



PUNJAB POLLUTION CONTROL BOARD

Vatavaran Bhawan, Nabha Road, Patiala

No.:.....8.....

Dated:..8/1/2020

OFFICE ORDER

Sub: Challenge fund for development and implementation of digital aggregators of hiring agriculture equipment in Punjab.

As you are aware that pollution caused due to burning of the crop residue has emerged as a major challenge in the recent times. The impact of the crop residue burning is not only felt in the local surrounding but has interstate ramifications. The matter has also drawn the attention of the different statutory bodies as well as Hon'ble Supreme Court of India, New Delhi, Punjab & Haryana High Court, Chandigarh.

An action plan has been prepared by Deptt. of Science, Technology & Environment, Govt. of Punjab for control of burning of crop residue in the State of Punjab, delineating the role of different stakeholder departments for ensuring Governance mechanisms at different levels so as to control the stubble burning.

Deptt. of Agriculture & Farmers Welfare has distributed crop residue management equipment / machinery to the farmers of the State under the Govt. of India scheme. The usages of such equipment / machinery by the small and marginal farmers on hiring basis from custom hiring centres is posing a challenge due to non-availability of digital platform for optimize use of such machinery.

Govt. of Punjab feels it necessary to incentivise for development and implementation of digital aggregators for hiring agricultural equipment in Punjab so as to effectively provide the services of such equipment to small and marginal farmers on hiring basis. A significant opportunity exists for such digital intervention aimed at accelerated in-situ management of paddy straw.

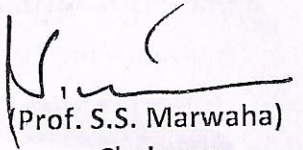
A challenge fund of Rs. 25.0 lakhs is hereby instituted by Punjab Pollution Control Board for development and implementation of digital aggregator with appropriate technology for providing a platform for hiring of agriculture equipment for the systematic management of crop residue. The proposed award is meant for development of a end to end platform from universal set of innovator represented by private / public agencies or individual for the one found most suitable.

Minimum requirements for digital aggregator:

1. It should be cloud-based equipment rental solution that caters to farmers across various locations.
2. It should cater to multivendor with multiple location with separate dashboard from which they can manage their orders, equipments.
3. It shall give vendors the flexibility to rent online. The equipments shall also be made available for rent on selected days.
4. It shall provide real-time inventory management system. Vendors can manage their inventory, respond in time to serve customers while ensuring accurate and prompt coordination of the equipment / machinery.
5. It shall have robust & intuitive content management system makes it super easy for rental marketplace owners to make necessary changes in their inventory, such as adding/removing equipment, update equipment descriptions.
6. It should include inventory management, crew and transport scheduling, quoting and invoicing.
7. It shall be an online rental marketplace platform that works seamlessly on all screen sizes, orientation & platform. The responsive layout of the system is built and shall help marketplace owners generate more rentals across all desktop & mobile devices.
8. The digital aggregator shall be supported by robust MIS.

Guidelines for submission and evaluation of proposal:

1. The challenge shall be open to individuals / institutions / groups / firms.
2. Proposals are to be submitted to the Chairman, Punjab Pollution Control Board by 31.01.2020.
3. The application for participation in the challenge shall be accompanied by Rs. 1.0 lakh per entry.
4. The proposal with detailed protocol of the technology to be used for development shall be submitted to Punjab Pollution Control Board to facilitate independent evaluation.
5. A proto type of the proposal by the applicant shall be submitted alongwith the proposal for evaluation.
6. The applications received for the challenge shall be evaluated by an Expert Committee to be constituted by the Punjab Pollution Control Board.
7. The decision of the Punjab Pollution Control Board shall be final. PPCB reserves the right to change the requirements or withdraw the challenge.


(Prof. S.S. Marwaha)
Chairman

Endst. No.....

Dated.....

A copy of the above is forwarded to the Principal Secretary to Govt. of Punjab, Deptt. of Industries & Commerce, Chandigarh for information please.

Endst. No. 732-68

sd/-
Member Secretary

Dated. 8/1/2020

A copy of the above is forwarded to the following for information and necessary action:

1. The Chief Environmental Engineer, Punjab Pollution Control Board, Patiala / Ludhiana / Jalandhar / Bathinda / HQ.
2. The Senior Environmental Engineer, Punjab Pollution Control Board, Zonal Office- Patiala-I/II, Ludhiana-I/II, Jalandhar, Amritsar and Bathinda / HQ-1/2.
3. The Senior Scientific Officer, Punjab Pollution Control Board, Patiala.
4. The Environmental Engineer, Punjab Pollution Control Board, Patiala / Ludhiana- I/II/III/IV/ Jalandhar/ Sri Amritsar / Hoshiarpur / Sangrur / Bathinda / Faridkot / SAS Nagar / Batala / Sri Fatehgarh Sahib / EPA.
5. The Environmental Engineer (Computer), Punjab Pollution Control Board, Patiala to upload this office order on the website of the Board.
6. The Senior Law Officer / Administrative Officer / Deputy Controller (F&A) / Scientific Officer (Air Lab) Punjab Pollution Control Board, Head Office, Patiala.
7. P.S to Chairman / P.A to Member Secretary, Punjab Pollution Control Board, Patiala.

Kealy
6/1/20
Member Secretary