

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) |   | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |   |
|---------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------|---|
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 | RATE                                                                                     |   | RATE                                                                                     |   |
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 | R                                                                                        | C | R                                                                                        | C |
|         |                   | <i>Contractor to refer to City of Cape Town – Typical Water Meter Chamber Connection on Annex 8 and 9 of the specifications (Drawing No. W4A and W4B) for more details.</i>                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>In-line strainers must be included in every installation.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>Y-strainers shall only be used in installations where it is not possible to use inline strainers. Contractor to seek approval from Employer before use.</i>                                                                                                                                                                                                                                                                                                                                                                                           |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The contractor to ensure that there is sufficient length of straight pipe of the inlet before commencement of meter installation.</i>                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The rates must include supply and installation of nuts, bolts, gaskets, etc and testing.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The meter to be supplied by City of Cape Town. The consumer valve shall be supplied and installed by others.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The rates to include keeping excavations free of water, risk of collapse, testing, removal and disposal of surplus material, waste, rubble, etc from site to a Council's disposal sites to be located by the contractor.</i>                                                                                                                                                                                                                                                                                                                          |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The rates must allow for petrolatum-based tape for corrosion prevention for pipes and fittings outside the water chamber.</i>                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>For the purpose of this tender, the water supply pipe that carries the water from the municipal water mains to the meter chamber is referred to as Leading pipe (or inlet pipe or service connection or service line).</i>                                                                                                                                                                                                                                                                                                                            |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <b><u>Chamber construction and installation of water meter inside the chamber, including the supply and installation of all required fittings such as puddle pieces, couplings, adaptors, spool pieces, valves and all associated components. This also includes the supply and installation of chamber covers and frames, all in accordance with the typical drawing No. W4A and W4B (Annex 8 and 9 of the specifications). The rate shall allow for an in-line strainer. Measurement shall be taken complete from and including the connection</u></b> |                 |                                                                                          |   |                                                                                          |   |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                                                                                                                  | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) |   | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |   |
|---------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------|---|
|         |                   |                                                                                                                                                                                                                                                                    |                 | RATE                                                                                     |   | RATE                                                                                     |   |
|         |                   |                                                                                                                                                                                                                                                                    |                 | R                                                                                        | C | R                                                                                        | C |
|         |                   | <u>of the inlet pipe to the puddle piece with all necessary couplings and adaptor, up to and including the connection to the consumer valve. (Leading pipe is measured separately. The consumer valve is supplied and installed by others.) For the following:</u> |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <b>Mechanical meter:</b>                                                                                                                                                                                                                                           |                 |                                                                                          |   |                                                                                          |   |
| 39      |                   | 50mm Mechanical meter                                                                                                                                                                                                                                              | Each            |                                                                                          |   |                                                                                          |   |
| 40      |                   | 80mm Mechanical meter                                                                                                                                                                                                                                              | Each            |                                                                                          |   |                                                                                          |   |
| 41      |                   | 100mm Mechanical meter                                                                                                                                                                                                                                             | Each            |                                                                                          |   |                                                                                          |   |
| 42      |                   | 150mm Mechanical meter                                                                                                                                                                                                                                             | Each            |                                                                                          |   |                                                                                          |   |
| 43      |                   | 200mm Mechanical meter                                                                                                                                                                                                                                             | Each            |                                                                                          |   |                                                                                          |   |
| 44      |                   | 250mm Mechanical meter                                                                                                                                                                                                                                             | Each            |                                                                                          |   |                                                                                          |   |
| 45      |                   | 300mm Mechanical meter                                                                                                                                                                                                                                             | Each            |                                                                                          |   |                                                                                          |   |
| 46      |                   | 350mm Mechanical meter                                                                                                                                                                                                                                             | Each            |                                                                                          |   |                                                                                          |   |
|         |                   | <b>Smart meter:</b>                                                                                                                                                                                                                                                |                 |                                                                                          |   |                                                                                          |   |
| 47      |                   | 50mm Smart meter                                                                                                                                                                                                                                                   | Each            |                                                                                          |   |                                                                                          |   |
| 48      |                   | 80mm Smart meter                                                                                                                                                                                                                                                   | Each            |                                                                                          |   |                                                                                          |   |
