

| Code        | Items                                                                                                                                                                       | Specification        | Qty                    |                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------|-------------------|
| 07-60-00000 | Asphaltic Concrete Batching plant with all necessary equipment and tanks for Diesel asphalt; Silos for cement; Bins and crushing machine for gravel with stand by generator | 200Ton / H           | 10                     |                   |
| 07-60-00001 | Tanker for transporting Asphalt with heater                                                                                                                                 | Up to 30 ton cap.    | 30                     |                   |
| 07-60-00002 | Finisher for paving Asphalt concrete                                                                                                                                        |                      | 20                     |                   |
| 07-60-00003 | Mobile boiler for spreading Tack - and prime coat.                                                                                                                          |                      | 10                     |                   |
| 07-60-00004 | Crawler loader                                                                                                                                                              | Up to 2 m 3          | 30                     |                   |
| 07-60-00005 | Silo for cement transporting bulck cement                                                                                                                                   | Cap. 35 Ton          | 24                     |                   |
| 07-60-00006 | Concrete batching plant with all equipments                                                                                                                                 | Cap up to 180 M3 /hr | 6                      |                   |
| 07-60-00007 | Truck mounted pump crete and able to pump concrete max. size 40 mm by a vertical distance 150 m and horizontal distance 600m .                                              | Cap 30-60 m3 /h      | 18                     |                   |
| 07-60-00008 | Buldozer crawler mounted                                                                                                                                                    |                      | 30                     |                   |
| 07-60-00009 | Concrete mixer truck                                                                                                                                                        | 6m3                  | 45                     |                   |
| 07-60-00010 | Pickup                                                                                                                                                                      |                      | 400                    |                   |
| 07-60-00011 | Deformed steel bars grad 60 according to ASTM 615 dia (18 mm , 12mm , 10mm ) .                                                                                              | ASTMA 615            | 3000 ton for each size |                   |
| 07-60-00019 | Dump truck                                                                                                                                                                  | Dump truck           | 100 pcs                | cap up to 35 tons |
| 07-60-00020 | Galvanized corrugated sheets                                                                                                                                                | 3m and 3.6 m Length  | 150 ton each           |                   |
| 07-60-00021 | Metro locomotives                                                                                                                                                           |                      | 4                      |                   |
| 07-60-00022 | Metro cars                                                                                                                                                                  |                      | 12                     |                   |
| 07-60-00023 | Galvanized sheet                                                                                                                                                            | Gauge 14-16-18 20-24 | 100 ton for each       |                   |
| 07-60-00024 | Electric Motors                                                                                                                                                             | Up to 120 hp         | 500                    |                   |
| 07-60-00029 | Submersible Pumps                                                                                                                                                           | Up to 500 m3 / H     | 300                    |                   |

|             |                                                                                  |                                                   |                        |  |
|-------------|----------------------------------------------------------------------------------|---------------------------------------------------|------------------------|--|
| 07-60-00030 | Excavator                                                                        | Crawler                                           | 20                     |  |
| 07-60-00031 | Excavator                                                                        | Wheel                                             | 20                     |  |
