
|             | 2- 1100 x 20 PR 18 with tube and auxelaries                | 2000         |
|             | 3- 1000 x 20 PR 16 with tube and auxelaries                | 500          |
|             | 4- 900 x 20 PR 16 with tube and auxelaries                 | 1000         |
|             | 5- 750 x 16 PR 12 with tube and auxelaries                 | 2000         |
|             | 6- 700 x 16 PR 12 with tube and auxelaries                 | 100          |
|             | 7- 650 x 16 PR 12 with tube and auxelaries                 | 200          |
|             | 8- 650 x 14 PR 8 with tube                                 | 2000         |
|             | 9- 185 x 14 PR 8 with tube                                 | 2000         |
|             | 10- 195 x 14 PR 8 with tube                                | 1000         |
|             | 11- 700 x 15 PR 10 with tube and auxelaries                | 200          |
|             | 12- 600 x 8 PR 15 with tube and auxelaries                 | 100          |
|             | 13- 600 x 10 PR 15 with tube and auxelaries                | 150          |
|             | 14- 1200 x 24 with tube and auxelaries                     | 2200         |
|             | 15- 17.5 x 25 with tube and auxelaries                     | 400          |
|             | 16- 900 x 20 Smooth pr 16 with tube and auxelaries         | 250          |
|             | 17- 1300 x 24 (agriculture type ) with tube and auxelaries | 600          |
|             | 18- 20.5 x 25 (agriculture type ) with tube and auxelaries | 400          |
|             | 19- 185 x 15 (agriculture type ) with tube and auxelaries  | 200          |
|             | 20- 175 x 13 (agriculture type ) with tube and auxelaries  | 1000         |
|             | 21-1400 x 24   | 50           |
|             | 22- 16.9 x 28  | 50           |
|             | 23- 15.5 x 38  | 50           |
|             | <b>Total</b>   | <b>18500</b> |

The face for tyers must be tough and slotted to itemes ( 1 , 2 , 3 , 4 , 12 , 13 , 14 , 19 )

**SECTION 33  
VEHICLES**

| Code        | Description   | Qty /No.  |
|-------------|---|-----------|
| 03-02-01230 | Pick up (double cabinet ) ( 1.5-2) ton with spare parts | 12        |
| 03-02-01231 | Super ban cars  | 12        |
|             | <b>Total</b>  | <b>24</b> |

**SECTION -34-  
Carbage collection vehicles**

| Code        | Description                 | Qty/No. |
|-------------|-----------------------------|---------|
| 03-02-01232 | Carbage collection vehicles | 500     |

**SECTION -35-  
Carbage Containers Hook Loader trucks & carbage container**

| Code        | Description                           | Qty / No. |
|-------------|---------------------------------------|-----------|
| 03-02-01233 | Carbage Containers Hook Loader trucks | 100       |
| 03-02-01234 | Carbage containers                    | 500       |

**SECTION - 36 -  
WATER TANKER**

| Code No.    | Description  | Qty/No.     |
|-------------|--|-------------|
| 03-02-01235 | 16000 Litters drinking water tanker                | 1500        |
| 03-02-01236 | 10000 Litters Drinking water tanker                | 1200        |
| 03-02-01237 | fire extinguisher vehicle with (6000 – 8000) litte | 450         |
|             | <b>Total</b>                                       | <b>3150</b> |

**SECTION - 37 -  
Tractor with truck**

| Code        | Description             | Qty/No. |
|-------------|-------------------------|---------|
| 03-02-01238 | Tractor with truck4 ton | 500     |

**SECTION - 38 -  
Grader**

| Code        | Description | Qty/No. |
|-------------|-------------|---------|
| 03-02-01239 | Grader      | 250     |

**SECTION -39-  
BULLDOZER TRACTOR**

| Code        | Description       | Qty/No. |
|-------------|-------------------|---------|
| 03-02-01240 | BULLDOZER TRACTOR | 200     |

**SECTION -40-  
PAVER FINISHER**

| Code        | Description    | Qty/No. |
|-------------|----------------|---------|
| 03-02-01241 | PAVER FINISHER | 150     |

**Section (41)**

**Spare part for ( Volvo , Cater pillar, Foun, Hino, Kawsaky  
Toyota , sakai, honda, oldsmobile, chevrolet ,landgruser, Cars & Equipment  
spare part of caterpillar equipment**

| Code        | p.No.   | Des.          | Qty./No. |
|-------------|---------|---------------|----------|
| 03-02-01242 | 1N4304  | Head cylinder | 20       |
|             | 3T 8706 | Glow plus     | 60       |
|             | 4N 0360 | Glow plug     | 60       |
|             | 4N 3181 | Motor         | 10       |
|             | 4N 6116 | Pump          | 10       |
|             | 4N 7692 | Crank shift   | 10       |
|             | 4N6860  | cartridge     | 20       |
|             | 5N8501  | Head cylinder | 20       |
|             | 6N9915  | Valve         | 120      |
|             | 6N9916  | Valve         | 120      |
|             | 7N0128  | Oil cooler    | 20       |
|             | 7N0165  | Oil cooler    | 20       |
|             | 7N0449  | Nozzele       | 120      |
|             | 8N8220  | Bearing       | 20       |
|             | 8N8222  | Bearing       | 120      |
|             | 7N2177  | Pump          | 10       |
|             | 7N7750  | Cartridge     | 20       |
|             | 8N1188  | Head cylinder | 20       |
|             | 8N1831  | Nozzele       | 120      |
|             | 8N3102  | Piston        | 120      |
|             | 8N3182  | Piston        | 120      |
|             | 8N5511  | Cartridge     | 20       |
|             | 8N7005  | Nozzele       | 120      |
|             | 8N8221  | Bearing       | 120      |
|             | 8N8225  | Bearing       | 120      |
|             | 8N8796  | Nozzele       | 120      |
|             | 2P1262  | Guide         | 120      |
|             | 7S9404  | Ring          | 120      |
|             | 6V2209  | Kit casket    | 60       |
|             | 1W1818  | Valve         | 120      |
|             | 1W1819  | Valve         | 120      |
|             | 1W6753  | Compressor    | 10       |
|             | 810498  | Pump          | 10       |
|             | 2P8889  | Liner         | 120      |
|             | 9S3068  | Ring          | 120      |
|             | 4W0788  | Pump          | 120      |
|             | 1U3953  | Cartridge     | 20       |
|             | 2P0484  | Champer       | 120      |
|             | 3G7658  | Cartridge     | 20       |
|             | 8N8223  | Bearing       | 20       |
|             | 8N8226  | Bearing       | 20       |
|             | 8N8224  | Bearing       | 25       |
|             | 2W6091  | Ring          | 120      |
|             | 6V2971  | Kit casket    | 60       |
|             | 9S1059  | Kit casket    | 60       |
|             | 6N7527  | Planger       | 120      |
|             | 5D9553  | Cutting edge  | 120      |
|             | 7N2834  | Kit repair    | 60       |
|             | 3T278   | Motor         | 20       |
|             | 1U330   | Tip           | 120      |
|             | 8S3970  | Champer       | 160      |
|             | 6V292   | Kit casket    | 60       |
|             | 6V2972  | Kit casket    | 60       |
|             | 4W2448  | Oil pump      | 20       |
|             | 5S7232  | Valve         | 120      |
|             | 5S6452  | Valve         | 120      |
|             | 6N9294  | Alternator    | 60       |
|             | 5P9218  | Kit casket    | 60       |
|             | 5P9225  | Kit casket    | 60       |
|             | 5P9226  | Kitcasket     | 60       |
|             | 8N1984  | Rod           | 120      |
|             | 8N7924  | Bearing       | 120      |
|             | 8N7933  | Bearing       | 120      |

|        |       |    |
|--------|-------|----|
| 2P0661 | Pump  | 20 |
| 4N7977 | Shaft | 60 |
| 4N7978 | Shaft | 50 |

**Spare Part Of Volvo Cars**

| Code        | p.No. | Des.                            | Qty./No. |
|-------------|-------|---------------------------------|----------|
| 03-02-01243 |       | 275036 Cylinder. Liner Kit      | 300      |
|             |       | 275551 Gasket Kit cylinder head | 180      |
|             |       | 275531 Complementary kit engine | 100      |
|             |       | 275304 Piston ring Kit          | 300      |
|             |       | 467517 Oil pump                 | 60       |
|             |       | 275570 Oil pump Kit             | 60       |
|             |       | 270100 Big end bearing Kit      | 420      |
|             |       | 270439 Main bearing Kit         | 490      |
|             |       | 270101 Big end bearing Kit      | 420      |
|             |       | 270440 Main bearing Kit         | 490      |
|             |       | 467915 Water pump               | 70       |
|             |       | 275615 Water pump Kit           | 100      |
|             |       | 423125 Pulley                   | 50       |
|             |       | 467466 Fuel injection. pump     | 70       |
|             |       | 243083 Fuel Feed pump           | 150      |
|             |       | 240808 pump unit                | 100      |
|             |       | 240423 Delivery valve           | 100      |
|             |       | 243742 Delivery valve relainer  | 150      |
|             |       | 76703 Hand pump                 | 100      |
|             |       | 238896 Nozzle                   | 600      |
|             |       | 467369 Turbo charge             | 50       |
|             |       | 240340 Start motor              | 50       |
|             |       | 240488 Solenoid switch          | 100      |
|             |       | 240493- Starter solenoid        | 100      |
|             |       | 1578140 Alternator              | 100      |
|             |       | 244343 Diode plate              | 50       |
|             |       | 244426 Carbon brush Kit         | 200      |
|             |       | 244340 Rotor                    | 70       |
|             |       | 267143 Clutch                   | 50       |
|             |       | 267236 Clutch Disk              | 50       |
|             |       | 1526047 Drive plate             | 50       |
|             |       | 267156 Release. bearing         | 50       |
|             |       | 1581204 Master cylinder         | 25       |
|             |       | 273660 Repair Kit               | 100      |
|             |       | 1526523 Clutch servo            | 30       |
|             |       | 273447 Repair Kit               | 100      |
|             |       | 232367 Centre bearing           | 150      |
|             |       | 1587787 Hydraulic pump          | 100      |
|             |       | 1695596 Plate                   | 100      |
|             |       | 1695592 Shaft                   | 100      |
|             |       | 1695594 Rotor Kit               | 100      |
|             |       | 1695545 Rotor Kit               | 100      |
|             |       | 1502201 Hub 24 "                | 100      |
|             |       | 1588406 Screw                   | 500      |
|             |       | 362166 Nut                      | 500      |
|             |       | 1584340 Roller bearing          | 50       |
|             |       | 184088 Roller bearing           | 50       |
|             |       | 1587792 Seal ring               | 50       |
|             |       | 1581604 Screw                   | 500      |
|             |       | 1504951 Relay                   | 1000     |

**Spare Part Of Foden Cars**

| Code        | Des.                        | Qty./No. |
|-------------|-----------------------------|----------|
| 03-02-01244 | Clutch Disk                 | 30       |
|             | Cover Assy – Clutch         | 30       |
|             | Bearing Clutch              | 50       |
|             | Water Pump                  | 20       |
|             | Starter                     | 20       |
|             | Alternator                  | 20       |
|             | Clutch cover runing         | 20       |
|             | Regulator                   | 30       |
|             | Regulator                   | 30       |
|             | Oil pump                    | 15       |
|             | Nozzle                      | 30       |
|             | Nozzle holder               | 30       |
|             | Injection pump              | 10       |
|             | Head cylinder               | 10       |
|             | Crank shift                 | 10       |
|             | Fuel pump                   | 30       |
|             | Fuel pump                   | 50       |
|             | Radiator                    | 20       |
|             | Radiator                    | 20       |
|             | Universal joint             | 10       |
|             | Cross joint                 | 30       |
|             | Main bearing                | 30       |
|             | Bearing set connection      | 30       |
|             | Bearing for universal joint | 20       |
|             | Front glass                 | 20       |
|             | Relay                       | 50       |
|             | Relay                       | 50       |
|             | Belt                        | 60       |

|                          |     |
|--------------------------|-----|
| Impact absorb resistance | 30  |
| Back right light         | 100 |
| Back left light          | 100 |
| Hand sign                | 30  |
| Head lamp assy r.h.      | 100 |
| Head lamp l.h.           | 100 |
| Second front light r. h. | 100 |
| Second front light l.h.  | 100 |
| Compressor               | 20  |
| Horen                    | 50  |
| Horen                    | 50  |
| Gauge                    | 50  |
| Gauge                    | 20  |
| Gauge                    | 20  |
| Gauge                    | 20  |
| Gauge                    | 30  |
| Gauge                    | 30  |
| Water pump l.f.          | 10  |
| Side Wipper              | 200 |
| Middle wipper            | 200 |
| Valve                    | 200 |
| Vacume                   | 15  |
| Silender                 | 50  |
| Starter                  | 20  |
| Alternator               | 20  |
| Side mirror              | 100 |
| Fuel filter              | 200 |
| Oil filter               | 100 |
| Bearing                  | 50  |
| Plate                    | 20  |
| Pully                    | 20  |
| Circuler light           | 50  |
| Pully                    | 100 |
| Pump                     | 5   |
| Switch                   | 50  |
| Switch                   | 50  |
| Main switch              | 100 |
| Hydraulic plug           | 50  |
| Hydraulic plug           | 50  |
| Hydraulic plug           | 50  |
| Hydraulic plug           | 50  |
| Hydraulic plug           | 50  |
| Set Belt                 | 50  |
| Cover for fuel tank      | 50  |
| Radiator                 | 20  |
| Motor                    | 10  |
| Hydraulic motor          | 50  |
| Valve                    | 10  |
| Light                    | 50  |
| Hydraulic hose           | 50  |
| Wire seclator            | 50  |
| Bush                     | 50  |

| Code        | A. Spare Part Of Hino Cars KB 422 | Qty./No. |
|-------------|-----------------------------------|----------|
|             | Des.                              |          |
| 03-02-01245 | Clyinder head                     | 270      |
|             | Crank                             | 88       |
|             | Oil pump                          | 50       |
|             | Gasket                            | 100      |
|             | Compressor                        | 20       |
|             | Alternator                        | 120      |
|             | Startor                           | 95       |
|             | Ring Set                          | 100      |
|             | Bearing                           | 180      |
|             | Signal hand                       | 30       |
|             | Ring                              | 60       |
|             | Bearing                           | 180      |
|             | Vacum pump                        | 170      |
|             | Boostar                           | 50       |
|             | Injection. Pump                   | 100      |
|             | Element                           | 1000     |
|             | Front glass                       | 30       |
|             | Bush                              | 310      |
|             | Disc clutch                       | 170      |
|             | Cover assy -clutch                | 210      |
|             | Cylinder clutch master            | 205      |
|             | Piston for cylinder clutch        | 50       |
|             | Bearing clutch                    | 210      |
|             | Piston for engine                 | 310      |
|             | Engine gasket over haul           | 200      |
|             | Nozzel                            | 1000     |
|             | Feed pump                         | 100      |
|             | Pump base plat                    | 180      |
|             | Seal for vaccum pump              | 180      |
|             | Engine assy sub                   | 70       |
|             | Engine assy short                 | 35       |
|             | Water pump                        | 60       |

|                                 |    |
|---------------------------------|----|
| Impeller for water pump         | 50 |
| Cross joint                     | 30 |
| Plate for universal joint       | 45 |
| Air valve                       | 80 |
| Set of bush for com shaft       | 60 |
| Bush for connection rod         | 60 |
| Set of o-ring for cylinder bush | 80 |
| Front glass                     | 80 |

**B. Spare Part Of Hino Cars ZM model 1981**

| Code        | Des.                            | Qty./No. |
|-------------|---------------------------------|----------|
| 03-02-01246 | Cylinder head                   | 270      |
|             | Crank                           | 88       |
|             | Oil pump                        | 50       |
|             | Gasket                          | 100      |
|             | Compressor                      | 20       |
|             | Alternator                      | 120      |
|             | Stator                          | 95       |
|             | Ring Set                        | 100      |
|             | Bearing                         | 180      |
|             | Signal hand                     | 30       |
|             | Ring                            | 60       |
|             | Bearing                         | 180      |
|             | Vacuum pump                     | 170      |
|             | Booster                         | 50       |
|             | Injection. Pump                 | 100      |
|             | Element                         | 1000     |
|             | Front glass                     | 30       |
|             | Bush                            | 310      |
|             | Disc clutch                     | 170      |
|             | Cover assy -clutch              | 210      |
|             | Cylinder clutch master          | 205      |
|             | Piston for cylinder clutch      | 50       |
|             | Bearing clutch                  | 210      |
|             | Piston for engine               | 310      |
|             | Engine gasket over haul         | 200      |
|             | Nozzle                          | 1000     |
|             | Feed pump                       | 100      |
|             | Pump base plat                  | 180      |
|             | Seal for vacuum pump            | 180      |
|             | Engine assy sub                 | 70       |
|             | Engine assy short               | 35       |
|             | Water pump                      | 60       |
|             | Impeller for water pump         | 50       |
|             | Cross joint                     | 30       |
|             | Plate for universal joint       | 45       |
|             | Air valve                       | 80       |
|             | Set of bush for com shaft       | 60       |
|             | Bush for connection rod         | 60       |
|             | Set of o-ring for cylinder bush | 80       |
|             | Front glass                     | 80       |

**C. Spare Part Of Hino Cars KY model 1981**

| Code        | Des.                       | Qty./No. |
|-------------|----------------------------|----------|
| 03-02-01247 | Cylinder head              | 270      |
|             | Crank                      | 88       |
|             | Oil pump                   | 50       |
|             | Gasket                     | 100      |
|             | Compressor                 | 20       |
|             | Alternator                 | 120      |
|             | Stator                     | 95       |
|             | Ring Set                   | 100      |
|             | Bearing                    | 180      |
|             | Signal hand                | 30       |
|             | Ring                       | 60       |
|             | Bearing                    | 180      |
|             | Vacuum pump                | 170      |
|             | Booster                    | 50       |
|             | Injection. Pump            | 100      |
|             | Element                    | 1000     |
|             | Front glass                | 30       |
|             | Bush                       | 310      |
|             | Disc clutch                | 170      |
|             | Cover assy -clutch         | 210      |
|             | Cylinder clutch master     | 205      |
|             | Piston for cylinder clutch | 50       |
|             | Bearing clutch             | 210      |
|             | Piston for engine          | 310      |
|             | Engine gasket over haul    | 200      |
|             | Nozzle                     | 1000     |
|             | Feed pump                  | 100      |
|             | Pump base plat             | 180      |
|             | Seal for vacuum pump       | 180      |
|             | Engine assy sub            | 70       |
|             | Engine assy short          | 35       |
|             | Water pump                 | 60       |
|             | Impeller for water pump    | 50       |
|             | Cross joint                | 30       |

|                                 |    |
|---------------------------------|----|
| Plate for universal joint       | 45 |
| Air valve                       | 80 |
| Set of bush for com shaft       | 60 |
| Bush for connection rod         | 60 |
| Set of o-ring for cylinder bush | 80 |
| Front glass                     | 80 |

**Spare Part Of Kawsaky 70 , 80**

| Code        | p.No.         | Des.           | Qty./No. |
|-------------|---------------|----------------|----------|
| 03-02-01248 | YZ 1136102190 | Water pump     | 10       |
|             | YZ 1811000451 | stator         | 10       |
|             | YZ 1812001780 | Alter nator    | 10       |
|             | YZ 9822500720 | Cutt out       | 30       |
|             | YZ 9812009513 | Feed pump      | 60       |
|             | YZ 41201210   | Kit            | 50       |
|             | L010          | Kit            | 40       |
|             | YZ 1878181649 | Oil cooler     | 20       |
|             | YZ 1217000841 | Fan            | 10       |
|             | YZ 210609201  | Kit            | 40       |
|             | 822522        | Pump           | 5        |
|             | YK1161071100  | Pump           | 5        |
|             | YK 1189022105 | Valve          | 100      |
|             | YZ 1125510030 | Valve          | 100      |
|             | YZ 1125520030 | Air compressor | 55       |
|             | YZ 1191000621 | Lever          | 10       |
|             | 05C0151L000   | Control        | 10       |
|             | 05D0191L001   | Cylinder       | 10       |
|             | 53C0441L100   | Cylinder       | 10       |
|             | 53C0451L100   | Valve          | 10       |
|             | YTU38         | Transmisson    | 2        |
|             | RIF277T       | Torque         | 5        |
|             | YKY88271X     | Radiator       | 5        |
|             | YKY7071X      |                |          |
|             | YRS           |                |          |
|             | 407810000A    |                |          |