| 49      |                   | 100mm Smart meter                                                                                                                                                                                                                                                  | Each            |                                                                                          |   |                                                                                          |   |
| 50      |                   | 150mm Smart meter                                                                                                                                                                                                                                                  | Each            |                                                                                          |   |                                                                                          |   |
| 51      |                   | 200mm Smart meter                                                                                                                                                                                                                                                  | Each            |                                                                                          |   |                                                                                          |   |
| 52      |                   | 250mm Smart meter                                                                                                                                                                                                                                                  | Each            |                                                                                          |   |                                                                                          |   |
| 53      |                   | 300mm Smart meter                                                                                                                                                                                                                                                  | Each            |                                                                                          |   |                                                                                          |   |
| 54      |                   | 350mm Smart meter                                                                                                                                                                                                                                                  | Each            |                                                                                          |   |                                                                                          |   |
|         |                   | <u><b>Modification of existing water meter chamber to align with SANS and City of Cape Town requirements:</b></u>                                                                                                                                                  |                 |                                                                                          |   |                                                                                          |   |
| 55      |                   | Break existing chamber and extend meter chamber horizontally. Rate to include removal of water meter, other components, making good and carting away.                                                                                                              | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
| 56      |                   | Break existing chamber and raise meter chamber vertically. Rate to include removal of water meter, other component and making good.                                                                                                                                | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) |   | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |   |
|---------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------|---|
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 | RATE                                                                                     |   | RATE                                                                                     |   |
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 | R                                                                                        | C | R                                                                                        | C |
| 57      |                   | Break existing chamber and extend meter chamber horizontally without removing water meter and other components. The rates to include making good.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
| 58      |                   | Break existing chamber and raise meter chamber vertically without removal of water meter and other components. The rate to include making good.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
|         |                   | <u>Installation of water meter inside the chamber (chamber itself measured separately), including the supply and installation of all required fittings such as puddle pieces, couplings, adaptors, spool pieces, valves and all associated components, all in accordance with the typical drawing No. W4A and W4B (Annex 8 and 9 of the specifications). The rate shall allow for an in-line strainer. Measurement shall be taken complete from and including the connection of the inlet pipe to the puddle piece with all necessary couplings and adaptor, up to and including the connection to the consumer valve. (Leading pipe is measured separately. The consumer valve is supplied and installed by others.) For the following:</u> |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <u>Mechanical meter:</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                                                                                          |   |                                                                                          |   |
| 59      |                   | 50mm Mechanical meter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Each            |                                                                                          |   |                                                                                          |   |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIBB 3CE/SO or Higher) |   | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIBB 4CE/SO or Higher) |   |
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|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 | RATE                                                                                     |   | RATE                                                                                     |   |
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 | R                                                                                        | C | R                                                                                        | C |
|         | SANS 1200L        | BULK WATER PIPES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <u>Supplementary preambles</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The rates to include keeping excavations free of water, risk of collapse, testing, removal and disposal of surplus material, rubble, waste, etc from site to a Council's disposal sites to be located by the contractor.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <u>Excavation for water supply piping, including the supply and installation of the water supply pipe connecting the municipal water main to the property water meter (also referred to as the leading pipe, inlet pipe, service connection, or service line). The rate shall include all works from and including the connection to the municipal valve (the municipal valve itself is measured separately), including connection to the municipal valve, the supply and installation of all associated fittings such as couplings, adaptors, and any other necessary components, up to the location of the water meter chamber. The rate shall also include backfilling with imported materials, compaction in layers, and the protection of the inlet pipe prior to the installation of the water meter and associated components. All works shall be carried out in accordance with typical drawing No. W4A and W4B (Annex 8 and 9 of the specifications). For the following:</u> |                 |                                                                                          |   |                                                                                          |   |
|         |                   | High Density Polyethylene Pipe (HDPE):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                                                                                          |   |                                                                                          |   |
| 159     |                   | 50mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |
| 160     |                   | 80mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |
| 161     |                   | 100mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
| 162     |                   | 150mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
| 163     |                   | 200mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
|         |                   | <b>Polyvinyl chloride Pipe:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |                                                                                          |   |                                                                                          |   |
| 164     |                   | 50mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |
| 165     |                   | 80mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |
| 166     |                   | 100mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
| 167     |                   | 150mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
| 168     |                   | 200mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
|         |                   | <b>Extra over items no 159 to 168 above for pipes crossing under a road (road crossing):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |                                                                                          |   |                                                                                          |   |
| 169     |                   | 50mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                       | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) |   | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |   |
|---------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------|---|
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                         |                 | RATE                                                                                     |   | RATE                                                                                     |   |
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                         |                 | R                                                                                        | C | R                                                                                        | C |
