

Justification and Detailed note of the Project

GHMC is scientifically treating and disposing about 5800 MT Municipal Solid Waste generated in the city at Integrated Municipal Solid Waste Management (IMSW) plant located at Jawahar Nagar. IMSW plant Jawaharnagar is situated over an extent of about 369 Acres at North East corner of the city that is operational since 2012. As such the working load on IMSW facility is beyond the stipulated share of 1/4th of MSW generated in the city as per the original DPR. It was proposed to develop T&D facility at the rate of one each at each corner of the city.

The Hon'ble National Green Tribunal, New Delhi has issued directions in O.A.No.780/2017, dt.17-12-2017 to the Government of Telangana to identify land fill sites in the state within three months of order and ensure that Solid Waste is disposed in such sites strictly according to the Solid Waste Management Rules, 2016.

In this process, GHMC has acquired land to an extent of 152 Ac area located at Payaranagar (V), Gummadidala (M) from Revenue Department for the purpose of establishing MSW treatment and disposal facility from Revenue department, but the land is not having proper approach road.

Therefore, to avoid the plying the vehicle carrying MSW from the surrounding village roads and to have a direct approach to the said site from the nearest main road i.e. State Highways SH6, GHMC was finalized the approach road alignment through forest land after the joint inspected by the GHMC and Revenue department officials along with the Concessionaire for the proposed MSW Plant and the details of forest land required is as follows:

Division Name	Block Name	Component	Length in Mts	Width in Mts	Area (in Ha)
Sangareddy	Jinnaram	Laying of approach road	510.492	12.20	0.6228

The proposed road will provide access to the processing and disposal facility of Municipal Solid waste (MSW) as per Solid waste Management Rules 2016. The MSW generated near to this site from GHMC area will be diverted to the proposed facility. It is estimated that around 1500 tones will be processed at this facility. Currently all the quantity

of MSW generated in Hyderabad city is being sent to the processing and disposal facility at Jawahar Nagar, KapraMandal, Medchal-Malkajgiri district. This facility will reduce the burden on the current facility and fulfill the NGT order partially.

Further, by establishing the said facility in the available Govt land, there will be a savings of around Rs. 6.50 lakh in transportation cost to GHMC and around Rs. 330.00 Cr when projected for the life of the proposed facility, to that extent of MSW transported to Jawaharnagar. Further, there will be a reduction in carbon emission into the atmosphere to the extent of reduction in travel distance of Transport Vehicles.



Executive Engineer
Solid Waste Management
GHMC



Superintending Engineer
Solid Waste Management
GHMC



Commissioner,
GHMC