

HVAC  
NO. 108/18

**HVAC Tender List 2023-24**

| S.No | Items/ Product Name  | Req Unit     |
|------|--|--------------|
| 1    | Fan Belt Size A-52, A53, A-48, A-65, A-60, A-56, A-44            | Per No       |
| 2    | Grease Gun Complete  | Per No       |
| 3    | Motor coupling japan   | Per No       |
| 4    | Bearing 6305 japan   | Per No       |
| 5    | Bearing 6313 japan   | Per No       |
| 6    | Bearing 6309 japan   | Per No       |
| 7    | Gas R 22 Honeywell Gentron USA brand                             | Per Cylinder |
| 8    | Gas R 410 Honeywell Gentron USA brand                            | Per Cylinder |
| 9    | Gas 134-A Honeywell Gentron USA brand                            | Per Cylinder |
| 10   | S/I DC inverter Floor Standing AC 2 Ton Panasonic with Brackets  | Per No       |
| 11   | S/I DC inverter Floor Standing AC 2 Ton Mitsubishi with Brackets | Per No       |
| 12   | S/I DC inverter Floor Standing AC 2 Ton Daikin with Brackets     | Per No       |
| 13   | S/I DC inverter Floor Standing AC 2 Ton Hitachi with Brackets    | Per No       |
| 14   | S/I DC inverter Floor Standing AC 2 Ton Kenwood with Brackets    | Per No       |
| 15   | S/I DC inverter Floor Standing AC 2 Ton Dawlance with Brackets   | Per No       |
| 16   | S/I DC inverter Floor Standing AC 2 Ton Haier with Brackets      | Per No       |
| 17   | S/I DC inverter Floor Standing AC 2 Ton GREE with Brackets       | Per No       |
| 18   | S/I DC inverter Floor Standing AC 2 Ton Kenwood with Brackets    | Per No       |
| 19   | S/I DC inverter Floor Standing AC 2 Ton PEL with Brackets        | Per No       |
| 20   | S/I DC inverter Floor Standing AC 3 Ton Panasonic with Brackets  | Per No       |
| 21   | S/I DC inverter Floor Standing AC 3 Ton Mitsubishi with Brackets | Per No       |
| 22   | S/I DC inverter Floor Standing AC 3 Ton Daikin with Brackets     | Per No       |
| 23   | S/I DC inverter Floor Standing AC 3 Ton Kenwood with Brackets    | Per No       |
| 24   | S/I DC inverter Floor Standing AC 3 Ton Hitachi with Brackets    | Per No       |
| 25   | S/I DC inverter Floor Standing AC 3 Ton Kenwood with Brackets    | Per No       |
| 26   | S/I DC inverter Floor Standing AC 3 Ton Dawlance with Brackets   | Per No       |
| 27   | S/I DC inverter Floor Standing AC 3 Ton PEL with Brackets        | Per No       |
| 28   | S/I DC inverter Floor Standing AC 3 Ton GREE with Brackets       | Per No       |
| 29   | S/I DC inverter Floor Standing AC 3 Ton Haier with Brackets      | Per No       |
| 30   | S/I DC inverter Floor Standing AC 4 Ton Panasonic with Brackets  | Per No       |
| 31   | S/I DC inverter Floor Standing AC 4 Ton Mitsubishi with Brackets | Per No       |
| 32   | S/I DC inverter Floor Standing AC 4 Ton Daikin with Brackets     | Per No       |
| 33   | S/I DC inverter Floor Standing AC 4 Ton Kenwood with Brackets    | Per No       |
| 34   | S/I DC inverter Floor Standing AC 4 Ton Hitachi with Brackets    | Per No       |
| 35   | S/I DC inverter Floor Standing AC 4 Ton Kenwood with Brackets    | Per No       |
| 36   | S/I DC inverter Floor Standing AC 4 Ton Dawlance with Brackets   | Per No       |
| 37   | S/I DC inverter Floor Standing AC 4 Ton PEL with Brackets        | Per No       |
| 38   | S/I DC inverter Floor Standing AC 4 Ton Haier with Brackets      | Per No       |
| 39   | S/I DC inverter Floor Standing AC 5 Ton Panasonic with Brackets  | Per No       |
| 40   | S/I DC inverter Floor Standing AC 5 Ton Mitsubishi with Brackets | Per No       |
| 41   | S/I DC inverter Floor Standing AC 5 Ton Daikin with Brackets     | Per No       |
| 42   | S/I DC inverter Floor Standing AC 5 Ton Kenwood with Brackets    | Per No       |
| 43   | S/I DC inverter Floor Standing AC 5 Ton Hitachi with Brackets    | Per No       |