| 170     |                   | 80mm diameter                                                                                                                                                                                                                                                                                                                                                                                           | m               |                                                                                          |   |                                                                                          |   |
| 171     |                   | 100mm diameter                                                                                                                                                                                                                                                                                                                                                                                          | m               |                                                                                          |   |                                                                                          |   |
| 172     |                   | 150mm diameter                                                                                                                                                                                                                                                                                                                                                                                          | m               |                                                                                          |   |                                                                                          |   |
| 173     |                   | 200mm diameter                                                                                                                                                                                                                                                                                                                                                                                          | m               |                                                                                          |   |                                                                                          |   |
| 174     |                   | Extra over item no 159 to 168 above for excavation in soft rock                                                                                                                                                                                                                                                                                                                                         | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
| 175     |                   | Extra over the item no 159 to 168 above for excavation in hard rock                                                                                                                                                                                                                                                                                                                                     | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
|         |                   | <b><u>Make connection to the water mains (water mains not exceeding 200mm diameter), including all necessary excavations, supply and installation of fittings, such as couplings, tee pieces and municipal valve, as well as backfilling with import materials and compaction, all in accordance with typical drawing No. W4A and W4B (Annex 8 and 9 of the specifications). For the following:</u></b> |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <b>High Density Polyethylene Pipe (HDPE). Rate to allow for fusion-welded tee pieces:</b>                                                                                                                                                                                                                                                                                                               |                 |                                                                                          |   |                                                                                          |   |
| 176     |                   | 50mm diameter                                                                                                                                                                                                                                                                                                                                                                                           | Per connection  |                                                                                          |   |                                                                                          |   |
| 177     |                   | 80mm to 100mm diameter                                                                                                                                                                                                                                                                                                                                                                                  | Per connection  |                                                                                          |   |                                                                                          |   |
| 178     |                   | 150mm diameter                                                                                                                                                                                                                                                                                                                                                                                          | Per connection  |                                                                                          |   |                                                                                          |   |
| 179     |                   | 200mm diameter                                                                                                                                                                                                                                                                                                                                                                                          | Per connection  |                                                                                          |   |                                                                                          |   |
|         |                   | <b>Polyvinyl chloride Pipe:</b>                                                                                                                                                                                                                                                                                                                                                                         |                 |                                                                                          |   |                                                                                          |   |
| 180     |                   | 50mm diameter                                                                                                                                                                                                                                                                                                                                                                                           | Per connection  |                                                                                          |   |                                                                                          |   |
| 181     |                   | 80mm to 100mm diameter                                                                                                                                                                                                                                                                                                                                                                                  | Per connection  |                                                                                          |   |                                                                                          |   |
| 182     |                   | 150mm diameter                                                                                                                                                                                                                                                                                                                                                                                          | Per connection  |                                                                                          |   |                                                                                          |   |
| 183     |                   | 200mm diameter                                                                                                                                                                                                                                                                                                                                                                                          | Per connection  |                                                                                          |   |                                                                                          |   |
| 184     |                   | Extra over item no 176 to 183 above for excavation in rock                                                                                                                                                                                                                                                                                                                                              | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
|         |                   | <b>OTHER REQUIREMENTS</b>                                                                                                                                                                                                                                                                                                                                                                               |                 |                                                                                          |   |                                                                                          |   |
| 185     |                   | Wayleaves application necessary for works project/order                                                                                                                                                                                                                                                                                                                                                 | Sum             |                                                                                          |   |                                                                                          |   |