**Spare parts for toyota cars**

| Code        | Des.                            | p.No .      | Qty./No. |
|-------------|---------------------------------|-------------|----------|
| 03-02-01249 | <b>FOR SALOON CAR</b>           |             |          |
|             | <b>(Super MS 122 Engin 5M )</b> |             |          |
|             | Engin assembly                  |             | 140      |
|             | Block assy,short                | 11400-43030 | 150      |
|             | Gasket kit,overhaul             | 84111-43021 | 156      |
|             | Gasket kit,valve grind          | 04112-43021 | 50       |
|             | Cylinder Head                   | 11101-49305 | 156      |
|             | Bearing set Main STD            | 11702-45011 | 20       |
|             | Bearing set Main 0.25           |             | 30       |
|             | Bearing set Main 0.50           |             | 30       |
|             | Bearing set Main 0.75           |             | 30       |
|             | Bearing set Main 1.00           |             | 30       |
|             | Bearing set Con STD             |             | 30       |
|             | Bearing set Con 0.25            |             | 30       |
|             | Bearing set Con 0.50            |             | 30       |
|             | Bearing set Con 0.75            |             | 30       |
|             | Bearing set Con 1.00            |             | 30       |
|             | Piston set STD                  |             | 10       |
|             | Piston set 0.50                 |             | 20       |
|             | Piston set 0.75                 |             | 20       |
|             | Piston set 1.00                 |             | 20       |
|             | Ring set piston STD             |             | 30       |
|             | Ring set piston 0.50            |             | 30       |
|             | Ring set piston 0.75            |             | 30       |
|             | Ring set piston 1.00            |             | 30       |
|             | Crank shaft                     |             | 10       |
|             | Cam shaft                       |             | 131      |
|             | Gear- crank shaft               |             | 25       |
|             | Gear- cam shaft                 |             | 25       |
|             | Valve ,intake (set)             |             | 30       |
|             | Valve , Exbaust (set)           |             | 30       |
|             | Gear ,tention                   |             | 30       |
|             | Chain                           |             | 30       |
|             | Gear, pump drive shaft          |             | 20       |
|             | Ten sioner ,chain               |             | 20       |
|             | Damper                          |             | 30       |
|             | Damper                          |             | 30       |
|             | Pump assy,oil                   |             | 25       |
|             | Water pump                      |             | 131      |
|             | Coupling assy, fluid            |             | 131      |
|             | Alternator                      |             | 155      |
|             | Regulator                       |             | 20       |
|             | Starter                         |             | 151      |
|             | Clutch, starter                 |             | 139      |
|             | Caburator assy,                 |             | 145      |
|             | Cover assy,cluch                |             | 146      |
|             | Disc clutch                     |             | 146      |
|             | Bearing clutch                  |             | 146      |
|             | Cylind, master (clutch)         |             | 132      |

|                                 |     |
|---------------------------------|-----|
| Cylinder kit                    | 132 |
| Cylinder clutch release         | 116 |
| Cylinder kit                    | 116 |
| Transmission 5F,manual          | 140 |
| Bearing (Front Hub inner)       | 30  |
| Bearing (Front Hub outer)       | 30  |
| Hub, Frt wheel                  | 10  |
| Pump assy,vane                  | 155 |
| Gasket kit pwr/s                | 155 |
| Rod, Tie, Rh                    | 50  |
| Rod, Tie, Lh                    | 50  |
| Rod, Tie, Rh , Lh               | 139 |
| Arm ,steering idler             | 139 |
| Cylinder master , Brake         | 159 |
| Cylinder kit master,            | 159 |
| Carrier, differential           | 150 |
| Fuel pump                       | 164 |
| Bearing (Rear axle shaft)       | 30  |
| radiator                        | 180 |
| <b>Pick up(Engin 3y)</b>        |     |
| <b>YN 68L- PRMD 5V</b>          |     |
| <b>Trans/axle G52,G282</b>      |     |
| Engin partial                   | 104 |
| Short block                     | 104 |
| Gasket kit over haul            | 204 |
| Gasket kit ,valve drive         | 30  |
| Cylinder head                   | 101 |
| Gasket cylinder head            | 50  |
| Gasket head cover               | 50  |
| Gauge oil level                 | 10  |
| Bearing main STD                | 20  |
| Bearing main 0.25               | 20  |
| Bearing main 0.50               | 20  |
| Bearing main 0.75               | 20  |
| Bearing main 1.00               | 20  |
| Bearing Con Rod STD             | 20  |
| Bearing Con Rod 0.25            | 20  |
| Bearing Con Rod 0.50            | 20  |
| Bearing Con Rod 0.75            | 20  |
| Bearing Con Rod 1.00            | 20  |
| Piston w/pin STD                | 20  |
| Piston w/pin 0.50               | 20  |
| Piston w/pin 0.75               | 20  |
| Piston w/pin 1.00               | 20  |
| Ring set ,piston STD            | 40  |
| Ring set ,piston 0.50           | 40  |
| Ring set ,piston 0.75           | 40  |
| Ring set ,piston 1.00           | 40  |
| Rod connecting                  | 20  |
| Crank shaft                     | 10  |
| Pulley,crank                    | 5   |
| Cear, crank timing              | 25  |
| Gear ,cam shift                 | 25  |
| Bearing set ,cam shaft          | 50  |
| cam shaft                       | 10  |
| Valve, intake set               | 25  |
| Valve , Exhaust,set             | 25  |
| Lifter ,valve ,set              | 25  |
| Chain,                          | 30  |
| tensioner                       | 30  |
| Damper, chain                   | 30  |
| Oil pump                        | 30  |
| Pump water                      | 114 |
| Cap radiator                    | 50  |
| Spark plug, set NGK             | 150 |
| Coil , ignition ND              | 50  |
| Cord set                        | 50  |
| Alternator, w/outside Regulator | 134 |
| Regulator                       | 30  |
| starter                         | 134 |
| Clutch , starter                | 25  |
| carburator                      | 103 |
| Pump , fuel                     | 149 |
| Fuel filter                     | 200 |
| Cover clutch                    | 138 |
| Disc,clutch                     | 138 |
| Bearing clutch release          | 138 |
| Master cylinder clutch          | 99  |
| Cylin, kit, master cylinder     | 100 |
| Cyl. release                    | 99  |
| Cylinder kit                    | 100 |
| Tranmission , 5f                | 79  |
| Spider kit                      | 50  |
| Bearing ( axle shaft)           | 50  |
| Bearing , Frt, inner            | 50  |
| Bearing Frt outer               | 50  |
| End (Tie rod) RH                | 104 |



|                             |     |
|-----------------------------|-----|
| End (Tie rod) LH            | 104 |
| Rod ,Tie, LH,RH             | 104 |
| Rod ,steering relay         | 30  |
| Master cylinder ,brake      | 167 |
| Cyl. Kit( master cyl.)      | 100 |
| Booster, brake              | 131 |
| Ball joint upper            | 100 |
| Ball joint Lwr RH           | 50  |
| Ball joint Lwr LH           | 50  |
| Absorber shock , Frt        | 100 |
| Absorber shock Rear         | 100 |
| Bush lwr arm                | 100 |
| Bush upper arm              | 100 |
| Carrier assy – differential | 87  |
| Radiator                    | 118 |

**Pick up Engin 22R  
RN 85L- PRM55 V,  
Trans /axle G52 , G292**

|                             |     |
|-----------------------------|-----|
| Engin partial               | 108 |
| Short block                 | 108 |
| Gasket kit over haul        | 193 |
| Gasket kit ,valve drive     | 30  |
| Cylinder head               | 105 |
| Gasket cylinder head        | 50  |
| Gasket head cover           | 50  |
| Gauge oil level             | 10  |
| Bearing main STD            | 20  |
| Bearing main 0.25           | 20  |
| Bearing main 0.50           | 20  |
| Bearing main 0.75           | 20  |
| Bearing main 1.00           | 20  |
| Bearing Con Rod STD         | 20  |
| Bearing Con Rod 0.25        | 20  |
| Bearing Con Rod 0.50        | 20  |
| Bearing Con Rod 0.75        | 20  |
| Bearing Con Rod 1.00        | 20  |
| Piston w/pin STD            | 20  |
| Piston w/pin 0.50           | 20  |
| Piston w/pin 0.75           | 20  |
| Piston w/pin 1.00           | 20  |
| Ring set ,piston STD        | 40  |
| Ring set ,piston 0.50       | 40  |
| Ring set ,piston 0.75       | 40  |
| Ring set ,piston 1.00       | 40  |
| Rod connecting              | 20  |
| Universal joint             | 108 |
| Radiator                    | 111 |
| Crank shaft                 | 10  |
| Gear , crank shaft timing   | 25  |
| Gear cam shaft              | 25  |
| Cam shaft                   | 10  |
| Valve intake , set          | 25  |
| Valve Exhaust set           | 25  |
| Chain                       | 30  |
| Tensioner , chain           | 30  |
| Dumper No.1                 | 30  |
| Dumper No.2                 | 30  |
| Oil pump                    | 30  |
| Cover, timing               | 10  |
| Water pump                  | 101 |
| Distributor                 | 115 |
| Alternator 12V ,<br>45-50 A | 128 |
| Regulator outside           | 25  |
| Starter assy,               | 128 |
| Carburator                  | 118 |
| Pump assy , fuel            | 165 |
| Cover assy, clutch          | 153 |
| Disc assy clutch            | 153 |
| Bearing release, clutch     | 153 |
| Carrier assy, differential  | 87  |
| Transmission 5F             | 79  |
| Absorber, shock , Frt       | 50  |
| Absorber, shock , Rear      | 50  |
| Ball joint upper            | 30  |
| Ball joint Lwr RH           | 50  |
| Ball joint Lwr LH           | 50  |
| Booster brake               | 151 |

**Spare parts for Sakai**

| Code        | Des.             | p.No         | Type   | Qty./No |
|-------------|------------------|--------------|--------|---------|
| 03-02-01250 | Push rod inle    | 912575-0790  | DA120  | 60      |
|             | Fan asm          | 913660-2820  | Da 120 | 5       |
|             | Connrop-brg.se   | 912271-1460  | DA 640 | 60      |
|             | Bearing set –cen | 912271-6080  | 6 BDIT | 30      |
|             | Conn. Rob. Brg   | 912271- 1210 | DA120  | 75      |
|             | Pin piston       | 912211-6040  | 6 BDIT | 150     |
|             | Piston pin       | 912211 –0660 | DA640  | 60      |

|                    |                |            |     |
|--------------------|----------------|------------|-----|
| Pin piston         | 912211-0650    | DA120      | 75  |
| Bearing            | 911693 - 0350  | 6 BDOT     | 50  |
| Crank brg. Kit     | 911510-1360    | DA120      | 25  |
| Liner              | 911261 - 2880  | SV90T      | 60  |
| V- belt            | 113671 -1460   | DA640      | 100 |
| Pnnp assy          | 515750 -0010   | 6 BDOT     | 25  |
| Switch assy        | 581151 - 0360  | 6 BDOT     | 25  |
| Repair kit wate    | 587810 - 0980  | 6 BDOT     | 25  |
| Armature           | 181121-0070    | DA640      | 35  |
| Mageneti switch    | 181151 - 0470  | DA640      | 40  |
| Generator          | 181200- 205-0  | DA640      | 80  |
| Starter asm        | 181211- 0025   | DA120      | 10  |
| Rectifir assy      | 181219- 0330   | DA640      | 25  |
| = =                | 181219 -0210   | DA120      | 10  |
|                    | 187810-0902    | DA120      | 10  |
| Repair kit         | 187810- 1421   | DA620 +DA1 | 100 |
| = =                | 187810- 1638   | DA620 +DA1 | 50  |
| = =                | 187810-1636    | SV 90 T    | 25  |
| Cooler assy -oil   | 511280- 0080   | 6BD1T      | 10  |
| Pnmp assy -oil     | 213100 - 0901  | 6BD1T      | 25  |
| Liner cyl.         | 511261- 0130   | DA640      | 90  |
| Stortor assy       | 181211- 0310   | DA640      | 70  |
| Ring set piston    | 112121 - 0090  | DA640      | 120 |
| Rod ams - coun.    | 112230 - 0250  | DA120      | 50  |
| Pump assy          | 4700- 73000-0  | WM7708     | 5   |
| Loeker assy        | 4700 - 76003-0 | WM7708     | 10  |
| Relay              | 4900- 52000-0  | TS7409     | 5   |
| Relay assy         | 4900- 86000-0  | WM7708     | 10  |
| Regulator          | 4902-27000-0   | DA120      | 10  |
| Nead ams           | 111110-0230    | 6BDIT      | 5   |
| Nead ams cyl.      | 111110-3451    | DA640      | 10  |
| = = =              | 111110-0290    | DA640      | 10  |
| Gasket head        | 111141-0831    | DA640      | 50  |
| = =                | 111141-0902    | 6BDIT      | 50  |
| Cover assy         | 111170-9350    | 6BDIT      | 5   |
| Packing            | 111367 -067    | DA640-DA12 | 40  |
| Bearing kit        | 111510- 0360   | 6BDIT      | 50  |
| Piston s.t.d       | 112111-1221    | DA640      | 60  |
| = =                | 112111-1261    | DA120      | 60  |
| = =                | 112111-2401    | 6BDIT      | 200 |
| Pump               | 4203-92000-1   | SV60T      | 10  |
| Master syl.        | 4400-1500-0    | TS7409     | 5   |
| Repair lit         | 4400-1554-0    | TS7409     | 25  |
| Booster Assy       | 4400-16000-1   | TS7409     | 5   |
| Repair kit         | 4400-16061-0   | TS7409     | 10  |
| = =                | 4400-23008-0   | TS7409     | 50  |
| Radiator assy      | 4400-37000-0   | TS7409     | 5   |
| Master syl.        | 4400-67000-0   | TS7409     | 10  |
| Sylinder assy      | 4400-81010-0   | TS7409     | 10  |
| Bearing            | 4400-96000-0   | 740+WM770  | 20  |
| Plate assy         | 4401-15000-0   | = =        | 20  |
| Lever kit          | 4401-15010-1   | =          | 20  |
| Cleander assy      | 4401-46000-0   | WM7708     | 3   |
|                    | 4401 - 16000-0 | TS7409 +=  | 50  |
| Radiator           | 4401-56000-0   | =          | 13  |
| Rod ams conn       | 112230-0250    | DA120      | 40  |
| = = =              | 112230-0280    | DA640      | 100 |
| Crank shaft asm    | 112310-2310    | DA120      | 5   |
| = = =              | 112310-0940    | DA640      | 10  |
| = = =              | 112310- 4070   | 6BDIT      | 5   |
| Valve              | 112551 - 0240  | =          | 60  |
| Oil - pump         | 113100 - 0480  | DA640      | 5   |
| Water pump         | 113610 -1851   | 0          | 25  |
| = = assy           | 113610 - 3490  | 6BIT       | 10  |
| Gasket             | 114145 -0830   | =          | 20  |
| =                  | 114400 -0470   | DA640      | 25  |
| =                  | 1-114400-0721  | 6BDIT      | 5   |
| Gase ass - turb    | 114410-0030    | DA640      | 5   |
| Rotor ass - turb   | 1144450 -0030  | =          | 5   |
| Pump asm - inj.    | 115600-0362    | DA120      | 5   |
| Pump assy -inj.    | 115600-8470    | 6BDIT      | 15  |
| Printing pump assy | 11561- 0010    | 6BDIT-DA12 | 20  |
| Lement assy        | 121723 - 0192  | DA640      | 10  |
| Starter            | 181100-0432    | DA120+ DA6 | 30  |
| =                  | 181100- 1910   | 6BDIT      | 25  |
| Brush              | 181116 - 0430  | =          | 100 |
| Diff. Assy         | 4404 -88001-0  | SV90 T     | 2   |
| Redator assy       | 4404 -89000-1  | =          | 5   |
| = =                | 4404 -89001-1  | SV91 T     | 20  |
| Valve              | 4407 - 61001-5 | =          | 30  |
| Cooler - assy      | 4404 - 89009-0 | =          | 20  |
| Radiator assy      | 4407 - 82000-1 | =          | 5   |
| Canvas             | 4700 - 01000-0 | TS 7409    | 50  |
| =                  | 4700 - 03000-0 | WM7708     | 50  |
| Pump assy          | 4700 -10000-2  | TS7409     | 50  |
| Packing            | 4700-10028-0   | =          | 10  |
| Canvas             | 4700-65000-0   | SV90T      | 50  |

|                  |              |                  |     |
|------------------|--------------|------------------|-----|
| =                | 28150-1320   | TS740            | 20  |
| Switch assy      | 28150-1050   | =                | 25  |
| Motor assy       | 28100-1090   | =                | 25  |
| Generator assy   | 27020-1100   | WM7708           | 25  |
| Pump assy fuel   | 22560-1350   | DM100            | 25  |
| Plug - glow      | 982513-9282  | DM100            | 60  |
| Ring set         | 13011-1350   | DM100            | 50  |
| Bearing set -st  | 13201-1140   | DM100            | 25  |
| Piston s /s      | 13216-1120   | DM100            | 65  |
| Crank -shaft ass | 13400-1650   | DM100            | 5   |
| Gear assyidler   | 13505-1020   | DM100            | 5   |
| Rod sub -assy    | 13708-1070   | DM100            | 60  |
| Pump - assy      | 16100-1420   | DM100            | 5   |
| Fun sup-assy     | 16306-1510   | DM100            | 5   |
| Plug heater      |              | 19110 DM100      | 120 |
| Pump assy -fuel  | 22030-1070   | DM100            | 5   |
| Pump -priming    | 22509-1090   | DM100            | 25  |
| Bearing set -st  | 11701-1170   | DM100            | 25  |
| Liner cyl. Sys.  | 11467-1440   | DM100            | 120 |
| Generator        | 982200-4851  | DA120            | 20  |
| Clow plug        | 982511-9940  | DA640            | 120 |
| Feed pump ass    |              | 9813500611 DA640 | 30  |
| Injection        | 981200-09442 | DA640            | 25  |
| Piston           | 919161-0110  | DA120            | 10  |
| Air compressor   | 919100-0963  | DA120            | 5   |
| Screw            | 915345-0040  | DA120            | 30  |
| Seal ring        | 914149-6530  | DA640            | 20  |
| Gasket           | 915339-0560  | DA120            | 15  |
| Water outer      | 913711-3300  | DA640            | 5   |
| Gasket           | 914145-0530  | DA120            | 60  |
| Pump             | 4403-87000-0 | SV25             | 10  |
| Mission assy     | 0606-21001-0 | WM7708           | 1   |
| Mission assy     | 0759-21007-0 | TS7409           | 1   |
| Shawaclever assy | 0759-21008-0 | =                | 3   |
| Shaft assy       | 0759-39002-0 | =                | 3   |
| Plate            | 1026-21185-1 | WM7708           | 6   |
| Shaft            | 1726-21008-0 | =                | 1   |
| Control level    | 2409-00270-0 | =                | 5   |
| Roller chain     | 2440-14070-1 | TS7409           | 50  |
| Roller chain     | 2440-16076-1 | WM7708           | 15  |
| V - belt         | 2447-02041-0 | =                | 25  |
| V - belt         | 2447-12040-0 | SV90T            | 25  |
| Roller bearing   | 2513-32213-1 | TS7409           | 10  |
| Thermometer      | 2801-00100-0 | WM7708+4         | 25  |
| Speed meter      | 2806-00050-1 | TS7409           | 10  |
| Thermometer      | 2801-30100-1 | WM7708           | 80  |
| Starting switch  | 2820-0002-1  | SV91+SV90        | 80  |
| Starting switch  | 2820-0001-1  | SV25             | 20  |
| ì ã Ò ã ì        | 2820-0002-1  | WM7708           | 20  |
| Mirror           | 2874-00200-1 | WM7708           | 50  |
| Pattery termina  | 2891-00016-3 | WM7708+SV        | 100 |
| Bearing          | 3521-32001-0 | WM7708 + T       | 15  |
| Pump             | 4203-87000-0 |                  | 5   |
| Enginè assy      | 4020-00000-0 | DA640            | 5   |
| Water pump       | 16100-1161   |                  | 5   |

Spare parts mercedes cars

Code Des. Qty./N.  
03-02-01251 SALOON 300 sel model 1989 chassie wdb 1260241 a378562

|                         |    |
|-------------------------|----|
| Engine assembluy        | 26 |
| Transmission manuel     | 24 |
| Carrier differential    | 24 |
| Torque converter        | 29 |
| Starter                 | 31 |
| Alternator              | 31 |
| Cabrator assy           | 31 |
| Couplen Universal joint | 30 |
| Fuel pump               | 31 |
| Cylinder master brake   | 31 |
| Radiator                | 31 |
| Gasket kit over hual    | 30 |
| Front glasses           | 31 |
| Nozzel                  | 41 |
| Water pump              | 29 |
| Engine assembluy        | 26 |
| Transmission manuel     | 24 |
| Carrier differential    | 24 |
| Torque converter        | 29 |
| Starter                 | 31 |
| Alternator              | 31 |
| Cabrator assy           | 31 |
| Couplen Universal joint | 30 |
| Fuel pump               | 31 |
| Cylinder master brake   | 31 |
| Radiator                | 31 |
| Gasket kit over hual    | 30 |
| Front glasses           | 31 |

|            |    |
|------------|----|
| Nozzel     | 41 |
| Water pump | 29 |

**Spare parts for Honda salon cars**  
**(VIN- Km HVF 31 NPVU 390)**  
**HYUNDAL GLS ( VIN- KMHVF 31 NPSU 139)**  
**ENGIN 1500 CC 50 HC**

| Code        | Des.                         | P.no | Qty./No. |
|-------------|------------------------------|------|----------|
| 03-02-01252 | Engin assy, - sub            |      | 76       |
|             | Engin assy - short           |      | 75       |
|             | Gasket kit over haul         |      | 76       |
|             | Gasket kit valve grind       |      | 50       |
|             | Sensor -crank shaft          |      | 30       |
|             | Switch, oil pressure         |      | 50       |
|             | Knock sensor                 |      | 20       |
|             | Timing case, front           |      | 30       |
|             | Oil filter                   |      | 1000     |
|             | Oil seal , front timing case |      | 50       |
|             | Oil seal . rear engin        |      | 50       |
|             | Cylinder head                |      | 50       |
|             | Oil seal , cam shaft         |      | 50       |
|             | Sensor , hall                |      | 20       |
|             | Gasket- cyl. head            |      | 100      |
|             | Bearing set, main 0.25       |      | 20       |
|             | Bearing set, main 0.50       |      | 20       |
|             | Bearing set, main 0.75       |      | 20       |
|             | Bearing set, con 0.25        |      | 20       |
|             | Bearing set, con 0.50        |      | 20       |
|             | Bearing set, con 0.75        |      | 20       |
|             | Crank shaft                  |      | 10       |
|             | Sprocket- crank shaft        |      | 25       |
|             | Pully – dumper               |      | 10       |
|             | Ring set- piston STD         |      | 30       |
|             | Ring set- piston 0.25        |      | 30       |
|             | Ring set- piston 0.50        |      | 30       |
|             | Ring set- piston 0.75        |      | 30       |
|             | Piston and pin /set STD      |      | 15       |
|             | Piston and pin /set 0.25     |      | 15       |
|             | Piston and pin /set 0.50     |      | 15       |
|             | Piston and pin /set 0.75     |      | 15       |
|             | Piston and pin /set 1.00     |      | 15       |
|             | Plat -drive                  |      | 50       |
|             | Valve set exhauste           |      | 50       |
|             | Valve set intake             |      | 50       |
|             | Seal –valve stem\ set        |      | 50       |
|             | Cam shaft                    |      | 15       |
|             | Sprocket –cam shaft          |      | 10       |
|             | Belt –valve timing           |      | 500      |
|             | Pump coolant                 |      | 76       |
|             | Motor –radiator coolant fan  |      | 150      |
|             | Radiator                     |      | 75       |
|             | Filter air cleaner           |      | 300      |
|             | Sensor – air flow            |      | 75       |
|             | Pump – fuel                  |      | 151      |
|             | Filter – fuel                |      | 500      |
|             | Injector – fuel /set         |      | 50       |
|             | Sensor- throttle position    |      | 75       |
|             | Switch ,throttle body idle   |      | 30       |
|             | Spark plag (a) set           |      | 2000     |
|             | Coil - ignition              |      | 151      |
|             | Cable set – spark plug       |      | 250      |
|             | Starter motor MTA            |      | 76       |
|             | Starter motor ATA            |      | 25       |
|             | Switch starter               |      | 50       |
|             | Clutch –over running         |      | 50       |
|             | Armature, starter            |      | 25       |
|             | Holder – brush               |      | 50       |
|             | Generator -assy              |      | 41       |
|             | Bearing –Gen –Front          |      | 50       |
|             | Rotor –Gen                   |      | 20       |
|             | Starter –Gen                 |      | 30       |
|             | Bearing –Gen -rear           |      | 50       |
|             | Rectifire –Gen               |      | 50       |
|             | Regulator                    |      | 50       |
|             | Disc –clutch                 |      | 200      |
|             | Cover assy,clutch            |      | 200      |
|             | Bearing-clutch release       |      | 200      |
|             | Fork -release                |      | 75       |
|             | Cylinder –clutch master      |      | 76       |
|             | Cylinder kit                 |      | 500      |
|             | Cylinder clutch release      |      | 76       |
|             | Trans axle –manual           |      | 35       |
|             | Trans axle-automatic         |      | 36       |
|             | Cable shift                  |      | 50       |
|             | Torque converter             |      | 76       |
|             | Seal kit trans/auto          |      | 50       |
|             | Disc –front clutch           |      | 200      |

|                            |     |
|----------------------------|-----|
| Disc - rear clutch         | 200 |
| Band                       | 50  |
| Bearing – front wheel /hub | 50  |
| Hub –front wheel           | 50  |
| Disc –front wheel          | 50  |
| Ball joint                 | 100 |
| Shock absorber ,front      | 100 |
| Shock absorber ,rear       | 100 |
| Pump steering              | 41  |
| End ,tie rod               | 100 |
| Caliper ,RH ,brak          | 10  |
| Caliper ,LH ,brak          | 10  |
| Seal kit , caliper         | 200 |
| Cylinder ,master brake     | 76  |
| Seal kit , master          | 200 |
| Booster ,brake             | 10  |
| Lamp assy rear , LH        | 25  |
| Lamp assy rear , RH        | 25  |
| Head lamp assy LH          | 25  |
| Head lamp assy RH          | 25  |
| Control module, ATA        | 10  |
| Computer assy, ECM engin   | 10  |
| Map sensor                 | 75  |
| Relay , ECM control        | 50  |
| Drive shaft ,LH,RH         | 127 |
| Front glass                | 125 |

