

### Technical Data Schedule

| S/N | Description   | Unit  | Requirement | Bidder's Offer           |
|-----|---|-------|-------------|--------------------------|
| 1   | Manufacturer's name   |       | Specify     | Coast Concrete Poles Ltd |
| 2   | Country of origin   |       | Specify     | Tanzania                 |
| 3   | Pole length   | m     | Specify     | 15M                      |
| 4   | Strength class  |       |             | 75SC                     |
| 5   | Top diameter  | mm    | Specify     | 190mm                    |
| 6   | Bottom diameter   | mm    | Specify     | 390mm                    |
| 7   | Spiral wire diameter  | mm    | Specify     | 3mm                      |
| 8   | Ring bar diameter   | mm    | Specify     | 5mm                      |
| 9   | Horizontal PC wire diameter                                     | mm    | Specify     | 7mm                      |
| 10  | Number of horizontal PC wires                                   | mm    | Specify     | 20pcs                    |
| 11  | Spacing of ring bar (tip to bottom)                             | mm    | Specify     | 500mm                    |
| 12  | Spacing of spiral wire (tip to bottom)                          | mm    | Specify     | 150mm                    |
| 13  | Cover over reinforcement, measured from the surface of the pole | mm    | Specify     | 25mm                     |
| 14  | Average pole weight   | kg    | Specify     | Less than 1500kg         |
| 15  | Average wall thickness  | mm    | Specify     | 55mm                     |
| 16  | Taper   |       | Specify     | 1/75                     |
| 17  | Colour code   |       | Specify     | Sky Blue                 |
| 18  | Pole ultimate load  | kN    | Specify     | 11.25kN                  |
| 19  | Pole proof load   | kN    | Specify     | 7.03kN                   |
| 20  | Size of coarse aggregate  | mm    | Specify     | 10mm-14mm                |
| 21  | PC wire yield strength  | MPa   | Specify     | > 1500MPa                |
| 22  | Rebar yield strength  | MPa   | Specify     | > 500MPa                 |
| 23  | Concrete compression strength                                   | MPa   | Specify     | 50MPa                    |
| 24  | Concrete tensile strength                                       | MPa   | Specify     | -5.88MPa                 |
| 25  | Warranty period   | Years | Specify     | 15 Years                 |
| 26  | Certified copy of latest ISO 9001 furnished with the offer      | Y/N   | Indicate    | No                       |
| 27  | Test Certificates furnished with the offer?                     | Y/N   | Indicate    | Yes                      |
| 28  | Certified copy of ISO 14001 furnished with the offer            | Y/N   | Indicate    | No                       |
| 29  | Is Warranty certificate submitted                               | Y/N   | Indicate    | Yes                      |

**NB: Please fill in Bidder's Offer for each item**

.....  
**Signature and seal of the Manufacturer**

.....  
**Date**

**I/We certify that the above data are true and correct**

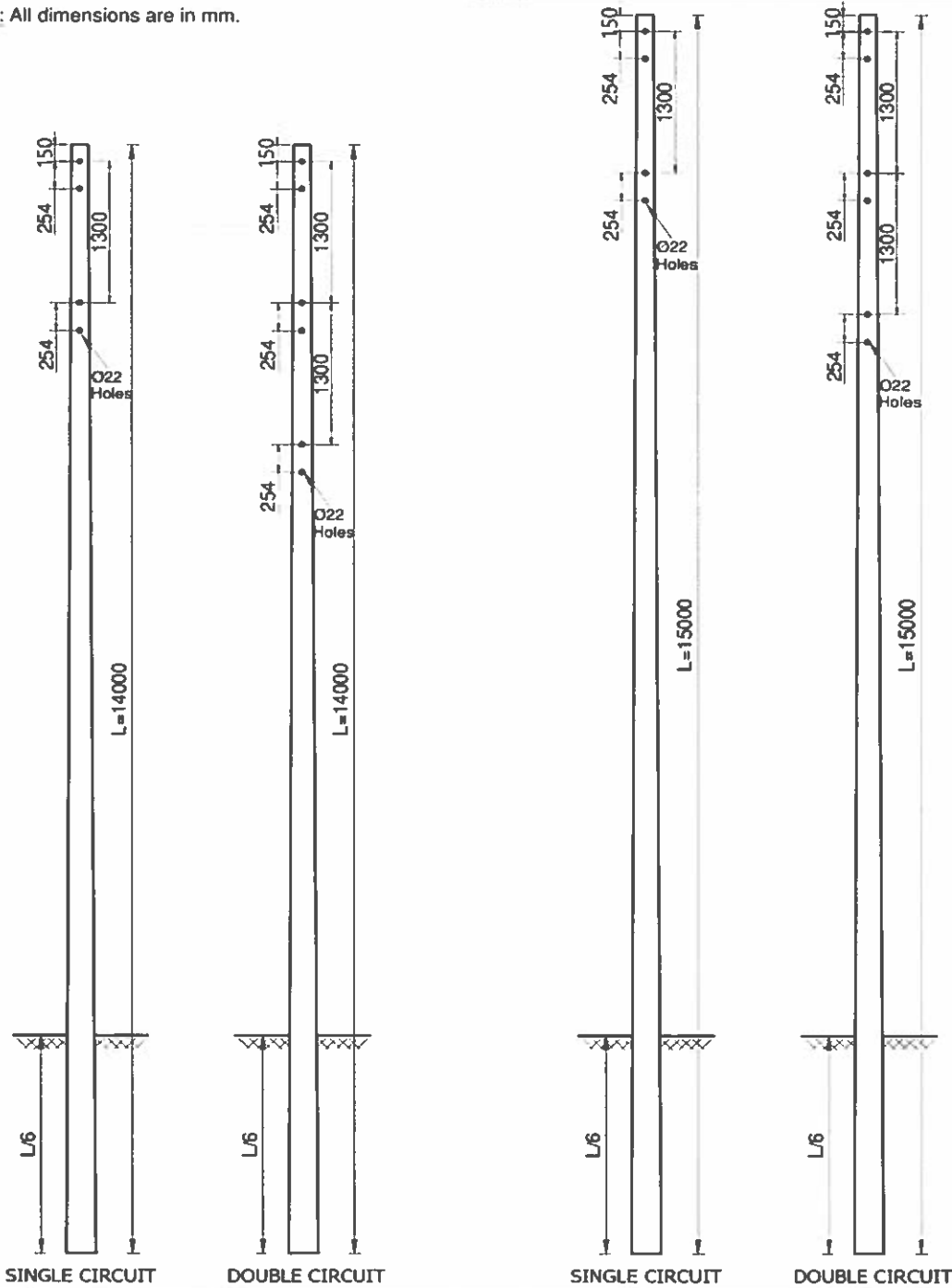
.....  
**Signature and seal of the Bidder**


.....  
**Date**



**SPECIFICATION S71B – SPUN PRESTRESSED CONCRETE POLES**

NOTE: All dimensions are in mm.



| Qty   | Item | Description                 | Cat.-no   | Drawing no. | Remarks                            |
|---|------|-----------------------------|---|-------------|------------------------------------|
| Specification for Spun Pre-stressed Concrete Poles                                  |      |                             | 14m and 15m Concrete Poles Holes Configuration for MV Lines |             |                                    |
|  |      | Specification No.<br>S-71 B | Drawing number<br>S-71B-2021/03                             |             | Rev<br>01                          |
| Drawn by: EM  |      | Checked by: MK              | Approved by: MK   |             | Date 01-07-2021 Scale not to scale |

**Drawing 3: Holes configuration for 14m & 15m Poles**