| 186     |                   | Thrust boring                                                                                                                                                                                                                                                                                                                                                                                           | m               |                                                                                          |   |                                                                                          |   |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                  | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) |   | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |   |
|---------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------|---|
|         |                   |                                                                                                                                                                    |                 | RATE                                                                                     |   | RATE                                                                                     |   |
|         |                   |                                                                                                                                                                    |                 | R                                                                                        | C | R                                                                                        | C |
|         |                   | <b>SPECIALISED SECURITY</b>                                                                                                                                        |                 |                                                                                          |   |                                                                                          |   |
|         |                   | Provision of specialised security including required equipment, tools, transportation, escort services and security protection required for while executing works: |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <u><b>Unarmed Security officers</b></u>                                                                                                                            |                 |                                                                                          |   |                                                                                          |   |
| 187     |                   | a) Grade C Security officer, graded as such with PSIRA                                                                                                             | day             |                                                                                          |   |                                                                                          |   |
| 188     |                   | b) Grade D Security officer, graded as such with PSIRA                                                                                                             | day             |                                                                                          |   |                                                                                          |   |
|         |                   | <u><b>Armed Security officers</b></u>                                                                                                                              |                 |                                                                                          |   |                                                                                          |   |
| 189     |                   | a) Grade C Security officer, graded as such with PSIRA                                                                                                             | day             |                                                                                          |   |                                                                                          |   |
|         |                   | <u><b>Unarmed Security officers</b></u>                                                                                                                            |                 |                                                                                          |   |                                                                                          |   |
| 190     |                   | a) Grade C Security officer, graded as such with PSIRA                                                                                                             | hr              |                                                                                          |   |                                                                                          |   |
| 191     |                   | b) Grade D Security officer, graded as such with PSIRA                                                                                                             | hr              |                                                                                          |   |                                                                                          |   |
|         |                   | <u><b>Armed Security officers</b></u>                                                                                                                              |                 |                                                                                          |   |                                                                                          |   |
| 192     |                   | a) Grade C Security officer, graded as such with PSIRA                                                                                                             | hr              |                                                                                          |   |                                                                                          |   |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) |   | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |   |
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|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 | RATE                                                                                     |   | RATE                                                                                     |   |
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 | R                                                                                        | C | R                                                                                        | C |
|         |                   | <i>Y-strainers shall only be used in installations where it is not possible to use inline strainers. Contractor to seek approval from Employer before use.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The contractor to ensure that there is sufficient length of straight pipe of the inlet before commencement of meter installation.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The rates must include supply and installation of nuts, bolts, gaskets, etc:</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The meter to be supplied by City of Cape Town. The consumer valve shall be supplied and installed by others.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The rates to include keeping excavations free of water, risk of collapse, testing, removal and disposal of surplus material, waste, rubble, etc from site to a Council's disposal sites to be located by the contractor.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>The rates must allow for petrolatum-based tape for corrosion prevention for pipes and fittings outside the water chamber.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <i>For the purpose of this tender, the water supply pipe that connects the municipal water main to the property's water meter is referred to as Leading (or service connection/line).</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <b><u>Chamber construction and installation of water meter inside the chamber, including the supply and installation of all required fittings such as puddle pieces, couplings, adaptors, spool pieces, valves and all associated components. This also includes the supply and installation of chamber covers and frames, all in accordance with the typical drawing No. W4A and W4B (Annex 8 and 9 of the specifications). The rate shall allow for an in-line strainer. Measurement shall be taken complete from and including the connection of the inlet pipe to the puddle piece with all necessary couplings and adaptor, up to and including the connection to the consumer valve. (Leading pipe is measured separately. The consumer valve is supplied and installed by others.) For the following</u></b> |                 |                                                                                          |   |                                                                                          |   |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                     | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) |   | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |   |
|---------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------|---|
|         |                   |                                                                                                                                                       |                 | RATE                                                                                     |   | RATE                                                                                     |   |
|         |                   |                                                                                                                                                       |                 | R                                                                                        | C | R                                                                                        | C |
|         |                   | <b>Mechanical meter:</b>                                                                                                                              |                 |                                                                                          |   |                                                                                          |   |
| 230     |                   | 50mm Mechanical meter                                                                                                                                 | Each            |                                                                                          |   |                                                                                          |   |
| 231     |                   | 80mm Mechanical meter                                                                                                                                 | Each            |                                                                                          |   |                                                                                          |   |