**Spare parts for oldes mobil cars**

| Code        | Des.                    | p.No. | Qty./No. |
|-------------|-------------------------|-------|----------|
| 03-02-01253 | Engin assy –sub         |       | 69       |
|             | Cylinder –block ,short  |       | 62       |
|             | Piston set ,STD         |       | 29       |
|             | Piston set ,0.50        |       | 29       |
|             | Ring set piston STD     |       | 54       |
|             | Ring set piston 0.50    |       | 54       |
|             | Bearing main ,set STD   |       | 25       |
|             | Bearing main ,set 0.25  |       | 25       |
|             | Bearing main ,set 0.50  |       | 25       |
|             | Bearing main ,set 0.75  |       | 25       |
|             | Bearing set , con STD   |       | 25       |
|             | Bearing set , con 0.25  |       | 25       |
|             | Bearing set , con 0.50  |       | 25       |
|             | Bearing set , con 0.75  |       | 25       |
|             | Crank shaft             |       | 10       |
|             | Sprocket , crank shaft  |       | 15       |
|             | Sprocket , cam shaft    |       | 15       |
|             | Damper ,chain           |       | 25       |
|             | Chain , timing          |       | 30       |
|             | Cam shaft               |       | 10       |
|             | Valve ,Ex set STD       |       | 25       |
|             | Valve ,In set ,STD      |       | 25       |
|             | Lifter ,hydro set       |       | 20       |
|             | Gasket-(head)           |       | 54       |
|             | Gasket kit –overhaul    |       | 93       |
|             | Gasket kit –valve grind |       | 29       |
|             | Oil pump                |       | 25       |
|             | Tensinsor ,chain        |       | 25       |
|             | Mount ,engin front      |       | 50       |
|             | Mount , trans RR        |       | 50       |
|             | Mount trans FR          |       | 50       |
|             | Head cyl inder          |       | 47       |
|             | Bushing –cam shaft      |       | 50       |
|             | Spark plug set          |       | 50       |
|             | ECM                     |       | 56       |
|             | Coil –ignition          |       | 100      |
|             | Wire –HT set            |       | 80       |
|             | Module –ignition        |       | 114      |
|             | TPS sensor              |       | 67       |
|             | Map sensor              |       | 52       |
|             | I.A.C. motor            |       | 71       |
|             | Coolant temp sensor     |       | 52       |
|             | Crank sensor            |       | 60       |
|             | Relay –fuel pump        |       | 20       |
|             | Relay –coolant fant     |       | 20       |
|             | Relay-AIC               |       | 20       |
|             | alternator              |       | 80       |
|             | Starter motor           |       | 75       |
|             | Motor – coolant         |       | 73       |
|             | Fuel pump –electric     |       | 88       |
|             | In line fuel filter     |       | 50       |
|             | Injector –fuel set      |       | 80       |
|             | Master –cylinder brake  |       | 15       |
|             | Seal kit –master cyl.   |       | 100      |
|             | Pump –power steering    |       | 36       |
|             | Gear housing –powerls   |       | 35       |
|             | Trans axle AIT          |       | 54       |

|                              |     |
|------------------------------|-----|
| Torque convertor             | 74  |
| Absorber – front             | 50  |
| Shock absorber -rear         | 50  |
| Insulator, front shock       | 50  |
| Insulator, rear shock        | 50  |
| Water pump                   | 81  |
| Siprentin belt               | 100 |
| Belt tensioner               | 10  |
| Front wheel hub with bearing | 186 |
| rear wheel hub with bearing  | 186 |
| Front drive shaft LH         | 25  |
| Front drive shaft RH         | 25  |
| Radiator                     | 69  |
| AC compressor                | 10  |

**Spare parts for chevrolet ( G.M.C)**

| Code        | Des.                            | Qty./No. |
|-------------|---------------------------------|----------|
| 03-02-01254 | Engine assembly                 | 65       |
|             | Transmission manual             | 65       |
|             | Carrier differential            | 55       |
|             | Universal joint                 | 81       |
|             | Starter                         | 73       |
|             | Alternator                      | 73       |
|             | Cabrator assy                   | 75       |
|             | Cover assy , clutch             | 85       |
|             | Disc clutch                     | 85       |
|             | Bearing (clutch release )       | 85       |
|             | Delco                           | 75       |
|             | Fuel pump                       | 93       |
|             | Pump assy ,vane                 | 43       |
|             | Cylinder master brake           | 68       |
|             | Power brake                     | 73       |
|             | Radiator                        | 79       |
|             | Gasket kit ,overhaul            | 113      |
|             | Cylinder head                   | 57       |
|             | Water pump                      | 70       |
|             | Cross joint                     | 141      |
|             | Cylinder master clutch with kit | 128      |
|             | Cylinder master clutch with kit | 128      |

**Spare parts for Land cruiser**

| Code        | Des.                            | Qty./No. |
|-------------|---------------------------------|----------|
| 03-02-01255 | Engine assembly                 | 65       |
|             | Transmission manual             | 65       |
|             | Carrier differential            | 55       |
|             | Universal joint                 | 81       |
|             | Starter                         | 73       |
|             | Alternator                      | 73       |
|             | Cabrator assy                   | 75       |
|             | Cover assy , clutch             | 85       |
|             | Disc clutch                     | 85       |
|             | Bearing (clutch release )       | 85       |
|             | Delco                           | 75       |
|             | Fuel pump                       | 93       |
|             | Pump assy ,vane                 | 43       |
|             | Cylinder master brake           | 68       |
|             | Power brake                     | 73       |
|             | Radiator                        | 79       |
|             | Gasket kit ,overhaul            | 113      |
|             | Cylinder head                   | 57       |
|             | Water pump                      | 70       |
|             | Cross joint                     | 141      |
|             | Cylinder master clutch with kit | 128      |
|             | Cylinder master clutch with kit | 128      |

**Spare parts for EVA lory**

| Code        | Item. | p.No. | Des. | Qty./No. |
|-------------|-------|-------|------|----------|
| 03-02-01256 |       |       |      | L.S      |

**Spare parts for WAZ LORY**

| Code        | Item. | p.No. | Des. | Qty./No. |
|-------------|-------|-------|------|----------|
| 03-02-01257 |       |       |      | L.S      |

**SECTION( 42)**

**Traffic Light Equipment**

| Code No.    | Description   | Qty./No.          |
|-------------|---|-------------------|
| 03-02-01258 | controlled of intersections by traffic light system | 300 intersections |
|             | each intersection include the following item :      |                   |
|             | Item  | Qty.              |
|             | 1. traffic light controller                         | 1                 |
|             | 2. signal head 3-aspect 300 mm                      | 10                |
|             | 3. pole in 3.7m length                              | 9                 |
|             | 4. pole with cantilever with arm of 5.5 m           | 1                 |
|             | 5. cable size 3x6 mm2                               | 100m              |
|             | 6. cable size 5x1.5 mm2                             | 500m              |
|             | 7. halogen lamp 10V/50W (phillips)                  | 200               |
|             | 8. lithium battery                                  | 4                 |
|             | 9. lenses 300mm                                     | 6                 |

|  |       |
|--|-------|
| 10. transformers 220V-10V                | 4     |
| 11. spare parts set for above controller | 1 set |

**SECTION 43**  
**Lifting crane**

| Code        | Description   | Qty/No. |
|-------------|---|---------|
| 03-02-01259 | Lifting crane two cabinet diesel enging,<br>1100 x 20 tyers size , 2 No. of battries , 135<br>am 4No. jack with spare parts . |         |
|             | capacity 20 ton   | 100     |
|             | capacity 30 ton   | 100     |
|             | capacity 50 ton   | 100     |
|             | total   | 300     |

**SECTION 44**  
**Spare Part For Mosul Water Treatment Plants**  
**Spare part for mosul (left side) w.t.p**

| Code        | Spare part for mosul (left side) w.t.p |  | Item Description  | Qty/No. |
|-------------|--|--|---|---------|
| 03-02-01260 | 1.1                                    |  | ASEA contactor, EH 9-10, lec 158-1,<br>Vdelta E 0660, AC3 220 , 380 V,<br>lth=25A, SK 812 003 for electrical<br>generator 1250 K.V.A  | 2       |
| 03-02-01261 | 1.2                                    |  | ASEA contactor, EH 6-22E, lec 337-1,<br>Vdelta E 0660, AC11 110-220 , 380 V,<br>lth=25A, SK 811 023 for electrical<br>generator 1250 K.V.A  | 2       |
| 03-02-01262 | 1.3                                    |  | ASEA flag relay, 5615 453-D, N=11000,<br>D=0, 132 mm, R=460 OHM., RxsF 1, RK<br>271-003-AD for electrical generator<br>1250 K.V.A   | 4       |
| 03-02-01263 | 1.4                                    |  | ASEA relay, RASA 4, RK861-001-BA,<br>u1=u2, 110-120, V/220-240 V, 50-60<br>HZ., Df2 HZ. for electrical generator<br>1250 K.V.A  | 4       |
| 03-02-01264 | 1.5                                    |  | Spare parts for vertical cetrifugal pump,<br>type HA 500/64-15, HALBERG<br>registration No. PGG 14192/99-5, No. of<br>relevant sectional drawing 127 5489-26-<br>0104, Q=2200 m3/hr, H=40 m as per<br>attached sheet. Supplier, HALBERG,<br>Maschinen bau GmbH, Telex: 484833,<br>SWE |         |
| 03-02-01265 | 1.5.1                                  |  | Bearing centre sleeve, part No.(54.00<br>)Dimension (TM 80 ) Material ( C45 N)  | 8       |
| 03-02-01266 | 1.5.2                                  |  | Bearing bush. part ( 54.50 ). Dimension<br>(109/127x100). Material ( Silicon-Carbid)  | 100     |
| 03-02-01267 | 1.5.3                                  |  | Deflector. Part NO. ( 50.10 ). Dimension<br>( 00/146x16). Material ( ULTRAMID )   | 4       |
| 03-02-01268 | 1.5.4                                  |  | Impiller. Part NO. ( 23.00 ). Dimension<br>(LA667x77 ). Material (1.4408 )  | 8       |
| 03-02-01269 | 1.5.5                                  |  | Shaft screw. Part NO.( 90.42 ).<br>Dimension ( M10x20 ). Material ( A4-70)  | 200     |
| 03-02-01270 | 1.5.6                                  |  | Shaft sleeve. Part NO.(52.30).Dimension<br>( 91/109x100 ). Material (Silicon -Carbid<br>)   | 150     |
| 03-02-01271 | 1.5.7                                  |  | Shaft sleeve. Part NO.(52.40 ).<br>Dimension (A86/95x170 ). Material<br>(1.4021.05 )  | 8       |

**SECTION 45**  
**UPVC Pipes & fittings**  
**for maintenance of the networks**

| Code        | Description   | Qty         |
|-------------|---|-------------|
| 03-02-01272 | Supplying U.P.V.C pipes ( 315 ) mm dia. of<br>tyton-joint with rubber rings. 10 bar                     | 250000 m.l  |
| 03-02-01273 | Ditto but ( 280 )mm. dia. 10 bar  | 500000 m.l  |
| 03-02-01274 | Ditto but ( 225 )mm. dia. 10 bar  | 1000000m.l  |
| 03-02-01275 | Ditto but ( 160 )mm. dia. 10 bar  | 2000000 m.l |
| 03-02-01276 | Ditto but ( 110 )mm. dia. 10 bar  | 3000000 m.l |
| 03-02-01277 | Ditto but ( 90 )mm. dia. 10 bar   | 20000 m.l   |
| 03-02-01278 | Supplying U.P.V.C pipes ( 400 ) mm dia. of<br>tyton-joint with rubber rings. 6 bar                      | 200000 m.l  |
| 03-02-01279 | Holes drill machine for diameter 1/2", 3/4" ,1"<br>to drill the upvc pipes complete with<br>accessories | 200 No.     |
| 03-02-01280 | 1- All socket tees complets with eubber rings.<br>10 bar for dia (315x315)mm                            | 2000 No.    |
| 03-02-01281 | 2- Ditto for dia (315x280)mm  | 2000 No.    |
| 03-02-01282 | 3- Ditto for dia (315x225)mm  | 2000 No.    |
| 03-02-01283 | 4- Ditto for dia (315x160)mm  | 2000 No.    |
| 03-02-01284 | 5- Ditto for dia (315x110)mm  | 2000 No.    |

|             |  |           |
|-------------|--|-----------|
| 03-02-01285 | 6- Ditto for dia (280x280)mm   | 2000 No.  |
| 03-02-01286 | 7- Ditto for dia (280x225)mm   | 2000 No.  |
| 03-02-01287 | 8- Ditto for dia (280x160)mm   | 2000 No.  |
| 03-02-01288 | 9- Ditto for dia (280x110)mm   | 2000 No.  |
| 03-02-01289 | 10- Ditto for dia (225x225)mm  | 1000 No.  |
| 03-02-01290 | 11- Ditto for dia (225x160)mm  | 1000 No.  |
| 03-02-01291 | 12- Ditto for dia (225x110)mm  | 1000 No.  |
| 03-02-01292 | 13- Ditto for dia (225x90)mm   | 100 No.   |
| 03-02-01293 | 14- Ditto for dia (160x160)mm  | 1000 No.  |
| 03-02-01294 | 15- Ditto for dia (160x110)mm  | 1000 No.  |
| 03-02-01295 | 16- Ditto for dia (160x90)mm   | 100 No.   |
| 03-02-01296 | 17- Ditto for dia (110x110)mm  | 1000 No.  |
| 03-02-01297 | 18- Ditto for dia (110x90)mm   | 100 No.   |
| 03-02-01298 | 19- Ditto for dia (90x90)mm  | 50 No.    |
|             | Two end socket bend complete with rubber rings(10)bar as below:  |           |
| 03-02-01299 | 1-900 bend for 315 mm dia  | 150 No.   |
| 03-02-01300 | 2- 450 bend for 315 mm dia   | 150 No.   |
| 03-02-01301 | 3- 221/2 bend for 315 mm dia   | 100 No.   |
| 03-02-01302 | 4- 900 bend for 280mm dia  | 200 No.   |
| 03-02-01303 | 5- 450 bend for 280 mm dia   | 150 No.   |
| 03-02-01304 | 6- 221/2 bend for 280 mm dia   | 100 No.   |
| 03-02-01305 | 7-900 bend for 225 mm dia  | 1000 No.  |
| 03-02-01306 | 8- 450 bend for 225mm dia  | 1000 No.  |
| 03-02-01307 | 9- 221/2 bend for 225 mm dia   | 750 No.   |
| 03-02-01308 | 10-900 bend for 160 mm dia   | 1000 No.  |
| 03-02-01309 | 11- 450 bend for 160mm dia   | 1000 No.  |
| 03-02-01310 | 12-900 bend for 110 mm dia   | 2000 No.  |
| 03-02-01311 | 13- 450 bend for 110mm dia   | 1000 No.  |
| 03-02-01312 | Supplying ( 1000) mm dia UPVC socket and spigat pipe with rubber joint,according to the requirements of DIN 8061, 8062,and 19532 for working pressare of 6 bar | 56000 ml  |
| 03-02-01313 | Ditto (900)mm dia  | 120000 ml |
| 03-02-01314 | Ditto (800)mm dia  | 220000 ml |
| 03-02-01315 | Ditto (700)mm dia  | 300000 ml |
| 03-02-01316 | Ditto (600)mm dia  | 400000 ml |
| 03-02-01317 | Ditto (500)mm dia  | 310000 ml |
| 03-02-01318 | Ditto (400)mm dia  | 220000 ml |
| 03-02-01319 | Ditto (300)mm dia  | 70000 ml  |
| 03-02-01320 | Ditto (250)mm dia  | 81000 ml  |
| 03-02-01321 | Ditto (200)mm dia  | 150000 ml |
| 03-02-01322 | Ditto (150)mm dia  | 30000 ml  |
| 03-02-01323 | Ditto (100)mm dia  | 150000 ml |
| 03-02-01324 | Ditto (80)mm dia   | 1000 ml   |
| 03-02-01325 | Ditto (50)mm dia   | 2000 ml   |
| 03-02-01326 | Supplying ( 200 x 100) mm dia UPVC tee junction 76 bar   | 8000 No.  |
| 03-02-01327 | Ditto ( 250 x 100 )mm dia  | 5000 No   |
| 03-02-01328 | Ditto ( 300 x 100 )mm dia  | 1000 No   |
| 03-02-01329 | Ditto ( 100 x 500 )mm dia  | 500 No    |
| 03-02-01330 | Ditto ( 100 x 600 )mm dia  | 500 No    |
| 03-02-01331 | Ditto ( 200 x 250 )mm dia  | 1000 No.  |
| 03-02-01332 | Ditto ( 500 x 400 )mm dia  | 500 No    |
| 03-02-01333 | Ditto ( 500 x 600 )mm dia  | 500 No    |
| 03-02-01334 | Stoppers ( 100) mm dia   | 50000 No  |
| 03-02-01335 | Ditto ( 150 )mm dia  | 25000 No  |
| 03-02-01336 | Heavy duty covers manholes 550 mm dia  | 30000 No  |
| 03-02-01337 | Ditto but ( 600 x 900) mm dia  | 20000 No  |
| 03-02-01338 | Glvanized steel pipe (6m)and diameter (160)mm ventilating columns with the fittings up   | 5000 No   |
| 03-02-01339 | Ditto but (200)mm diameter   | 3000 No   |
| 03-02-01340 | UPVC tee janchon pipes (400 x 100)mm dia   | 1000 No   |
| 03-02-01341 | Ditto ( 200 x 150 )mm dia  | 4000 No   |
| 03-02-01342 | Ditto ( 250 x 150 )mm dia  | 10000 No  |
| 03-02-01343 | Ditto ( 300 x 150 )mm dia  | 3000 No   |
| 03-02-01344 | Ditto ( 400 x 150 )mm dia  | 3000 No   |
| 03-02-01345 | Ditto ( 500 x 150 )mm dia  | 3000 No.  |
| 03-02-01346 | Ditto ( 600 x 150 )mm dia  | 300 No    |
| 03-02-01347 | Ditto ( 150 x 150 )mm dia  | 4000 No   |

**SECTION 46  
FIRE EXTINGUISHER FOAM**

| Code        | Description                                   | Qty (litter) |
|-------------|---|--------------|
| 03-02-01348 | 1- Using For Fire Fighting Type (A,B,C).fires | 1000000      |

**SECTION 47  
EQUIPMENT FOR COMPRESSED AIR**

| Code        | Description   | Qty |
|-------------|---|-----|
| 03-02-01349 | Filling compressed air apparatus:-<br>1- Designed to fill (charge ) breathing cylinders apparatus.<br>2- charching pressure should be no less than 200 bar. | 40  |



3- the apparatus should be working by electric motor no less than 2700 rpm . ( three phases ) .

4- equipped with moisture and dust filters .

5- equipped with pressure meters to check outer cylinder .

03-02-01350

Automatic multipurpose filling station to fill all kind of fire extinguishers :

The unit must be complete with the following sections :-

1. Automatics dry powder filling unit sucks the powder from any container and fill directly in to the extinguishers without making dust .

- Working 1.5 Kw , 220V 50HZ , filling capacity 30 extinguishers 12 Kg per hour . Able to fill all kind of fire extinguisher with different capacities from 1kg up to 150 kg with different adaptors

2. CO2 high pressure pump to transfer CO2 from the main cylinder to the fire extinguishers works with external cartridge .

- Delivery 8Kg per mm. maximum pressure 100bar , working 1.5Kw 220V 50Hz .

Provided with pressure switch that automatically stops the pump when the right pressure is reached high -pressure safety valve.

3. Air compressor 3Cl. Capacity , max working pressure 16 bar , delivers of air 150 lt. Per mm. .

- Working 1,5 Kw , 220V 50Hz.

4. Manual clamp to hold the fire extinguishers to be able to

mount and dismount valves to make maintenance .

- Pressure of piston operated by 600Kg compressed air .

different shelves to adjust the base to the required height of the extinguishers needs to be required .

- Safety door with lock and safety device , to release

pressure when the door will be opened .

5. Main controller panel to control all above machinery

with safety overload and relay .

6.CO2 cartridge filling head to refill many type of CO2 cartridges in the market .

- Feed directly from the above CO2 pump .

Provided with adaptors to be change according to the cartridge size .

7. Electrical balances with the following characteristics .

a- for fire extinguishers of 1 SC Kg load and 10 gr. Division

b- for internal cartridge 30 Kg load and 10 gr. Division .

Possibility to set the trace weights and read directly the net

weight on the display .

8. Hydrostatic test pump for hydraulic test of different kinds of cylinders from 10bar up to 250bar .

- Equipped with :- manometer to control the test pressure ,pressure reducer to calibrate the test pressure and interception valves to control the flow of the water .

- The pump is working by hydro-pneumatic system with the working pressure of 10bar in the air and 300bar in the water .

Many adaptors Able to test Many kinds of different fire

extinguishers i.e. powder , CO2 , foam , halon1 Etc. .

9. The unit is supplied with complete set of hoses and adaptors to connect many kind of fire extinguishers from the unit to the extinguisher itself.

40

**SECTION 48  
LAND CRUSIER**

Code  
03-02-01351

Description  
Land crusier with 4 doors & spare parts

Qty/No.