24

|    |  |        |  |
|----|--|--------|--|
| 44 | S/I DC inverter Floor Standing AC 5 Ton Kenwood with Brackets      | Per No |  |
| 45 | S/I DC inverter Floor Standing AC 5 Ton Dawlance with Brackets     | Per No |  |
| 46 | S/I DC inverter Floor Standing AC 5 Ton PEL with Brackets          | Per No |  |
| 47 | S/I DC inverter Floor Standing AC 5 Ton Haier with Brackets        | Per No |  |
| 48 | Refrigerator 8 Cubic ft, ES Kenwood                                | Per No |  |
| 49 | Refrigerator 8 Cubic ft, ES Dawlance                               | Per No |  |
| 50 | Refrigerator 8 Cubic ft, ES LG                                     | Per No |  |
| 51 | Refrigerator 8 Cubic ft, ES PEL                                    | Per No |  |
| 52 | Refrigerator 8 Cubic ft, ES Haier                                  | Per No |  |
| 53 | Refrigerator 12 Cubic ft, ES Kenwood                               | Per No |  |
| 54 | Refrigerator 12 Cubic ft, ES PEL                                   | Per No |  |
| 55 | Refrigerator 12 Cubic ft, ES Dawlance                              | Per No |  |
| 56 | Refrigerator 12 Cubic ft, ES LG                                    | Per No |  |
| 57 | Refrigerator 12 Cubic ft, ES Haier                                 | Per No |  |
| 58 | Refrigerator 14 Cubic ft, ES Kenwood                               | Per No |  |
| 59 | Refrigerator 14 Cubic ft, ES PEL                                   | Per No |  |
| 60 | Refrigerator 14 Cubic ft, ES Dawlance                              | Per No |  |
| 61 | Refrigerator 14 Cubic ft, ES LG                                    | Per No |  |
| 62 | Refrigerator 14 Cubic ft, ES Haier                                 | Per No |  |
| 63 | Refrigerator 18 Cubic ft, ES Kenwood                               | Per No |  |
| 64 | Refrigerator 18 Cubic ft, ES PEL                                   | Per No |  |
| 65 | Refrigerator 18 Cubic ft, ES Haier                                 | Per No |  |
| 66 | Refrigerator 18 Cubic ft, ES LG                                    | Per No |  |
| 67 | Refrigerator 18 Cubic ft, ES Dawlance                              | Per No |  |
| 68 | Pharmaceutical/Medical Refrigerators Accu Cold / Haier 50 Liters)  | Per No |  |
| 69 | Pharmaceutical/Medical Refrigerators Accu Cold / PEL 50 Liters)    | Per No |  |
| 70 | Pharmaceutical/Medical Refrigerators Accu Cold / Haier 100 Liters) | Per No |  |
| 71 | Pharmaceutical/Medical Refrigerators Accu Cold / PEL 150 Liters)   | Per No |  |
| 72 | Pharmaceutical/Medical Refrigerators Accu Cold / Haier 150 Liters) | Per No |  |
| 73 | Pharmaceutical/Medical Refrigerators Accu Cold / PEL 250 Liters)   | Per No |  |
| 74 | Pharmaceutical/Medical Refrigerators Accu Cold / Haier 250 Liters) | Per No |  |
| 75 | Pharmaceutical/Medical Refrigerators Accu Cold / PEL 300 Liters)   | Per No |  |
| 76 | Pharmaceutical/Medical Refrigerators Accu Cold / Haier 300 Liters) | Per No |  |
| 77 | Measuring Tape   | per No |  |
| 78 | Allen key set complete japan                                       | Per No |  |
| 79 | S/I DC inverter AC 1 Ton Panasonic with Brackets                   | Per No |  |
| 80 | S/I DC inverter AC 1 Ton Mitsubishi with Brackets                  | Per No |  |
| 81 | S/I DC inverter AC 1 Ton Hitachi with Brackets                     | Per No |  |
| 82 | S/I DC inverter AC 1 Ton Daikin with Brackets                      | Per No |  |
| 83 | S/I DC inverter AC 1 Ton Kenwood with Brackets                     | Per No |  |
| 84 | S/I DC inverter 1 Ton Dawlance with Brackets                       | Per No |  |
| 85 | S/I DC inverter 1 Ton PEL with Brackets                            | Per No |  |
| 86 | S/I DC inverter 1 Ton Gree Brackets                                | Per No |  |
| 87 | S/I DC inverter 1 Ton Haier Brackets                               | Per No |  |
| 88 | S/I DC inverter 1 Ton LG with Brackets                             | Per No |  |
| 89 | S/I NON-inverter Cooling only 1 Ton Dawlance with Brackets         | Per No |  |
| 90 | S/I NON-inverter Cooling only 1 Ton PEL with Brackets              | Per No |  |