| 232     |                   | 100mm Mechanical meter                                                                                                                                | Each            |                                                                                          |   |                                                                                          |   |
| 233     |                   | 150mm Mechanical meter                                                                                                                                | Each            |                                                                                          |   |                                                                                          |   |
| 234     |                   | 200mm Mechanical meter                                                                                                                                | Each            |                                                                                          |   |                                                                                          |   |
| 235     |                   | 250mm Mechanical meter                                                                                                                                | Each            |                                                                                          |   |                                                                                          |   |
| 236     |                   | 300mm Mechanical meter                                                                                                                                | Each            |                                                                                          |   |                                                                                          |   |
| 237     |                   | 350mm Mechanical meter                                                                                                                                | Each            |                                                                                          |   |                                                                                          |   |
|         |                   | <b>Smart meter:</b>                                                                                                                                   |                 |                                                                                          |   |                                                                                          |   |
| 238     |                   | 50mm Smart meter                                                                                                                                      | Each            |                                                                                          |   |                                                                                          |   |
| 239     |                   | 80mm Smart meter                                                                                                                                      | Each            |                                                                                          |   |                                                                                          |   |
| 240     |                   | 100mm Smart meter                                                                                                                                     | Each            |                                                                                          |   |                                                                                          |   |
| 241     |                   | 150mm Smart meter                                                                                                                                     | Each            |                                                                                          |   |                                                                                          |   |
| 242     |                   | 200mm Smart meter                                                                                                                                     | Each            |                                                                                          |   |                                                                                          |   |
| 243     |                   | 250mm Smart meter                                                                                                                                     | Each            |                                                                                          |   |                                                                                          |   |
| 244     |                   | 300mm Smart meter                                                                                                                                     | Each            |                                                                                          |   |                                                                                          |   |
| 245     |                   | 350mm Smart meter                                                                                                                                     | Each            |                                                                                          |   |                                                                                          |   |
|         |                   | <b><u>Modification of existing water meter chamber to align with SANS and City of Cape Town requirements:</u></b>                                     |                 |                                                                                          |   |                                                                                          |   |
| 246     |                   | Break existing chamber and extend meter chamber horizontally. Rate to include removal of water meter, other components, making good and carting away. | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
| 247     |                   | Break existing chamber and raise meter chamber vertically. Rate to include removal of water meter, other component and making good.                   | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
| 248     |                   | Break existing chamber and extend meter chamber horizontally without removing water meter and other components. The rates to include making good.     | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
| 249     |                   | Break existing chamber and raise meter chamber vertically without removal of water meter and other components. The rate to include making good.       | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |
|---------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                 | RATE<br>R C                                                                              | RATE<br>R C                                                                              |
|         |                   | <u>Installation of water meter inside the chamber (chamber itself measured separately), including the supply and installation of all required fittings such as puddle pieces, couplings, adaptors, spool pieces, valves and all associated components, all in accordance with the typical drawing No. W4A and W4B (Annex 8 and 9 of the specifications). The rate shall allow for an in-line strainer. Measurement shall be taken complete from and including the connection of the inlet pipe to the puddle piece with all necessary couplings and adaptor, up to and including the connection to the consumer valve. (Leading pipe is measured separately. The consumer valve is supplied and installed by others.) For the following:</u> |                 |                                                                                          |                                                                                          |
|         |                   | <b>Mechanical meter:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                                                                                          |                                                                                          |
| 250     |                   | 50mm Mechanical meter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Each            |                                                                                          |                                                                                          |
| 251     |                   | 80mm Mechanical meter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Each            |                                                                                          |                                                                                          |
| 252     |                   | 100mm Mechanical meter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Each            |                                                                                          |                                                                                          |
| 253     |                   | 150mm Mechanical meter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Each            |                                                                                          |                                                                                          |
| 254     |                   | 200mm Mechanical meter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Each            |                                                                                          |                                                                                          |
| 255     |                   | 250mm Mechanical meter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Each            |                                                                                          |                                                                                          |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) |   | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |   |
|---------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------|---|
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 | RATE                                                                                     |   | RATE                                                                                     |   |
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 | R                                                                                        | C | R                                                                                        | C |
