



Circular No. 01/TSPCB/CSoftware/2019

Dt.23.09.2019

Sub: TSPCB – Establishment of "Enviro-care Centre" with common software for centralized data collection from online stack, ambient air quality monitoring systems and online water quality monitoring stations in the state-
Furnishing of API document so as to get connection with TSPCB server-
Clarification on revised connectivity charges-Reg.

Ref: 1. Circular No. 972/TSPCB/CSoftware/2017 dt.25.03.2017.
2. TSPCB Lr. No. 972/TSPCB/LAB/CSoftware/2015-59, dt. 31.03.2016.
3. TSPCB Lr. No. 972/TSPCB/LAB/CSoftware/2015-440, dt. 13.05.2016.

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The TSPCB vide letters dt. 13.05.2016 & 31.03.2016 has communicated guidelines for connecting the data from online stack monitoring, ambient air quality monitoring and online waste water quality monitoring equipments installed by the industries to the common software and server facility of TSPCB (Envirocare Centre). It was clarified that the industries are at liberty to engage any competent vendor of their choice for procuring required software, hardware (modem) and the accessories for communicating the data to TSPCB server. API document with relevant software code is already available free of cost on TSPCB website.

Further, it is observed that the industries after providing required hardware and software, they have to connect the data through API available in the website. It was also required that the service provider of M/s. Ascent Intellimation Pvt. Ltd, Pune, Maharashtra has to carry out required audit of the analyzers information, configuration, testing and go-live activities to complete the connectivity of monitoring stations data to TSPCB server. Previously, M/s. Telangana State Technology Services (TSTS) has undertaken a visit to the industries and suggested charges for connectivity of the data to central server in different prevailing scenarios. Based on the TSTS study, the connectivity charges payable to M/s. Ascent Intellimation Pvt. Ltd. Pune, Maharashtra and technical specifications for modem are specified in the previous circular dated 25.03.2017.

The TSPCB has re-entered into agreement with M/s. AIPL for a period of 03 years from 01.08.2019. Based on the re-agreement, the connectivity charges have been revised keeping technical specifications constant as previous which are as follows:

Activity/Deliverable	Changes payable (one time)
Scenario I- Connectivity to Central Server using Enviro Connect software at client side	
System connectivity using internet & Client side application for 1-5 devices# 1. Installation of Enviro Connect software and establishing connectivity with Central Server. 2. Configuration 3. Testing & Go-live	Rs. 12,000/- onetime Cost for initial configuration up to 5 devices# Cost of internet connectivity is by the industry
# Above 5 devices, the cost towards establishing connectivity increases by Rs. 12,000/- for any large industry using open APIs.	
Scenario II- Connectivity to Central Server using GSM/GPRS/LAN Modem	

with integrated data logger	
A) Installation of GSM/GPRS Modem with regular firmware by the industry	Technical specifications of Modem required for connection: 1. SD card interface (data storage shall be minimum 15 days) 2. USB port 3. LAN interface 4. Built-in GSM modem for GPRS communication 5. Built-in GPS server 6. 4Line information display 7. 1RS485 Port 8. CAN/MODBUS interface 9. SDI12intercae with switchable sensor power-internal rechargeable battery with auto restart & reboot 10.20 channels analog inputs 11.16 channels digital inputs 12.Firmware upgrades using USB drive
B) Configure the industry procured MODEM to Central Server	Rs. 12,000/- Onetime cost for configuration.
Scenario III- Integrating through Open APIs with third party Analyzer Software of industry	
System connectivity using Internet & Client side application for 1-5 stacks# 1. Configuration 2. Testing & Go-live	Rs. 12,000/- Onetime cost for configuration. Cost of internet connectivity is by the industry
# Above 5 stacks, the cost towards establishing connectivity increases by Rs. 2,500/- for any large industry.	
Maintenance visit per industry for the all above scenarios on call basis.	Rs. 2,500/- per day

The revised connectivity charges are applicable to the industry, which have not paid connecting charges so far.

After payment of connectivity charges to services provider i.e., M/s. Ascent Intellimation Pvt. Ltd. Pune, Maharashtra (swapnil.ghaisas@aiplindia.com), the service provider shall complete the connectivity within 1-2 days.

For Scenario II, the industrial unit concerned is free to choose any Modem of their choice which has the features as specified.

All the industries are directed to connect the monitoring data of the industry to the TSPCB server within 30 days.

**Sd/-
MEMBER SECRETARY**

To,
 17 categories of highly polluting industries,
 CETPs and Common HW & BMW incinerators.

///T.C.F.B.O///

SENIOR ENVIRONMENTAL ENGINEER