

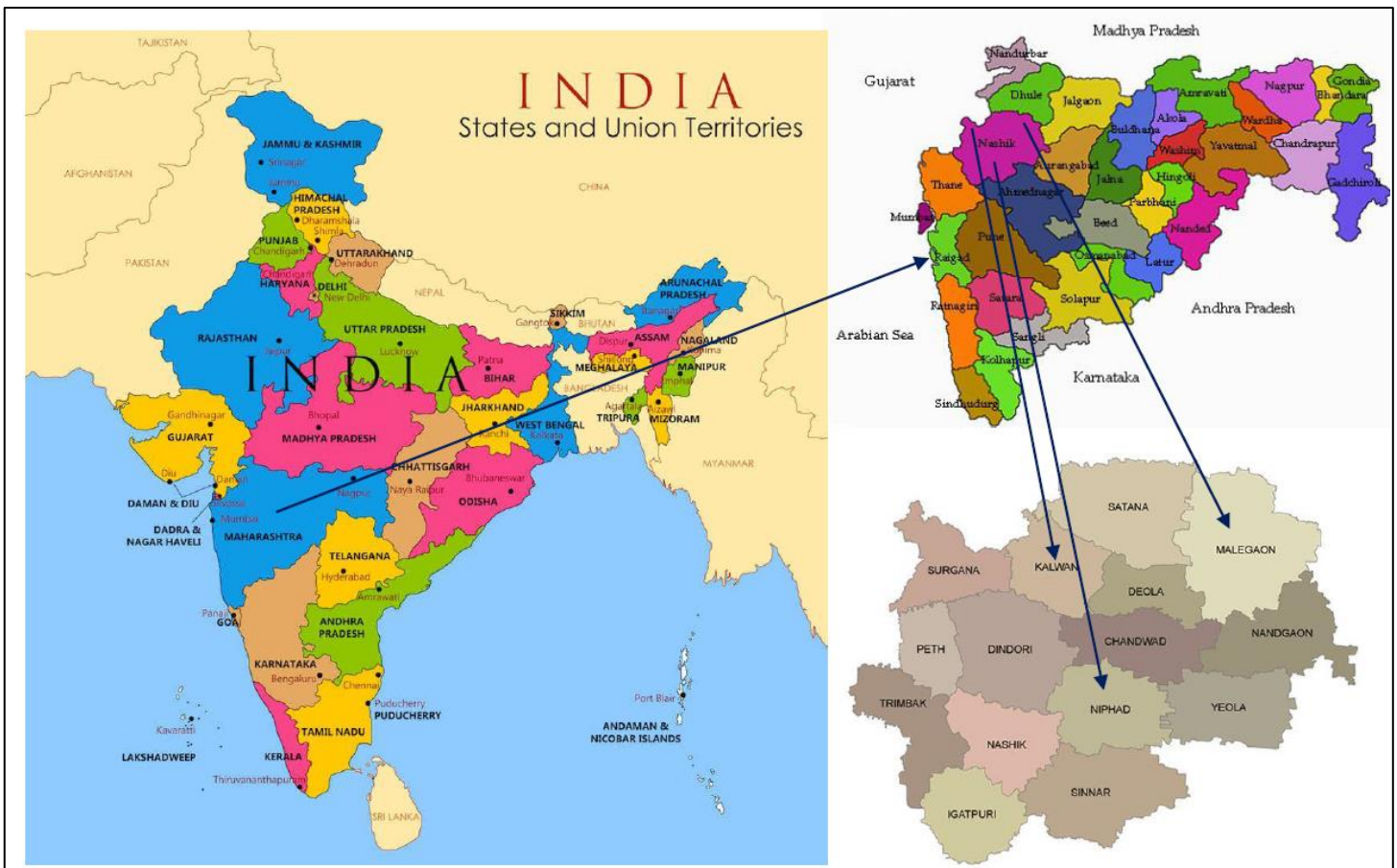
# Public Hearing for Seven District Level Sand Spots, Nashik District,