| 07-60-00032 | Tandem Roller                                                                    |                                                   | 20                     |  |
| 07-60-00033 | Vibrating Pneumatic - Tired roller                                               |                                                   | 20                     |  |
| 07-60-00034 | Pad foot tandem roller                                                           |                                                   | 20                     |  |
| 07-60-00035 | Motor / grader                                                                   |                                                   | 20                     |  |
| 07-60-00036 | Fuel tanker truck                                                                | 16 m3                                             | 40                     |  |
| 07-60-00039 | Drinking Water tanker truck                                                      | 16 m3                                             | 100                    |  |
| 07-60-00040 | Raw water tanker truck                                                           | 16 m3                                             | 100                    |  |
| 07-60-00041 | Light Truck (lorry)                                                              | Up to 8 ton                                       | 200                    |  |
| 07-60-00042 | Break down ( recovery vehicle )                                                  | Up to 30 ton                                      | 100                    |  |
| 07-60-00043 | Mobile compressor                                                                | Up to 150 psi                                     | 30                     |  |
| 07-60-00044 | Generator set with canopy and trolley                                            | 25-kva, 50 kva, 100kva, 150 kva, 200 kva, 250 kva | 100 unit for each size |  |
| 07-60-00049 | Segment factory to produce reinforced precast concrete segments with accessories |                                                   | 1                      |  |
| 07-60-00050 | Diaphragm walls                                                                  |                                                   | 10000 m2               |  |
| 07-60-00051 | Track permanent way                                                              |                                                   | 3000 ton               |  |
| 07-60-00052 | Mobile Caravan                                                                   | 4 persons                                         | 100                    |  |
| 07-60-00053 | Mobile workshop                                                                  | With all necessary equipment                      | 50                     |  |
| 07-60-00059 | Block plant complete                                                             | 1440 blocks /H                                    | 6                      |  |
| 07-60-00060 | Mobile lighting tower                                                            | 16m                                               | 100                    |  |
| 07-60-00061 | Mobile welding machine                                                           | Diesel                                            | 100                    |  |
| 07-60-00062 | High tension steel wire                                                          | Strand                                            | 25000 ton              |  |

|             |                                                                   |                                                               |                      |  |
|-------------|-------------------------------------------------------------------|---------------------------------------------------------------|----------------------|--|
| 07-60-00063 | Skyman aerial platform (knuckle series) mounted on truck          | Bucket floor height up to 30m and max safe working load 300kg | 100                  |  |
| 07-60-00064 | Low loader                                                        | 45 ton pay load                                               | 30                   |  |
| 07-60-00065 | Wheel loader                                                      | Up to 3m3                                                     | 30                   |  |
| 07-60-00066 | Trenching machine                                                 | Max trench depth 1.6 m width ( 30,40 ,50,60) cm               | 20                   |  |
| 07-60-00067 | Lorry                                                             | 10 – 15 Tons pay load                                         | 60                   |  |
| 07-60-00069 | Hydraulic mobile crane                                            | Up to 80 ton                                                  | 40                   |  |
| 07-60-00070 | Back hoe loader with accessories                                  | 1m3                                                           | 30                   |  |
| 07-60-00071 | Mini excavator                                                    | Crawler                                                       | 15                   |  |
| 07-60-00072 | Semi trailer tipper                                               | Up to 40 m3                                                   | 120                  |  |
| 07-60-00073 | Auger drilling machine for Pile casing diameter 60 cm-150 cm      |                                                               | 10                   |  |
| 07-60-00074 | Pile driving machine                                              |                                                               | 10                   |  |