*[Handwritten signature]*

|     |   |        |  |
|-----|---|--------|--|
| 91  | S/I NON-inverter Cooling only 1 Ton Gree with Brackets            | Per No |  |
| 92  | S/I NON-inverter Cooling only 1 Ton Haier with Brackets           | Per No |  |
| 93  | S/I NON-inverter Cooling only 1 Ton LG with Brackets              | Per No |  |
| 94  | S/I DC inverter AC 1.5 Ton Panasonic with Brackets                | Per No |  |
| 95  | S/I DC inverter AC 1.5 Ton Mitsubishi with Brackets               | Per No |  |
| 96  | S/I DC inverter AC 1.5 Ton Hitachi with Brackets                  | Per No |  |
| 97  | S/I DC inverter AC 1.5 Ton Daikin with Brackets                   | Per No |  |
| 98  | S/I DC inverter AC 1.5 Ton Dawlance with Brackets                 | Per No |  |
| 99  | S/I DC inverter AC 1.5 Ton PEL with Brackets                      | Per No |  |
| 100 | S/I DC inverter AC 1.5 Ton Gree Brackets                          | Per No |  |
| 101 | S/I DC inverter AC 1.5 Ton Haier Brackets                         | Per No |  |
| 102 | S/I DC inverter AC 1.5 Ton Kenwood Brackets                       | Per No |  |
| 103 | S/I DC inverter AC 1.5 Ton LG with Brackets                       | Per No |  |
| 104 | S/I Non inverter Cooling only AC 1.5 Ton Panasonic with Brackets  | Per No |  |
| 105 | S/I Non inverter Cooling only AC 1.5 Ton Mitsubishi with Brackets | Per No |  |
| 106 | S/I Non inverter Cooling only AC 1.5 Ton Hitachi with Brackets    | Per No |  |
| 107 | S/I Non inverter Cooling only AC 1.5 Ton Daikin with Brackets     | Per No |  |
| 108 | S/I NON-inverter Cooling only 1.5 Ton Dawlance with Brackets      | Per No |  |
| 109 | S/I NON-inverter Cooling only 1.5 Ton PEL with Brackets           | Per No |  |
| 110 | S/I NON-inverter Cooling only 1.5 Ton Gree with Brackets          | Per No |  |
| 111 | S/I NON-inverter Cooling only 1.5 Ton Haier with Brackets         | Per No |  |
| 112 | S/I NON-inverter Cooling only 1.5 Ton LG with Brackets            | Per No |  |
| 113 | S/I Non inverter Cooling only AC 2 Ton Panasonic with Brackets    | Per No |  |
| 114 | S/I Non inverter Cooling only AC 2 Ton Mitsubishi with Brackets   | Per No |  |
| 115 | S/I Non inverter Cooling only AC 2 Ton Hitachi with Brackets      | Per No |  |
| 116 | S/I Non inverter Cooling only AC 2 Ton Daikin with Brackets       | Per No |  |
| 117 | S/I NON-inverter Cooling only 2 Ton LG with Brackets              | Per No |  |
| 118 | S/I NON-inverter Cooling only 2 Ton Dawlance with Brackets        | Per No |  |
| 119 | S/I NON-inverter Cooling only 2 Ton PEL with Brackets             | Per No |  |
| 120 | S/I NON-inverter Cooling only 2 Ton Gree with Brackets            | Per No |  |
| 121 | S/I NON-inverter Cooling only 2 Ton Haier with Brackets           | Per No |  |
| 122 | S/I DC inverter AC 2 Ton Panasonic with Brackets                  | Per No |  |
| 123 | S/I DC inverter AC 2 Ton Mitsubishi with Brackets                 | Per No |  |
| 124 | S/I DC inverter AC 2 Ton Hitachi with Brackets                    | Per No |  |
| 125 | S/I DC inverter AC 2 Ton Daikin with Brackets                     | Per No |  |
| 126 | S/I DC inverter AC 2 Ton Dawlance with Brackets                   | Per No |  |
| 127 | S/I DC inverter AC 2 Ton PEL with Brackets                        | Per No |  |
| 128 | S/I DC inverter AC 2 Ton Gree Brackets                            | Per No |  |
| 129 | S/I DC inverter AC 2 Ton Haier Brackets                           | Per No |  |
| 130 | S/I DC inverter AC 2 Ton LG with Brackets                         | Per No |  |
| 131 | S/I DC inverter AC 2 Ton Kenwood with Brackets                    | Per No |  |
| 132 | Compressor 12000 BTU 1 TON Gree                                   | Per No |  |
| 133 | Compressor 18000 BTU 1.5 TON Gree                                 | Per No |  |
| 134 | Compressor 24000 BTU 2 TON Gree                                   | Per No |  |
| 135 | Compressor 48000 BTU 4 TON Gree                                   | Per No |  |
| 136 | Compressor <del>48000 BTU</del> 5 TON Gree 60000 BTU              | Per No |  |
| 137 | Compressor 12000 BTU 1 TON PEL                                    | Per No |  |

*Handwritten signature*

|     |  |        |  |
|-----|--|--------|--|
| 138 | Compressor 18000 BTU 1.5 TON PEL                         | Per No |  |
| 139 | Compressor 24000 BTU 2 TON PEL                           | Per No |  |
| 140 | Compressor 48000 BTU 4 TON PEL                           | Per No |  |
| 141 | Compressor <del>48000</del> BTU 5 TON PEL 60000 BTU      | Per No |  |
| 142 | Compressor 12000 BTU 1 TON Daikin                        | Per No |  |
| 143 | Compressor 18000 BTU 1.5 TON Daikin                      | Per No |  |
| 144 | Compressor 24000 BTU 2 TON Daikin                        | Per No |  |
| 145 | Compressor 48000 BTU 4 TON Daikin                        | Per No |  |
| 146 | Compressor <del>48000</del> BTU 5 TON Daikin 60000 BTU   | Per No |  |
| 147 | Compressor 18000 BTU 1 TON Hitachi                       | Per No |  |
| 148 | Compressor 18000 BTU 1.5 TON Hitachi                     | Per No |  |
| 149 | Compressor 24000 BTU 2 TON Hitachi                       | Per No |  |
| 150 | Compressor 48000 BTU 4 TON Hitachi                       | Per No |  |
| 151 | Compressor <del>60000</del> BTU 5 TON Hitachi            | Per No |  |
| 152 | Compressor 18000 BTU 1.5 TON Dawlance                    | Per No |  |
| 153 | Compressor 24000 BTU 2 TON Dawlance                      | Per No |  |
| 154 | Compressor 48000 BTU 4 TON Dawlance                      | Per No |  |
| 155 | Compressor <del>48000</del> BTU 5 TON Dawlance 60000 BTU | Per No |  |
| 156 | Compressor 12000 BTU 1 TON Haier                         | Per No |  |
| 157 | Compressor 18000 BTU 1.5 TON Haier                       | Per No |  |
| 158 | Compressor 24000 BTU 2 TON Haier                         | Per No |  |
| 159 | Compressor 48000 BTU 4 TON Haier                         | Per No |  |
| 160 | Compressor <del>48000</del> BTU 5 TON Haier 60000 BTU    | Per No |  |
| 161 | Compressor 12000 BTU 1 TON LG                            | Per No |  |
| 162 | Compressor 18000 BTU 1.5 TON LG                          | Per No |  |
| 163 | Compressor 24000 BTU 2 TON LG                            | Per No |  |
| 164 | Compressor 48000 BTU 4 TON LG                            | Per No |  |
| 165 | Compressor <del>60000</del> BTU 5 TON LG                 | Per No |  |
| 166 | Running Capacitor 30 uf cool max brand                   | Per No |  |
| 167 | Running Capacitor 30 uf Share brand                      | Per No |  |
| 168 | Running Capacitor 30 uf forever gree brand               | Per No |  |
| 169 | Running Capacitor 35 uf cool max brand                   | Per No |  |
| 170 | Running Capacitor 35 uf Share brand                      | Per No |  |
| 171 | Running Capacitor 35 uf forever gree brand               | Per No |  |
| 172 | Running Capacitor 50 uf cool max brand                   | Per No |  |
| 173 | Running Capacitor 50 uf Share brand                      | Per No |  |
| 174 | Running Capacitor 50 uf forever gree brand               | Per No |  |
| 175 | Running Capacitor 55 uf Share brand                      | Per No |  |
| 176 | Running Capacitor 55 uf cool max brand                   | Per No |  |
| 177 | Running Capacitor 55 uf forever gree brand               | Per No |  |
| 178 | Running Capacitor 60 uf Share brand                      | Per No |  |
| 179 | Running Capacitor 60 uf cool max brand                   | Per No |  |
| 180 | Running Capacitor 60 uf forever gree brand               | Per No |  |
| 181 | Running Capacitor 65 uf Share brand                      | Per No |  |
| 182 | Running Capacitor 65 uf cool max brand                   | Per No |  |
| 183 | Running Capacitor 65 uf forever gree brand               | Per No |  |
| 184 | Running Capacitor 70 uf forever gree brand               | Per No |  |