2000

|             |   |      |
|-------------|---|------|
| 03-02-01352 | Land cruiser with 2 doors & spare parts | 500  |
|             | TOTAL                                   | 2500 |

**SECTION 49**  
**Fuel tanker**

| Code        | Description         | Qty/No. |
|-------------|---------------------|---------|
| 03-02-01353 | Fuel tanker 16000 L | 400     |
|             | Total               | 400     |

**SECTION 50**  
**Command fire fighting vehicle**

| Code        | Description                   | Qty /No. |
|-------------|-------------------------------|----------|
| 03-02-01354 | Command fire fighting vehicle | 100      |

**Section ( 51 )**  
**Road Marking Machines**

| Code No.    | Description  | Qty. |
|-------------|--|------|
| 03-02-01355 | Road marking machines ( large size )<br>complete and ready for operation . | 30   |
| 03-02-01356 | Road marking machines (middle size )<br>complete and ready for operation . | 25   |

**Section ( 52 )**  
**Traffic Safety Materials**

| Code No.    | Description   | Qty.    |
|-------------|---|---------|
| 03-02-01357 | road studs ( reflective pavement marker )<br>size 10 x 10 x1.75 cm , both faces are<br>reflective in the same color :         |         |
|             | A. white color .  | 30000   |
|             | B. yellow color .   | 120000  |
| 03-02-01358 | road studs ( reflective pavement marker )<br>size 10 x 10 x1.75 cm , one face in reflective<br>for one directional viewing :  |         |
|             | A. white color .  | 15000   |
|             | B. yellow color .   | 30000   |
| 03-02-01359 | road studs ( reflective pavement marker )<br>size 22 x 10 x4.5 cm , both faces are<br>reflective in the same color :          |         |
|             | A. white color .  | 15000   |
|             | B. yellow color .   | 75000   |
| 03-02-01360 | road studs ( reflective pavement marker )<br>size 22 x 10 x4.5 cm ,one face reflective :                                      |         |
|             | A. white color .  | 7500    |
|             | B. yellow color .   | 30000   |
| 03-02-01361 | conventional epoxy adhesive ( one or tow -<br>component ) required to sticks and firmly to<br>pavement of the above mentioned | 700 Kg. |
| 03-02-01362 | Cones made of reflective material in two color<br>( red and white ) used for safety in road<br>operation :                    |         |
|             | A. cones with height of 70 cm .   | 1500    |
|             | B. cones with height of 70 cm .   | 1500    |

**Section ( 53 )**  
**spare parts for existing traffic light controllers**

**Spare parts for traffic light controller type MPC/2408-16-24/futurit (Austria)**

| Code No.    | Description  | Qty. |
|-------------|--|------|
| 03-02-01363 | Processor card CA                                      | 60   |
|             | Input / output card ICO1                               | 60   |
|             | Input / output card ICO2                               | 45   |
|             | Data memory C100 , C210                                | 45   |
|             | Triger pulse unit TPU , TPC                            | 150  |
|             | Oscillator card CMOC                                   | 150  |
|             | Fault memory CMMC                                      | 90   |
|             | Logic card CMLC  | 60   |
|             | contractor KV  | 45   |
|             | contractor KR  | 45   |
|             | Lamp switch LSU  | 300  |
|             | control card program CCL                               | 120  |
|             | Fuses F 6.3 A  | 1200 |
|             | Hand held terminal (HHTTY) for controller<br>type FMTC | 2    |

**Spare Parts For Traffic Light Controller Type AD 520 / 16 Philips**

| Code No.    | Description  | Qty. |
|-------------|--|------|
| 03-02-01364 | System control and interface unite SCIU (<br>code no. 9586-127-08100 ) | 10   |
|             | Processor board PB80 (9586-141-88010)                                  | 20   |
|             | Conflict monitor unit CMU (9586-127-00310 )                            | 16   |
|             | Flasher unit 2F(9586-952-02100)  | 12   |
|             | Flash transfer unit FTUMK2 (9586-126-<br>01750)                        | 8    |
|             | Power supply unit 1823- 5/5/24 PSU -<br>5/5/24(9586-912-02010)         | 20   |
|             | Transformer unit 1829-9 TR9 (9586-912-<br>01010)                       | 4    |

Transformer unit 1830-9 TRU(9586-912-01210) 6

| Code No.   | Description  | Qty. |
|--|--|------|
| Spare Parts For Traffic Light Controller Type AD 570 /16 Philips (Holland) |  |      |
| 03-02-01365  | System control and diagnostics SCD (code no. 9586-129-01100) | 12   |
|  | Processor road PB80-2 (9586-141-88200)                       | 20   |
|  | Aspect monitoring and diagnostics 8 AMDS (9586-129-00100)    | 20   |
|  | Presence detector 86 AA205 (9584-813-09710)                  | 6    |
|  | Power supply unit 5 and 5V PSU 5/5/0.3 (9586-129-04100)      | 20   |
|  | Power supply unit 8V PE 1806/20 (9586-912-02211)             | 16   |
|  | Power supply unit 5V PE 1112/10(9415-011-12011)              | 20   |
|  | Power supply unit 24V PE 1114/01 (9415-011-14011)            | 20   |
|  | Input/Output timer /RAM board 10TR (9586-127-24100)          | 12   |
|  | Detector power supply DPS24V                                 | 8    |
|  | Filter Z11   | 8    |
|  | Band 1 T Roll ¾  | 80   |
|  | Band 1 T Buckles ¾   | 2500 |
|  | Band 1 T Tool  | 10   |
|  | Hand held telype (HHTTY)                                     | 5    |

**Section - 54**  
**Spareparts For Road Marking**  
**Machine Type ( Zindel Universal - 21 )**

| Code No.    | Description                            | Qty. |
|-------------|--|------|
| 03-02-01366 | Bulb set cp1. With bilux               | 50   |
|             | Bulb set f. working lamps              | 50   |
|             | Bulb set f. beacon lamps               | 50   |
|             | Glass f. beacon lamps                  | 50   |
|             | Fuses ( 8, 16, 25A )                   | 2000 |
|             | Electric control switch                | 10   |
|             | Head lamp glass , left                 | 50   |
|             | Head lamp glass , right                | 50   |
|             | Blinker glass left                     | 50   |
|             | Blinker glass right                    | 50   |
|             | Blinker CPI. left                      | 30   |
|             | Blinker CPI. Right                     | 30   |
|             | Rear lamp CPI. left                    | 30   |
|             | Rear lamp CPI. Right                   | 30   |
|             | Wiper balde                            | 100  |
|             | Wiper arm                              | 100  |
|             | Rear view mirror                       | 100  |
|             | Tank cover                             | 300  |
|             | Inter come system                      | 50   |
|             | carrier wheel CPI                      | 200  |
|             | Type f. suoot                          | 50   |
|             | Wheel ( Aiming device )                | 50   |
|             | Type f. support wheel                  | 200  |
|             | ( Aiming device )                      | 30   |
|             | Type for mercedes                      | 30   |
|             | Wiper motor .                          | 50   |
|             | Support wheel CPI. ( Aiming device ) . | 30   |
|             | Container f. brake fluid               | 80   |
|             | Main brake cylinder .                  | 80   |
|             | Differential gear f. rear axle .       | 80   |
|             | Exterior front wheel                   | 80   |
|             | Bearing                                | 80   |
|             | Speedo meter cable .                   | 20   |
|             | Ignition switch                        | 40   |
|             | Air filter insert                      | 500  |
|             | Oil filter insert .                    | 500  |
|             | fuel pump .                            | 50   |
|             | Water pump .                           | 50   |
|             | Carburetor                             | 50   |
|             | Voltage regulator .                    | 30   |
|             | Generator .                            | 50   |
|             | Radiator Assy .                        | 30   |
|             | Starter .                              | 50   |
|             | distributor CPI.                       | 100  |
|             | Conact set .                           | 400  |
|             | Ignition plug                          | 2000 |
|             | Gasket F. cylinder head                | 30   |
|             | Engine gasket set                      | 30   |
|             | Muffler CPI. (silecer + pipe )         | 50   |
|             | Oil pan gasket                         | 100  |
|             | Liquid clutch cpl (hydro- trawsn)      | 30   |
|             | Oil filter F. autom                    | 500  |
|             | Diaphragm F. hot air .                 | 300  |

|   |      |
|---|------|
| Electrical main jet                       | 100  |
| Air regulator                             | 50   |
| Ignition plug V W                         | 2000 |
| Contact set V W .                         | 40   |
| Distributor V W .                         | 50   |
| Distributor cap V W .                     | 150  |
| Carburettor V W .                         | 50   |
| Starter V W .                             | 50   |
| Fuel pump V W .                           | 50   |
| Generator V W .                           | 30   |
| Ignition switch V W .                     | 100  |
| Ignition coil V W .                       | 50   |
| V-belt V W .                              | 100  |
| Pulley V W .                              | 20   |
| Oil filter cap V W                        | 100  |
| Fuel tank cap V W .                       | 100  |
| Air filter compressor                     | 200  |
| Paint tank / stirrer .                    | 300  |
| Paint tank / gasket                       | 300  |
| tank exit gasket                          | 150  |
| Gasket for manhole                        | 150  |
| Gasket set for stirrer                    | 50   |
| Free wheel                                | 30   |
| Pneumatic cylinder for stirrer            | 60   |
| Manometer                                 | 60   |
| Safety valve                              | 100  |
| Paint cock                                | 200  |
| M of tecalan hose , pu-4                  | 200  |
| Sleeve nut F. tecalan hose                | 200  |
| 3-path cock                               | 30   |
| Main paint hose                           | 40   |
| Pressure regulator                        | 50   |
| Hand switch for spray gun                 | 100  |
| Repair set for pressure regulator         | 100  |
| Signal lamp 12 v/125 w .                  | 200  |
| Fuses                                     | 2000 |
| Manometer                                 | 200  |
| Quick coupling                            | 150  |
| Magnetic valve                            | 100  |
| Repair sets for Magnetic valve .          | 100  |
| Magnetic coil                             | 1560 |
| Meter cv-tube 12mm dia .                  | 50   |
| Back pressure valve                       | 50   |
| Meter tecalan hose 4mm dia                | 100  |
| sets of cutting rings , 12mm solvent tank | 200  |
| Gasket for solvent tank .                 | 150  |
| Safety valve ¼ .                          | 50   |
| Solvent .                                 | 50   |

#### Hand Spray Gun :

| Code No.    | Description                            | Qty. |
|-------------|--|------|
| 03-02-01367 | Hand spray gun cpl with paint peaker . | 200  |
|             | Air head                               | 150  |
|             | Paint nozzle                           | 150  |
|             | Needle packing                         | 300  |
|             | Valve spring                           | 300  |
|             | Packing                                | 300  |
|             | Valve spring                           | 150  |
|             | Needle spring                          | 150  |
|             | Paint needle                           | 150  |
|             | Counter screw                          | 50   |
|             | Valve cone                             | 50   |
|             | Needle packing                         | 300  |

#### Hoses and connections :

| Code No.    | Description                            | Qty. |
|-------------|--|------|
| 03-02-01368 | Set of paint hoses , cpl .             | 200  |
|             | Set of atomizing air hoses , cpl .     | 200  |
|             | Set of control air paint hoses , cpl . | 200  |
|             | Distributor                            | 100  |

#### Marking Head :

| Code No.    | Description                              | Qty. |
|-------------|--|------|
| 03-02-01369 | Spray gun zsepl. With control cylinder . | 100  |
|             | Ring nut                                 | 150  |
|             | Paint nozzle                             | 200  |
|             | Orifice                                  | 200  |
|             | Air nozzle (G.77) .                      | 300  |
|             | Paint needle 7 dia .                     | 300  |
|             | Teflon valve                             | 300  |
|             | O-Ring                                   | 600  |
|             | Valve sleeve                             | 600  |
|             | Valve spring                             | 300  |
|             | Needle spring                            | 300  |
|             | Air connection                           | 150  |
|             | Needle screw plug                        | 200  |

|                      |     |
|----------------------|-----|
| Plug                 | 200 |
| Adjuster nut         | 200 |
| Nut                  | 200 |
| O-Ring               | 600 |
| O-Ring               | 600 |
| Needle protection    | 600 |
| O-Ring               | 600 |
| Needle packing       | 600 |
| Set of standard part | 10  |

**SECTION 55  
Rescue vehicle (van)**

| Code        | Description         | Qty |
|-------------|---------------------|-----|
| 03-02-01370 | Rescue vehicl (van) | 200 |

**Section ( 56)  
Compacting Roller ( Steel- Steel Roller )**

| Code No.    | Description                               | Qty. |
|-------------|---|------|
| 03-02-01371 | Compacting Roiler ( Steel- Steel Roller ) | 150  |

**Section ( 57)  
Tyre-Steel Roller Compactor**

| Code No.    | Description                 | Qty. |
|-------------|-----------------------------|------|
| 03-02-01372 | Tyre-Steel Roller Compactor | 90   |

**Section ( 58)  
Pneumatic-Tyred Roller**

| Code No.    | Description                            | Qty.      |
|-------------|--|-----------|
| 03-02-01373 | pneumatic tyre roller with spare parts | 250 Units |

**Section ( 59)  
Foot Sheep Vibratory Roller**

| Code No.    | Description                 | Qty. |
|-------------|-----------------------------|------|
| 03-02-01374 | Foot Sheep Vibratory Roller | 150  |

**SECTION 60  
Machine for removing asphalt**

| Code        | Description                  | Qty |
|-------------|------------------------------|-----|
| 03-02-01375 | Machine for removing asphalt | 25  |

**SECTION 61  
Ductile Iron pipes & fittings**

| Code        | Description   | Qty       |
|-------------|---|-----------|
| 03-02-01376 | Supplying (1200) mm dia. Ductile iron socket and spigot pipe class (K9) of tyton joint with rubber rings , according to the internat:onal standard ( ISO - 2531 ) . | 50000ml   |
| 03-02-01377 | Ditto (1000) mm dia.  | 50000ml   |
| 03-02-01378 | Ditto (900) mm dia.   | 50000ml   |
| 03-02-01379 | Ditto (800) mm dia.   | 100000 KM |
| 03-02-01380 | Ductile iron double flanged bend with flanged socket and spigot<br>a- 1200 mm dia<br>- bend 900   | 500 No.   |
|             | b- 1000 mm dia<br>- bend 900  | 500 No.   |
|             | c- 900 mm dia<br>- bend 900   | 500 No.   |
|             | d- 800 mm dia body<br>- bend 900  | 850 No.   |
| 03-02-01381 | - Ductile iron express double socket bends complete with rubber rings and stainless steel bolts /nuts with washers :-<br>A- 1200 mm dia<br>a.1- bend 450            | 500 No.   |
|             | a.2- bend 221/20  | 500 No.   |
|             | B- 1000 mm dia<br>b.1- bend 450   | 500 No.   |
|             | b.2- bend 221/20  | 500 No.   |
|             | C- 900 mm dia<br>c.1- bend 450  | 500 No.   |
|             | c.2- bend 221/20  | 500 No.   |
| 03-02-01382 | Ductile Iron all flanged tee complete as per specified<br>A- 1200 mm dia . body<br>a.1-1200 mm dia . branch   | 100 No.   |
|             | a.2-1000 mm dia . branch  | 100 No.   |
|             | a.3-900 mm dia . branch   | 100 No.   |
|             | a.4-800 mm dia . branch   | 100 No.   |
|             | B- 1000 mm dia . body<br>b.1-1000 mm dia . branch   | 100 No.   |
|             | b.2-900 mm dia . branch   | 100 No.   |
|             | b.3-800 mm dia . branch   | 100 No.   |
|             | C- 900 mm dia . body<br>c.1-900 mm dia . branch   | 100 No.   |
|             | c.2-800 mm dia . branch   | 100 No.   |

|             |   |            |
|-------------|---|------------|
|             | D- 800 mm dia . body  |            |
|             | d.1- 800 mm dia . branch  | 100 No.    |
|             | d.2- 700 mm dia . branch  | 100 No.    |
|             | d.3- 600 mm dia . branch  | 100 No.    |
|             | d.4- 500 mm dia . branch  | 100 No.    |
| 03-02-01383 | - Ductile iron double socket (express) tapers<br>with rubber rings and stainless steel bolts<br>/nuts with washers :-   |            |
|             | a- ( 1200 x 1000 )mm dia  | 100 No.    |
|             | b- ( 1000 x 900 )mm dia   | 100 No.    |
|             | c- ( 1000 x 800 )mm dia   | 100 No.    |
|             | d- ( 900 x 800 )mm dia  | 100 No.    |
|             | e- ( 800 x 700 )mm dia  | 50 No.     |
|             | f- ( 800 x 600 )mm dia  | 50 No.     |
| 03-02-01384 | Supplying (600) mm dia. Ductile iron socket<br>and spigot pipe class (K9) of tyton joint with<br>rubber rings , according to the international<br>standard ( ISO - 2531 ) . | 150000 m.l |
| 03-02-01385 | Ditto (500) mm dia.   | 270000     |
| 03-02-01386 | Ditto (450) mm dia.   | 100000     |
| 03-02-01387 | Ditto (400) mm dia.   | 200000     |
| 03-02-01388 | Ditto (350) mm dia.   | 200000     |
| 03-02-01389 | Ditto (300) mm dia.   | 300000     |
| 03-02-01390 | Ditto (250) mm dia.   | 200000     |
| 03-02-01391 | Ditto (200) mm dia.   | 200000     |
| 03-02-01392 | Ductile Iron double flanged bends with<br>flanged socket and spigot   |            |
|             | A- 600 mm dia   |            |
|             | - bend 900  | 3000 No.   |
|             | B- 500 mm dia   |            |
|             | - bend 900  | 3000 No    |
|             | C- 450 mm dia   |            |
|             | - bend 900  | 3000 No    |
|             | D- 400 mm dia   |            |
|             | - bend 900  | 3000 No    |
|             | E- 350 mm dia   |            |
|             | - bend 900  | 3000 No    |
|             | F-300 mm dia  |            |
|             | bend 90   | 3000       |
|             | bend 450  | 3000       |
|             | bend 22.5   | 3000       |
|             | g- 250 mm dia   |            |
|             | bend 90   | 3000       |
|             | bend 450  | 3000       |
|             | bend 22.5   | 3000       |
|             | H-200 mm dia  |            |
|             | bend 90   | 3000       |
|             | bend 450  | 3000       |
|             | bend 22.5   | 3000       |
|             | I- 150 mm dia   |            |
|             | bend 90   | 3000       |
|             | bend 450  | 3000       |
|             | bend 22.5   | 3000       |
|             | J- 100 mm dia   |            |
|             | bend 90   | 3000       |
|             | bend 450  | 3000       |
|             | bend 22.5   | 3000       |
| 03-02-01393 | - Ductile iron express double socket bends<br>with rubber rings and stainless steel bolts<br>/nuts with washers :-  |            |
|             | A- 600 mm dia   |            |
|             | a.1- bend 450   | 1500 No    |
|             | a.2- bend 221/20  | 500 No     |
|             | B- 500 mm dia   |            |
|             | b.1- bend 450   | 2700 No    |
|             | b.2- bend 221/20  | 700 No     |
|             | C- 450 mm dia   |            |
|             | c.1- bend 450   | 1000 No    |
|             | c.2- bend 221/20  | 500 No     |
|             | D- 400 mm dia   |            |
|             | d.1- bend 450   | 1000 No    |
|             | d.2- bend 221/20  | 500 No     |
|             | E- 350 mm dia   |            |
|             | e.1- bend 450   | 1000 No    |
|             | e.2- bend 221/20  | 500 No     |
|             | F- 300 mm dia   |            |
|             | f.1- bend 900   | 1000 No    |
|             | f.2- bend 450   | 1000 No    |
|             | f.3- bend 221/20  | 500 No     |
|             | G- 250 mm dia   |            |
|             | g.1- bend 900   | 1700 No    |
|             | g.2- bend 450   | 1700 No    |
|             | g.3- bend 221/20  | 1700 No    |
| 03-02-01394 | #NAME?  |            |
|             | a- ( 600 x 500 )mm dia  | 1000       |
|             | b- ( 600 x 450 )mm dia  | 1000       |

|   |       |
|---|-------|
| c- ( 600 x 400 )mm dia  | 1000  |
| d- ( 600 x 350)   | 1000  |
| e-(600x 300)  | 1000  |
| f-(600x 250)  | 1000  |
| g- (600x 200 )  | 1000  |
| h- ( 600 x 150 )  | 1000  |
| l- (600 x 100)  | 1000  |
| d- ( 500 x 450 )mm dia  | 1000  |
| e- ( 500 x 400 )mm dia  | 1000  |
| f- ( 500 x 350 )mm dia  | 1000  |
| ( 500 x 300 )   | 1000  |
| ( 500 x 250 )   | 1000  |
| (500 x 200)   | 1000  |
| (500 x 150 )  | 1000  |
| ( 500 x 100 )   | 1000  |
| g- ( 450 x 400 )mm dia  | 1000  |
| h- ( 450 x 350 )mm dia  | 1000  |
| l- ( 450 x 300 )mm dia  | 1000  |
| j- ( 450 x 250 )mm dia  | 1000  |
| k- ( 450 x 200 )mm dia  | 1000  |
| ( 450 x 150 )   | 1000  |
| (450 x 100)   | 1000  |
| l- ( 400 x 250 )mm dia  | 1000  |
| l- ( 400 x 200 )mm dia  | 1000  |
| (400 x 150 )  | 1000  |
| (400 x 100 )  | 1000  |
| m- ( 350 x 300 )mm dia  | 1000  |
| n- ( 350 x 250 )mm dia  | 1000  |
| o- ( 350 x 200 )mm dia  | 1000  |
| (350x 150 )   | 1000  |
| ( 350 x 100 )   | 1000  |
| ( 300 x 250 )   | 1000  |
| ( 300 x 200 )   | 1000  |
| ( 300 x 150 )   | 1000  |
| ( 300 x 100 )   | 1000  |
| p- ( 250 x 200 )mm dia  | 1000  |
| ( 250 x150 )  | 1000  |
| ( 250 x 100 )   | 1000  |
| y- ( 200 x 150 )mm dia  | 1000  |
| (200 x 100 )  | 1000  |
| ( 150 x 100 )   | 1000  |
| 03-02-01395 Ductile Iron all flanged tee complete with<br>flanged socket and spigot |       |
| A- 600 mm dia . body  |       |
| a.1-600 mm dia . branch   | 2000  |
| a.2-500 mm dia . branch   | 2000  |
| a.3-450 mm dia . branch   | 2000  |
| a.4-400 mm dia . branch   | 2000  |
| a.5-350 mm dia . branch   | 2000  |
| a.6-300 mm dia . branch   | 2000  |
| a.7-250 mm dia . branch   | 2000  |
| a.8- 200 mm dia . branch  | 2000  |
| 150 mm dia . Branch   | 2000  |
| 100 mm dia branch   | 2000  |
| B- 500 mm dia . body  | 2000  |
| b.1-500 mm dia . branch   | 2000  |
| b.2-450 mm dia . branch   | 2000  |
| b.3-400 mm dia . branch   | 20000 |
| b.4- 350 mm dia . branch  | 2000  |
| b.5- 300 mm dia . branch  | 2000  |
| b.6- 250 mm dia . branch  | 2000  |
| b.7- 200 mm dia . branch  | 2000  |
| 150 mm dia . Branch   | 2000  |
| 100 mm dia branch   | 2000  |
| C- 450 mm dia . body  |       |
| c.1-450 mm dia . branch   | 2000  |
| c.2-400 mm dia . branch   | 2000  |
| c.3- 350 mm dia . branch  | 2000  |
| c.4- 300 mm dia . branch  | 2000  |
| c.5- 250 mm dia . branch  | 2000  |
| c.6- 200 mm dia . branch  | 2000  |
| 150 mm dia . Branch   | 2000  |
| 100 mm dia branch   | 2000  |
| D- 400 mm dia . body  |       |
| d.1- 400 mm dia . branch  | 2000  |
| d.2- 350 mm dia . branch  | 2000  |
| d.3- 300 mm dia . branch  | 2000  |
| d.4- 250 mm dia . branch  | 2000  |
| d.5- 200 mm dia . branch  | 2000  |
| 150 mm dia . Branch   | 2000  |
| 100 mm dia branch   | 2000  |
| E- 350 mm dia . body  |       |
| e.1- 350 mm dia . branch  | 2000  |
| e.2- 300 mm dia . branch  | 2000  |
| e.3- 250 mm dia . branch  | 2000  |
| e.4- 200 mm dia . branch  | 2000  |
| 150 mm dia . Branch   | 2000  |

