

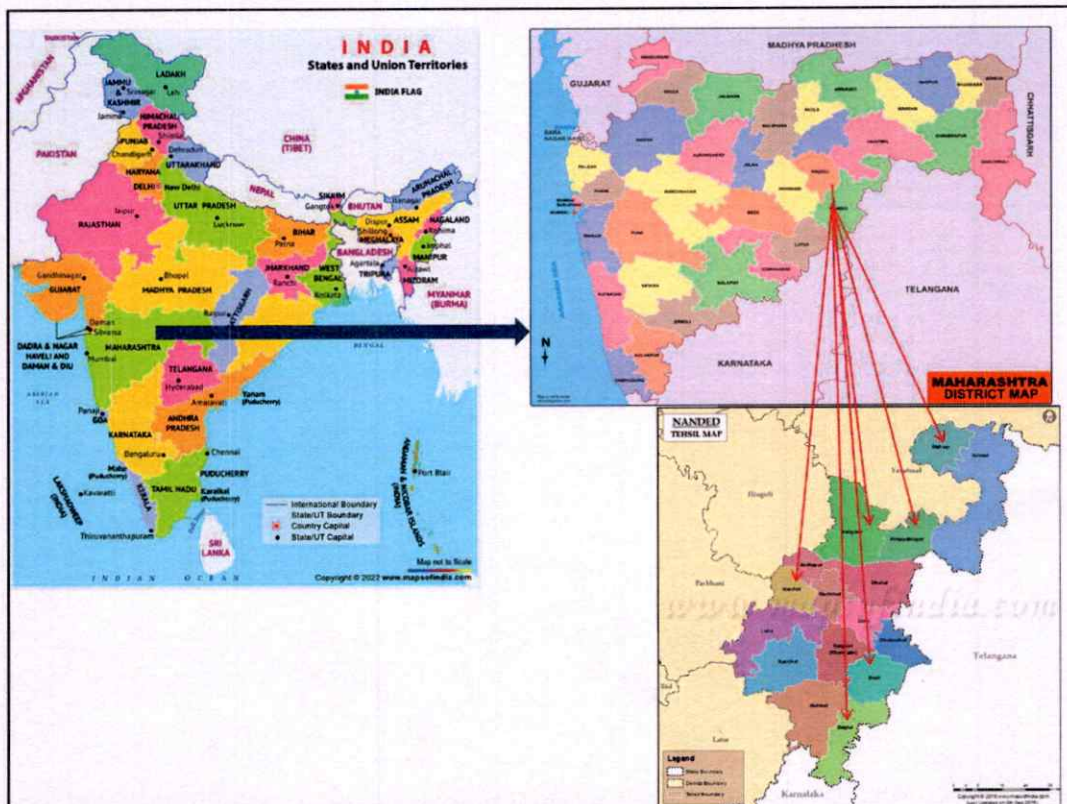
# Public Hearing for 32 District Level Sand Spots, Nanded District, Maharashtra

## EXECUTIVE SUMMARY

### 1. Introduction

- ❖ Environmental Clearance is sought for 32 Sand Spots located in Nanded, Himayatnagar, Hadgaon, Mahur, Degloor and Biloli Talukas in Nanded District, Maharashtra.
- ❖ 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 Nanded by Collector Office, Nanded With **WO. No.2022/Masaka2/Goukh/Te-1 /Pra. Kra. 37** dated **18/08/2022**.
- ❖ 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