EX.

|     |  |        |  |
|-----|--|--------|--|
| 185 | Magnetic Contactor 20 amp best quality sample Xpert brand                | Per No |  |
| 186 | Magnetic Contactor 35 amp best quality sample xpert brand                | Per No |  |
| 187 | Magnetic Contactor 38 amp best quality xpert brand                       | Per No |  |
| 188 | Magnetic Contactor 40 amp best quality xpert brand                       | Per No |  |
| 189 | Magnetic Contactor 32 amp best quality xpert brand                       | Per No |  |
| 190 | Sensors as per sample  | Per No |  |
| 191 | Capacitor for condensor fan 5 uf   | Per No |  |
| 192 | Capacitor for condensor fan 2.2 uf                                       | Per No |  |
| 193 | Split AC tool kit (Complete)   | Per No |  |
| 194 | Insulated Star Set (+ & -)   | Per No |  |
| 195 | Copper tube cutter   | Per No |  |
| 196 | Copper flaring tool  | Per No |  |
| 197 | Manifold Gauge set for R22 & 410-A (500 to PSI) super cool brand         | Per No |  |
| 198 | Manifold Gauge set for R22 & 410-A (500 to PSI) master cool brand        | Per No |  |
| 199 | Manifold Gauge set for R22 & 410-A (500 PSI) Sino cool brand             | Per No |  |
| 200 | Manifold Gauge set for R22 & 410-A (500 PSI) xpert brand                 | Per No |  |
| 201 | Manifold Gauge set for R22 & 410-A (500 PSI) Lichamp brand               | Per No |  |
| 202 | Manifold Gauge set for R22 & 410-A (500 PSI) MRCARTOOL brand             | Per No |  |
| 203 | Manifold Gauge Hose (Red,Bue,Yellow) 72" (500 PSI) Supercool brand       | Per No |  |
| 204 | Manifold Gauge Hose (Red,Bue,Yellow) 72" (500 PSI) mastercol brand       | Per No |  |
| 205 | Manifold Gauge Hose (Red,Bue,Yellow) 72" (500 PSI) mastercol brand       | Per No |  |
| 206 | Manifold Gauge Hose (Red,Bue,Yellow) 72" (500 PSI) xpert brand           | Per No |  |
| 207 | Plier best Japan   | Per No |  |
| 208 | Cutter plier japan   | Per No |  |
| 209 | MS Pipe 1/2"   | Per No |  |
| 210 | MS Pipe 3/4"   | Per No |  |
| 211 | Vacuum pump 1/3 HP Single stage rotary vane                              | Per No |  |
| 212 | CRC Rust remover / corrosion remover chemical                            | Per No |  |
| 213 | Water treatment chemical for Air cooled chiller close loop RCB Chemicals | Per No |  |
| 214 | MS elbow 1/2"  | Per No |  |
| 215 | MS elbow 3/4"  | Per No |  |
| 216 | MS elbow 1"  | Per No |  |
| 217 | MS elbow 1x1/4"  | Per No |  |
| 218 | MS elbow 1x1/2"  | Per No |  |
| 219 | MS elbow 2"  | Per No |  |
| 220 | MS elbow 2x1/2"  | Per No |  |
| 221 | MS Socket 1/2"   | Per No |  |
| 222 | MS Socket 3/4"   | Per No |  |
| 223 | MS Socket 1"   | Per No |  |
| 224 | MS Socket 1x1/4"   | Per No |  |
| 225 | MS Socket 1x1/2"   | Per No |  |
| 226 | MS Socket 2"   | Per No |  |
| 227 | MS Socket 2x1/2"   | Per No |  |
| 228 | MS Tee 1/2"  | Per No |  |
| 229 | MS Tee 3/4"  | Per No |  |
| 230 | MS Tee 1"  | Per No |  |
| 231 | MS Tee 1x1/4"  | Per No |  |