| 07-60-00075 | Barge mounted pile driving machine                                |                                                               | 10                   |  |
| 07-60-00076 | Barge mounted pile driving machine                                |                                                               | 10                   |  |
| 07-60-00077 | Wheel tractor - scraper                                           | Up to 40 m3                                                   | 20                   |  |
| 07-60-00078 | Spare parts for sleeper factory                                   |                                                               | 5000 different items |  |
| 07-60-00079 | Steel sheet piles                                                 |                                                               | 70000m2              |  |
| 07-60-00080 | Tractor vehicle with accessories operated by D-C electrical power |                                                               | 24                   |  |

|             |                                                                         |                          |            |  |
|-------------|-------------------------------------------------------------------------|--------------------------|------------|--|
| 07-60-00081 | D-C electrically operated hand driven sweeping machine with accessories |                          | 10         |  |
| 07-60-00082 | Water tanker                                                            | 8000 L                   | 1000       |  |
| 07-60-00083 | Bus                                                                     | Up to 25 persons         | 50         |  |
| 07-60-00084 | Working fluid for cooling system                                        |                          | 15000 kg   |  |
| 07-60-00085 | Air conditioning package unite ( cooling and heating)                   | Up to 60 tons ref.       | 300        |  |
| 07-60-00089 | Air cooled water chillers                                               | From 1.5 to 60 ton ref.  | 300        |  |
| 07-60-00090 | Compressors for cooling system                                          | From 1.5 to 60 ton ref.  | 300        |  |
| 07-60-00091 | Air conditioning split unit                                             | From 1.5 to 40 ton ref.  | 300        |  |
| 07-60-00092 | Water pumps for air conditioning system as per system capacity          | Head from 14m up to 40 m | 300        |  |
| 07-60-00093 | Cesspit-emptier                                                         | From 8 to 10m3           | 200        |  |
| 07-60-00094 | Fork lift                                                               | 3 ton                    | 50         |  |
| 07-60-00095 | Fork lift                                                               | 5 ton                    | 50         |  |
| 07-60-00096 | Fork lift                                                               | 10 ton                   | 50         |  |
| 07-60-00097 | Horizontal boring machine for metro tunnels                             |                          | 2          |  |
| 07-60-00098 | Shoulder for concrete sleepers                                          |                          | 4000000    |  |
| 07-60-00099 | Pandrol clips for concrete sleepers                                     |                          | 4000000    |  |
| 07-60-00100 | Rubber pads for concrete sleepers                                       |                          | 2000000    |  |
| 07-60-00101 | Insulating clips                                                        |                          | 4000000    |  |
| 07-60-00102 | Rail UIC 60                                                             |                          | 65000 tons |  |
| 07-60-00103 | Turn - out complete                                                     |                          | 200        |  |
| 07-60-00104 | Wooden sleepers                                                         |                          | 50000      |  |
| 07-60-00105 | Electric switch point machine                                           |                          | 500        |  |
| 07-60-00106 | Manual switch point machine                                             |                          | 200        |  |
| 07-60-00107 | Buffer stop                                                             |                          | 150        |  |
| 07-60-00108 | Ballast tamping machine                                                 |                          | 2          |  |
| 07-60-00109 | Track laying machine (flash butt / electrical )                         |                          | 2          |  |

|             |                                                                                            |  |              |  |
|-------------|--------------------------------------------------------------------------------------------|--|--------------|--|
| 07-60-00110 | Thermit welding materials                                                                  |  | 2000 kg      |  |
| 07-60-00111 | Ultrasonic detective equipment                                                             |  | 2            |  |
| 07-60-00119 | Thermit welding equipment                                                                  |  | 10           |  |
| 07-60-00120 | Environmental control system<br>as per the following details                               |  |              |  |
| 07-60-00121 | Supply fan                                                                                 |  | 90 sets      |  |
| 07-60-00122 | Attenuat                                                                                   |  |              |  |
| 07-60-00123 | Extract fan                                                                                |  | 90 sets      |  |
