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080-25581383, 25589112
080-25589113, 25589114

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ
Karnataka State Pollution Control Board

“ಪರಿಸರ ಭವನ”, 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ ರಾಜ್ಯ, ಭಾರತ
“Parisara Bhavan”, 1st to 5th Floor, # 49, Church Street, Bangalore - 560 001, Karnataka State, India

NO.KSPCB/KSPCB/SEO-INFRA/DGSET-RETROFIT/2021-22/ 4484 Date:

13 JAN 2021

**Notification Seeking Expression of Interest (EOI) for Short listing of suppliers
of Retrofit Equipment suppliers for DG Sets of 125 KVA & Above.**

As per the Honorable NGT Directions in OA 681/2018, there is a need to have Retrofitting for the DG Sets to bring down the emissions. Hence the Karnataka State Pollution Control Board hereby invites the EOI from the manufacturers/suppliers of the Retrofit Equipment's for the DG Sets of 125 KVA and above. The retrofitting shall be able to reduce the emissions of CO₂, CO, SO_x, PM simultaneously. All relevant patents, technical specifications and credentials shall also be furnished. The EOI shall be mailed to ms@kspcb.gov.in and infra@kspcb.gov.in within 15 days from the date of this notification that is on or before 30.01.2021. The participants list will be shortlisted and will be sent to any of the reputed Institutes for validation. The supply of equipment's for validation, manpower, stay, travel or any other expenses at the place of the validation process shall be borne by the participant only. The details and tentative specifications are available in the KSPCB website www.kspcb.gov.in. This is only an initiative from the KSPCB in the public interest and KSPCB do not intend to buy any of these equipment's/retrofitting's. The approved suppliers list is only empaneled to make it available to the end users/DG Set owners. Any other new technology/vendor who ever approaches beyond the due date will also be considered to give opportunity to evolving technologies and to get a efficient and economical product. The KSPCB may at any time without prior notice may drop the project also and the participants cannot claim any refund.

(**Note:** If there is a retrofitting available/developed for the reduction in vehicular emissions, it can also be furnished).

The Broad specifications of the Equipment's are show below for indicative purpose:

1. The retrofitting shall lower Diesel Consumption by a Minimum of 15% to 25%.
2. The retrofitting shall reduce the emissions by a minimum 20% for the parameters of CO, HC, H₂S, SO_x, CO₂ and PM as per Mass Emission Test.
3. The retrofitting shall Pass vibration test as per JISD1601 method.
4. The retrofitting shall Pass Environmental temperature test for its functionality from 5°C to 40°C.
5. The retrofitting shall Pass Radiated Emission Test, Radiated Immunity, conducted transient emission, Conducted Immunity as per AIS 004 – Part 3: 2009.
6. The retrofitting shall Pass Short Circuit Protection test – as per ISO 16750–2/2012(E).
7. The retrofitting shall Pass Over Voltage Test as per JASO D 001: 94.

Along with the manufacturers, suppliers, research companies, startups, traders can also participate.

Sd/-
Member Secretary
(ms@kspcb.gov.in)

Copy to:

1. Chief Financial Officer for information.
2. Chief Administrative Officer for information.
- ~~3.~~ E governance cell for publishing in KSPCB website.
4. Public Relations Officer for information and to publish in leading Kannada and English Newspapers.
5. Spare copy.


Syed Khaja Mohiddin
Senior Environmental Officer

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Karnataka State Pollution Control Board

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NO.KSPCB/KSPCB/SEO-INFRA/DGSET-RETROFIT/2021-22/ 4483 Date: 13 JAN 2021

**Notification Seeking Expression of Interest (EOI) for Short listing of suppliers
of Retrofit Equipment suppliers for DG Sets of 125 KVA & Above.**

(Paper Notification)

The Karnataka State Pollution Control Board hereby invites the EOI from the manufactures/suppliers of the Retrofit Equipment's for the DG Sets of 125 KVA and above to reduce the emissions of CO₂, CO, SO_x, PM to shortlist the suppliers along with the all relevant patents, technical specifications, pricelist and credentials to ms@kspcb.gov.in and infra@kspcb.gov.in within 15 days from the date of this notification. The suppliers whose products have technical and economical feasibility will be shortlisted by a reputed Institutes. The details will be uploaded in the KSPCB website. The DG sets owners can directly procure the Retrofit Equipment's from the shortlisted vendors.

Sd/-

Member Secretary
ms@kspcb.gov.in

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