

# **Scope of Work**

## **PREPARATION DETAILED PROJECT REPORT ON SOLID WASTE MANAGEMENT OF PACHMARHI TOWN**

### **ABOUT PACHMARHI**

Pachmarhi is the most beautiful hill station in Madhya Pradesh, India. Pachmarhi is a combination of belief, past history and nature. It is also known for the Pachmarhi Cantonment. It is situated at a height of 1000 meters in the Satpura Range. The town is not very large, and most of its area is under the administration of the Pachmarhi Cantonment Board, serving the Indian Army. The civilian portion of the town is small, and lies towards the tip of a lake. It has some hotels and a movie hall. A bazaar runs through the small town. An club and golf course exist, for the usage of military personnel. The town has an area of about 1314.7 hectares. It can be subdivided into Cantonment area 758 hectares & Civil area of 556.7 hectares. Major portion of the population lives in area under the control of Cantonment Board. Small part of the population is inhabits the SADA area. Restricted defense area of Pachmarhi is also a part of the town. This Saucer shaped valley was discovered by Captain James Forsyth of the British Army in 1857, and built a sanatorium for British troops in the Central Provinces of India. The reserve forest around the town Pachmarhi is home to many rare varieties of "Flora and Fauna". UNESCO declared Pachmarhi park as Biosphere Reserves in May 2009.

### **TOURIST PLACES**

Some of the places of tourist attractions here are: Apsara Vihar, Bee Fall Chauragarh, Dhoopgarh, Gupt Mahadev, Handi Kho, Irene Pool, Jatasankar, Lanjee Giri, Pandava Caves, Priyadarshini Point & Rajat Prapat etc.

## POPULATION

As per 2001 census the population of Pachmarhi is about 14500. It has undergone changes in population status and since 1961 it is showing an increasing trend.

### Pachmarhi Population

Year	Cantonment area	SADA Area	Pachmarhi UA
1941	6200	500	6700
1951	4900	340	5240
1961	5490	660	6150
1971	8010	1210	9220
1981	9540	1540	11080
1991	10080	2410	12490
2001	11374	3000	14374
2011	16300	4000	20300

\*Census of India –2011 projected

## FLOATING POPULATION

Pachmarhi is the summer capital of Madhya Pradesh, it is a popular tourist destination today, receives large number of tourists. During peak days, on an average 3000 tourists visit the place. Apart from this, on the occasions of religious fairs held on Nagpanchami and Mahashivratri nearly 3 to 5 lakhs pilgrims come to Pachmarhi. Study of past data indicates that the number of foreign tourist visiting Pachmarhi is negligible. Following table suggests month-wise number of tourists expected to arrive in Pachmarhi by the year 2011.

Month	Estimated No of Tourists	Average number of tourists per day
January	10555	681
February	14290	1021
March	15035	970
April	15940	1062
May	48750	3145
June	33945	2263
July	13375	863
August	10305	665
September	13260	884
October	32520	2098
November	22290	1486
December	34535	2228

Source: Master Plan of Pachmarhi, T&CP Department

## **SCOPE**

The scope of preparation detailed project report on Solid Waste Management Plan of Pachmarhi town is to analyze and understand the status of current waste management practices and suggest practical measures for efficient and effective management of solid waste in Pachmarhi. A comprehensive solid waste management plan involves storage, collection, transportation, segregation, waste characterization, processing, disposal and treatment. The Detailed Project Report (DPR) would consist of technical feasibility, preliminary design and cost estimation, financing plan for financial feasibility, cost benefit analysis, economic analysis, social impact, environmental analysis and ensure safe disposal and treatment of waste as per Municipal Waste Management and Handling Rules and CPHEEO norms. It will include operational cost projection and analysis, cost recovery analysis to meet the capital cost partially.