| 07-60-00124 | Refrigeration plant                                                                        |  | 30 sets      |  |
| 07-60-00129 | Chilled water pumps                                                                        |  | 30 sets      |  |
| 07-60-00130 | Flitters                                                                                   |  | 30 sets      |  |
| 07-60-00131 | Cooling coil                                                                               |  | 30 sets      |  |
| 07-60-00132 | Spray header                                                                               |  | 30 sets      |  |
| 07-60-00133 | Grills                                                                                     |  | 30 sets      |  |
| 07-60-00134 | Diffusers                                                                                  |  | 30 sets      |  |
| 07-60-00135 | Pipe work                                                                                  |  | 30 sets      |  |
| 07-60-00136 | Controls                                                                                   |  | 30 sets      |  |
| 07-60-00139 | Insulation                                                                                 |  | 30 sets      |  |
| 07-60-00140 | Tunnels + Tunnels with cross<br>ovens + portal tunnels                                     |  |              |  |
| 07-60-00141 | Supply fans                                                                                |  | 10 sets      |  |
| 07-60-00142 | Duct work                                                                                  |  | 6 sets       |  |
| 07-60-00143 | Dampers                                                                                    |  | 6<br>system  |  |
| 07-60-00144 | Controls                                                                                   |  | 6system      |  |
| 07-60-00149 | Attenuates                                                                                 |  | 8<br>system  |  |
| 07-60-00150 | Filters                                                                                    |  | 8 sets       |  |
| 07-60-00151 | Spray coils                                                                                |  | 4 sets       |  |
| 07-60-00152 | Pumps                                                                                      |  | 2system<br>s |  |
| 07-60-00153 | Pipe work                                                                                  |  | 2<br>system  |  |
| 07-60-00159 | Dampers                                                                                    |  | 2<br>system  |  |
| 07-60-00160 | Over head current supply                                                                   |  |              |  |
| 07-60-00161 | Tunnel catenary system (<br>complete including catenary<br>and earth .... etc)             |  | 62000 m      |  |
| 07-60-00162 | Surface system complete<br>including catenary and earth<br>conductors cantilevers .... etc |  | 6600 m       |  |
| 07-60-00163 | Depot outdoor complete with<br>its related items                                           |  | 40000 m      |  |
| 07-60-00164 | Depot indoor system complete<br>with its related items                                     |  | 15000 m      |  |
| 07-60-00165 | Depot test track catenary<br>complete with its related<br>items                            |  | 3000 m       |  |

|             |                                                             |  |         |  |
|-------------|-------------------------------------------------------------|--|---------|--|
| 07-60-00166 | Auxiliary feeders for tunnel section with its related items |  | 62000 m |  |
| 07-60-00167 | Telecommunication                                           |  |         |  |
| 07-60-00169 | Consoles & panels                                           |  | 2       |  |
| 07-60-00170 | Principal controllers panel                                 |  | 4       |  |
| 07-60-00171 | Traffic controllers panel                                   |  | 4       |  |
| 07-60-00172 | Line regulator panel                                        |  | 2       |  |
| 07-60-00173 | Information assistants panel                                |  | 2       |  |
| 07-60-00174 | Power controllers panel                                     |  | 4       |  |
| 07-60-00175 | Environmental controllers panel                             |  | 4       |  |
| 07-60-00176 | Engineering controllers panel                               |  | 2       |  |
| 07-60-00177 | Depot regular panel                                         |  | 2       |  |
| 07-60-00178 | Station control desk                                        |  | 36      |  |
| 07-60-00179 | Concourse supervisors desk                                  |  | 32      |  |
| 07-60-00180 | Security control desk                                       |  | 2       |  |
| 07-60-00181 | Civil defense officers desk                                 |  | 2       |  |
| 07-60-00182 | PCM link Terminal                                           |  | 112     |  |
| 07-60-00183 | PABX TELEPHON SYSTEM                                        |  |         |  |
| 07-60-00184 | Main exchange                                               |  | 2       |  |
| 07-60-00185 | Operations console                                          |  | 12      |  |
| 07-60-00189 | Desk type telephone hand set                                |  | 800     |  |
| 07-60-00190 | Desk type secretary extenuation hand set                    |  | 100     |  |
| 07-60-00191 | Station exchange ( 36 x 30 extent x 50 extn )               |  |         |  |
| 07-60-00192 | Desk type telephone hand set                                |  | 1730    |  |
