

**COCHIN PORT TRUST  
BILL OF QUANTITIES**

**TENDER NO:F2/T-4/LPS-RT/2020-M Dt:15/05/2020**

**Name of Work : "Providing Lightning Protection System at Various Buildings of CoPT".**

| Sl.No        | Sub- heads and items of work  | Approximate Quantity | Unit | Departmental rates (Rs) in figures |          |           | Departmental Amount (Rs) in Figures |
|--------------|---|----------------------|------|------------------------------------|----------|-----------|-------------------------------------|
|              |   |                      |      | Supply                             | Erection | Total     |                                     |
| 1            | Supply, Installation, Testing and Commissioning (SITC) of ESE (Early Streamer Emission) Type Lightning Rod with copper / SS body having a coverage radius of 79 Mtrs mounting on a height of 5 mtrs <b>MAKE: LPI/NIMBUS/CIPROTEC &amp; CROMPTON GREAVES / ABB</b> | 5                    | set  | 99200.00                           | 5900.00  | 105100.00 | 525500.00                           |
| 2            | SITC of test link box (Adaptor Head Master)   | 5                    | NO   | 4300.00                            | 850.00   | 5150.00   | 25750.00                            |
| 3            | SITC of Accessories Mast, Anchor set for mast fixing and cable clamping sockets   | 5                    | NO   | 16650.00                           | 2600.00  | 19250.00  | 96250.00                            |
| 4            | Supply running, fixing, clamping of 70 Sq mm insulated flexible copper conductor cable along with fixing arrangements such as clamps, bolts, nuts, spacers, pipes etc for drawing along the wall / ground/ pipe from lightning arrestor to earth station.         | 450                  | M    | 579.67                             | 125.00   | 704.67    | 317100.00                           |
| 5            | Supply, installation, testing and commissioning of lightning stroke recorder of 6 digit digital display IP 65 enclosure and operate without depending on batteries or any other external source as per IEC  | 5                    | NO   | 19826.67                           | 0.00     | 19826.67  | 99133.33                            |
| 6            | Supply and providing of maintenance free chemical earthing made up of GI 3" dia and 3 mtr long with 2 x 25 Kg bag of special back fill compound.  | 10                   | set  | 19400.00                           | 0.00     | 19400.00  | 194000.00                           |
| <b>Total</b> |   |                      |      |                                    |          |           | <b>1257733.33</b>                   |

**BIDDER'S QUOTING AREA**

|  | Departmental Estimated Cost | Percentage Quoted above / below the Departmental Amount |          | Above/ Below | Bidder's Quoted Amount (Rs.) | Bidder's Quoted Amount (Rs.) in Words |
|--|-----------------------------|---|----------|--------------|------------------------------|---------------------------------------|
|  |                             | *In Figures   | In Words |              |                              |                                       |
| Percentage quoted above/ below the departmental amount shown in the above schedule. [Note : (1)The tenderer shall quote either plus or minus sign (eg: +5 or -5) in figures only (2) Only two decimal digits shall be accepted (3) Contents under columns 'In words' and 'Quoted Amount' appear automatically] | 1257733.33                  | 0.00  | 0.00     | Nil          | 1257733.33                   |                                       |

" This is an Electronic Submission No Need of Signature"