|             |  |           |
|-------------|--|-----------|
|             | 100 mm dia branch  | 2000      |
|             | F- 300 mm dia . body   | 2000      |
|             | f.1- 300 mm dia . branch   | 2000      |
|             | f.2- 250 mm dia . branch   | 2000      |
|             | f.3- 200 mm dia . branch   | 2000      |
|             | 150 mm dia . Branch  | 2000      |
|             | 100 mm dia branch  | 2000      |
|             | G- 250 mm dia . body   |           |
|             | g.1- 250 mm dia . branch   | 2000      |
|             | g.2- 200 mm dia . branch   | 2000      |
|             | 150 mm dia . Branch  | 2000      |
|             | 100 mm dia branch  | 2000      |
|             | H- 200 mm dia body   |           |
|             | h.1 200 mm dia branch  | 2000      |
|             | h.2 150 mm dia branch  | 2000      |
|             | h.3 100 mm dia branch  | 2000      |
|             | I- 150 mm dia BODY   |           |
|             | I.1 150 mm DIA BRANCH  | 2000      |
|             | I.2 100 mm dia branch  | 2000      |
|             | M-100 mm dia body  |           |
|             | m.1 100 mm dia branch  | 2000      |
| 03-02-01396 | Ductile Iron flanged branch on double socket express tee complete with rubber rings and stainless steel bolts / nuts with wassher :                                |           |
|             | A- 600 mm dia . body   |           |
|             | a.1-100 mm dia . branch  | 500 No.   |
|             | B- 500 mm dia . body   |           |
|             | b.1-100 mm dia . branch  | 1000 No.  |
|             | b.2-150 mm dia . branch  | 1000 No.  |
|             | C- 450 mm dia . body   |           |
|             | c.1-100 mm dia . branch  | 1000 No.  |
|             | c.2-150 mm dia . branch  | 1000 No.  |
|             | D- 400 mm dia . body   |           |
|             | d.1- 80 mm dia . branch  | 500 No.   |
|             | d.2- 100 mm dia . branch   | 1000 No.  |
|             | d.3- 150 mm dia . branch   | 1000 No.  |
|             | E- 350 mm dia . body   |           |
|             | e.1- 80 mm dia . branch  | 200 No.   |
|             | e.2- 100 mm dia . branch   | 1000 No.  |
|             | e.3- 150 mm dia . branch   | 1000 No.  |
|             | F- 300 mm dia . body   |           |
|             | f.1- 80 mm dia . branch  | 200 No.   |
|             | f.2- 100 mm dia . branch   | 2000 No.  |
|             | f.3- 150 mm dia . branch   | 2000 No.  |
|             | G- 250 mm dia . body   |           |
|             | g.1- 80 mm dia . branch  | 200 No.   |
|             | g.2- 100 mm dia . branch   | 1700 No.  |
|             | g.3- 150 mm dia . branch   | 1700 No.  |
|             | H- 200 mm dia . body   |           |
|             | h. 1- 80 mm dia . branch   | 200 No.   |
|             | h. 2- 100 mm dia . branch  | 1700 No.  |
|             | h. 3- 150 mm dia . branch  | 1700 No.  |
| 03-02-01397 | Supplying (200) mm dia. Ductile iron socket and spigot pipe class (K9) of tyton joint with rubber rings , according to the international standard ( ISO - 2531 ) . | 500000 ml |
|             | Ditto (150) mm dia.  | 200000    |
|             | Ditto (100) mm dia.  | 700000    |
|             | Ductile Iron all flanged tee complete with flanged socket and spigotas below :   |           |
|             | A- 200 mm dia . body   |           |
|             | 200 mm dia . branch  | 1000 No.  |
|             | 150 mm dia . branch  | 1000 No.  |
|             | 100 mm dia . branch  | 1000 No.  |
|             | B- 150 mm dia . body   |           |
|             | 150 mm dia . branch  | 1000 No.  |
|             | 100 mm dia . branch  | 1000 No.  |
|             | C- 100 mm dia . body   |           |
|             | 100 mm dia . branch  | 1000 No.  |
| 03-02-01398 | Ductile Iron flanged branch on double socket express tee complete with rubber rings and stainless steel bolts / nuts with wassher :                                |           |
|             | A- 200 mm dia . body   |           |
|             | 80 mm dia . branch   | 200 No.   |
|             | 150 mm dia . branch  | 1000 No.  |
|             | 100 mm dia . branch  | 1000 No.  |
|             | 200 mm dia . branch  | 1000 No.  |
|             | B- 150 mm dia . body   |           |
|             | 80 mm dia . branch   | 100 No.   |
|             | 100 mm dia . branch  | 500 No.   |
|             | 150 mm dia . branch  | 500 No.   |
|             | C- 100 mm dia . body   |           |
|             | 80 mm dia . branch   | 100 No.   |
|             | 100 mm dia . branch  | 500 No.   |



|              |   |  |
|--------------|---|--|
| 03-02-01399  | - Ductile iron express double socket bends<br>with rubber rings and stainless steel bolts<br>/nuts and washers :-<br>A- 600 mm dia<br>bend 900<br>bend 450<br>bend 221/20<br>B- 500 mm dia<br>bend 900<br>bend 450<br>bend 221/20<br>C- 450 mm dia<br>bend 900<br>bend 450<br>bend 221/20 | 1500 No<br>1500 No<br>500 No<br>1500 No<br>1500 No<br>500 No<br>2000 No<br>1500 No<br>500 No |
| 03-02-013400 | - Ductile iron double socket (express) tapers<br>complete with rubber rings and stainless steel<br>bolts with nuts and washers :-<br><br>a- ( 200 x 150 )mm dia<br>b- ( 200 x 100 )mm dia<br>c- ( 150 x 100 )mm dia<br>d- ( 100 x 80 )mm dia  | 300 No.<br>300 No.<br>300 No.<br>300 No.   |

## SECTION 62

### abratory mobile

| Code        | Description      | Qty |
|-------------|------------------|-----|
| 03-02-01401 | Labratory mobile | 20  |

## SECTION - 63 - STARTERS

### follow (Rating) in Amper with type

| Code        | Starters<br>Type             | Rating<br>(A) | Qty.    |
|-------------|------------------------------|---------------|---------|
| 03-02-01402 | S-D                          |               | 500 120 |
| 03-02-01403 | S-D                          |               | 400 80  |
| 03-02-01404 | S-D                          |               | 350 100 |
| 03-02-01405 | S-D                          |               | 320 110 |
| 03-02-01406 | S-D                          |               | 300 90  |
| 03-02-01407 | S-D                          |               | 250 150 |
| 03-02-01408 | S-D                          |               | 220 90  |
| 03-02-01409 | S-D                          |               | 200 104 |
| 03-02-01410 | S-D                          |               | 180 180 |
| 03-02-01411 | S-D                          |               | 160 90  |
| 03-02-01412 | S-D                          |               | 140 120 |
| 03-02-01413 | S-D                          |               | 120 127 |
| 03-02-01414 | S-D                          |               | 110 115 |
| 03-02-01415 | S-D                          |               | 100 120 |
| 03-02-01416 | S-D                          |               | 90 150  |
| 03-02-01417 | S-D                          |               | 80 70   |
| 03-02-01418 | S-D                          |               | 75 120  |
| 03-02-01419 | S-D                          |               | 60 200  |
| 03-02-01420 | S-D                          |               | 50 95   |
| 03-02-01421 | S-D                          |               | 45 255  |
| 03-02-01422 | S-D                          |               | 30 290  |
| 03-02-01423 | S-D                          |               | 22 350  |
| 03-02-01424 | S-D                          |               | 15 410  |
| 03-02-01425 | S-D                          |               | 11 180  |
| 03-02-01426 | DOL                          |               | 8 160   |
| 03-02-01427 | DOL                          |               | 6 260   |
| 03-02-01428 | S-R (5 STAGE) WITH IMPEDANCE |               | 1100 10 |
| 03-02-01429 | S-R (5 STAGE) WITH IMPEDANCE |               | 1300 2  |
| 03-02-01430 | S-D                          |               | 1000 2  |
|             | TOTAL                        |               | 4150    |

## SECTION - 64 -

### A-CABLES

#### High tension cables , low tension cables and control cables according to the specification and quantity below :-

| Code        | Cable size (mm2) | Length (m.l.) |
|-------------|------------------|---------------|
| 03-02-01431 | 2 * 1.5          | 8500          |
| 03-02-01432 | 4 * 1.5          | 5500          |
| 03-02-01433 | 4 * 2.5          | 23500         |
| 03-02-01434 | 4 * 4            | 20 000        |
| 03-02-01435 | 4 * 6            | 34000         |
| 03-02-01436 | 4 * 10           | 27000         |
| 03-02-01437 | 4 * 16           | 23000         |
| 03-02-01438 | 3 * 25 + 16      | 16000         |
| 03-02-01439 | 3 * 35 + 16      | 26000         |
| 03-02-01440 | 3 * 50 + 25      | 20000         |
| 03-02-01441 | 3 * 70 + 35      | 13000         |
| 03-02-01442 | 3 * 95 + 50      | 14000         |
| 03-02-01443 | 3 * 120 + 40     | 10000         |
| 03-02-01444 | 3 * 150 + 70     | 10000         |
| 03-02-01445 | 3 * 185 + 70     | 4000          |
| 03-02-01446 | 3 * 240 + 120    | 14000         |
| 03-02-01447 | 3 * 300 +150     | 12000         |
| 03-02-01448 | 1* 300           | 8000          |

|             |                    |        |
|-------------|--------------------|--------|
| 03-02-01449 | 1* 400             | 8000   |
| 03-02-01450 | 1* 500             | 8000   |
| 03-02-01451 | 3 * 150 H.T (11)KV | 2000   |
| TOTAL       |                    | 306500 |

**B:- Control Cables**

| Code        | Cable size (mm2) | Length (m.l.) |      |
|-------------|------------------|---------------|------|
| 03-02-01452 | 7 * 1.5          |               | 1000 |
| 03-02-01453 | 27 * 1.5         |               | 1200 |
| 03-02-01454 | 50* 1.5          |               | 1100 |
| TOTAL       |                  |               | 3300 |

**Fuses**

| Code        | Gov. Name | Project Name     | Rating (A) | Type      | Qty  |
|-------------|-----------|------------------|------------|-----------|------|
| 03-02-01455 | Thiqar    | Nassseria sewage | 10         | bottel    | 140  |
| 03-02-01456 |           |                  | 15         | bottel    | 145  |
| 03-02-01457 |           |                  | 20         | bottel    | 140  |
| 03-02-01458 |           |                  | 25         | bottel    | 140  |
| 03-02-01459 |           |                  | 50         | bottel    | 140  |
| 03-02-01460 |           |                  | 15         | catriadge | 140  |
| 03-02-01461 |           |                  | 20         | catriadge | 145  |
| 03-02-01462 |           |                  | 25         | catriadge | 150  |
| 03-02-01463 |           |                  | 45         | catriadge | 145  |
| 03-02-01464 |           |                  | 50         | catriadge | 150  |
| 03-02-01465 |           |                  | 100        | catriadge | 140  |
| 03-02-01466 |           |                  | 250        | catriadge | 150  |
| 03-02-01467 |           | Al-Iskan Sewage  | 5          | bottel    | 130  |
| 03-02-01468 |           |                  | 10         | bottel    | 140  |
| 03-02-01469 |           |                  | 15         | bottel    | 145  |
| 03-02-01470 |           |                  | 20         | bottel    | 140  |
| 03-02-01471 |           |                  | 25         | bottel    | 150  |
| 03-02-01472 |           |                  | 50         | bottel    | 150  |
| 03-02-01473 |           |                  | 15         | catriadge | 145  |
| 03-02-01474 |           |                  | 20         | catriadge | 150  |
| 03-02-01475 |           |                  | 25         | catriadge | 145  |
| 03-02-01476 |           |                  | 45         | catriadge | 150  |
| 03-02-01477 |           |                  | 50         | catriadge | 150  |
| 03-02-01478 |           |                  | 100        | catriadge | 150  |
| 03-02-01479 |           |                  | 250        | catriadge | 150  |
| 03-02-01480 |           |                  | 400        | catriadge | 150  |
| 03-02-01481 |           |                  | 500        | catriadge | 145  |
| 03-02-01482 |           |                  | 500        | bottel    | 150  |
| 03-02-01483 |           |                  | 400        | bottel    | 150  |
| 03-02-01484 |           |                  | 300        | bottel    | 150  |
| 03-02-01485 | Baghdad   |                  | 100        | catriadge | 100  |
| 03-02-01486 |           |                  | 160        | catriadge | 100  |
| 03-02-01487 |           |                  | 200        | catriadge | 100  |
| 03-02-01488 | Qadisyyia |                  | 500        | catriadge | 100  |
| 03-02-01489 |           |                  | 400        | catriadge | 150  |
| 03-02-01490 |           |                  | 200        | catriadge | 300  |
| TOTAL       |           |                  |            |           | 5245 |

**terminal ( Lug)**

| Code        | Size (mm) | Qty   |
|-------------|-----------|-------|
| 03-02-01491 | 10        | 1000  |
|             | 16        | 1000  |
|             | 25        | 1000  |
|             | 35        | 1000  |
|             | 50        | 1000  |
|             | 70        | 1000  |
|             | 95        | 1000  |
|             | 120       | 1000  |
|             | 150       | 1000  |
|             | 185       | 1000  |
|             | 200       | 1000  |
|             | 240       | 1000  |
|             | 300       | 1500  |
|             | 400       | 1500  |
|             | 500       | 1500  |
|             | 630       | 1500  |
| TOTAL       |           | 18000 |

**section - 65-**

**Laboratory testing chemical material & equipment**

| Code        | Description  | Qty       |
|-------------|--|-----------|
| 03-02-01492 | Basket , round with handle , plastic coated wire, 180 mm diameter x 160mm high                                       | 50        |
| 03-02-01493 | Bottle , flat sides , with aluminum screw cap , capacity ~ 200ml   | 500       |
| 03-02-01494 | Bottle , Mc cartney , capacity 28 ml   | 200       |
| 03-02-01495 | Diphram pump for gases and liquids with staples mechanical speed adjustment , to deliver air approx 300 -1200 ml/min | 2         |
| 03-02-01496 | Filter paper , 150 mm dia , whatmen 42   | 200 packs |
| 03-02-01497 | Kohlransch volumetric flask with widened neck .volume 50 ml  | 200       |

|                  |   |               |
|------------------|---|---------------|
| 03-02-01498      | Laboratory conductivity meter range 0.0 to 10000 ms   | 30            |
| 03-02-01499      | Conductivity cell for above meter , k >= 1  | 60            |
| 03-02-01500      | Laboratory ph meter , accuracy + 0.01 ph  | 60            |
| 03-02-01501      | Combination electrode for above ph -meter   | 100           |
| 03-02-01502      | Petri dish sterilizing box 175 x 120 mm dia stainless steel   | 50            |
| 03-02-01503      | Silicon grease , low & medium viscosity   | 20 tubes each |
| 03-02-01504      | Pipette sterilizing box , universal 65 mm dia for storage & sterilizing of pipette up to 420 mm long  | 50            |
| 03-02-01505      | Transformer, voltage output 1-12v in variable steps(including 3,4,5,6, 9 and 12 v) AC & DC current output 6 A, input 220v, 50hz, AC .           | 2             |
| 03-02-01506      | Water bath , 6 openings of 90 mm dia , stainless steel, removable cover .   | 8             |
| 03-02-01507      | Water bath , with cover , for bacteriological purpose stainless steel temperature control ~ 15 litre capacity , with necessary test tube racks. | 6             |
| 03-02-01508      | Water distilling apparatus , all glass , 2-4 litre hour distillate conductivity > 2 ms /cm  | 15            |
| 03-02-01509      | Nessler, Lovibond BDH , with all necessary discs reagents for determination FE, Mn , No3 , NH4 , No2 color in water                             | 15            |
| 03-02-01510      | Balance electronic capacity 160 g , precision +- 0.05 mg  | 6             |
| 03-02-01511      | Balance electronic capacity 2 kg , precision +- 0.19  | 15            |
| 03-02-01512      | Autoclave , vertical , ~ 30 litre capacity , with all necessary accessories & spare parts   | 6             |
| 03-02-01513      | Spectrophotometer , UV/ VIS , 155 -1000 mm with necessary cells & other accessories and spare parts   | 6             |
| 03-02-01514      | Over drying capacity 40- 60 litre , temperature up to 250C  | 5             |
| 03-02-01515      | Hot air sterilizer double door up to 250 C , capacity <= 12 litre working volume , with time switch up to 2 hours                               | 3             |
| 03-02-01516      | Incubator , temperature up to 70 C , double door working volume <= 30 litre   | 6             |
| 03-02-01517      | BOD measure set , 6 sample bottles for manometric BOD measurement in thermobox 20 C with all necessary bottles& other accessories .             | 8             |
| 03-02-01518      | COD measure set , including 4 series flask heaters with all necessary glassware including round bottom flasks 250 ml with suitable condensers.  | 8             |
| 03-02-01519      | Furnace , muffle , temperature up to 1100 C , 3-5 litre working capacity.   | 3             |
| 03-02-01520      | Jar - tester , with 6 – mechanical stirrers , rpm regulator 0-200 rpm with necessary beaker & spare parts including drive belts.                | 15            |
| 03-02-01521      | Bottle , reagent , clear glass , autoclavable with glass cover , narrow neck capacity 250 ml  | 2000          |
| 03-02-01522      | Thermometer pocket mercury 10 to 50 C   | 50            |
| 03-02-01523      | Conical flask wide neck pyrex capacity 250ml  | 500           |
| 03-02-01524      | Conical flask wide neck pyrex capacity 500ml  | 200           |
| 03-02-01525      | Volumetric flask, class B , with stopper , capacity 50 ml   | 100           |
| 03-02-01526      | Volumetric pipette class B , capacity 2 ml  | 60            |
| 03-02-01527      | Graduated pipette class B , capacity 10 ml  | 250           |
| 03-02-01528      | Graduated pipette class B , capacity 1 ml   | 100           |
| 03-02-01529      | Test - tubes , soda line glass , 20 x 180 mm  | 2000          |
| <b>CHEMICALS</b> |   |               |
| 03-02-01530      | Ammonia Solution  | 100 lit       |
| 03-02-01531      | Ammonium Acetate  |               |
| 03-02-01532      | Barium chloride   |               |
| 03-02-01533      | Chloro form   | 50 lit        |
| 03-02-01534      | Endo Agar   | 5 kg          |
| 03-02-01535      | Ethylethylene diamine tetra acetic acid , No.   |               |
| 03-02-01536      | Hydrochloric acid , conc .  |               |
| 03-02-01537      | Ethyl Alcohol   |               |
| 03-02-01538      | Mac conkey Agar   | 5 kg          |
| 03-02-01539      | Mac conkey Broth  | 200 kg        |
| 03-02-01540      | Nutrient Agar   | 50 kg         |
| 03-02-01541      | Plate count Agar  | 5 kg          |
| 03-02-01542      | Potassium Hydroxide   | 10 kg         |
| 03-02-01543      | Potassium Ferrocyanate  | 2 kg          |
| 03-02-01544      | Silver nitrate  | 5 kg          |

|             |                       |        |
|-------------|-----------------------|--------|
| 03-02-01545 | Sulphuric Acid , conc | 50 lit |
| 03-02-01546 | silver sulphate       | 5 kg   |
| 03-02-01547 | O -Tolidine , hcl     | 5 kg   |

**Section ( 66)  
Flow Rate Measuring Equipment**

| Code No.    | Description   | Qty.           |
|-------------|---|----------------|
| 03-02-01548 | a. Flow rate measuring equipment for water supply projectes | 200            |
|             | b. Ditto for house connection                               | 2000000        |
|             | <b>TOTAL</b>  | <b>2000200</b> |

**SECTION - 67 -  
SEWAGE COMPACT UNIT**

| Code        | Project Name                               | Qty        |
|-------------|--|------------|
| 03-02-01549 | (Sewage Compact Units for 10000 population | 100        |
| 03-02-01550 | (Sewage Compact Units for 20000 population | 100        |
| 03-02-01551 | (Sewage Compact Units for 50000 population | 100        |
|             | <b>Total</b>                               | <b>300</b> |

**Section ( 68)  
Bore Hole Drilling And Maintenance Machine**

| Code No.    | Description                      | Qty.      |
|-------------|----------------------------------|-----------|
| 03-02-01552 | A- Bore Hole Drilling Machine    | 15        |
|             | B- Bore Hole Maintenance Machine | 15        |
|             | <b>total</b>                     | <b>30</b> |

**SECTION - 69 -  
Spare parts for chlorinators**

| Code        | Description                  | Qty |
|-------------|------------------------------|-----|
| 03-02-01553 | Spare parts for chlorinators | L.S |