| 07-60-00193 | Wall type telephone hand set                                |  | 1130    |  |
| 07-60-00194 | Wall mounted acoustic hoods                                 |  | 970     |  |
| 07-60-00195 | Depot exchange (1x 200 extn , 1x100 extn )                  |  | 2       |  |
| 07-60-00196 | Master station & equipment                                  |  | 10      |  |
| 07-60-00197 | CCTV system                                                 |  |         |  |
| 07-60-00198 | CCTV cameras                                                |  | 460     |  |
| 07-60-00199 | CCTV monitors 400 mm diagonal                               |  | 20      |  |
| 07-60-00300 | CCTV monitors 610 mm diagonal                               |  | 96      |  |
| 07-60-00301 | CCTV monitors 300 mm diagonal                               |  | 160     |  |
| 07-60-00302 | Scanning and transmission equipment                         |  | 34      |  |
| 07-60-00303 | Scanning and receiving equipment                            |  | 2       |  |
| 07-60-00304 | Public dares system                                         |  |         |  |
| 07-60-00305 | Public dares system                                         |  |         |  |
| 07-60-00306 | PA amplifiers                                               |  | 110     |  |
| 07-60-00307 | Loud speakers                                               |  | 5400    |  |
| 07-60-00308 | Platform microphone hand set                                |  | 80      |  |
| 07-60-00309 | Recorded announcement unit                                  |  | 40      |  |

|             |                                                                                  |  |        |  |
|-------------|----------------------------------------------------------------------------------|--|--------|--|
| 07-60-00310 | 1 set equipment at central control                                               |  | 2      |  |
| 07-60-00311 | Train radio system                                                               |  |        |  |
| 07-60-00319 | Train public address                                                             |  | 220    |  |
| 07-60-00320 | Car to train operation system                                                    |  | 100    |  |
| 07-60-00321 | Cab to cab communication system                                                  |  | 100    |  |
| 07-60-00322 | Security system                                                                  |  | 100    |  |
| 07-60-00323 |                                                                                  |  |        |  |
| 07-60-00324 | Auxiliary feeders for surface section                                            |  |        |  |
| 07-60-00329 | Complete with its related item                                                   |  | 3300 m |  |
| 07-60-00330 | 50 mm2 insulated enable connection truck pad rein-                               |  | 2500 m |  |
| 07-60-00331 | -forcement to earth wire                                                         |  | 5800 m |  |
| 07-60-00332 | 630 mm2 traction position feeder cable complete with fixing and termination      |  | 1500 m |  |
| 07-60-00333 | 150 mm2 traction position feeders cable complete with fixing termination         |  | 2800 m |  |
| 07-60-00334 | 630 mm2 traction negative feeders cable complete with fixing and termination     |  | 1750 m |  |
| 07-60-00335 | 185 mm2 traction negative feeders cable complete with fixing and termination     |  | 30     |  |
| 07-60-00336 | High speed section insulator complete with messenger wire insulator              |  | 83     |  |
| 07-60-00339 | Slow speed section insulator complete with all fixing                            |  | 135    |  |
| 07-60-00340 | Manually operated closed / open isolator complete with all supports and fixing   |  | 5      |  |
| 07-60-00341 | Manually operated closed / earth isolator complete with all supports and fixings |  | 4      |  |
| 07-60-00342 | Motor operated closed / open isolator complete with all supports and fixing      |  | 36     |  |
| 07-60-00343 | Tunnel lighting control units , complete with all fixing and cable connection    |  | 7      |  |
| 07-60-00344 | Surg divertre complete with fixing and fittings                                  |  | 40     |  |

|             |                                                                                                                                                                 |  |                    |  |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|
| 07-60-00349 | Pantographs complete each including air cylinder raising and lowering mechanism support insulators and fixing and pipe from all cylinder to all hose connection |  |                    |  |
| 07-60-00350 | power cabling                                                                                                                                                   |  |                    |  |
| 07-60-00351 | Cable length for 33 KV single core (630mm <sup>2</sup> )                                                                                                        |  | 6000 m             |  |
| 07-60-00352 | Cable length for 33 KV single core (300mm <sup>2</sup> )                                                                                                        |  | 33042 m            |  |
| 07-60-00353 | Cable length for 33 KV single core (240mm <sup>2</sup> )                                                                                                        |  | 75000 m            |  |
| 07-60-00359 | Cable length for 33 KV single core (185mm <sup>2</sup> )                                                                                                        |  | 3000 m             |  |