|     |                        |        |  |
|-----|------------------------|--------|--|
| 232 | MS Tee 1x1/2"          | Per No |  |
| 233 | MS Tee 2"              | Per No |  |
| 234 | MS Tee 2x1/2"          | Per No |  |
| 235 | MS Union 1/2"          | Per No |  |
| 236 | MS Union 3/4"          | Per No |  |
| 237 | MS Union 1"            | Per No |  |
| 238 | MS Union 1x1/4"        | Per No |  |
| 239 | MS Union 1x1/2"        | Per No |  |
| 240 | MS Union 2"            | Per No |  |
| 241 | MS Union 2x1/2"        | Per No |  |
| 242 | MS Nipple 1/2"         | Per No |  |
| 243 | MS Nipple 3/4"         | Per No |  |
| 244 | MS Nipple 1"           | Per No |  |
| 245 | MS Nipple 1x1/4"       | Per No |  |
| 246 | MS Nipple 1x1/2"       | Per No |  |
| 247 | MS Nipple 2"           | Per No |  |
| 248 | MS Nipple 2x1/2"       | Per No |  |
| 249 | Dead Plug 1/2"         | Per No |  |
| 250 | Dead Plug 3/4"         | Per No |  |
| 251 | Dead Plug 1"           | Per No |  |
| 252 | Dead Plug 1x1/4"       | Per No |  |
| 253 | Dead Plug 1x1/2"       | Per No |  |
| 254 | Dead Plug 2"           | Per No |  |
| 255 | Dead Plug 2x1/2"       | Per No |  |
| 256 | Flange 2-1/2"          | Per No |  |
| 257 | Flange 3"              | Per No |  |
| 258 | Pipe Wrench 12"        | Per No |  |
| 259 | Pipe Wrench 14"        | Per No |  |
| 260 | Pipe Wrench 18"        | Per No |  |
| 261 | Pipe Wrench 24"        | Per No |  |
| 262 | Pipe Wrench 36"        | Per No |  |
| 263 | Adjustable Wrench 6"   | Per No |  |
| 264 | Adjustable Wrench 12"  | Per No |  |
| 265 | Adjustable Wrench 18"  | Per No |  |
| 266 | Adjustable Wrench 24"  | Per No |  |
| 267 | Adjustable Wrench 14"  | Per No |  |
| 268 | Globe Valve 1/2"       | Per No |  |
| 269 | Globe Valve 3/4"       | Per No |  |
| 270 | Globe Valve 1"         | Per No |  |
| 271 | Globe Valve 1/4"       | Per No |  |
| 272 | Globe Valve 1x1/2"     | Per No |  |
| 273 | Globe Valve 2"         | Per No |  |
| 274 | Gate Valve 1/2" Kitz   | Per No |  |
| 275 | Gate Valve 3/4" Kitz   | Per No |  |
| 276 | Gate Valve 1" Kitz or  | Per No |  |
| 277 | Gate Valve 1-1/2" Kitz | Per No |  |
| 278 | Gate Valve 1-3/4" Kitz | Per No |  |

*Ex:*

|     |   |        |  |
|-----|---|--------|--|
| 279 | Gate Valve 2" Kitz                            | Per No |  |
| 280 | Gate Valve 2-1/2"                             | Per No |  |
| 281 | Gate Valve 3" Kitz                            | Per No |  |
| 282 | Gate Valve 4" Kitz                            | Per No |  |
| 283 | Gate Valve 5" Kitz                            | Per No |  |
| 284 | Gate Valve 6" Kitz                            | Per No |  |
| 285 | Y-Strainer 2" kitz                            | Per No |  |
| 286 | Y-Strainer 2-1/2" kitz                        | Per No |  |
| 287 | Y-Strainer 3" kitz                            | Per No |  |
| 288 | Y-Strainer 4" kitz                            | Per No |  |
| 289 | Y-Strainer 5" kitz                            | Per No |  |
| 290 | Y-Strainer 6" kitz                            | Per No |  |
| 291 | Non-Return Valve 2" kitz                      | Per No |  |
| 292 | Non-Return Valve 2-1/2" kitz                  | Per No |  |
| 293 | Non-Return Valve 3" kitz                      | Per No |  |
| 294 | Non-Return Valve 4" kitz                      | Per No |  |
| 295 | Non-Return Valve 5" kitz                      | Per No |  |
| 296 | Non-Return Valve 6" kitz                      | Per No |  |
| 297 | Double balancing valve 5"                     | Per No |  |
| 298 | Double balancing valve 6"                     | Per No |  |
| 299 | water flow rate meter digital 5"              | Per No |  |
| 300 | water flow rate meter digital 6"              | Per No |  |
| 301 | Control valve 5" kitz                         | Per No |  |
| 302 | Control valve 6" kitz                         | Per No |  |
| 303 | Ball Valve 1/2" KITZ                          | Per No |  |
| 304 | Ball Valve 3/4" KITZ                          | Per No |  |
| 305 | Ball Valve 1" KITZ                            | Per No |  |
| 306 | Ball Valve 1x1/4" KITZ                        | Per No |  |
| 307 | Ball Valve 1x1/2" KITZ                        | Per No |  |
| 308 | Ball Valve 2" KITZ                            | Per No |  |
| 309 | Ampeler                                       | Per No |  |
| 310 | Klinger Sheet                                 | Per No |  |
| 311 | D scaler                                      | Per No |  |
| 312 | Rawal Bolt Different sizes                    | Per No |  |
| 313 | Pulley japan                                  | Per No |  |
| 314 | Right Angle (Gunya) size 12", 2x1/2'          | Per No |  |
| 315 | Duct Sheet Cutter                             | Per No |  |
| 316 | GI Sheet For Ducting size (22, 24 , 26 Gauge) | Per No |  |
| 317 | Duct Round Cutter                             | Per No |  |
| 318 | Hammer (Wood) for Duct Work                   | Per No |  |
| 319 | Hammer 1/2 Kg                                 | Per No |  |
| 320 | Hammer 1 kg                                   | Per No |  |
| 321 | Step Ladder with handle (6', 4')              | Per No |  |
| 322 | Hacksaw frame                                 | Per No |  |
| 323 | Pipe cutter japan                             | Per No |  |
| 324 | Mono Set Single Phase water Pump (1 HP KSB)   | Per No |  |