## EXECUTIVE SUMMARY

### 1. Introduction

- ❖ Environmental Clearance is sought for 7 Sand Spots located in Malegaon, Niphad, Kalwan Talukas in Nashik District.
- ❖ As Per Government of Maharashtra **Letter No: Sankirn- 2019/P.K.01/Ta.K.3** dated Dec 3, 2019, Public Hearing must be conducted for mines less than 5 Hectares.
- ❖ M/s. Rightsource Industrial Solutions Pvt. Ltd. was awarded work to obtain Environmental Clearances for Sand Spots of Nashik by Collector Office, Nashik. with **WO. No. Kaksh 15/1/Gaukhani/Kavi/1516/2020** dated 06/11/2020.
- ❖ Application in Form-1M, PFR, EMP, RA, DSR along with the Approved Mining Plans for Sand Spots will be submitted along with Public Hearing Proceedings for Environmental Clearance.

### 2. Location Map



## Public Hearing for Seven District Level Sand Spots, Nashik District,

### 3. List of Sand Spots

अ. क्र.	तालुका	नदीचे नाव	गावाचे नाव/ वाळु गटाचे नाव	गट नं.	क्षेत्र (हेक्टर)	परिमाण (मीटरमध्ये)				तांत्रिक समिती अहवाल	ग्रामसभा ठराव	तालुकास्तरीय समिती शिफारस	शासन निर्णयानुसार वाळुघाटाची हातची किंमत
						लांबी	रूंदी	खोली	परिमाण (ब्रास)				
1	मालेगांव	गिरणा	आघार बु.-2	509 ते 512	0.43	148	29	1	1517	योग्य	होकारार्थी	योग्य	2404190.34
2	मालेगांव	गिरणा	आघार बु.-1	ग. नं. 518 ते 559 लगत	1.37	473	29	1	4847	योग्य	होकारार्थी	योग्य	7683662.37
3	मालेगांव	गिरणा	पाटणे	ग. नं. 360 ते 363 लगत	1.01	183	55	1	3557	योग्य	होकारार्थी	योग्य	5637971.98
4	निफाड	गोदावरी	तामसवाडी	ग. नं. 495, 546 ते 548 लगत	1.58	450	70	0.5	5565	योग्य	होकारार्थी	योग्य	8822459.89
5	कळवण	असोली	गिरणा	ग. क्र. 80, 81, 82	1.44	720	20	0.3	1527	योग्य	होकारार्थी	योग्य	2419874.71
6	कळवण	पाळे खु.,	गिरणा	पाळे खु. ग. नं. 78 ते 80 पाळे बु. 364, 351, 352, 327	0.5	500	10	0.3	530	योग्य	होकारार्थी	योग्य	840234.27
7	कळवण	देसगांव	गिरणा	देसगांव. ग. नं. 53 ते 58 ति-हळ ग. नं. 139,130, 128, 127	1.04	520	20	0.3	1102	योग्य	होकारार्थी	योग्य	1747687.29
एकूण									18645				29556080.85

# Public Hearing for Seven District Level Sand Spots, Nashik District,

## 4. Mining Methodology

1. Method of Mining: Opencast manual method without drilling & blasting. Only manual labor with hand tools such as spade, ghamelas will be used. Excavation of sand is done from dry riverbed only.

The following process is followed for the estimation of sand in sand ghat:

- ❖ The demarcation and benchmarking of the sand ghat is done as per 10m x 10m interval.
  - ❖ Auger driller is used to find out the depth of sand in each grid.
  - ❖ Auger driller is used to create the holes in sand ghat using a 10mx10m grid pattern.
  - ❖ The depth of holes is measured by using measuring tape.
  - ❖ After taking all the readings the average depth of sand ghat of the river is calculated in meters.
2. Machinery / Equipment required: Spades, Ghamela, Tractor with trolley.
  3. Transportation: By tractor trolley from sand spot to stockyard & to consumers.
  4. Reclamation: Mined out area will be replenished automatically after the monsoon. Plantation will be carried out along the riverbank and along the transport road.

