## MAHARASHTRA POLLUTION CONTROL BOARD

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Kaipataru Point, 2nd , 3rd & 4th floor, Opp. Cineplanet, Near Sion Circle, Sion (E). Mumbai - 400 022.

Date: 22/2/2013

To, 1) Prof. Virendra Sethi, Indian Institute of Technology Powai, Mumbai - 400 076

2) Dr. Rakesh Kumar, Chief Scientist and Head 89-B, Dr. Annie Besant Road, Near worli Flyover, Worli Mumbai 400 018

> Sub: Work order for a project on "Emission inventory and air quality model development for industrial city centers in Maharashtra: Framework for air quality management with resources to science based policy and action plan for Chandrapur area")

Ref: 1) Your proposal dated 06.08.2012

2) MPCB approval on 06.02.2013 (O.N. No 120503FT0474)

Apropos to above subject and proposal received vide reference 1, jointly from IIT Mumbai and NEERI, M.P.C.Board is pleased consider the proposal for carring out "Emission inventory and air quality model development for industrial city centers in Maharashtra: Framework for air quality management with resources to science based policy and action plan for Chandrapur area". The total project cost of Rs 32 lakhs (Rs Thirty two lakhs) - Taxes extra as applicable, is acceptable to M.P.C.Board with following terms and conditions:-

- Detail scope of work is enclosed as Annexure -I
- 2. Duration of the project : 2 years
- 3. Cost of the study: Rs 32 lakhs (Rs Thirty two lakhs) + Taxes extra as

- 4. Payment Schedule : Payment shall be released in two stages
  - a. An advance of 70 % of the estimated cost shall be released with the work order.
  - b. Remaining 30 % shall be released at the start of second year and the submission of utilization certificate of 70% amount released earlier.
- 5. Other terms and conditions :
  - i. IIT Mumbai and NEERI shall work jointly along-with M.P.C. Board on multiple aspect of project.
  - ii. IIT Mumbai shall undertake satellite mapping and modeling.
  - iii. All activities of the project shall be executed under the over-
  - Development of emission inventory and air quality modeling system shall be completed within 12 months from the date of issue of letter.
  - v. Develop a community of experts with resources to its actual working frameworks within next 6 months.
  - vi. Continually strengthen the programme for whole state in next 6months.
  - vii. You shall submit the interim report of the study carried out of the Chandrapur area within 9 months followed by final report after completion of the work in five hard copies and a soft copy.
  - viii. Apart from, above quarterly progress about implementation of the project shall be given to MPCB in the form of power point presentation.

You are requested to submit an acceptance letter within seven days from the receipt of this order. The project commencement time will be counted just after receipt of your acceptance letter.

Encl: Scope of project work

(Rajeev Kumar Mital, IAS) Member Sacretary Accepted and second copy of the financial assistance letter is returned duly singed in confirmation of the acceptance of all the terms and conditions about financial assistance offered by M.P.C.Board Mumbai.

Date :

FOR IIT (B) Mumbai Powai,Mumbai

FOR NEERI Mumbai

Copy submitted to: Hon'ble Chairman, M.P.C.Board, Mumbai

Copy to: The Chief Accounts officer for information and necessary action as per terms and conditions agreed upon: You are directed to issue DD of Rs 22.40 lakhs (Rs Twenty two lakhs forty thousand only) as a 70 % advance in favour of Registrar, IIT Bombay, Mumbai.

Copy to: JD APC/ RO Chandrapur / SRO Chandrapur ~ for information and necessary action.