*Handwritten signature*

|     |  |        |  |
|-----|--|--------|--|
| 325 | Mono Set Single Phase water Pump (.5 HP KSB)               | Per No |  |
| 326 | Garden Flexible Pipe (1/2", 3/4)                           | Per No |  |
| 327 | Rawl Bolt  | Per No |  |
| 328 | Drill Bit (All sizes) H.C.S                                | Per No |  |
| 329 | Drill Bit (All sizes) H.S.S                                | Per No |  |
| 330 | Portable Blower (Heavy Duty And Medium)                    | Per No |  |
| 331 | Hillgrove Hex socket set (Goti set)                        | Per No |  |
| 332 | Hilti machine Triple function Rotary hammer                | Per No |  |
| 333 | Double Open End Spinner Set (Complete)                     | Per No |  |
| 334 | Drill Machine ( Medium size)                               | Per No |  |
| 335 | Rivet Gun  | Per No |  |
| 336 | Rivet box  | Per No |  |
| 337 | AC Coil Cleaning Chemical For Evaporator                   | Per No |  |
| 338 | Rust removing Chemical                                     | Per No |  |
| 339 | 6 PCS Damaged Screw & Broken Bolt Extractor all sizes      | Per No |  |
| 340 | Fin Straightener   | Per No |  |
| 341 | Concrete core cutter bit / Hollow 1/2"                     | Per No |  |
| 342 | Concrete core cutter bit / Hollow 2"                       | Per No |  |
| 343 | Concrete core cutter bit / Hollow 2-1/2"                   | Per No |  |
| 344 | Concrete core cutter bit / Hollow 3"                       | Per No |  |
| 345 | Concrete core cutter bit / Hollow 3-1/2"                   | Per No |  |
| 346 | Concrete core cutter bit / Hollow 5"                       | Per No |  |
| 347 | Concrete core cutter bit / Hollow 4"                       | Per No |  |
| 348 | A/C Indoor PCB Board (1 TON) as per sample                 | Per No |  |
| 349 | A/C Indoor PCB Board (1.5 TON) as per sample               | Per No |  |
| 350 | A/C Indoor PCB Board (2 TON) as per sample                 | Per No |  |
| 351 | A/C Indoor PCB Board (3 TON) as per sample                 | Per No |  |
| 352 | A/C Indoor PCB Board (4 TON) as per sample                 | Per No |  |
| 353 | A/C Indoor PCB Board (5 TON) as per sample                 | Per No |  |
| 354 | A/C Outdoor PCB Board (1 TON) as per sample                | Per No |  |
| 355 | A/C Outdoor PCB Board (1.5 TON) as per sample              | Per No |  |
| 356 | A/C Outdoor PCB Board (2 TON) as per sample                | Per No |  |
| 357 | A/C Outdoor PCB Board (3 TON) as per sample                | Per No |  |
| 358 | A/C Outdoor PCB Board (4 TON) as per sample                | Per No |  |
| 359 | A/C Outdoor PCB Board (5 TON) as per sample                | Per No |  |
| 360 | A/C Indoor / Outdoor Unit all sensors 1 TON                | Per No |  |
| 361 | A/C Indoor / Outdoor Unit all sensors 1.5 TON              | Per No |  |
| 362 | A/C Indoor / Outdoor Unit all sensors 2 TON                | Per No |  |
| 363 | A/C Indoor / Outdoor Unit all sensors 2 TON Kenwood FS     | Per No |  |
| 364 | A/C Indoor / Outdoor Unit all sensors 3 TON                | Per No |  |
| 365 | A/C Indoor / Outdoor Unit all sensors 4 TON                | Per No |  |
| 366 | A/C Indoor / Outdoor Unit all sensors 5 TON                | Per No |  |
| 367 | Rechargeable Flash Light (Torch)                           | Per No |  |
| 368 | 2L Portable Torch Kit Refrigeration repairing complete set | Per No |  |
| 369 | 180 Degree Manual Copper Tube Bender                       | Per No |  |
| 370 | Anemometer (Digital)                                       | Per No |  |
| 371 | Infrared Thermometer (Digital)                             | Per No |  |

