

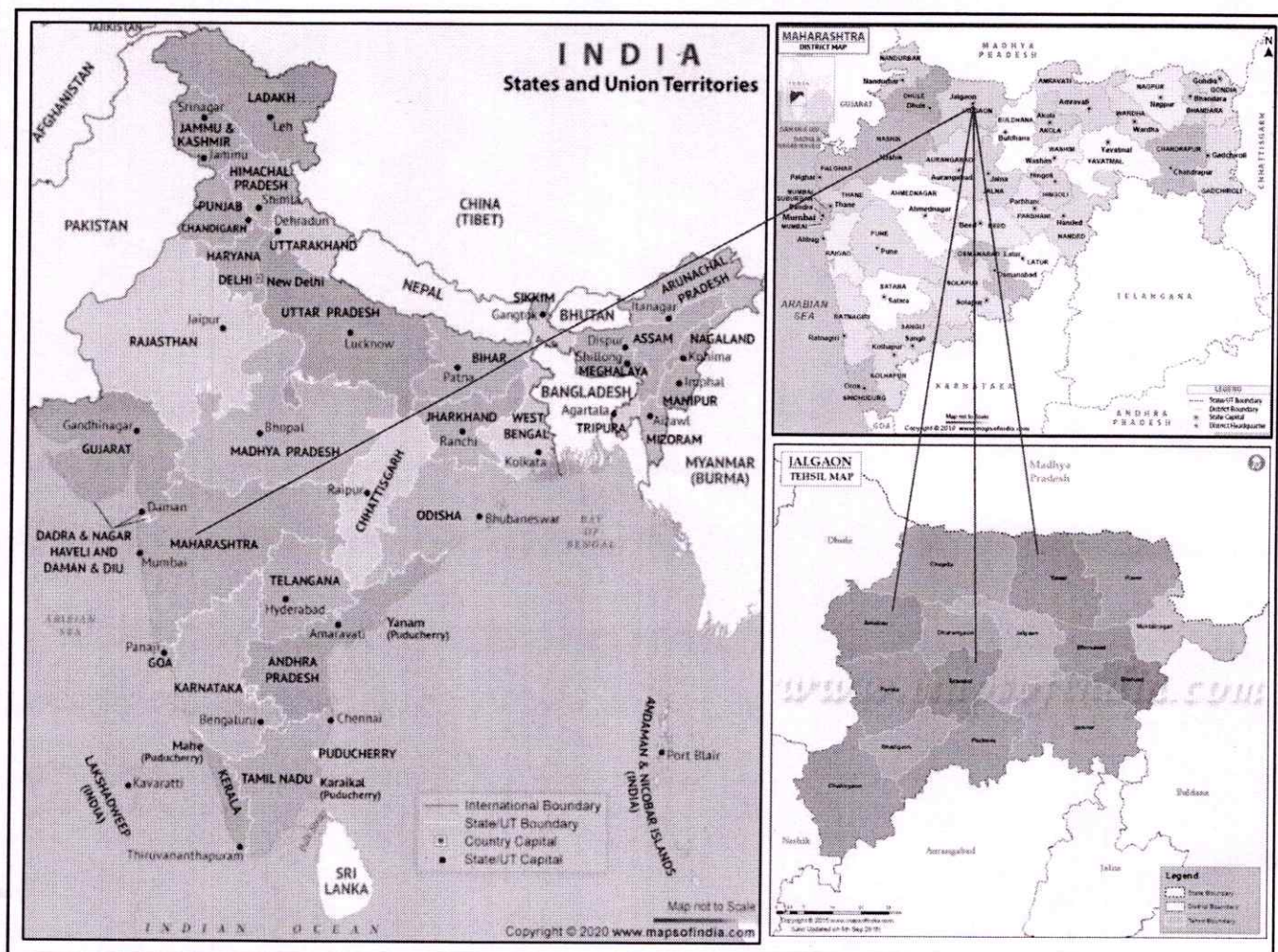
Public Hearing of 10 sand spots of Amalner, Erandol and Yawal Talukas, Jalgaon District, Maharashtra.

