



**CHANDIGARH SMART CITY LIMITED**

**INVITATION FOR EXPRESSION OF INTEREST (EOI) FOR SETTING UP A PLANT FOR CONVERSION OF POST-CONSUMER MIXED WASTE PLASTICS FROM MUNICIPAL SOLID WASTE INTO FUEL / HYDROCARBONS DERIVATIVES OF CAPACITY 10 TPD ON PPP MODE**

Chandigarh Smart City Limited (CSCL) is planning to set up a 10 Tonnes Per Day (TPD) for conversion of post-consumer mixed waste plastics from Municipal Solid Waste into fuel / Hydrocarbons derivatives by using an Innovative Environment Friendly, Clean Technology (with Zero Pollution) on PPP mode on suitable land at existing dumping ground at Village Daddumajra, Chandigarh.

The details with regard to the project can be downloaded from the website [www.mcchandigarh.gov.in](http://www.mcchandigarh.gov.in).

The interested experienced entities may send their detailed proposals alongwith approach & methodology both in soft and hard copies duly signed at below mentioned address on or before 25<sup>th</sup> September, 2018 by 5:00 PM.

CSCL reserves the right to annul the Eoi process at any time without assigning any reason thereof.

**The Chief Executive Officer, CSCL**

2<sup>nd</sup> Floor, New Bridge Building 2, Near TDI Mall,  
Sector -17A, Chandigarh-160017, Email- [smartcity.chd@nic.in](mailto:smartcity.chd@nic.in)

# INVITATION FOR EXPRESSION OF INTEREST (EOI) FOR SETTING UP A PLANT FOR CONVERSION OF POST-CONSUMER MIXED WASTE PLASTICS FROM MUNICIPAL SOLID WASTE INTO FUEL / HYDROCARBONS DERIVATIVES OF CAPACITY 10 TPD ON PPP MODE

## 1 PRESENT STATUS

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Currently, the city Chandigarh produces 450 metric tonnes of garbage each day and as per the survey of Central Pollution Control Board (CPCB), only 3.1 percent of Chandigarh's Municipal Solid Waste is plastic. To control the menace of Plastic Littering the city beautiful, there is a need to set up Plant for conversion of Post-Consumer Mixed Waste Plastics from Municipal Solid Waste into fuel/Hydrocarbon Derivatives of Capacity 10 TPD on PPP mode.

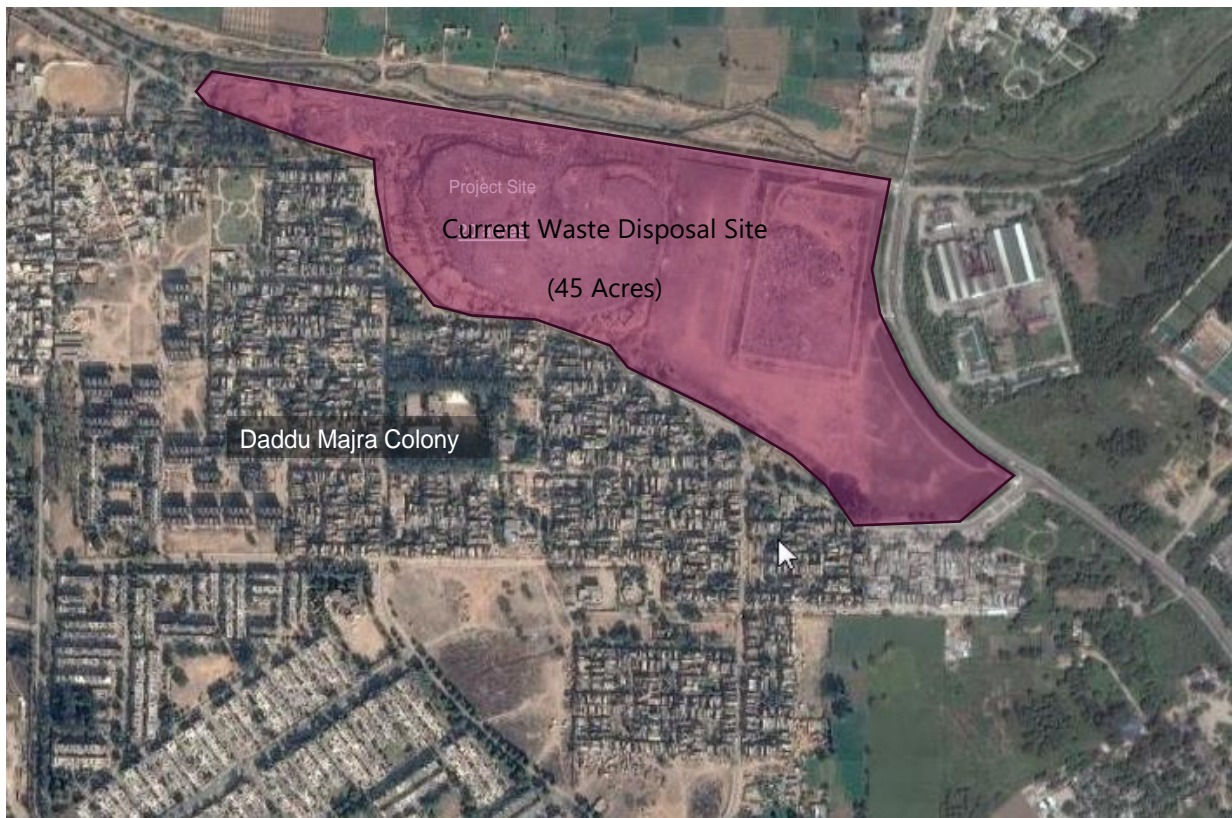
Here "Post-Consumer mixed waste plastic" means the plastic which is non-recyclable i.e. which cannot be recycled.