*Handwritten signature*



|     |  |            |  |
|-----|--|------------|--|
| 372 | Micro Fiber Cloth for AC Cleaning or Equivalent  | Per No     |  |
| 373 | PPE Safety Gloves for AC Work  | Per No     |  |
| 374 | Portable Pressure Washer for A/C servicing (100 Bar) pioneer brand   | Per No     |  |
| 375 | Portable Pressure Washer for A/C servicing (100 Bar) pioneer brand   | Per No     |  |
| 376 | Portable Pressure Washer for A/C servicing (100 Bar) Hyundai brand   | Per rft    |  |
| 377 | Steel wire hose pipe PVC Flexible 1/2"   | Per rft    |  |
| 378 | Steel wire hose pipe PVC Flexible 2"   | Per rft    |  |
| 379 | Steel wire hose pipe PVC Flexible 2-1/2"   | Per rft    |  |
| 380 | Wheel barrow   | Per No     |  |
| 381 | Room temperature sensor device   | Per No     |  |
| 382 | MS pipe 15" 40 schedule  | Per No     |  |
| 383 | MS Pipe 15" 80 Schedule  | Per No     |  |
| 384 | SS Pipe 15" 304 Schedule 40  | Per No     |  |
| 385 | SS Pipe 15 " 304 Schedule 80   | Per No     |  |
| 386 | Ms Elbow 45 degree Schedule 40   | Per No     |  |
| 387 | Ms Elbow 90 Degree Schedule 40   | Per No     |  |
| 388 | MS pipe 18" 40 schedule  | Per No     |  |
| 389 | MS Pipe 18" 80 Schedule  | Per No     |  |
| 390 | SS Pipe 18" 304 Schedule 40  | Per No     |  |
| 391 | SS Pipe 18 " 304 Schedule 80   | Per No     |  |
| 392 | MS pipe 14" 40 schedule  | Per No     |  |
| 393 | MS Pipe 14" 80 Schedule  | Per No     |  |
| 394 | SS Pipe 14" 304 Schedule 40  | Per No     |  |
| 395 | Multi Stage pump of 3HP (Golden company)   | Per No     |  |
| 396 | Multi Stage pump of 3HP (KSB company)  | Per No     |  |
| 397 | Multi Stage pump of 3HP (Hyundai company)  | Per No     |  |
| 398 | Mono block pump of 2.5 HP (Golden company)   | Per No     |  |
| 399 | Mono block pump of 2.5 HP (Hyundai company)  | Per No     |  |
| 400 | Mono block pump of 2.5 HP (KSB company)  | Per No     |  |
| 401 | Digital multi Meter (UNI-T Company)  | Per No     |  |
| 402 | Digital multi Meter (VICTOR Company)   | Per No     |  |
| 403 | Digital multi Meter (Fluke Company)  | Per No     |  |
| 404 | SS Pipe 14 " 304 Schedule 80   |            |  |
| 405 | Heppa Filter 1500 cubic meter flow Filter Class H 13 size 305 x 610 x 292 mm (ulpatek)                                       | Per No     |  |
| 406 | Heppa Filter 1000 cmh resistance 250 pa , size 610 x 305 x 292 mm (astrocel)   | Per No     |  |
| 407 | Primary Filter for Air Handling Unit size 287 x 592 x 381  | Per No     |  |
| 408 | Secondary Bag Filter For Air Handling unit size 287 x 592 x 381 mayair brand   | Per No     |  |
| 409 | 20 GI  | Per No     |  |
| 409 | S/I of VFD For chiller pumps 75 KW   | Per Gallon |  |
| 410 | HUILE BSE 170 Oil for air cooled chiller TICA 738 KW per standard  |            |  |
| 412 | S/I laminator Sheet, flourescent light complete stainless steel structure with OT ceiling as per Operation Theatre 96" x 72" | Per No     |  |

*[Handwritten Signature]*

|     |  |        |  |
|-----|--|--------|--|
| 413 | S/I Modular Air Handling Unit, Company Tica. CFM 5000, Separate heating and cooling coil, 40 kw / 50 kw and suitable VFD drive motor with all fittings   | Per No |  |
| 414 | S/I Modular Air Handling Unit, Company Tica. CFM 8000, Separate heating and cooling coil, 60 kw / 80 kw and suitable VFD drive motor with all fittings   | Per No |  |
| 415 | BMS control system mechanical room to BMS control room, all sensors, devices, DBs, panel, control system communication cable, software alteration / modification, AHU control, Dampers, control valve in all aspects | JOB    |  |
| 416 | AC Complete Service 1 Ton Testing & commissioning  | JOB    |  |
| 417 | AC Complete Service 1.5 Ton Testing & commissioning  | JOB    |  |
| 418 | AC Complete Service 2 Ton Testing & commissioning  | JOB    |  |
| 419 | AC Compressor Change 1 TON Testing & commissioning   | JOB    |  |
| 420 | AC Compressor Change 1.5 TON Testing & commissioning   | JOB    |  |
| 421 | AC Compressor Change 2 TON Testing & commissioning   | JOB    |  |
| 422 | S/Charge of AC Compressor Oil + Oil Charge 1 TON service T/C   | JOB    |  |
| 423 | S/Charge AC Compressor Oil + Oil Charge 1.5 TON service T/C  | JOB    |  |
| 424 | S/Charge AC Compressor Oil + Oil Charge 2 TON service T/C  | JOB    |  |
| 425 | AC Indoor PCB Board Repair 1 TON Service Testing & commissioning   | JOB    |  |
| 426 | AC Indoor PCB Board Repair 1.5 TON Service Testing & commissioning   | JOB    |  |
| 427 | AC Indoor PCB Board Repair 2 TON Service Testing & commissioning   | JOB    |  |
| 428 | AC outdoor PCB Board Repair 1 TON Service Testing & commissioning  | JOB    |  |
| 429 | AC outdoor PCB Board Repair 1.5 TON Service Testing & commissioning  | JOB    |  |
| 430 | AC outdoor PCB Board Repair 2 TON Service Testing & commissioning  | JOB    |  |
| 431 | AC Complete Leakage Check & Repair / Service 3 Month warranty T/C  | JOB    |  |
| 432 | AC Refrigerant Charge 1 TON service, testing & commissioning   | JOB    |  |
| 433 | AC Refrigerant Charge 1.5 TON service, testing & commissioning   | JOB    |  |
| 434 | AC Refrigerant Charge 2 TON service, testing & commissioning   | JOB    |  |
| 435 | AC Outdoor Unit condensor coil NON inverter as per sample  | No     |  |
| 436 | AC Outdoor Unit condensor coil 2 TON Inverter  | No     |  |
| 437 | AC Outdoor Unit condensor coil 1.5 TON Inverter  | No     |  |
| 438 | AC Outdoor Unit condensor coil 1 TON Inverter  | No     |  |
| 439 | AC Installation Complete 1 TON service, Testing & commissioning  | JOB    |  |
| 440 | AC Installation Complete 1.5 TON   | JOB    |  |
| 441 | AC Installation Complete 2 TON   | JOB    |  |
| 442 | S/I AC MCB Contactor 1 TON as per sample testing & commissioning   | No     |  |
| 443 | S/I AC MCB Contactor 1.5 TON as per sample testing & commissioning   | No     |  |
| 444 | S/I AC MCB Contactor 2 TON as per sample testing & commissioning   | No     |  |
| 445 | S/I AC Transformer 1 TON as per sample testing & commissioning   | No     |  |
| 446 | S/I AC Transformer 1.5 TON as per sample testing & commissioning   | No     |  |
| 447 | S/I AC Transformer 2 TON as per sample testing & commissioning   | No     |  |
| 448 | Supply AC 4 Way Valve 1 TON testing & commissioning  | No     |  |
| 449 | Supply AC 4 Way Valve 1.5 TON testing & commissioning  | No     |  |
| 450 | Supply AC 4 Way Valve 2 TON testing & commissioning  | No     |  |
| 451 | AC 4 Way Valve installation 1 TON Fixing, testing & commissioning  | Job    |  |
| 452 | AC 4 Way Valve installation 1.5 TON Fixing, testing & commissioning  | Job    |  |