|         |                   | <u>Excavation for water supply piping, including the supply and installation of the water supply pipe connecting the municipal water main to the property water meter (also referred to as the leading pipe, inlet pipe, service connection, or service line). The rate shall include all works from and including the connection to the municipal valve (the municipal valve itself is measured separately), including connection to the municipal valve, the supply and installation of all associated fittings such as couplings, adaptors, and any other necessary components, up to the location of the water meter chamber. The rate shall also include backfilling with imported materials, compaction in layers, and the protection of the inlet pipe prior to the installation of the water meter and associated components. All works shall be carried out in accordance with typical drawing No. W4A and W4B (Annex 8 and 9 of the specifications). For the following:</u> |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <b>High Density Polyethylene Pipe (HDPE):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                                                                                          |   |                                                                                          |   |
| 350     |                   | 50mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |
| 351     |                   | 80mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |
| 352     |                   | 100mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
| 353     |                   | 150mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
| 354     |                   | 200mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
|         |                   | <b>Polyvinyl chloride Pipe:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |                                                                                          |   |                                                                                          |   |
| 355     |                   | 50mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |
| 356     |                   | 80mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |
| 357     |                   | 100mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
| 358     |                   | 150mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
| 359     |                   | 200mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
|         |                   | <b>Extra over items no 350 to 359 above for pipes crossing under a road (road crossing):</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                 |                                                                                          |   |                                                                                          |   |
| 360     |                   | 50mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |
| 361     |                   | 80mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | m               |                                                                                          |   |                                                                                          |   |
| 362     |                   | 100mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
| 363     |                   | 150mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |
| 364     |                   | 200mm diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | m               |                                                                                          |   |                                                                                          |   |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) |   | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |   |
|---------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------------|---|
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                  |                 | RATE                                                                                     |   | RATE                                                                                     |   |
|         |                   |                                                                                                                                                                                                                                                                                                                                                                                                  |                 | R                                                                                        | C | R                                                                                        | C |
| 365     |                   | Extra over item no 350 to 359 above for excavation in soft rock                                                                                                                                                                                                                                                                                                                                  | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
| 366     |                   | Extra over the item no 350 to 359 above for excavation in hard rock                                                                                                                                                                                                                                                                                                                              | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
|         |                   | <u>Make connection to the water mains (water mains not exceeding 200mm diameter), including all necessary excavations, supply and installation of fittings, such as couplings, tee pieces and municipal valve, as well as backfilling with import materials and compaction, all in accordance with typical drawing No. W4A and W4B (Annex 8 and 9 of the specifications). For the following:</u> |                 |                                                                                          |   |                                                                                          |   |
|         |                   | <b>High Density Polyethylene Pipe (HDPE). Rate to allow for fusion-welded tee pieces:</b>                                                                                                                                                                                                                                                                                                        |                 |                                                                                          |   |                                                                                          |   |
| 367     |                   | 50mm diameter                                                                                                                                                                                                                                                                                                                                                                                    | Per connection  |                                                                                          |   |                                                                                          |   |
| 368     |                   | 80mm to 100mm diameter                                                                                                                                                                                                                                                                                                                                                                           | Per connection  |                                                                                          |   |                                                                                          |   |
| 369     |                   | 150mm diameter                                                                                                                                                                                                                                                                                                                                                                                   | Per connection  |                                                                                          |   |                                                                                          |   |
| 370     |                   | 200mm diameter                                                                                                                                                                                                                                                                                                                                                                                   | Per connection  |                                                                                          |   |                                                                                          |   |
|         |                   | <b>Polyvinyl chloride Pipe:</b>                                                                                                                                                                                                                                                                                                                                                                  |                 |                                                                                          |   |                                                                                          |   |
| 371     |                   | 50mm diameter                                                                                                                                                                                                                                                                                                                                                                                    | Per connection  |                                                                                          |   |                                                                                          |   |
| 372     |                   | 80mm to 100mm diameter                                                                                                                                                                                                                                                                                                                                                                           | Per connection  |                                                                                          |   |                                                                                          |   |
| 373     |                   | 150mm diameter                                                                                                                                                                                                                                                                                                                                                                                   | Per connection  |                                                                                          |   |                                                                                          |   |
| 374     |                   | 200mm diameter                                                                                                                                                                                                                                                                                                                                                                                   | Per connection  |                                                                                          |   |                                                                                          |   |
