

## PRE-FEASIBILITY REPORT

### Project : Sand Quarry

#### 1. Executive summary :

- ✚ Additional Collector, Kolhapur intends to auction sand from identified sand ghat at Kolhapur district.
- ✚ Necessary prefeasibility to operate sands cooping has been granted by District authority of Kolhapur with proper physical survey after verifying the conditions stipulated by law MMEDR2013 & Policy of sand auction stipulated by Govt. of Maharashtra.
- ✚ Additional Collector, Kolhapur initiated proposal for environmental clearance in response to comply orders of Hon'ble supreme Court.
- ✚ Environmental clearance has to be granted by DEIAA-Kolhapur, MOEF as per the latest notifications.
- ✚ Applicant has already surveyed the sand ghat by GSDA for quantization of sand availability at ghat.
- ✚ There is a perpetual demand for sand in construction – road and building activities.
- ✚ Such locally available material is economical from logistics view point.
- ✚ Such quarries have been a source of livelihood for both skilled & unskilled labour.
- ✚ Auction of sand is one of the important source of revenue for the district. Also sand scooping is important to maintain river ecology.

## **Background information**

**1.0** Tahsildar identified the sand ghat as per availability of sand vs. demand in the area of Kolhapur

## **2.0 The project :**

### **2.1 Location :**

Sand Ghat is located at various talukas of Kolhapur

Area along river bed has been earmarked for sand scooping.

Only sand is being extracted for construction purposes.

### **2.2 Demand and supply :**

Demand for sand for construction purposes is perpetual. Indigenous / local material is always preferred by the contractors.

### **2.3 Project description :**

Project activities have been summarized as under:

Suction pump is using for sand excavation.

## **3.0 Economics :**

Processing cost is estimated to be about Rs. 800/- per brass. In addition, cost of transportation by tipper within mining lease depends on POL.

## **Marketing :**

Market rates for different products are as follows and are likely to fluctuate.

**Rs. 1500-2500 per Brass is the approximate rate for sand.**

#### **4.0 Environment:**

##### **4.1 Climate :**

Semi-arid;

Temperature

Summer : 36 – 42<sup>0</sup>C

Winter : 10 – 12<sup>0</sup>C

Average annual rainfall

1200 – 1500 mm

##### **4.2 Environment stability class**

Slightly unstable to neutral

Surface wind speed :

30 – 40 m/sec

##### **4.3 Emission sources :**

Most Emission sources will be fugitive viz., loading , Unloading, transportation.

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