*Handwritten signature*

110/18.


### Tender List 2023-24

VRF + Dx system / HVAC MCHC Block ATH Abbottabad.

| Gree GMV-5 Spare Parts List |                                   |               |
|-----------------------------|-----------------------------------|---------------|
| Sr #                        | Part Description                  | Part Code     |
| 1                           | 4-way Valve                       | 43000339      |
| 2                           | 4-way Valve                       | 43000412      |
| 3                           | 4-way Valve Assy                  | 04044100030   |
| 4                           | 4-Way Valve Assy                  | 04044100020   |
| 5                           | 4-way Valve Assy                  | 30152000009   |
| 6                           | 4-Way Valve Sub-Assy              | 04044100019   |
| 7                           | Axial Flow Fan                    | 10335010      |
| 8                           | Axial Flow Fan                    | 10434100002   |
| 9                           | Brushless DC Motor                | 15704100006   |
| 10                          | Cabinet                           | 01514100003P  |
| 11                          | Compressor                        | 00204100005   |
| 12                          | Compressor                        | 00204100002   |
| 13                          | Compressor                        | 00204100003   |
| 14                          | Compressor                        | 00204100004   |
| 15                          | Compressor and fittings           | 00204116      |
| 16                          | Compressor and Fittings           | 00204100008   |
| 17                          | Condenser Assy                    | 01124100107   |
| 18                          | Condenser Assy                    | 0112431001    |
| 19                          | Condenser Assy                    | 0112410009601 |
| 20                          | Coping Sub-Assy                   | 01264100076   |
| 21                          | Cut off Valve                     | 07334100012   |
| 22                          | Cut off Valve                     | 07334100014   |
| 23                          | Discharge Charge Valve            | 07334100002   |
| 24                          | Discharge Tube Sub-assy           | 04534100050   |
| 25                          | Discharge Tube Sub-assy           | 04534100052   |
| 26                          | Dry Filter                        | 07218769      |
| 27                          | Dry Filter Sub-Assy               | 07314100001   |
| 28                          | Dry Filter Sub-Assy               | 07314100002   |
| 29                          | Dry Filter Sub-Assy               | 07414100013   |
| 30                          | Electric Box Assy                 | 01394100611   |
| 31                          | Electric Box Assy                 | 01394100373   |
| 32                          | Electric Expansion Valve Sub-Assy | 43044100059   |
| 33                          | Electric Expansion Valve Sub-Assy | 07334100030   |
| 34                          | Electric Expansion Valve Sub-Assy | 43044100012   |
| 35                          | Electromagnetic Valve Sub-assy    | 43044100061   |
| 36                          | Electromagnetic Valve Sub-assy    | 43044100065   |
| 37                          | Electronic Expansion Valve        | 07334412      |
| 38                          | Electronic Expansion Valve        | 07331139      |

SA:

|    |                          |              |
|----|--------------------------|--------------|
| 39 | Exhaust Trunk Sub-assy   | 04534100054  |
| 40 | Exhaust Trunk Sub-assy   | 04534100012  |
| 41 | Fan Motor                | 15704124     |
| 42 | Fan motor Sub-Assy       | 15404605     |
| 43 | Filter Board             | 30224100002  |
| 44 | Filter Board             | 30228000015  |
| 45 | Filter Board             | 30228122     |
| 46 | Filter Board             | 300020060029 |
| 47 | Front Panel              | 01544620P    |
| 48 | Front Panel (left)       | 01544100003P |
| 49 | Front Panel (right)      | 01544100005P |
| 50 | Front Side Plate         | 01314100026P |
| 51 | Gas Valve Sub-Assy       | 07304100008  |
| 52 | Inhalation Tube Sub-assy | 04574100051  |
| 53 | Inhalation Tube Sub-assy | 04574100039  |
| 54 | Main Board               | 30224100003  |
| 55 | Main Board               | 30228000010  |
| 56 | Main Board               | 30224100001  |
| 57 | Main Board               | 30228609     |
| 58 | Main Board               | 30223000039  |
| 59 | Main Board               | 300027000566 |
| 60 | Main Board               | 300027060575 |
| 61 | Motor for Axial Fan Assy | 15404100018  |
| 62 | Motor Support Assy       | 01804100280  |

  
 9/12/23  
 Engr. Mazhar Khan  
 Mechanical Engineer

  
 9/12/23  
 HVAC Supervisor