**Section -70 -  
Electric Motors**

| Code        | Gov name | Project Name              | KW   | r.p.m | Type  | Qty |
|-------------|----------|---------------------------|------|-------|-------|-----|
| 03-02-01554 | Wasit    | 1/ 4 million gallon C.U   | 30   | 1500  | S.C   | 10  |
| 03-02-01555 | Muothana | Rumaitha W.T.P            | 5.5  | 1500  | V.S.C | 15  |
| 03-02-01556 | =        | Rumaitha W.T.P *          | 0.15 | 1180  | S.C   | 6   |
| 03-02-01557 | Basrah   | Karma C.U (1)             | 0.55 | 2900  | V.S.C | 12  |
| 03-02-01558 | =        | R.O / W.P.S               | 160  | 1500  | S.C   | 3   |
| 03-02-01559 | =        | Karma C.U (2)             | 0.37 | 2900  | V.S.C | 4   |
| 03-02-01560 | =        | Kore -Al-Zber W.T.P       | 18.5 | 2930  | S.C   | 10  |
| 03-02-01561 | =        | Kore -Al-Zber W.T.P       | 4    | 1500  | V.S.C | 6   |
| 03-02-01562 | =        | Kore -Al-Zber W.T.P       | 0.55 | 1500  | V.S.C | 3   |
| 03-02-01563 | =        | Kore -Al-Zber W.T.P       | 1.1  | 1500  | V.S.C | 2   |
| 03-02-01564 | =        | Al-Mudina W.T.P           | 45   | 1500  | S.C   | 6   |
| 03-02-01565 | =        | Compact Unite             | 55   | 1500  | S.C   | 42  |
| 03-02-01566 | =        | R.O / W.P.S               | 315  | 1500  | S.C   | 9   |
| 03-02-01567 | =        | R.O / W.P.S               | 220  | 1500  | S.C   | 4   |
| 03-02-01568 | =        | AQUA C.U.                 | 7.5  | 1500  | S.C   | 25  |
| 03-02-01569 | =        | (25) million Project      | 18.5 | 1500  | S.C   | 25  |
| 03-02-01570 | Missan   | Unified W.T.P             | 120  | 1500  | S.C   | 8   |
| 03-02-01571 | =        | Unified W.T.P             | 90   | 1500  | S.C   | 8   |
| 03-02-01572 | =        | 1/ 4 million gallon C.U   | 18.5 | 1500  | S.C   | 20  |
| 03-02-01573 | =        | 1/ 4 million gallon C.U   | 45   | 1500  | S.C   | 20  |
| 03-02-01574 | =        | Unified Project           | 37.5 | 1000  | S.C   | 8   |
| 03-02-01575 | =        | Al-Rafidan W.T.P          | 37.5 | 1500  | S.C   | 8   |
| 03-02-01576 | =        | Raw Water B.S             | 150  | 750   | S.C   | 4   |
| 03-02-01577 | Diala    | Baquba W.T.P              | 185  | 1500  | S.C   | 10  |
| 03-02-01578 | =        | Baquba W.T.P              | 110  | 1500  | S.C   | 10  |
| 03-02-01579 | =        | Baquba W.T.P              | 90   | 1500  | S.C   | 10  |
| 03-02-01580 | =        | Baquba W.T.P              | 75   | 1500  | S.C   | 10  |
| 03-02-01581 | =        | Baquba W.T.P              | 55   | 1500  | S.C   | 10  |
| 03-02-01582 | =        | Baquba W.T.P              | 37   | 1500  | S.C   | 10  |
| 03-02-01583 | =        | Baquba W.T.P              | 15   | 1000  | S.C   | 10  |
| 03-02-01584 | =        | Kanaan W.T.P              | 30   | 1000  | S.C   | 4   |
| 03-02-01585 | =        | Kanaan W.T.P              | 7.5  | 1400  | S.C   | 4   |
| 03-02-01586 | =        | Baldroz                   | 6    | 1000  | S.C   | 12  |
| 03-02-01587 | =        | Al-Khalis *               | 1.5  | 1500  | S.C   | 4   |
| 03-02-01588 | =        | Baldroz                   | 3    | 1000  | V.S.C | 6   |
| 03-02-01589 | =        | Al-Saadiya W.T.P *        | 3.5  | 1000  | S.C   | 1   |
| 03-02-01590 | =        | Kan Beni - Saad *         | 2    | 1000  | S.C   | 6   |
| 03-02-01591 | =        | Kan Beni - Saad *         | 4    | 1000  | V.S.C | 10  |
| 03-02-01592 | =        | Kan Beni - Saad *         | 5    | 1000  | V.S.C | 4   |
| 03-02-01593 | =        | Jalawla W.T.P             | 1    | 1500  | S.C   | 4   |
| 03-02-01594 | =        | Jalawla W.T.P             | 59   | 1500  | S.C   | 6   |
| 03-02-01595 | Nenewa   | Motor for electric Valve  | 0.34 | 1350  | S.C   | 50  |
| 03-02-01596 | Nenewa   | Motor for electric Valve  | 0.55 | 900   | S.C   | 25  |
| 03-02-01597 | =        | Motor for electric Valve  | 0.27 | 900   | S.C   | 20  |
| 03-02-01598 | =        | Motor for electric Valve  | 0.13 | 1400  | S.C   | 20  |
| 03-02-01599 | =        | Motor for electric Valve  | 0.18 | 1400  | S.C   | 20  |
| 03-02-01600 | =        | Mousal Right Bank W.T.P * | 510  | 1500  | S.C   | 20  |
| 03-02-01601 | =        |                           | 510  | 1500  | S.C   | 20  |
| 03-02-01602 | =        |                           | 250  | 1500  | S.C   | 15  |
| 03-02-01603 | =        |                           | 200  | 1500  | S.C   | 15  |
| 03-02-01604 | =        |                           | 185  | 1500  | S.C   | 20  |
| 03-02-01605 | =        |                           | 160  | 1500  | S.C   | 20  |
| 03-02-01606 | =        |                           | 120  | 1500  | S.C   | 20  |
| 03-02-01607 | =        |                           | 100  | 1500  | S.C   | 20  |
| 03-02-01608 | =        |                           | 75   | 1500  | S.C   | 20  |

|             |             |                                |      |            |        |
|-------------|-------------|--------------------------------|------|------------|--------|
| 03-02-01609 | =           |                                | 50   | 1500 S.C   | 20     |
| 03-02-01610 | =           |                                | 37.5 | 1500 S.C   | 25     |
| 03-02-01611 | =           |                                | 25   | 1500 S.C   | 25     |
| 03-02-01612 | =           |                                | 18.5 | 1500 S.C   | 30     |
| 03-02-01613 | =           |                                | 12.5 | 1500 S.C   | 30     |
| 03-02-01614 | =           |                                | 7.5  | 1500 S.C   | 30     |
| 03-02-01615 | Tameem      | Bor -holles (submersible)      | 15   | 3000 V.S.C | 15     |
| 03-02-01616 | =           | Bor -holles (submersible)      | 22   | 3000 V.S.C | 10     |
| 03-02-01617 | Salaheldeen | Bafaq C.U *                    | 3    | 3000 S.C   | 150    |
| 03-02-01618 | =           | Al-Shirqad W.T.P               | 75   | 1500 S.C   | 10     |
| 03-02-01619 | =           | Al-Shirqad W.T.P               | 37.5 | 1500 S.C   | 10     |
| 03-02-01620 | =           | Al-Shirqad W.T.P               | 18.5 | 1500 S.C   | 8      |
| 03-02-01621 | =           | Old Al-Shirqad W.T.P           | 15   | 1500 S.C   | 10     |
| 03-02-01622 | =           | Old Al-Shirqad W.T.P           | 11   | 1500 S.C   | 10     |
| 03-02-01623 | =           | Old Al-Shirqad W.T.P           | 7.5  | 1500 S.C   | 10     |
| 03-02-01624 | =           | Talol Al-Baaj                  | 160  | 3000 S.C   | 8      |
| 03-02-01625 | =           | Al-Jarnaf C.U.                 | 60   | 1500 S.C   | 8      |
| 03-02-01626 | =           | Al-Shirqad No. (2)             | 22   | 1500 S.C   | 10     |
| 03-02-01627 | =           | Baaja C.U.                     | 18.5 | 1500 S.C   | 10     |
| 03-02-01628 | =           | Al-Shirqad No. (2)             | 15   | 1500 S.C   | 10     |
| 03-02-01629 | =           | Bafaq C.U. in Al-Dor *         | 3    | 3000 S.C   | 20     |
| 03-02-01630 | Baghdad     | Al-Rashedya w.t.p forscrap     | 1.5  | 1500 S.C   | 6      |
| 03-02-01631 | Najaf       | Sewage Project                 | 5.5  | 1500 V.S.C | 10     |
| 03-02-01632 | =           | Sewage Project                 | 7.5  | 1500 V.S.C | 10     |
| 03-02-01633 | Qadissia    | Diwanyah W.T.P                 | 90   | 1500 S.C   | 15     |
| 03-02-01634 | =           | Diwanyah W.T.P                 | 250  | 1500 S.C   | 10     |
| 03-02-01635 | =           | Diwanyah W.T.P                 | 75   | 1500 S.C   | 15     |
| 03-02-01636 | =           | 1/ 4 million gallon C.U        | 18.5 | 3000 S.C   | 20     |
| 03-02-01637 | Qadissia    | Diwanyah W.T.P                 | 5.5  | 1500 S.C   | 10     |
| 03-02-01638 | =           | Diwanyah W.T.P                 | 11   | 1500 S.C   | 20     |
| 03-02-01639 | =           | Diwanyah W.T.P                 | 2.2  | 1000 V.S.C | 4      |
| 03-02-01640 | =           | Sewage Project                 | 45   | 1500 V.S.C | 10     |
| 03-02-01641 | Qadissia    | Sewage Project                 | 1.1  | 1500 V.S.C | 2      |
| 03-02-01642 | =           | Diwanyah B.S                   | 7.5  | 1500 S.C   | 10     |
| 03-02-01643 | =           | Diwanyah W.T.P                 | 45   | 1500 V.S.C | 10     |
| 03-02-01644 | Anbar       | west desert (B4)               | 670  | 1500 S.R   | 10 pcs |
| 03-02-01645 | =           | west desert (all pump station) | 540  | 1500 S.R   | 15     |
| 03-02-01646 | =           | west desert (A1)               | 450  | 1500 V.S.C | 4      |
| 03-02-01647 | =           | west desert (T.P)              | 100  | 1500 S.C   | 8      |
| 03-02-01648 | =           | west desert (T.P) / P.S        | 11   | 1500 S.C   | 20     |
| 03-02-01649 | =           | west desert (B6)               | 380  | 1500 S.C   | 8      |
| 03-02-01650 | =           | west desert (T.P)              | 7.5  | 3000 S.C   | 10     |
| 03-02-01651 | =           | west desert (B)                | 160  | 1500 S.C   | 8      |

1370

\* THE MOTOR MUST BE WITH FLANGE .

**SECTION -71 -  
Cleaning Equipment**

| Code        | Description   | Qty.       |   |
|-------------|---|------------|---|
| 03-02-01652 | High tensile heavy duty steel kane rods fitted with two-way lock fast cadmium plated case hardened steel ferrules (2) m long for cleaning sewer pipes of up to (500) mm | 10000 No.  |   |
| 03-02-01653 | Locking spanner (double ended) to be used for the above mentioned rods  | 600        | = |
| 03-02-01654 | Ratchel for hand rotation of the rods for (10) mm rod   | 300        | = |
| 03-02-01655 | Socket for steel kan (10) mm rod connection   | 2500       | = |
| 03-02-01656 | Socket holder for (10) mm rods  | 450        | = |
| 03-02-01657 | Rod gripper for the rods  | 300        | = |
| 03-02-01658 | Rotating handle for the rods  | 300        | = |
| 03-02-01659 | Universal rollers for the steel kan rod   | 300        | = |
| 03-02-01660 | Wheeled tool carrier for the steel kan rods   | 150        | = |
| 03-02-01661 | Pointed spearhead for rods  | 300        | = |
| 03-02-01662 | Chisels for (10) mm rods  | 600        | = |
| 03-02-01663 | Drawing eye (for drawing rope or cable through drains or conduits) for steel kane rods  | 600        | = |
| 03-02-01664 | Single worm screws for cleaning blockage suitable for pipes of diameter(100-300) mm   | 300        | = |
| 03-02-01665 | Auger root cutter suitable for cleaning root blockage in pipes of : (140) mm and (215) mm   | 300        | = |
| 03-02-01666 | Crown root cutter suitable for cleaning pipe blockage (dual purpose, i.e. silt breaker or fibrous root cutter):(140) mm and,( 215) mm .                                 | 300        | = |
| 03-02-01667 | Heavy duty PVC gloves size (10.5"), incorporating PVC granules on the palm and fingers to give high resistance to abrasion.   | 1000 Pairs |   |
|             | Heavy duty PVC gloves standard chrome leather for general purpose size 10.5"  | 1000 Pairs |   |
| 03-02-01668 | Rubber PVC (10-12) boots  | 1200       |   |

|             |   |                     |
|-------------|---|---------------------|
| 03-02-01669 | Face mask with filters giving acid cases  | 450                 |
| 03-02-01670 | Viking diving suits complete with breathing equipment and charged cylinder 13.6 kg for use with 1200 Ltr. Cylinders   | 300                 |
| 03-02-01671 | Semperit sewerage flushing hose type IK 15 with 8 BR tupe braided textile reinforcement and NR/BR cover nom ID - 25 mm, nom OD - 39 mm, standard length 120 m operating pressure 150 bar, 95 kg/m and Nossels 1" dia. | 1200 m.l            |
| 03-02-01672 | Mobile Water pump operated by benzin engine delivery diameter 2" q=60m3/hr,h=15m  | 1200 no.<br>200 No. |

**Section - 72 -  
Wire Winding For Motor**

| Code        | Standard wire guage | Size (mm) | Qty (ton)  |
|-------------|---------------------|-----------|------------|
| 03-02-01673 | 32.0                | 0.28      | 10         |
| 03-02-01674 | 31.0                | 0.29      | 10         |
| 03-02-01675 | 30.0                | 0.31      | 10         |
| 03-02-01676 | 29.0                | 0.35      | 10         |
| 03-02-01677 | 28.0                | 0.38      | 10         |
| 03-02-01678 | 27.0                | 0.43      | 10         |
| 03-02-01679 | 26.0                | 0.47      | 10         |
| 03-02-01680 | 25.5                | 0.48      | 10         |
| 03-02-01681 | 25.0                | 0.50      | 10         |
| 03-02-01682 | 24.5                | 0.54      | 10         |
| 03-02-01683 | 24.0                | 0.56      | 10         |
| 03-02-01684 | 23.0                | 0.61      | 10         |
| 03-02-01685 | 22.0                | 0.71      | 10         |
| 03-02-01686 | 21.5                | 0.75      | 10         |
| 03-02-01687 | 21.0                | 0.81      | 20         |
| 03-02-01688 | 20.0                | 0.90      | 20         |
| 03-02-01689 | 19.5                | 0.95      | 20         |
| 03-02-01690 | 19.0                | 1.00      | 20         |
| 03-02-01691 | 18.5                | 1.12      | 20         |
| 03-02-01692 | 18.0                | 1.20      | 20         |
| 03-02-01693 | 17.5                | 1.30      | 20         |
| 03-02-01694 | 17.0                | 1.40      | 20         |
|             | <b>TOTAL</b>        |           | <b>300</b> |

**SECTION 73  
Strainers**

| Code        | Description                                 | Qty NO.     |
|-------------|---|-------------|
| 03-02-01695 | Flanged Strainer complete withfoot valve :- |             |
|             | a- ( 100 ) mm dia                           | 250         |
|             | b- ( 150 )mm dia                            | 350         |
|             | c- ( 200 ) mm dia                           | 500         |
|             | d- ( 250 ) mm dia                           | 500         |
|             | e- ( 300 ) mm dia                           | 500         |
|             | f- ( 350 ) mm dia                           | 500         |
|             | g- ( 400 ) mm dia                           | 500         |
|             | h- ( 450 ) mm dia                           | 500         |
|             | i- ( 500 ) mm dia                           | 500         |
|             | j- (600 ) mm dia                            | 300         |
|             | k- (700 ) mm dia                            | 100         |
|             | <b>Total</b>                                | <b>4500</b> |

**SECTION 74  
Valves**

| Code               | Description   | Qty NO. |
|--------------------|---|---------|
| <b>03-02-01696</b> | <b>Double flanged butterfly valves with flanged socket &amp; spigot pieces, complete :-</b>     |         |
|                    | a- 1200 mm. dia.  | 200     |
|                    | b- 1000 mm. dia.  | 200     |
|                    | c- 900 mm. dia.   | 200     |
|                    | d- 800 mm. dia.   | 250     |
|                    | e- 700 mm. dia.   | 200     |
|                    | f- 600 mm. dia.   | 300     |
|                    | g- 500 mm. dia.   | 600     |
|                    | h- 450 mm. dia  | 600     |
|                    | l- 400 mm. dia  | 600     |
|                    | j- 350 mm. dia  | 600     |
|                    | k-300 mm. dia   | 800     |
| <b>03-02-01697</b> | <b>Double flanged gate valves complete with flanged socket &amp; spigot pieces, as below :-</b> |         |
|                    | a- 450 mm. dia.   | 400     |
|                    | b- 400 mm. dia.   | 600     |
|                    | c- 350 mm. dia.   | 400     |
|                    | d- 300 mm. dia.   | 800     |
|                    | e- 250 mm .dia.   | 700     |
|                    | f- 200 mm .dia.   | 600     |
|                    | g- 150 mm .dia.   | 600     |
|                    | k- 100 mm. dia.   | 800     |
| <b>03-02-01698</b> | <b>Double flanged (Non- return )valves complete with flanged socket &amp; spigot pieces :-</b>  |         |
|                    | a-1200 mm dia   | 50      |
|                    | b- 1000 mm dia  | 50      |
|                    | a- 900 mm. dia.   | 100     |
|                    | c- 800 mm. dia.   | 100     |

|                 |     |
|-----------------|-----|
| d- 700 mm. dia. | 100 |
| e- 600 mm. dia. | 150 |
| f- 500 mm .dia. | 200 |
| g- 450 mm .dia. | 250 |
| h- 400 mm .dia. | 250 |
| l- 350 mm. dia. | 400 |
| j- 300 mm. dia. | 400 |
| k- 250 mm. dia. | 500 |
| i- 150 mm. dia. | 500 |
| m- 100 mm. dia. | 500 |

**03-02-01699 Mechanical float valves complete :-**

|                 |     |
|-----------------|-----|
| a- 700 mm dia   | 100 |
| b- 600 mm dia   | 100 |
| c- 500 mm dia   | 100 |
| d- 400 mm dia   | 100 |
| e- 300 mm. dia. | 100 |
| f- 250 mm. dia. | 100 |
| g- 200 mm. dia. | 200 |
| h- 150 mm. dia. | 200 |
| i- 100 mm. dia  | 200 |

**03-02-01700 Double kynatic air valves complete with surfaca box :-**

|              |     |
|--------------|-----|
| - 100 mm dia | 550 |
|--------------|-----|

Total

**Section - 75 -**

**Electric Over Head Travelling Crane**

| Code         | Capacity (ton) | Clear Width Of Pumping Ro | Length Of Pu Center To Ce | Dimension Height from bra | Quantity (no) | Price (C.I.F) |
|--------------|----------------|---------------------------|---------------------------|---------------------------|---------------|---------------|
| 03-02-01701  | 5              | 8.5                       | 21                        | 3.5 0.3x 0.5 0.           | 5             | 10            |
| 03-02-01702  | 5              | 8.5                       | 21                        | 3.5 0.3x 0.5              | 9             | 10            |
| <b>TOTAL</b> |                |                           |                           |                           |               | <b>20</b>     |

**SECTION - 76-**

**Bor holes Pumps**

| Code        | Gov. Name | Project Name          | Q (m2/hr) | H (m) | Qty |
|-------------|-----------|-----------------------|-----------|-------|-----|
| 03-02-01703 | Nenewa    | Al-Baaja W.T.P        | 25        | 127   | 30  |
| 03-02-01704 | =         | Rabiaa W.T.P          | 25        | 127   | 30  |
| 03-02-01705 | =         | Singar W.T.P          | 25        | 200   | 30  |
| 03-02-01706 | =         | Shikhan W.T.P         | 25        | 200   | 30  |
| 03-02-01707 | Salahdeen | Brauagly W.T.P        | 50        | 132   | 50  |
| 03-02-01708 | =         | Brauagly W.T.P        | 50        | 40    | 20  |
| 03-02-01709 | Anbar     | Ruthba well Al-Nakhab | 25        | 250   | 30  |
| 03-02-01710 | =         | Al-Walled well        | 25        | 400   | 30  |
| 03-02-01711 | Mouthana  | Al-salman             | 32        | 150   | 30  |
| 03-02-01712 | =         | Al-salman             | 28        | 130   | 30  |
| 03-02-01713 | =         | BSAIA WELL            | 35        | 200   | 30  |
| 03-02-01714 | Tameem    |                       | 50        | 150   | 100 |
| 03-02-01715 | Diala     |                       | 50        | 150   | 100 |
| total       |           |                       |           |       | 540 |

**Section - 77 -**

**Air Blowers**

| Code         | Capacity (m3/h) | Head (m) | Qty        |
|--------------|-----------------|----------|------------|
| 03-02-01716  | 1600            | 10       | 26         |
| 03-02-01717  | 800             | 10       | 27         |
| 03-02-01718  | 600             | 10       | 28         |
| 03-02-01719  | 300             | 10       | 26         |
| 03-02-01720  | 400             | 10       | 26         |
| 03-02-01721  | 250             | 10       | 22         |
| 03-02-01722  | 200             | 10       | 27         |
| 03-02-01723  | 100             | 10       | 18         |
| <b>TOTAL</b> |                 |          | <b>200</b> |

**SECTION - 78 -**

**Horizontal End -suction Pump for compact unite**

| Code        | Q m3/h | H m | Qty | Motor Type | R.P.M |
|-------------|--------|-----|-----|------------|-------|
| 03-02-01724 |        | 60  | 20  | 350 S.C    | 1500  |
| 03-02-01725 |        | 60  | 50  | 350 S.C    | 1500  |
| 03-02-01726 |        | 60  | 60  | 243 S.C    | 1500  |
| 03-02-01727 |        | 250 | 20  | 140 S.C    | 1500  |
| 03-02-01728 |        | 14  | 35  | 1300 S.C   | 3000  |
| 03-02-01729 |        | 200 | 25  | 200 S.C    | 1500  |
| 03-02-01730 |        | 200 | 50  | 200 S.C    | 1500  |
| 03-02-01731 |        | 200 | 60  | 200 S.C    | 1500  |
| 03-02-01732 |        | 100 | 100 | 18 S.C     | 1500  |
| 03-02-01733 |        | 50  | 71  | 45 S.C     | 1500  |
| 03-02-01734 |        | 90  | 100 | 92 S.C     | 1500  |
| 03-02-01735 |        | 120 | 100 | 295 S.C    | 1500  |
| 03-02-01736 |        | 250 | 200 | 13 S.C     | 1500  |
| 03-02-01737 |        | 200 | 150 | 14 S.C     | 1500  |
| 03-02-01738 |        | 75  | 20  | 14 S.C     | 1500  |
| 03-02-01739 |        | 75  | 60  | 14 S.C     | 2900  |
| 03-02-01740 |        | 50  | 20  | 35 S.C     | 1500  |
| 03-02-01741 |        | 180 | 80  | 14 S.C     | 1500  |
| 03-02-01742 |        | 140 | 40  | 13 S.C     | 1500  |
| 03-02-01743 |        | 100 | 255 | 20 S.L     | 1500  |
| 03-02-01744 |        | 150 | 200 | 50 S.L     | 1500  |