| 375     |                   | Extra over item no 367 to 374 above for excavation in rock                                                                                                                                                                                                                                                                                                                                       | m <sup>3</sup>  |                                                                                          |   |                                                                                          |   |
|         |                   | <b>OTHER REQUIREMENTS</b>                                                                                                                                                                                                                                                                                                                                                                        |                 |                                                                                          |   |                                                                                          |   |
| 376     |                   | Wayleaves application necessary for works project/order                                                                                                                                                                                                                                                                                                                                          | Sum             |                                                                                          |   |                                                                                          |   |
| 377     |                   | Thrust boring                                                                                                                                                                                                                                                                                                                                                                                    | m               |                                                                                          |   |                                                                                          |   |
|         |                   | <b>SPECIALISED SECURITY</b>                                                                                                                                                                                                                                                                                                                                                                      |                 |                                                                                          |   |                                                                                          |   |

**TERM TENDER FOR THE REPLACEMENT AND INSTALLATION OF WATER METERS WITH NOMINAL BORE EXCEEDING 40MM INCLUDING ASSOCIATED CONNECTIONS INFRASTRUCTURE ACROSS THE CITY OF CAPE TOWN**

| ITEM NO | PAYMENT REFERENCE | SHORT DESCRIPTION                                                                                                                                                                                                                                                                                                        | UNIT OF MEASURE | WORKS PROJECT CATEGORY 1:<br>More than R1million up to R3million (CIDB 3CE/SO or Higher) | WORKS PROJECT CATEGORY 2:<br>More than R3million up to R6million (CIDB 4CE/SO or Higher) |
|---------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|         |                   |                                                                                                                                                                                                                                                                                                                          |                 | RATE<br>R C                                                                              | RATE<br>R C                                                                              |
|         |                   | Provision of specialised security including required equipment, tools, transportation, escort services and security protection required for while executing works:                                                                                                                                                       |                 |                                                                                          |                                                                                          |
|         |                   | <u>Unarmed Security officers</u>                                                                                                                                                                                                                                                                                         |                 |                                                                                          |                                                                                          |
| 378     |                   | a) Grade C Security officer, graded as such with PSIRA                                                                                                                                                                                                                                                                   | day             |                                                                                          |                                                                                          |
| 379     |                   | b) Grade D Security officer, graded as such with PSIRA                                                                                                                                                                                                                                                                   | day             |                                                                                          |                                                                                          |
|         |                   | <u>Armed Security officers</u>                                                                                                                                                                                                                                                                                           |                 |                                                                                          |                                                                                          |
| 380     |                   | a) Grade C Security officer, graded as such with PSIRA                                                                                                                                                                                                                                                                   | day             |                                                                                          |                                                                                          |
|         |                   | <u>Unarmed Security officers</u>                                                                                                                                                                                                                                                                                         |                 |                                                                                          |                                                                                          |
| 381     |                   | a) Grade C Security officer, graded as such with PSIRA                                                                                                                                                                                                                                                                   | hr              |                                                                                          |                                                                                          |
| 382     |                   | b) Grade D Security officer, graded as such with PSIRA                                                                                                                                                                                                                                                                   | hr              |                                                                                          |                                                                                          |
|         |                   | <u>Armed Security officers</u>                                                                                                                                                                                                                                                                                           |                 |                                                                                          |                                                                                          |
| 383     |                   | a) Grade C Security officer, graded as such with PSIRA                                                                                                                                                                                                                                                                   | hr              |                                                                                          |                                                                                          |
|         |                   | <b><u>SCHEDULE D: PROVISIONAL SUMS</u></b>                                                                                                                                                                                                                                                                               |                 |                                                                                          |                                                                                          |
|         |                   | <u>Where the work or items to which the provisional sums relate are to be executed/supplied by sub contractors/suppliers, the supplier must request a minimum of three written quotations for approval by the Employer's representative. The supplier to submit associated invoices when claiming against this item:</u> |                 |                                                                                          |                                                                                          |