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ARAB ENGINEERING BUREAU

6 FLAG POLES

6.1 GENERAL

6.1.1 Scope

- 1 This Section specifies the requirements for manufacture, materials and installation of flag poles.

6.1.2 References

- 1 The following standards are referred to in this Part:

BS 729.....Hot dipped galvanized coating (ISO 1461)

6.1.3 Submittals

- 1 The Contractor shall submit the following:

- (a) manufacturer's descriptive literature for flagpoles, including all components, accessories and configuration
- (b) shop drawings indicating detailed dimensions, base attachment details and anchor requirements
- (c) structural calculations showing stability under imposed loads
- (d) two samples illustrating pole material, colour, and finish.

6.1.4 Delivery, Storage and Handling

- 1 The delivery, storage and handling of components included in this Part shall comply with the requirements of Section 1, General, and the following clauses.
- 2 The flagpole shall be spiral wrapped with protective covering and packed in protective shipping tubes or containers.
- 3 Flagpoles shall be delivered complete with all accessories.

6.1.5 System Description

- 1 Each flag pole including fittings, accessories, bases and anchorage devices shall be provided complete by a single manufacturer.
- 2 Flag poles and associated accessories should be designed to withstand wind loads.
- 3 Flag poles shall be constructed and delivered to the site in one piece, where possible and practicable. If more than one piece is necessary, provide close-fitting joints with self-aligning, internal sleeve arrangement. Joints shall be inconspicuous and weather tight.
- 4 The method of hoisting the flag shall be by an internal or external halyard as detailed in the Project Documentation.

6.2 CONSTRUCTION

6.2.1 Materials

- 1 Materials for flag poles shall be as follows unless otherwise detailed in the Project Documentation:
- (a) aluminium
 - (b) steel
 - (c) stainless steel
 - (d) bronze

- (e) fibre glass

6.2.2 Finishes

1 Finishes for flag poles shall be as follows unless otherwise detailed in the Project Documentation:

- (a) satin brush finish (aluminium, stainless steel and bronze)
- (b) anodised finish (aluminium)
- (c) organic coatings such as paint, air drying epoxies, urethanes, and thermally cured fluorocarbons (aluminium and steel).
- (d) chemically oxidised (antique) finish (bronze)
- (e) galvanized finish (steel) in accordance with BS 729.

6.2.3 Installation

1 The flag pole and associated components and accessories shall be installed in accordance with the manufacturer's installation instructions.

END OF PART