TOTAL

3620

**Section - 79-  
Sewage Submersible Pumps**

| Code        | Capacity(m3/h) | Head(m) | Type of pump | Qty  |
|-------------|----------------|---------|--------------|------|
| 03-02-01745 | 10             | 15      | Raw Water    | 43   |
| 03-02-01746 | 100            | 25      | Sewage       | 200  |
| 03-02-01747 | 200            | 25      | Raw Water    | 170  |
| 03-02-01748 | 60             | 20      | Raw Water    | 550  |
| 03-02-01749 | 300            | 20      | Sewage       | 100  |
| 03-02-01750 | 150            | 20      | Raw Water    | 100  |
| 03-02-01751 | 180            | 15      | Sewage       | 20   |
| 03-02-01752 | 150            | 10      | Raw Water    | 15   |
| 03-02-01753 | 900            | 20      | Sewage       | 40   |
| 03-02-01754 | 80             | 20      | Sewage       | 30   |
| 03-02-01755 | 70             | 20      | Raw Water    | 60   |
| 03-02-01756 | 400            | 20      | Sewage       | 75   |
| 03-02-01757 | 400            | 45      | Raw Water    | 20   |
| 03-02-01758 | 20             | 15      | Raw Water    | 186  |
| 03-02-01759 | 15             | 20      | Raw Water    | 75   |
| 03-02-01760 | 800            | 25      | Sewage       | 40   |
| 03-02-01761 | 14             | 35      | Raw Water    | 54   |
| 03-02-01762 | 250            | 20      | Sewage       | 124  |
| 03-02-01763 | 120            | 20      | Raw Water    | 47   |
| 03-02-01764 | 2200           | 40      | Raw Water    | 15   |
| 03-02-01765 | 1100           | 20      | Raw Water    | 80   |
| 03-02-01766 | 600            | 20      | Sewage       | 20   |
| 03-02-01767 | 500            | 20      | Sewage       | 25   |
| 03-02-01768 | 35             | 15      | Raw Water    | 57   |
| 03-02-01769 | 40             | 40      | Raw Water    | 21   |
| 03-02-01770 | 60             | 40      | Raw Water    | 23   |
| 03-02-01771 | 20             | 50      | Raw Water    | 10   |
| 03-02-01772 | 500            | 50      | Sewage       | 4    |
| TOTAL       |                |         |              | 2204 |

**SECTION 80  
Cesspool empiter tanker**

| Code        | Description             | Qty | NO. |
|-------------|-------------------------|-----|-----|
| 03-02-01773 | Cesspool empiter tanker | 500 |     |

**Section - 81 -  
Thermal Over Load**

| Code        | Rating(A)   | Qty  |
|-------------|-------------|------|
| 03-02-01774 | (480 - 510) | 90   |
| 03-02-01775 | (440-460)   | 150  |
| 03-02-01776 | (240- 260)  | 250  |
| 03-02-01777 | (190 - 220) | 100  |
| 03-02-01778 | (170- 200)  | 100  |
| 03-02-01779 | (150-175)   | 70   |
| 03-02-01780 | (140-160)   | 200  |
| 03-02-01781 | (130- 150)  | 100  |
| 03-02-01782 | (110-130)   | 175  |
| 03-02-01783 | (105-125)   | 150  |
| 03-02-01784 | (90 -110)   | 300  |
| 03-02-01785 | (75- 105)   | 350  |
| 03-02-01786 | (65- 80)    | 70   |
| 03-02-01787 | (50- 70)    | 380  |
| 03-02-01788 | (45 -57)    | 60   |
| 03-02-01789 | (40 -80)    | 200  |
| 03-02-01790 | (30 -50)    | 300  |
| 03-02-01791 | (25 -35)    | 150  |
| 03-02-01792 | (24 - 40)   | 285  |
| 03-02-01793 | (20 - 60)   | 100  |
| 03-02-01794 | (18 - 25)   | 70   |
| 03-02-01795 | (15 -20)    | 200  |
| 03-02-01796 | (9- 12)     | 260  |
| 03-02-01797 | (3 - 6)     | 200  |
| 03-02-01798 | (0.5 - 1.5) | 100  |
| 03-02-01799 | (0.4-1)     | 150  |
| TOTAL       |             | 4560 |

**Section - 82 -  
Electrical And Mechanical Machine And Tools**

| Code        | Description  | Qty  |
|-------------|--|------|
| 03-02-01800 | Diesel Driven Welding Machine 40 H.P   | 35   |
| 03-02-01801 | Portable A.C Welding Machine<br>rated welding current (120-160) Amp.                                   | 20   |
| 03-02-01802 | Portable A.C Welding Machine<br>rated welding current( 200-400) Amp. & Acetylene welding set machine . | 40   |
| 03-02-01803 | Electro – pneumatic rotary hammers(5-14)mm   | 60   |
| 03-02-01804 | Electro – pneumatic rotary hammers(5-25)mm   | 60   |
| 03-02-01805 | Electro – pneumatic rotary hammers(10- 36)mm   | 60   |
| 03-02-01806 | Angle Crinders duoble insulated ,automatic brush cut , side handle                                     | 1500 |
| 03-02-01807 | Cut of machine and Tir for   | L.S  |
| 03-02-01808 | Tool Bag   | 300  |
| 03-02-01809 | electronic fault detectors for cable & hydraulic press machine for cable                               | 60   |



**SECTION 83**  
**Fitting for maintenance**

| Code        | Description  | Qty No. |
|-------------|--|---------|
| 03-02-01810 | Stainless steel repair clamps with rubber gasket and stainless steel bolts :-                              |         |
|             | a- 600 mm. dia.  | 1000    |
|             | b- 500 mm .dia.  | 1000    |
|             | c- 450 mm .dia.  | 1000    |
|             | d- 400 mm .dia.  | 700     |
|             | e- 350 mm. dia.  | 600     |
|             | f- 300 mm. dia.  | 2000    |
|             | g- 250 mm. dia.  | 3000    |
|             | h- 200 mm. dia.  | 5000    |
|             | i- 150 mm. dia.  | 5000    |
|             | j- 100 mm. dia.  | 6000    |
| 03-02-01811 | Couplings (Expansion joint )flat end for steel pipes :-  |         |
|             | a- 800 mm. dia.  | 150     |
|             | b- 600 mm .dia.  | 150     |
|             | c- 500 mm .dia.  | 200     |
|             | d- 450 mm .dia.  | 200     |
|             | e- 400 mm. dia.  | 200     |
|             | f- 350 mm. dia.  | 300     |
|             | i- 300 mm. dia.  | 300     |
|             | j- 250 mm. dia.  | 300     |
|             | k- 200 mm. dia.  | 300     |
|             | l- 150 mm. dia.  | 300     |
| 03-02-01812 | Ductile iron express collars complete with rubber rings stainless steel bolts/nuts and washers as below :- |         |
|             | a- 1000 mm. dia.   | 500     |
|             | b- 900 mm. dia.  | 500     |
|             | c- 800 mm. dia.  | 500     |
|             | d- 700 mm. dia.  | 500     |
|             | e- 600 mm. dia.  | 500     |
|             | f- 500 mm .dia.  | 600     |
|             | g- 450 mm .dia.  | 600     |
|             | h- 400 mm .dia.  | 600     |
|             | i- 350 mm. dia.  | 750     |
|             | j- 300 mm. dia.  | 750     |
|             | k- 250 mm. dia.  | 800     |
|             | l- 200 mm. dia.  | 1000    |
|             | m- 150 mm. dia.  | 1000    |
|             | n- 100 mm. dia.  | 1000    |
| 03-02-01813 | Couplings ( Expansion joint) flanged end for steel pipe :-   |         |
|             | a- 800 mm. dia.  | 500     |
|             | b- 600 mm. dia.  | 500     |
|             | c- 500 mm. dia.  | 500     |
|             | d- 450 mm .dia.  | 500     |
|             | e- 400 mm .dia.  | 500     |
|             | f- 350 mm. dia.  | 500     |
|             | g- 300 mm. dia.  | 500     |
|             | h- 250 mm. dia   | 500     |
|             | l- 200 mm. dia   | 500     |
|             | j- 150 mm. dia   | 500     |

**SECTION 84**  
**Circuit breaker**

| Code        | Rabing( A ) | Qty    |
|-------------|-------------|--------|
| 03-02-01814 | 10          | 1,200  |
| 03-02-01815 | 16          | 480    |
| 03-02-01816 | 20          | 665    |
| 03-02-01817 | 25          | 890    |
| 03-02-01818 | 32          | 520    |
| 03-02-01819 | 40          | 900    |
| 03-02-01820 | 63          | 1,840  |
| 03-02-01821 | 80          | 160    |
| 03-02-01822 | 100         | 1,800  |
| 03-02-01823 | 150         | 700    |
| 03-02-01824 | 160         | 950    |
| 03-02-01825 | 200         | 1,350  |
| 03-02-01826 | 250         | 1,350  |
| 03-02-01827 | 300         | 150    |
| 03-02-01828 | 400         | 1,100  |
| 03-02-01829 | 500         | 250    |
| 03-02-01830 | 630         | 700 *  |
| 03-02-01831 | 800         | 200    |
| 03-02-01832 | 1,000       | 450    |
| 03-02-01833 | 1,250       | 150    |
| 03-02-01834 | 1,600       | 110    |
| 03-02-01835 | 2,000       | 25     |
| 03-02-01836 | 2,500       | 180    |
| 03-02-01837 | 3,200       | 25     |
| 03-02-01838 | 4,000       | 10     |
| 03-02-01839 | 5,000       | 5      |
| Total       |             | 16,160 |

\* Note : (3) Circiut breaker of 630 A in (11) kv, ITL :- 16 kv  
IMX :- 40 kv

**SECTION 85**

**Cesspit jetting untis**

| Code        | Description           | Qty | NO. |
|-------------|-----------------------|-----|-----|
| 03-02-01840 | Cesspit jetting untis |     | 150 |

**Section -86 -  
Contactor**

| Code        | Rating (A) | Voltage of coil (V) | Qty    |
|-------------|------------|---------------------|--------|
| 03-02-01841 | 400        | SF6 (3.3kv)         | 35     |
| 03-02-01842 | 700        | 380                 | 600    |
| 03-02-01843 | 600        | 380                 | 450    |
| 03-02-01844 | 450        | 380                 | 450    |
| 03-02-01845 | 400        | 380                 | 125    |
| 03-02-01846 | 330        | 380                 | 150    |
| 03-02-01847 | 300        | 380                 | 350    |
| 03-02-01848 | 210        | 380                 | 150    |
| 03-02-01849 | 180        | 380                 | 350    |
| 03-02-01850 | 150        | 380                 | 300    |
| 03-02-01851 | 120        | 380                 | 250    |
| 03-02-01852 | 100        | 380                 | 280    |
| 03-02-01853 | 80         | 380                 | 280    |
| 03-02-01854 | 63         | 380                 | 280    |
| 03-02-01855 | 45         | 380                 | 200    |
| 03-02-01856 | 20         | 380                 | 200    |
| 03-02-01857 | 16         | 380                 | 200    |
| 03-02-01858 | 630        | 220                 | 180    |
| 03-02-01859 | 500        | 220                 | 150    |
| 03-02-01860 | 450        | 220                 | 200    |
| 03-02-01861 | 400        | 220                 | 260    |
| 03-02-01862 | 350        | 220                 | 300    |
| 03-02-01863 | 300        | 220                 | 300    |
| 03-02-01864 | 280        | 220                 | 150    |
| 03-02-01865 | 250        | 220                 | 360    |
| 03-02-01866 | 225        | 220                 | 270    |
| 03-02-01867 | 200        | 220                 | 400    |
| 03-02-01868 | 180        | 220                 | 300    |
| 03-02-01869 | 160        | 220                 | 480    |
| 03-02-01870 | 150        | 220                 | 1,250  |
| 03-02-01871 | 125        | 220                 | 750    |
| 03-02-01872 | 100        | 220                 | 1,000  |
| 03-02-01873 | 80         | 220                 | 800    |
| 03-02-01874 | 63         | 220                 | 1,000  |
| 03-02-01875 | 50         | 220                 | 700    |
| 03-02-01876 | 40         | 220                 | 450    |
| 03-02-01877 | 30         | 220                 | 500    |
| 03-02-01878 | 25         | 220                 | 300    |
| 03-02-01879 | 20         | 220                 | 500    |
| 03-02-01880 | 16         | 220                 | 850    |
| 03-02-01881 | 10         | 220                 | 450    |
| TOTAL       |            |                     | 16,350 |

**Section (87)  
Rescue Vehicles (SNORKLE)**

| Code No.    | Description               | Qty. |
|-------------|---------------------------|------|
| 03-02-01882 | Rescue vehicles (SNORKLE) | 10   |

**SECTION 88  
SPare part & equipment for shelter**

| Code        | Item | Description   |
|-------------|------|---|
| 03-02-01883 |      | Circuiation and cenrifngal pumps :  |
|             |      | Items      kw      R.P.M      PH      V      H(m)      Qm3/ h      HZ   |
|             | 1    | Circulation pump      0.25      2800      3      380      -      13-14      50  |
|             | 2    | Circulation pump      1.1      1415      3      380      -      53-54      50   |
|             | 3    | Circulation pump      2.2      1425      3      380      -      100      50   |
|             | 4    | Circulation pump      4      2900      3      380      75      10      50   |
|             | 5    | Circulation pump      7.5      2875      3      380      20      100      50  |
|             | 6    | Circulation pump      0.37      2810      3      380      6.5      11      50   |
|             | 7    | Circulation pump      3      2855      3      380      72      10      50   |
| 03-02-01884 |      | Compressed Air stution of air compressor with following specification<br>Max work pressure :- (10) bar<br>Normal pressure :- (7) bar<br>Flow rate :- (1.8) L/Sec At (7) bar<br>Quantity :- (90) PCs |
| 03-02-01885 |      | Circuit- Breaker :  |
|             |      | over loud rating A      Magnetic shc Current A  |
|             | 1    | 950 - 1600      -      1600   |
|             | 2    | 100 -160      1000 - 1900      160  |
|             | 3    | 63 - 100      600 -1150      100  |
|             | 4    | 63 - 100      260 - 500      40   |
|             | 5    | 63 - 100      160 - 320      25   |
|             | 6    | Oct-16 100 - 200      16  |
| 03-02-01886 |      | Spare parts for Cummins di  |
|             | 1    | Water pump assy   |
|             | 2    | Goveror wood ward assy  |
|             | 3    | Starter assy  |
| 03-02-01887 |      | Semi hermetic reciprocating compresor   |
|             |      | No of cylinder      R.P.M      KW      PH      HZ      V.      Pressure (BAR)   |

|   | Q m3/ s |   |      |      |   |    |     |    |           |
|---|---------|---|------|------|---|----|-----|----|-----------|
| 1 |         | 4 | 1500 | 20.5 | 3 | 50 | 400 | 31 | 12,22,502 |
| 2 |         | 4 | 1500 | 29.3 | 3 | 50 | 400 | 31 | 12,22,502 |

**SECTION 89  
Wrecker Fixed on Vehicles and truck**

| Code        | Description                                  | Qty |
|-------------|--|-----|
| 03-02-01888 | a. Wrecker fixed on vehicles chassis (2 x 4) | 100 |
| 03-02-01889 | b. Wrecker fixed on vehicles chassis (6 x 4) | 100 |
|             | Total  | 200 |

**SECTION 90  
SKY Lift**

| Code        | Description | Qty |
|-------------|-------------|-----|
| 03-02-01890 | SKY Lift    | 20  |

**SECTION 91  
POLYETHYLENE PIPES AND FITTINGS**

| Code        | Description  | Qty m.l |
|-------------|--|---------|
|             | A- polyethylene pipes should be working under 12 bars pressure all pipes should be supplied to our stores in a form of bundles not than (30) m each quantities as follows :            |         |
|             | NOMINAL SIZE   |         |
| 03-02-01891 | 1- 13 mm   | 1500000 |
| 03-02-01892 | 2- 19 mm   | 1000000 |
| 03-02-01893 | 3- 25 mm   | 750000  |
| 03-02-01894 | 4- 37 mm   | 300000  |
| 03-02-01895 | 5- 50 mm   | 300000  |
| 03-02-01896 | 6- 63 mm   | 100000  |
|             | B- UP.V.C saddle :   |         |
| 03-02-01897 | -(90) mm dia with brass ferrule suitable to connect poly ethylene line pipe mentioned in item (a) above of (13) mmdia  | 30000   |
| 03-02-01898 | - Ditto but to connect (19)mm dia  | 15000   |
| 03-02-01899 | - Ditto but to connect (25)mm dia  | 10000   |
| 03-02-01900 | -(110) mm dia with brass ferrule suitable to connect poly ethylene line pipe mentioned in item (a) above of (13) mmdia   | 200000  |
| 03-02-01901 | - Ditto but to connect (19)mm dia  | 100000  |
| 03-02-01902 | - Ditto but to connect (25)mm dia  | 50000   |
| 03-02-01903 | - Ditto but to connect (37)mm dia  | 30000   |
| 03-02-01904 | -(160) mm dia with brass ferrule suitable to connect poly ethylene line pipe mentioned in item (a) above of (13) mmdia   | 120000  |
| 03-02-01905 | - Ditto but to connect (19)mm dia  | 70000   |
| 03-02-01906 | - Ditto but to connect (25)mm dia  | 50000   |
| 03-02-01907 | - Ditto but to connect (37)mm dia  | 30000   |
| 03-02-01908 | - Ditto but to connect (50)mm dia  | 10000   |
| 03-02-01909 | -(225) mm dia with brass ferrule suitable to connect poly ethylene line pipe mentioned in item (a) above of (13) mmdia   | 100000  |
| 03-02-01910 | - Ditto but to connect (19)mm dia  | 50000   |
| 03-02-01911 | - Ditto but to connect (25)mm dia  | 30000   |
| 03-02-01912 | - Ditto but to connect (37)mm dia  | 20000   |
| 03-02-01913 | - Ditto but to connect (50)mm dia  | 10000   |
| 03-02-01914 | - Ditto but to connect (63)mm dia  | 20000   |
| 03-02-01915 | C- Tapping tool complete with ratcet , (3) cutter for p.v.c , saddle adaptor, pipe adapter and portable tool bol with hexogen key and lever for tapping saddle branch dia as follows : |         |
|             | ( 16 - 25 ) mm   |         |
|             | ( 32 - 40 )mm  | 500     |
|             | ( 50 - 63 ) mm   |         |

**SECTION 92  
Cement Cylo Vehicles**

| Code        | Description          | Qty |
|-------------|----------------------|-----|
| 03-02-01916 | Cement Cylo Vehicles | 50  |

**SECTION -93-  
Communication System**

| Code        | Description                                  | Qty |
|-------------|--|-----|
| 03-02-01917 | Wirless System HF Transceiver with accessori | 285 |
| 03-02-01918 | Switching Digital PABX 2000 Line with access | 1   |
| 03-02-01919 | Ditto 500 Line with accessories              | 5   |
| 03-02-01920 | Ditto 200 Line with accessories              | 22  |
| 03-02-01921 | Digital Key System with accessories          | 270 |
| 03-02-01922 | Wirless Telephone with accessories           | 20  |

**SECTION -94-  
Motor Cycle**

| Code        | Description | Qty |
|-------------|-------------|-----|
| 03-02-01923 | Motor Cycle | 500 |

**SECTION -95-  
Rescue Boat**

| Code        | Description | Qty |    |
|-------------|-------------|-----|----|
| 03-02-01924 | Rescue Boat |     | 50 |

**Section (96)  
Spare parts for asphalt factory**

| Code        | Description                       | Qty |  |
|-------------|-----------------------------------|-----|--|
| 03-02-01925 | For Factory Capacity 100 ton /hr. | L.S |  |
| 03-02-01926 | For Factory Capacity 50 ton /hr.  | L.S |  |

**Section (97)  
Road Sweeping Vehicle**

| Code        | Description           | Qty |     |
|-------------|-----------------------|-----|-----|
| 03-02-01927 | Road Sweeping Vehicle |     | 150 |

**Section (98)  
Printing Machine and Reducer And enlarger drawing**

| Code        | Description                                  | Qty |    |
|-------------|--|-----|----|
| 03-02-01928 | Printing Machine and Reducer And enlarger di |     | 50 |

**Section (99)  
Equipment for keeping drawing**

| Code        | Description                   | Qty |    |
|-------------|-------------------------------|-----|----|
| 03-02-01929 | Equipment for keeping drawing |     | 50 |

**Section (100)  
Asbestos suit**

| Code        | Description   | Qty |      |
|-------------|---------------|-----|------|
| 03-02-01930 | Asbestos suit |     | 3000 |

**Section (101)  
Breathing Apparaches**

| Code        | Description          | Qty |      |
|-------------|----------------------|-----|------|
| 03-02-01931 | Breathing Apparaches |     | 3000 |

**Section (102)  
Fire Man Helmet**

| Code        | Description     | Qty |      |
|-------------|-----------------|-----|------|
| 03-02-01932 | Fire Man Helmet |     | 3000 |

**Section (103)  
Light Torch**

| Code        | Description            | Qty |     |
|-------------|------------------------|-----|-----|
| 03-02-01933 | Mechanical Light Torch |     | 500 |
| 03-02-01934 | Manual Torch           |     | 500 |

**Section (104)  
Rescue Vehicle**

| Code        | Description          | Qty |     |
|-------------|----------------------|-----|-----|
| 03-02-01935 | Light Rescue Vehicle |     | 200 |
| 03-02-01936 | Heavy rescue vehicle |     | 200 |

**Section (105)  
Fire Fighting Vehicle for different puposes**

| Code        | Description                                 | Qty |    |
|-------------|---|-----|----|
| 03-02-01937 | Fire Fighting Vehicle for different puposes |     | 64 |

**Section (106)  
Supporting fire fighting vehicle**

| Code        | Description                      | Qty |     |
|-------------|----------------------------------|-----|-----|
| 03-02-01938 | Supporting Fire Fighting Vehicle |     | 100 |

**Section (107)  
River fire fighting Boot**

| Code        | Description              | Qty |    |
|-------------|--------------------------|-----|----|
| 03-02-01939 | River Fire Fighting Boot |     | 15 |

**Section (108)  
Fire Extingushire**

| Code        | Description       | Qty |      |
|-------------|-------------------|-----|------|
| 03-02-01940 | Fire Extingushire |     |      |
|             | A. capacity 6 kg  |     | 7500 |
|             | B. capacity 12 kg |     | 7500 |

**Section (109)  
Fire Fighting chemical powder**

| Code        | Description                   | Qty     |  |
|-------------|-------------------------------|---------|--|
| 03-02-01941 | Fire Fighting chemical powder | 300 ton |  |

**Section (110)  
Communication station for fire fighting purposes**

| Code        | Description                                      | Qty |    |
|-------------|--|-----|----|
| 03-02-01942 | Communication station for fire fighting purposes |     | 16 |

**Section (111)  
EARLY WARNING SIREN  
SYSTEM**

| Code        | Description                | Qty |     |
|-------------|----------------------------|-----|-----|
| 03-02-01943 | EARLY WARNING SIREN SYSTEM |     | 120 |

**Section ( 112)  
Lighting Vehicles**

| Code        | Description       | Qty |    |
|-------------|-------------------|-----|----|
| 03-02-01944 | Lighting Vehicles |     | 64 |