| 07-60-00360 | Cable length for 11 KV single core (300mm <sup>2</sup> )                                                                                                        |  | 8000 m             |  |
| 07-60-00361 | Cable length for 33 KV single core (120mm <sup>2</sup> )                                                                                                        |  | 2000 m             |  |
| 07-60-00362 | Cable length for 33 KV three core (120mm <sup>2</sup> )                                                                                                         |  | 1070 m             |  |
| 07-60-00363 | Cable length for 1000 V single core (400 mm <sup>2</sup> )                                                                                                      |  | 30000 M            |  |
| 07-60-00364 | Cable length for 33 KV four core (150mm <sup>2</sup> )                                                                                                          |  | 2600 m             |  |
| 07-60-00365 | Cable length for 33 KV four core (16mm <sup>2</sup> )                                                                                                           |  | 8775 m             |  |
| 07-60-00366 | Cable length for multi core cable 2 core                                                                                                                        |  | 10 mm <sup>2</sup> |  |
| 07-60-00367 | Cable length for 7 core (2-5 mm <sup>2</sup> ) reference A                                                                                                      |  | 16500 mm2          |  |
| 07-60-00369 | Cable length for 7 core (2-5 mm2 )reference C                                                                                                                   |  | 16500 mm2          |  |
| 07-60-00370 | Cable length for 19 core (2-5 mm2 )                                                                                                                             |  | 8400 mm2           |  |
| 07-60-00371 | Number of termination 33 KV single core (630 mm2 )                                                                                                              |  | 36 mm              |  |
| 07-60-00372 | Number of termination 33 KV single core (300 mm2 )                                                                                                              |  | 3                  |  |
| 07-60-00373 | Number of termination 33 KV single core (240mm2 )                                                                                                               |  | 48                 |  |
| 07-60-00374 | Number of termination 33 KV single core (185 mm2)                                                                                                               |  | 126                |  |
| 07-60-00375 | Number of termination 11 KV single core (300 mm2)                                                                                                               |  | 600                |  |
| 07-60-00376 | Number of termination 11 KV single core120 mm2                                                                                                                  |  | 500                |  |
| 07-60-00377 | Number of termination 11 kv throe core 120 mm2                                                                                                                  |  | 30                 |  |

|             |                                                   |  |                   |  |
|-------------|---------------------------------------------------|--|-------------------|--|
| 07-60-00378 | Number of termination 1000 KV single core 400 mm2 |  | 1550              |  |
| 07-60-00379 | Number of termination 1000 KV four core 150 mm2   |  | 80                |  |
| 07-60-00380 | Number of termination 1000 KV four core 16 mm2    |  | 200               |  |
| 07-60-00381 | Number multicore cable two core 10 mm2            |  | 280               |  |
| 07-60-00382 | Number multicore cable seven core 2-5 mm2         |  | 22                |  |
| 07-60-00383 | Number multicore cable seven core 2-5 mm2         |  | 15                |  |
| 07-60-00384 | Number multicore cable nineteen core 2-5 mm2      |  | 9                 |  |
| 07-60-00385 | Straight joints for cables                        |  |                   |  |
| 07-60-00389 | 33 KV for 300 mm2 single core                     |  | 42                |  |
| 07-60-00390 | 33 KV for 240 mm2 single core                     |  | 66                |  |
| 07-60-00391 | 11 KV for 300 mm2 single core                     |  | 6                 |  |
| 07-60-00392 | Multi cores cable ( seven core 2-5mm2)            |  | 29                |  |
| 07-60-00393 | Multi cores cable (seven core 2-5 mm2)            |  | 22                |  |
| 07-60-00394 | Multi cores cable nineteen core 2-5 mm2           |  | 8                 |  |
| 07-60-00395 | Quantities of cable hangers                       |  |                   |  |
| 07-60-00396 | A CABLE HNGERS                                    |  | 17250             |  |
| 07-60-00397 | B CABLE HNGERS                                    |  | 2800              |  |
| 07-60-00398 | C CABLE HNGERS                                    |  | 1150              |  |
| 07-60-00399 | D CABLE HNGERS                                    |  | 200               |  |
| 07-60-00400 | E CABLE HNGERS                                    |  | 19900             |  |
| 07-60-00401 | F CABLE HNGERS                                    |  | 2300              |  |
| 07-60-00402 | G CABLE HNGERS                                    |  | 7950              |  |
| 07-60-00403 | H CABLE HNGERS                                    |  | 8850              |  |
| 07-60-00404 | J CABLE HNGERS                                    |  | 8550              |  |
| 07-60-00405 | R CABLE HNGERS                                    |  | 600               |  |
