



# K M Trans Logistics Headquarter Building Jaipur, Rajasthan



|                                  |                                       |
|----------------------------------|---------------------------------------|
| <b>Location</b>                  | : Jaipur, Rajasthan                   |
| <b>Site Area</b>                 | : 2,513 sqm.                          |
| <b>Built up Area</b>             | : 1,650.92 sqm.                       |
| <b>Typology</b>                  | : Office building                     |
| <b>Rating Category</b>           | : SVA GRIHA Final Rating              |
| <b>Version</b>                   | : Version 2.2                         |
| <b>Year of Award</b>             | : 2023                                |
| <b>Client</b>                    | : K M Trans Logistics Private Limited |
| <b>Integrated Design Team</b>    | : Mr. Atishay Jain, AJ Studios        |
| <b>Green Building Consultant</b> | : Eco Energy Expert Services LLP      |

The following strategies were adopted by the project team to reduce the building impact on the environment:

### Sustainable Site Planning:

- 150 new native trees have been planted on site.
- Buffer zones such as storage rooms and service areas like toilets, staircases, etc. are located along critical orientations like west and east directions.

### Energy:

- 91.73% of the total living area is day-lit.
- LPD of the project is 4.40 W/m<sup>2</sup>, which is lower than the ECBC specified limit of 10.80 W/m<sup>2</sup> for office buildings.
- BEE 5-star rated air conditioners and fans have been installed.
- Solar photovoltaic system of capacity 25 kWp has been installed.

### Water Management:

- Reduction of 51.97% from the SVA GRIHA base case has been demonstrated in building water demand by installing low-flow plumbing fixtures.
- Reduction of 32.74% from the SVA GRIHA base case has been demonstrated in landscape water demand by using native trees.
- Rainwater storage tank of capacity 24 kL has been constructed on site.

### Sustainable Building Materials:

- 100% of interior paints used in the project are low VOC and lead - free.

### Lifestyle:

- Most of the basic amenities such as grocery store, ATM, pharmacy, restaurant, community centre and park are in close proximity to the site.
- Environmental awareness signage's and sustainability features of the project have been displayed at various locations.
- Electric charging point has been provided to encourage the use of electric vehicles and reduce carbon emission.
- Dedicated resting spaces and toilets were provided for the service staff people.
- Vehicular scraps have been used for the interior décor in the project.