# **Appendix**

## **Price Schedule**

Bidders are required to complete the price schedule below and submit a copy with the offer.

|  |  |  |  |
| --- | --- | --- | --- |
| **HVABC Description** | **Cable Length Per Drum** | **Unit Price per meter** | **Price per drum** |
| 6.35/ 11 (12) kV XLPE ABC – 50mm2 | 500m |  |  |
| 6.35/ 11 (12) kV XLPE ABC – 95mm2 | 500m |  |  |

## **Technical Details – HVABC**

All tenderers are required to complete and submit a copy of this form with their bid submissions.

|  |  |  |
| --- | --- | --- |
| **Particulars** | **Response from Bidders** | |
| **Phase Conductor:** | **50mm2** | **95mm2** |
| Material |  |  |
| Number of cores |  |  |
| Shape of conductor |  |  |
| Nominal cross section area (mm2) |  |  |
| Number of strands in conductor |  |  |
| Diameter of each strand (mm) |  |  |
| Approximate diameter of conductor (mm) |  |  |
| Maximum DC resistance at 20oC (Ω/Km) |  |  |
| **Conductor Screening:** |  |  |
| Material |  |  |
| Minimum thickness (mm) |  |  |
| **Insulation:** |  |  |
| Material |  |  |
| Nominal thickness (mm) |  |  |
| Tolerance of thickness |  |  |
| **Insulation Screening:** |  |  |
| Material |  |  |
| Thickness (mm) |  |  |
| **XLPE Sheath Over Core:** |  |  |
| Material |  |  |
| Nominal thickness (mm) |  |  |
| Sheath color |  |  |
| **Messenger Wire:** |  |  |
| Material & its applicable standard |  |  |
| Shape of conductor |  |  |
| Nominal cross section area (mm2) |  |  |
| Number of strands in conductor |  |  |
| Diameter of each strand (mm) |  |  |
| Approximate conductor diameter (mm) |  |  |
| DC resistance at 20oC (Ω/Km) |  |  |
| Breaking load (KN) |  |  |
| **Cables:** |  |  |
| Continuous current carrying capacity in still air at ambient temperature of 40oC (A) |  |  |
| Continuous current carrying capacity in 1 m/s wind at ambient temperature of 40oC (A) |  |  |
| Continuous current carrying capacity in 2 m/s wind at ambient temperature of 40oC (A) |  |  |
| Rated RMS power frequency core-to-earth voltage |  |  |
| Rated RMS power frequency core-to-core voltage |  |  |
| AC conductor resistance at 75oC (Ω/Km) |  |  |
| Equivalent star reactance |  |  |
| Three phase voltage drop at 75oC (mV/Amp.m) |  |  |
| AC test voltage |  |  |
| Maximum short circuit current for 1 sec (kA) |  |  |
| Identification of power core |  |  |
| Approximate overall diameter of cable |  |  |
| Cable weight per 100m |  |  |
| Total mass of cable (Kg/Km) |  |  |
| Standard length of cable in each drum (m) |  |  |
| Gross weight of drum (kg) |  |  |
| Maximum conductor temperature during short circuit |  |  |
| Bending radius of cable |  |  |
| Manufacturer identification mark |  |  |

**Name of Tenderer:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Signature of Tenderer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## **Submission Requirements**

All tenderers are required to complete and submit a copy of the submission requirements with their bid submissions.

|  |  |
| --- | --- |
| **Requirements** | **Response from Bidders** |
| Completed technical details (Clause 15.2), submission requirements (Clause 15.2) & price schedule (Clause 15.1). (Yes/No) |  |
| Validity of bid (120 days required) (Yes/No) |  |
| Training included as part of Bid. (Yes/No) |  |
| Witnessing included as part of bid. (Yes/No) |  |
| Payment conditions. |  |
| Delivery Term. (CIF preferred) |  |
| Price review period after award of tender. (months) |  |
| Cables country of manufacture. |  |
| Origin of materials for cable manufacturing. |  |
| Bidders company profile outlining financial, technical and production capabilities. |  |
| Detailed reference list of customers already using equipment offered during the last 5 years with particular emphasis on units of similar design and rating. |  |
| Quality management system used in the production of cables, attached certificate. |  |
| Health, Safety and Environmental plans. |  |
| Detailed receiving, handling and storage details. |  |
| Minimum warranty period from time of acceptance of cables. |  |
| Sample inspection and test plan. |  |
| Typical installation manual for cables. |  |
| Disposal method after service life. |  |
| Complete dimensional drawing including AutoCAD drawing. |  |
| List of Type test certificates provided. (As per Clause 7.2 & 7.3) |  |
| Sample routine test certificates. |  |

**Name of Tenderer:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Signature of Tenderer**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_