| 07-60-00406 | SIGNALLING & REMOTE CONTROL                       |  |                   |  |
| 07-60-00407 | Passenger rolling stock signaling equipment       |  | 10 pair           |  |
| 07-60-00408 | Service locomotives                               |  | 9 pair            |  |
| 07-60-00409 | Central control room                              |  | 22 different item |  |
| 07-60-00410 | Interlocking                                      |  | 5                 |  |
| 07-60-00411 | turn out (ends)                                   |  | 39                |  |
| 07-60-00419 | Station control pannel (principal )               |  | 15                |  |
| 07-60-00420 | Truck circuits                                    |  | 15                |  |
| 07-60-00421 | Station control panel ( secondary)                |  | 1                 |  |
| 07-60-00422 | ATP equipment complete                            |  | 15                |  |

|             |                                                                       |  |           |  |
|-------------|-----------------------------------------------------------------------|--|-----------|--|
| 07-60-00423 | ATO equipment complete                                                |  | 15        |  |
| 07-60-00424 | ATP test loop equipment                                               |  | 1         |  |
| 07-60-00429 | Power supply cubicle                                                  |  | 15        |  |
| 07-60-00430 | Break supply                                                          |  | 15        |  |
| 07-60-00431 | PTI interrogation                                                     |  | 6         |  |
| 07-60-00432 | Maintenance panel                                                     |  | 15        |  |
| 07-60-00433 | RTU ( signaling )                                                     |  | 15        |  |
| 07-60-00434 | RTU ( power supply )                                                  |  | 15        |  |
| 07-60-00435 | RTU (ESC)                                                             |  | 15        |  |
| 07-60-00436 | Cable (remote control )                                               |  | 15        |  |
| 07-60-00439 | Cables (power supply )                                                |  | 15        |  |
| 07-60-00440 | Cables (misc. tail )                                                  |  | 15        |  |
| 07-60-00441 | Contract fare collection                                              |  |           |  |
| 07-60-00442 | Blank ticket stock Different type & size                              |  | 670 + 2,5 |  |
| 07-60-00443 | Ticket vending machines Two types                                     |  | 100       |  |
| 07-60-00444 | Ticket office equipment different type & size                         |  | 100       |  |
| 07-60-00449 | Cash collection equipment                                             |  | 100       |  |
| 07-60-00450 | Transfer ticket & bulk issue                                          |  | 50        |  |
| 07-60-00451 | Turnstile cut equipment different type & size                         |  | 260       |  |
| 07-60-00452 | Handicapped person gate complete                                      |  | 8         |  |
| 07-60-00453 | Lift Access controller                                                |  | 11        |  |
| 07-60-00459 | Luggage conveyor                                                      |  | 45        |  |
| 07-60-00460 | Control and indication panel modules different type & size            |  | 45        |  |
| 07-60-00461 | Ticket verifying unit                                                 |  | 18        |  |
| 07-60-00462 | power supply                                                          |  |           |  |
| 07-60-00463 | 33 KV indoor metal clad switch gear different type & size             |  | 16        |  |
| 07-60-00464 | 33 / 11 KV inter bus transformer circuit different type & size        |  | 13        |  |
| 07-60-00465 | Rectifier transformer circuit different type & size                   |  | 16        |  |
| 07-60-00466 | Cable feeder circuit different type & size                            |  | 15        |  |
| 07-60-00467 | Bus section circuit different type and size                           |  | 17        |  |
| 07-60-00469 | Ancillary equipment                                                   |  | 1 set     |  |
| 07-60-00470 | Neutral current transformers                                          |  | 1 set     |  |
| 07-60-00471 | 132 / 33 kv incoming transformer circuit panels different type & size |  | 200       |  |
| 07-60-00472 | 33 / 11 KV interbus transformer circuit panels different type & size  |  | 16        |  |

|             |                                                                                                                                                          |  |           |  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|--|
| 07-60-00473 | Rectifier transformer circuit panels different type & size                                                                                               |  | 12        |  |
| 07-60-00474 | Cable feeder circuit panels different type & size                                                                                                        |  | 17        |  |
| 07-60-00475 | Bus section panel                                                                                                                                        |  | 19        |  |
| 07-60-00476 | 33KV busbar protection panel different type & size                                                                                                       |  | 7         |  |
| 07-60-00477 | 36 KV indoor metal elad switch gean cable feeder circuit different type & size                                                                           |  | 24        |  |