## 5. Environmental Management Plan

### 1. Air Pollution Control Measures

- ❖ Periodic water sprinkling on the kutcha road used for sand transport.
- ❖ Transport of sand by tractor trolleys, trucks covered with tarpaulin.
- ❖ Spillage of sand during transport shall be prevented by proper sealing of gaps.
- ❖ Plantation will be done along riverbanks and on free spaces near the sand spots.

### 2. Noise Control Measures

- ❖ Mining and sand transport will be carried out during the daytime only.
- ❖ Only noise due to sand transport is expected, periodic maintenance of sand transportation vehicles will be ensured to minimize noise.
- ❖ The speed of sand transport vehicles will be regulated.

### 3. Water Pollution Control Measures

- ❖ Sand mining will be carried out in dry riverbed only.
- ❖ The depth of the mine pit will be maintained above the river water level.
- ❖ River streams will not be diverted to form inactive channels.
- ❖ Washing of vehicles in the river will be prohibited.

## Public Hearing for Seven District Level Sand Spots, Nashik District,

- ❖ No effluent will be generated from mining activities.
- ❖ Provision of mobile toilets for workers.
- ❖ Mining will be avoided during monsoon and floods which will allow the sand deposit to replenish.

### 4. Land Environment

- ❖ Sand mining will create temporary pits in the dry riverbed, which will be replenished during monsoon.
- ❖ Safety distance of 3 meters or 1/10th of the width of the river, whichever is more will be left from both sides of the bank of the river (as per “Sustainable sand mining guidelines”).
- ❖ Waste material like polythene bags, jute bags, etc. will not be allowed to remain/spill in the riverbed.
- ❖ Mining will not exceed the allowed extraction capacity.
- ❖ Plantation will be developed along the riverbank and nearby free spaces.

### 5. Green Belt Development Plan

<b>Location of greenbelt</b>	On the banks of both sides of the lease boundary & Haul Road outside riverbed
<b>No. of plants to be planted</b>	500 Plants per hectare
<b>Spacing of plants</b>	2 m grid interval
<b>Species selected</b>	Native species

#### Tree species recommended for Plantation

<b>Botanical name</b>	<b>Local name</b>	<b>Importance</b>
Azadirachta Indica	Neem	Neem oil & neem products
Tectona Grandis	Teak	Antibacterial, Antifungal, Antiulcer
Ficus Religiosa	Peepal	Medicinal use, Fruits & figs
Bambusa Vulgaris	Bamboo	Anthelmintic Anti-inflammatory, Astringent Properties

## Public Hearing for Seven District Level Sand Spots, Nashik District,

Madhuca Longifolia	Mahua	Acts as a Stimulant & cough relief
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### 6. Occupational Health Safety Management

- ❖ Mine operators will be provided with personal protective equipment.
- ❖ Safety helmets and footwear, in addition to ear, eye, and hand protection devices.
- ❖ Dust masks will be provided for workers.
- ❖ A potable drinking water shelter for mine workers will be provided.
- ❖ First aid kit will be provided at the mine site.

### 7. Conclusion

- ❖ Applied 7 Sand Spots located in Malegaon, Niphad, Kalwan Talukas in Nashik District, Maharashtra having lease area of less than 5 Ha, fall under B2 category as per MoEF&CC guidelines.
- ❖ Quarries are not likely to cause a significant impact on the environment due to the small scale of mining and will prove beneficial to the nearby community.
- ❖ The proposed project would provide indirect employment opportunities to local residents.
- ❖ The proposed project will also make a positive contribution to the social infrastructure and overall development of the region.
- ❖ All environmental issues like air, water, noise, soil, solid waste management, etc. will be dealt with as per the MoEF&CC guidelines.