## 2 SITE LOCATION AND AREA

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The site is located in village Daddu Majra which is in the south west quarters of Chandigarh, close to Sector 25 and Sector 38. It is bound by Dakshin Marg on the east, Maloya Colony Road on the north and Daddu Majara Colony on the west and south. Across the Maloya Colony Road a small seasonal stream 'Patiala Ki Rao' flows along the northern side of the site. Waste from the city is brought to the site through the Dakshin Marg.

Total area of the land of waste disposal site under the possession of Municipal Corporation of Chandigarh is about 45 acres and around 2 Acres land out of it will be used for plant for the



captioned project.

### 3 OBJECTIVES

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- To set up a plant for conversion of post-consumer mixed waste plastics from Municipal Solid Waste into fuel / Hydrocarbons derivatives of Capacity 10 TPD by using an innovative Patented Environmentally Clean Technology (with Zero Pollution) on PPP mode.
- To address the major environmental issue of waste plastics (non-biogradable).
- To address the future increase in the post-consumer waste plastics which is anticipated.

### 4 DELIVERABLES

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Interested legal entities i.e. Company, Consortium/Joint Venture, Partnership Firms, Limited Liability Partnership etc. are invited to submit their Expression of Interest as per the following:

- i. Covering letter on the Applicant's letterhead.
- ii. Contact information of the Applicant with Email Address, Phone Number, Postal Address of the head office and all branch offices along with name of the authorized representative.
- iii. Organization profile including details of incorporation, strength, and constitution.
- iv. Names and designation of the heads of the organization and institutional structure along with Audited Financial statements for the last three financial years.
- v. Details for the Relevant Experience including Client, Location, Technology Used, Capital and Operational Expenditure
  - a. The similar completed projects
  - b. The Similar ongoing projects

### 5 IMPLEMENTATION & METHODOLOGY

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A brief description of various methods/ technologies available for converting post-consumer mixed waste plastics from Municipal Solid Waste into fuel / Hydrocarbons derivatives in conformity with various Government guidelines/rules. The proposal should have appropriate solution for post-consumer mixed waste plastics from Municipal Solid Waste into fuel / Hydrocarbons derivatives at project site along with tentative cost.

Based on the detailed proposals to set up project, the entities shall be invited to make a presentation on their detailed proposals to CSCL in its office at Chandigarh on the date and time to be notified later.

**The Chief Executive Officer,**  
Chandigarh Smart City Limited  
2<sup>nd</sup> Floor, New Bridge Building 2,  
Near TDI Mall, Sector -17A,  
Chandigarh-160017,  
Email- [smartcity.chd@nic.in](mailto:smartcity.chd@nic.in)