| 07-60-00478 | Bus section circuits different type & size                                                                                                               |  | 12        |  |
| 07-60-00479 | Auxillary equipment                                                                                                                                      |  | 1         |  |
| 07-60-00480 | Cable feeder circuit panels                                                                                                                              |  | 19        |  |
| 07-60-00481 | Control 055 power supply                                                                                                                                 |  |           |  |
| 07-60-00482 | Bus section panel ( 2 circuit breaker ) different type & size                                                                                            |  | 15        |  |
| 07-60-00483 | 33 KV bus bas protection panel different size & type                                                                                                     |  | 7         |  |
| 07-60-00484 | 11 KV indoor metal dad switch gean different type & size                                                                                                 |  | 20        |  |
| 07-60-00485 | 11 KV indoor ring mains units different type & size                                                                                                      |  | 120       |  |
| 07-60-00489 | 1500 DC indoor switch gean                                                                                                                               |  | 50        |  |
| 07-60-00490 | Escalators                                                                                                                                               |  |           |  |
| 07-60-00491 | Different type and rise                                                                                                                                  |  | 108       |  |
| 07-60-00492 | Contract work shop & depot equipment                                                                                                                     |  |           |  |
| 07-60-00493 | Different machines & tools for work shop & equipment                                                                                                     |  | 187 items |  |
| 07-60-00494 | Contract stand by supply No . of set required                                                                                                            |  | 43        |  |
| 07-60-00495 | Rolling stock                                                                                                                                            |  |           |  |
| 07-60-00496 | Set of 3 car unit with driving cab or each 3 car unit                                                                                                    |  | 38        |  |
| 07-60-00497 | Self loaded truck                                                                                                                                        |  | 10        |  |
| 07-60-00498 | Self loaded truck                                                                                                                                        |  | 10        |  |
| 07-60-00499 | Track laying train                                                                                                                                       |  | 2         |  |
| 07-60-00500 | Switch tamping machine                                                                                                                                   |  | 2         |  |
| 07-60-00501 | Implementation of Mussyeb - Kerbela -Najaf -Kufa - Samawa Rail way project with total length of 260 km , double line on the basis of TURN - KEY projects |  | 1         |  |
| 07-60-00502 | A/C window type                                                                                                                                          |  | 1000      |  |
| 07-60-00503 | Mini bus                                                                                                                                                 |  | 30        |  |

|             |                                                                        |  |          |  |
|-------------|------------------------------------------------------------------------|--|----------|--|
| 07-60-00504 | Site car station wagon or (land cruiser)                               |  | 50       |  |
| 07-60-00505 | Dynamic track stabilizer machine                                       |  | 2        |  |
| 07-60-00506 | Crushing plant                                                         |  | 6        |  |
| 07-60-00507 | Rail way cranes                                                        |  | 10       |  |
| 07-60-00508 | Uic 60 rail cutter                                                     |  | 50       |  |
| 07-60-00509 | Rail drill                                                             |  | 20       |  |
| 07-60-00510 | Rail grinder                                                           |  | 50       |  |
| 07-60-00511 | Woden sleeper drill                                                    |  | 100      |  |
| 07-60-00512 | Screw rail jack                                                        |  | 150      |  |
| 07-60-00513 | Hydraulic uic 60 rail tensor 70 tons                                   |  | 50       |  |
| 07-60-00514 | Uic -60 rail slide joint                                               |  | 200      |  |
| 07-60-00515 | Alumino thermic welding kit with welding equipment for 30 welding team |  | 5000 set |  |