Location Map



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**Annexure-I**

Sr. No.	Name of Sand Ghat	Name of Sand Ghat	Name of Taluka	Name of River	Nearest Survey No.	Length x Breadth x Approved depth in mtr.	Total Depth in m	Area in Ha.	Quantity of Sand Brass	Upset Price in Rs.
1	Jaitapur	Jaitapur	Nanded	Godavari	104, 105, 111, 114	260x40x0.50	2.50	1.04	1837	7599034
2	Kotitirth	Kotitirth	Nanded	Godavari	56, 58, 60, 71, 82, 94, 95, 96, 97, 98	260x40x0.50	2.50	1.04	1837	7746629
3	Kamari	Kamari	Himayatnagar	Painganga	181, 182, 183, 184	260x40x0.50	2.50	1.04	1837	8345443
4	Dighi	Dighi	Himayatnagar	Painganga	12, 13	150x80x0.50	2.50	1.20	2120	8046036
5	Gharapur	Gharapur	Himayatnagar	Painganga	72, 73, 76	180x60x0.50	2.50	1.08	1908	8940040
6	Dhanora (J.)	Dhanora (J.)	Himayatnagar	Painganga	74, 75, 76, 78	160x65x0.50	2.50	1.04	1837	35093874
7	Palasapur	Palasapur	Himayatnagar	Painganga	98, 99, 100, 101	200x70x0.50	2.50	1.40	2473	32960072
8	Sirpalli (J.)	Sirpalli (J.)	Himayatnagar	Painganga	131, 132, 134	200x60x0.50	2.50	1.20	2120	33639009
9	Gorlegaoon-2	Gorlegao	Hadgaon	Painganga	133, 134, 135, 136	400x25x0.50	2.50	1.00	1767	36607777
10	Belmandal	Belmandal	Hadgaon	Painganga	1, 5, 6, 6/1, 6/2, 6/3, 9	500x20x0.50	2.50	1.00	1767	34242040
11	Gurfali-1	Gurfali	Hadgaon	Painganga	5, 6, 7, 11, 12, 13, 14, 15, 16, 17, 18, 19	500x20x0.50	2.50	1.00	1767	16631848
12	Gurfali-2	Gurfali	Hadgaon	Painganga	26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36	600x20x0.50	2.50	1.20	2120	7451439
13	Takali	Takali	Mahur	Painganga	7, 8, 9, 83, 84, 85, 86, 87	250x50x0.50	2.50	1.25	2208	7822535
14	Sayfal	Sayfal	Mahur	Painganga	2, 4, 5, 6	300x35x0.75	2.50	1.05	2783	7636987
15	Lanji	Lanji	Mahur	Painganga	15, 16, 17, 78, 79	250x50x0.50	2.50	1.25	2208	7451439
16	Shekhapur	Shekhapur	Degloor	Manjara	146, 147, 21, 22, 23, 27	424x90x0.50	2.50	3.82	6742	7451439
17	Shelgaon-3	Shelgaon	Degloor	Manjara	166, 167, 175	410x100x0.50	2.50	4.10	7244	8940040
18	Medankallur	Medankallur	Degloor	Lendi	82, 83, 84, 225, 226, 228	700x40x0.50	2.50	2.80	4947	29839492
19	Sagrol-1	Sagrol	Biloli	Manjara	361, 362	210x230x1.00	2.50	4.83	17067	23602549
20	Sagrol-2	Sagrol	Biloli	Manjara	451, 457, 459, 460	480x100x1.00	2.50	4.80	16961	16539074
21	Sagrol-3	Sagrol	Biloli	Manjara	334, 335	450x100x1.00	2.50	4.50	15901	21456096
22	Yesagi-3	Yesagi	Biloli	Manjara	233 Senter Side	330x150x1.00	2.50	4.95	17491	24930904
23	Bolegaon-1	Bolegaon	Biloli	Manjara	288 Senter Side	308x160x1.00	2.50	4.93	17413	24028466
24	Bolegaon-2	Bolegaon	Biloli	Manjara	320 East Side	310x160x1.00	2.50	4.96	17527	24138108
25	Bolegaon-3	Bolegaon	Biloli	Manjara	320 West Side	110x250x1.00	2.50	2.75	9717	5830389
26	Ganjagaon-3	Ganjagaon	Biloli	Manjara	297, 299	410x120x1.00	2.50	4.92	17385	18626489
27	Ganjagaon-4	Ganjagaon	Biloli	Manjara	325, 326, 354	490x100x1.00	2.50	4.90	17314	15645070
28	Karla Bu.-3	Karla Bu.	Biloli	Manjara	100, 101, 109	350x110x1.00	2.50	3.85	13604	23990513
29	Machnoor-1	Machnoor	Biloli	Manjara	14	290x170x1.00	2.50	4.93	17420	25867078
30	Machnoor-2	Machnoor	Biloli	Manjara	28, 29, 30, 31	380x130x1.00	2.50	4.94	17456	16092072
31	Machnoor-5	Machnoor	Biloli	Manjara	51	210x175x1.00	2.50	3.68	12986	15198068
32	Hungunda	Hungunda	Biloli	Manjara	256, 352	295x150x1.00	2.50	4.43	15636	7822535
										8383396

*Kapardh*  
Additional Collector, Nanded



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### 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, Ghamelas, 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 kutchra 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.
- ❖ 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.

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- ❖ 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>	3 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
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 32 Sand Spots located in Nanded, Himayatnagar, Hadgaon, Mahur, Degloor and Biloli Talukas in Nanded 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.