EXECUTIVE SUMMARY

1. INTRODUCTION

- ❖ Environmental Clearance is sought ten (10) sand spots of Amalner, Erandol and Yawal Talukas, Jalgaon District, Maharashtra.
- ❖ M/s. Integrated Precision Systems & Services Pvt. Ltd., was awarded work to obtain Environmental Clearances for Sand Spots of Jalgaon by Collector Office, Jalgaon.
- ❖ Mining plan Approval by DGM Nagpur is completed.
- ❖ Application in Form-1M, PFR, EMP, RA, DSR along with Approved Mining Plans for Sand Spots will be submitted along with Public Hearing Proceedings for Environmental Clearance.

2. LOCATION MAP



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3. List of Proposed Sand Mines:

S.No	Name of Village /Sand Ghat	Taluka	Name of The River	Gat. No. / Survey No. / Khasra No. Etc.	Length x Width x Depth (m)	Total Area in Ha.	Available Sand in Brass
1	Utran A.H.	Erandol	Girana	17	150*70*2.5	1.05	1391
2	Utran A.H.	Erandol	Girana	9	370*70*2.5	2.59	3432
3	Hanumankhede sim part-1	Erandol	Girana	1 to 5, 13, 14 & 19	380*65*2.5	2.47	3273
4	Hanumankhede sim part-2	Erandol	Girana	91, 93, 95 to 100	375*65*2.5	2.44	3230
5	Pimpri	Yawal	Tapi	1,2,3,6,7,8,9,10,12,13,16,273,274 & 275	532*20*2.5	1.06	1410
6	Shiragadh	Yawal	Tapi	2, 6, 128, 129 & 130	648*16*3	1.04	2748
7	Patharale	Yawal	Tapi	3 & 158	563*18*3	1.01	2686
8	Taakarkheda-1	Erandol	Girana	1, 2, 3 & 4	255*55*2.5	1.4	1859
9	Taakarkheda-2	Erandol	Girana	111, 117, 118 & 119	260*55*2.5	1.43	1895
10	Jalod	Amalner	Tapi	3 & 4	250*40*3	1	2651

4. MINING METHODOLOGY:

- Method of Mining:** Opencast manual method without drilling & Blasting. Only manual labor with hand tools such as spade, Ghamela, will be used. Excavation of sand from dry riverbed only.
- Machinery / Equipment's required:** Spades, Ghamela, Tractor with trolley.
- Transportation:** By tractor trolley from sand spot to stock yard & to consumers.
- Reclamation:** Mined out area will be replenished automatically after monsoon. Plantation will be carried out along river bank and along transport road.

5. ENVIRONMENTAL MANAGEMENT PLAN

a. Air Pollution Control Measures

- Periodic water sprinkling on kutch 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 carried out along river banks and on free spaces near sand spot.

b. Noise Control Measures

- Mining and sand transport will be carried out during day time only.
- Only noise due to sand transport is expected

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- Periodic maintenance of sand transportation vehicles will be ensured to minimize noise
- Speed of sand transport vehicles will be regulated.

c. Water Pollution Control Measures

- Sand mining will be carried out in dry river bed only.
- Depth of the mine pit will be maintained above river water level.
- River streams will not be diverted to form inactive channels.
- Washing of vehicles in the river will be prohibited.
- No effluent will be generated from mining activities.
- Provision of mobile toilets for workers.
- Mining will be avoided during monsoon and floods this will allow the sand deposit to replenish.

d. Land Environment

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

6. GREENBELT DEVELOPMENT PLAN

Location of greenbelt	On the banks of both sides of the lease boundary & Haul Road outside riverbed
Spacing of plants	4 m grid interval
Species selected	Native species

Tree species recommended for Plantation

Botanical name	Local name	Importance
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<i>Azadirachta indica</i>	Neem	Neem oil & neem products
<i>Tectona grandis</i>	Teak	Antibacterial, Antifungal, Antiulcer
<i>Bambusa vulgaris</i>	Bamboo	Anthelmintic Anti-inflammatory, Astringent Properties

7. OCCUPATIONAL HEALTH SAFETY MANAGEMENT

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

8. CONCLUSION

- Applied 10 sand spots of Amalner, Erandol and Yawal Talukas, Jalgaon District, Maharashtra falls under B2 category as per MoEFCC guidelines.
- Quarries are not likely to cause significant impact on the environment due to 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 social infrastructure and overall development of the region.
- All environmental issues like air, water, noise, soil, solid waste management etc will be dealt as per the MoEF&CC guidelines.