**Section ( 113)  
Saloon Cars**

| Code        | Description | Qty |      |
|-------------|-------------|-----|------|
| 03-02-01945 | Saloon Cars |     | 1000 |

**SECTION 114  
COMPUTERS / COMMUNICATION /GIS  
SYSTEM COMPLETE WITH PRINTER AND ACCESSORIES**

| CODE        | DISCRPTION   | QTY.        |
|-------------|--|-------------|
| 03-02-01946 | PENTIUM III  | 938         |
| 03-02-01947 | MAIN SYSTEM PENTIUM III FILE SILVER                    | 73          |
| 03-02-01948 | WORK STATION PENTIUM III                               | 902         |
| 03-02-01949 | HUBS 8 PORT OUTLETT WITH CABLES AND CONNECTORS         | 3           |
| 03-02-01950 | DATA SWITCH 5X1 PORT                                   | 4           |
| 03-02-01951 | SPACIAL WHILE COMPUTER BOARD                           | 3           |
| 03-02-01952 | SVGA PROJECTOR   | 10          |
| 03-02-01953 | PHOTO GRAPHIC CAMERA                                   | 10          |
| 03-02-01954 | VIDO INPUT /OUTPUT INTERFACE                           | 10          |
| 03-02-01955 | HP LASER JET 8000 (COLOR)                              | 149         |
| 03-02-01956 | HP LASER JET 1100 (BLACK AND WHITE )                   | 489         |
| 03-02-01957 | POWER SUPPLY (UPS)                                     | 125         |
| 03-02-01958 | HP SCANNER   | 120         |
| 03-02-01959 | SCANER A4  | 717         |
| 03-02-01960 | SCANER A0  | 2           |
| 03-02-01961 | PEN PLOTER   | 40          |
| 03-02-01962 | JAZZ DRIVER  | 91          |
| 03-02-01963 | ELECTRICAL TYPE WRITE ARABIC /ENGLISH                  | 170         |
| 03-02-01964 | FLOPPY DISK 3.5 H.D                                    | 470 BOX     |
| 03-02-01965 | CD BLANK   | 100 BOX     |
| 03-02-01966 | FANFORD PAPER  | 120 BOX     |
| 03-02-01967 | UPS 1.5 -5 K.V.A BRAND NAME                            | 506         |
| 03-02-01968 | MODEM CARD ( EXTERNAL ) BRAND NAME                     | 135         |
| 03-02-01969 | NOTE BOOK PC   | 109         |
| 03-02-01970 | SUPER MINI COMPUTER                                    | 12          |
| 03-02-01971 | LINE PRINTER 2000 LPM A3                               | 45          |
| 03-02-01972 | EPSON PRINTER DFX 8500 DOT MATRIX                      | 100         |
| 03-02-01973 | EPSON PRNTER LQ 2180 OR HIGHER                         | 709         |
| 03-02-01974 | COMPUTERRIZE TRANSMISSION STATION SYSTEM               | 2           |
| 03-02-01975 | COMPUTERRIZE RECIVING UNITS                            | 10          |
| 03-02-01976 | SVGA SCREEN 1.5 M x 3M                                 | 2           |
| 03-02-01977 | DIGITIZER(ACCUTAR )SURFACE LIT DIGITIZER               | 2           |
| 03-02-01978 | EPSON (A0) LASER INK JET PRINTER                       | 5           |
| 03-02-01979 | EPSON (A0) MAP PLOTTER                                 | 5           |
| 03-02-01980 | DIGITAL CAMMERA SONY MAUICA                            | 36          |
| 03-02-01981 | ID CARD BY PRE- PRINTER                                | 20 million  |
| 03-02-01982 | ELECTRICAL PAPER COTTER                                | 34          |
| 03-02-01983 | STANDARD CLEAR LAMINATION FILM                         | 20 million  |
| 03-02-01984 | LAMINATION WITH SPECIAL HOT STAMP                      | 100         |
| 03-02-01985 | ID CARD SYSTEM   | 50          |
| 03-02-01986 | EQUIPMENT FOR FIXING NETWORK                           | 30 net work |
| 03-02-01987 | COMPUTER MAKINTOSH UPDATE                              | 2           |
| 03-02-01988 | SWITCH HUB OF 100 BPS& 16PORT                          | 10          |
| 03-02-01989 | UTP LAN CABLE WITH ACCESSORIES                         | 3000M       |
| 03-02-01990 | VOLTAGE STABILISER 1000 VA                             | 100         |
| 03-02-01991 | SPECIAL DISK DRIVE 2.6GB                               | 2           |
| 03-02-01992 | ZIP DRIVE WITH( 30 ) MEDIA                             | 4           |
| 03-02-01993 | CD RECORDABLE( RE- WRITE)                              | 15          |
| 03-02-01994 | PIXEL VIEW CARD 8 MB 34 FLAT SCREEN TV WITH WALL STAND | 2           |
| 03-02-01995 | HEAVY DUTY COVER MACHINE                               | 20          |
| 03-02-01996 | WIRE LESS EQUIPMENT FOR CARS H.VHF                     | 500         |
| 03-02-01997 | MANUAL WIRE LESS EQUIPMENT 5-45 H.VHF                  | 500         |
| 03-02-01998 | OFFICE WIRE LESS EQUIPMENT H.VHF                       | 100         |
| 03-02-01999 | ELECTRONIC EXCHANGER RATE 400+40                       | 1           |
| 03-02-02000 | ELECTRONIC EXCHANGER RATE 100+10                       | 20          |
| 03-02-02001 | FILES STORAGE EQUIPMENT TYPE CARDEX                    | 10          |
| 03-02-02002 | LAMINATORS WITH SPECIAL HOT STAMP                      | 100         |
| 03-02-02003 | LIVE SCANNER   | 20          |
| 03-02-02004 | HPLASER JET 2100 8MB RAM                               | 6           |

|             |   |         |
|-------------|---|---------|
| 03-02-02005 | EXTERNAL HARD DRIVE 500 GB ( MIRROR HARD)   | 2       |
| 03-02-02006 | PAPER A3 CABROWIZE TO SHEET                 | 100 BOX |
| 03-02-02007 | PAPER A3 SINGLE SHEET                       | 100 BOX |
| 03-02-02008 | PAPER SHEETS ( ROLLS SIZE A0) 50 M EACH ROL | 50 BOX  |
| 03-02-02009 | CONTINUAS PAPER SINGLE SHEET                | 50 BOX  |
| 03-02-02010 | GPS DEVICES                                 | 1000    |
| 03-02-02011 | TRANSMITTER DEVICES                         | 1000    |
| 03-02-02012 | RECEIVERS DEVICES                           | 20      |
| 03-02-02013 | WRITE PAPER A4 80 GRAMM2                    | 500 BOX |
| 03-02-02014 | PAPER SERIES CARBONIZE TO SHEET             | 150 BOX |
| 03-02-02015 | WIERLESS SECURITY MONITORING SYSTEM         | 1       |

**Section ( 115)**  
**Wireless Control System**

| Code        | Description                             | Qty |
|-------------|---|-----|
| 03-02-02016 | Wirless Control System (10) VHF Channel | 10  |
| 03-02-02017 | Wirless equipment for cars H.VHF        | 500 |
| 03-02-02018 | Manual Wirless equipment S.N 5H.VHF     | 500 |
| 03-02-02019 | Table Wirless equipment H.VHF           | 100 |

**Section ( 116)**  
**Electronic Operator**

| Code        | Description                           | Qty |
|-------------|---------------------------------------|-----|
| 03-02-02020 | Electronic Operator capacity 400 + 40 | 1   |
| 03-02-02021 | Electronic Operator capacity 100 + 10 | 20  |

**Section ( 117)**  
**Iron equipment for keeping document**

| Code        | Description  | Qty |
|-------------|--|-----|
| 03-02-02022 | Iron Equipment For Keeping Document Type Kaodiks capacity 15000 file for one storage | 10  |

**Section ( 118)**  
**Cooling siplite unit equipment**

| Code        | Description                               | Qty |
|-------------|---|-----|
| 03-02-02023 | Cooling siplite unit equipment 2400 B.T.U | 20  |

**SECTION (119)**  
**Vacumme Loader for using in the sewer system**

| Code        | Description                                  | Qty |
|-------------|--|-----|
| 03-02-02024 | Vacumme Loader for using in the sewer system | 50  |

**Section ( 120)**  
**Small Compactor**  
**Small Compactor**

| Code        | Description     | Qty |
|-------------|-----------------|-----|
| 03-02-02025 | Small Compactor | 50  |

**Section ( 121)**  
**Site Library**  
**Site Library**

| Code        | Description  | Qty |
|-------------|--------------|-----|
| 03-02-02026 | Site Library | 10  |

**Section (122)**  
**Drawing photo copy machine and photo copy machine**

| Code        | Description                | Qty |
|-------------|----------------------------|-----|
| 03-02-02027 | Drawing photo copy machine | 25  |
| 03-02-02028 | photo copy machine         | 150 |

**Section (123)**  
**Theodolite and Level instrument**

| Code        | Description      | Qty |
|-------------|------------------|-----|
| 03-02-02029 | Theodolite       | 10  |
| 03-02-02030 | Level instrument | 10  |

**SECTION (124)**  
**PRE PRINTING LINES ON PVC CARDS WITH SPARE PARTS**  
**DISCRIPTION**

| CODE NO     | DISCRIPTION   | QTY |
|-------------|---|-----|
| 03-02-02031 | PRINTING LINE FOR PRE-PRINTING ON PVC I-D CARDS.<br>TRANSVARO PRINTING LINE WITH CAPABLTY OF FULL COLOR PRINTING<br>DOUBLE SIDE PRINTING<br>WATER LESS UV COLOR<br>SHADOW PRINTING<br>FINE LINE PRINTING CABABLE<br>MICROPRINTNG CABALE<br>LAMINATION OF COATING FOR PVC CARD | 1   |

|             |  |  |
|-------------|--|--|
|             | TREATMENT ON PVC (SI) DIMENTION 86 / 54 PRODUCTION<br>THKNIS OF WORKING BETWEEN 0.6/ 1. SPEED 6000 CARD /HOUR ORE MORE SINGLE PRODUCTION SPEED.<br>ALL COLOR TREATMENT AND DESIGN MUST BE COMPUTRIZE<br>ALL THE LINE PRECEDURE MUST BE CONTROLLED BY COMPUTER<br>COMPUTER AIDED DESIGN<br>ALL FARNITURE FROM TABELS AND CHIARS AND ALL NECESSARY EQUIPMENT FOR THE LINE MUST BE SUPPLYED | GIVE<br>DETAILE<br>S                             |
| 03-02-02032 | HOLLY GRAM PRODUCTION LINE MACHINES 3000 LABLE /HOUR. COMPUTER AIDED DESIGN  | 1  |
| 03-02-02033 | HOLLY GRAM POSITONING STAMPING MACHINES 3000 LABEL /HOUR. WOKING BAY COMPUTER AND LASER POSITIONING .  | 1  |
| 03-02-02034 | CUTTING MACHINES FOR :<br>ROUNDED CORNERS FOR PVC CARD<br>HIGH PERSCISION CATTING<br>LASER CUT LAMINATION<br>DIMENSSION OF WORK (86/54)<br>SPEED 7500 CARD /HOUR   | 1  |
| 03-02-02035 | BLANK PVC CARD WORKING WITGH LINE 1 ABOVE<br>ULTRA CARD III<br>COMPOSIT METERIAL (POLYSTER CORE)<br>GIVE RATIO<br>THKNES OF CARDS .7 SI<br>DIMENTION (86/54) SI<br>Magnetic line on back<br>ALL DETAILES OF METERIAL MUST BE GIVEN and COMPLY THE SPECIFICATION OF (SI)  | 40000000   |
| 03-02-02036 | GOLDEN AND SILVER FOILE FOR HOLLY GRAM FOR ITEM 2 ABOVE<br>COMPLY THE QUANTTTY OF (40,000,000) CARD.   | COMPLY<br>40000000                               |
| 03-02-02037 | UV WATER LESS PAINTES REQUIERD FOR 40,000,000 LOGO   | LOGO<br>PER GALLON                               |
| 03-02-02038 | OFFSET PAINTS FOR COMPLY 40,000,000 CARD FULL COLOR  | GIVE DETAILES<br>PER GALLON                      |
| 03-02-02039 | COOLING MACHINE THAT COMPLY THE WORKING MEDIA 25 CENTGRATE (ROOM CONDITIONER WORK)   | GIVE DETAILES<br>PER TON                         |
| 03-02-02040 | STAND BY GENERATOR REQUIERD FOR MACHINES ABOVE. POWER OF THE GENERATOR MUST BE MORE THAN POWER OF FULL LOAD BY 20 % WITH SPARE PARTS.  | GIVE DETAILES<br>1                               |
| 03-02-02041 | SPARE PARTS FOR ALL MACHINE IN ITEMS 1,2,3,4<br>REQUIRED FOR WORKING 3 YEAR WARNTTY OF THE LINE PARTS.<br>THE SUPPLIER MUST GIVE INSURANCE FOR WARKING 3 YEAR WARNTY<br>ANY NECESSARY EQUIPMENT RECOMMENDED MUST BE GIVEN  | GIVE DETAILS<br><br>GIVE DETAILS<br>GIVE DETAILS |

**SECTION - 125 -  
Asphalt Factory**

| Code        | Description                        | Qty. |
|-------------|------------------------------------|------|
| 03-02-02042 | Asphalt Factory 250 – 300 ton / hr | 200  |

**SECTION -126 -  
Twin Crusher**

| Code        | Description                     | Qty. |
|-------------|---------------------------------|------|
| 03-02-02043 | Twin Crusher 150 – 300 ton / hr | 200  |

**SECTION -127 -  
Bitumen Tank Trailer**

| Code        | Description          | Qty. |
|-------------|----------------------|------|
| 03-02-02044 | Bitumen Tank Traller | 100  |

**SECTION -128-  
Bitumen Sprayer Tank**

| Code        | Description          | Qty. |
|-------------|----------------------|------|
| 03-02-02045 | Bitumen Sprayer Tank | 100  |

**SECTION -129 -  
Antimine and Bomb clearanceVehicle**

| Code        | Description                        | Qty. |
|-------------|------------------------------------|------|
| 03-02-02046 | Antimine and Bomb clearanceVehicle | 10   |

**SECTION -130 -  
Antimine and Bomb clearance equipment**

| Code        | Description                           | Qty. |
|-------------|---------------------------------------|------|
| 03-02-02047 | Antimine and Bomb clearance equipment | 20   |

**SECTION -131 -  
Different Wood**

| Code        | Description                 | Qty.    |
|-------------|-----------------------------|---------|
| 03-02-02048 | White Wood                  | 1000 m3 |
| 03-02-02049 | Teak Wood                   | 1000 m3 |
| 03-02-02050 | Ordinary Ply Wood           | 3000    |
| 03-02-02051 | Teak Ply Wood               | 2000    |
| 03-02-02052 | Board Block Wood Size 19 mm | 500     |

**SECTION -132 -  
Laizer Printer**

| Code        | Description    | Qty. |
|-------------|----------------|------|
| 03-02-02053 | Laizer Printer | 200  |

**SECTION -133 -  
Accessories For Carpentry Factory**

| Code        | Description                       | Qty.      |
|-------------|-----------------------------------|-----------|
| 03-02-02054 | Accessories For Carpentry Factory | Different |

**SECTION -134 -  
Concrete Mixer Vehicles**

| Code        | Description             | Qty. |
|-------------|-------------------------|------|
| 03-02-02055 | Concrete Mixer Vehicles | 50   |

**SECTION -135 -  
Concrete Pump**

| Code        | Description   | Qty. |
|-------------|---------------|------|
| 03-02-02056 | Concrete Pump | 5    |

**SECTION -136 -  
Concrete Plant**

| Code        | Description                     | Qty.     |
|-------------|---------------------------------|----------|
| 03-02-02057 | Concrete Plant with spare parts | 15 units |

**SECTION (137)**

**Equipment;s & standard parts for water treatment plant 200 m3/hr**

A:

| Code No.    | discription   | Qty      |
|-------------|---|----------|
| 03-02-02058 | plate (A515 Gr 70)(A516 Gr 70)(A285 GR.C)<br>8,10,12,16,18,20,24,28,30,40,50,60,<br>70*6000*3000  | 1000 ton |
| 03-02-02059 | flange A105 12",14",18",20",24"<br>150"# S.O.R.F  | 250 Ton  |
| 03-02-02060 | tube A 179 1/2",3/4",1" (12,14 BWG)<br>6000LG and Pipe A106 GRB<br>1.5",2",2.5",3"12",14",16",20",24"<br>SCH STD 6000LG   | 70000 m  |
| 03-02-02061 | Reverse osmosis unit complete with all acc. & spare parts for one- year operation. Provide one unit completes with all uments drawing and list of components.The remain quantity provides-out as Kits. Production flow 75 3/hr inlet flow 100 m3/hr Recovery 75 No. of membranes 45 E- motor Power (kW) 75 Dimintion 9*2.35*2.4               | 15 UNIT  |
| 03-02-02062 | Reverse osmosis unit complete with all acc. & spare parts for one- year operation. Provide one unit completes with all documents & drawing and list of components. The remain quantity provides - out as Kits. Production flow 100 m3/hr inlet flow 133.5 m3/hr Recovery 74.9 No. of membranes 96 E- motor Power (kW) 75,Dimintion 9*2.35*2.4 | 15 UNIT  |



|             |  |          |
|-------------|--|----------|
| 03-02-02063 | Welding electrodes (E7018)ok 48.04 Din 1913(3,25,4,5)mm                  | 400 ton  |
| 03-02-02064 | Grinding wheel (A305 B-81) (180*7*22.2)                                  | 50000    |
| 03-02-02065 | Electro - Mechanical parts for (water treatment plants 50m3/hr,200m3/hr) | 2500 pcs |

|             |   |                |
|-------------|---|----------------|
| 03-02-02066 | ALUMINIUM SULPHATE PLANT OF CAPACITY ( 50000 MT/YEAR) FOR PRODUCING ALUM. SULPHATE USED FOR DRINKING WATER PURIFICATION INPUT RAW MATERIAL TO BE USED (LOCAL KAOLIN CLAY) | COMPLETE PLANT |
| 03-02-02067 | TRUCK MOUNTED DRILLING RIG USED IN ORE PROSPECTING AND HYDROGEOLOGIC SURVEY   | 3 NOS.         |
| 03-02-02068 | ELECTRIC BUCKET WHEEL EXCAVATOR . LOADING CAPACITY 300 M.TON/HR   | 2 NOS.         |
| 03-02-02069 | SANDVIK ALUM. SULPHATE COOLING BELT . BELT LENGTH 100 M.  | 2 NOS.         |
| 03-02-02070 | CENTRIFUGAL PUMP - VERTICAL COMPLETE WITH MOTOR CAPACITY 195 M <sup>3</sup> /HR.  | 6 NOS.         |
| 03-02-02071 | FLAT RUBBER CONVEYOR BELT (WIDTH 1000 MM. ) ( THICKNESS 16 MM. )  | 10000 M        |
| 03-02-02072 | CENTRIFUGAL AIR COMPRESSOR CAPACITY 1800 M <sup>3</sup> /HR. PRESSURE 24 BAR  | 6 NOS.         |
| 03-02-02073 | A . DRILLING PIPE WITH TOOL JOINT ( 3 1/2 INCH DIA.)  | 1000 M.        |
| 03-02-02074 | B . CORE BARREL DOUBLE TUBE FOR CORE DRILLING   | 30 NOS.        |
| 03-02-02075 | GALVANIZED CARBON STEEL PIPE ( DIA. 1 1/2 " & 3" ) CARBON STEEL CASING PIPE ( DIA. 8 5/8 " )  | 30000 M        |
| 03-02-02076 | WHEEL LOADER . BUCKET 4-5 M <sup>3</sup>  | 2 NOS.         |
| 03-02-02077 | BULLDOZER 350 - 400 HP  | 2 NOS.         |
| 03-02-02078 | Industrial water treatment plan in mosul  | 1              |

**Section - 138-  
Jacking Equipment**

| CODE        | Description       | Qty |
|-------------|-------------------|-----|
| 03-02-02079 | Jacking Equipment | 50  |

**Section - 139-**

| CODE        | Description                                      | Qty |
|-------------|--|-----|
| 03-02-02080 | Leakage Detector Equipment for water network     | 50  |
| 03-02-02081 | Leakage Detector Equipment for sewerage net work | 50  |

**Section - 140-  
Pile Equipment**

| Code        | Description   | Qty       |
|-------------|---|-----------|
| 03-02-02082 | Pile Equipment  | 30        |
| 03-02-02083 |   |           |
| 03-02-02084 | Spare parts for cars type HYUNDAI ACCENT 2001   | Different |
| 03-02-02085 | Spare parts for cars type HYUNDAI ACCENT 1997   | Different |
| 03-02-02086 | Spare parts for cars NISSAN PATROL  | Different |
| 03-02-02087 | Spare parts for cars JMC Truck  | Different |
| 03-02-02088 | Spare parts for cars FAW- Pick-up   | Different |
| 03-02-02089 | Spare parts for cars OLDESMOUBLE  | Different |
| 03-02-02090 | Sokkia Set 4110 Electronic Total station comprising display 1 sec, accuracy 5 secs, full processing software for surveying and setting out including 2 rechargeable nickel batteries, quick battery charger, tubular compass, sun shade, lens cap, plumb cap, rain cover, tool kit, carrying case, operator manual and atmospheric charts | 5 Nos     |
| 03-02-02091 | Planimeter 1 X KP90N - length 30mtr   | 20 Nos    |
| 03-02-02092 | Colour Scanner A3, automatic feeder B813113,30 P capacity, 2400 x 600 resolution, USB + SCSI + parallel interface, 220/50 V/Hz PS, duplex capability.   | 20        |

|             |   |                                    |
|-------------|---|------------------------------------|
| 03-02-02093 | Computerized microfiche/ jacket/ roll microfilm scanner, automatic feeder 75 fiche, M565 software compatible with windows, high efficiency mechanism, 16 mm/ 35mm capacity, 220/ 50 V/ HZ PS. | 2                                  |
| 03-02-02094 | 10 GB external optical writer   | 10                                 |
| 03-02-02095 | Optical media 10 GB   | 100                                |
| 03-02-02096 | DVD/R CD/R publisher copy system (duplicator)   | 2                                  |
| 03-02-02097 | A 3 laser printer, 600 x 600 DPI. 40 ppm (A4), 20 ppm (A3). 64 MB ram expandable up to 256 MB. Toner cartridge used up to 20000 P.  | 1000 bend                          |
| 03-02-02098 | Juke box tower system, capacity of 150 CD at least, high technology organization support software windows.  | 2                                  |
| 03-02-02099 | A4 laser cut paper  | 1000 bend                          |
| 03-02-02100 | A3 laser cut paper  | 1000 bend                          |
| 03-02-02101 | LAN installation requirements for 50 station UTP connector UTP crimping tool HUB disrupter 16 port LAN card Software installation for LAN   | 500 M<br>150<br>2<br>10<br>50<br>3 |