

**QUESTIONNAIRE FOR ENVIRONMENTAL APPRAISAL**  
***(FOR HOTELS/BEACH RESORTS AND OTHER PROJECTS  
LOCATED IN CRZ EXCEPT PORTS & HARBOURS)***

Note 1 : All information given in the form of annexures should be part of this file itself. Annexures as separate files will not be accepted.

Note2 : Please enter x in appropriate box where answer is Yes/No

**I. General Information**

A. Name of the Project: **GOLDEN SANDS BEACH FRONT RESORTS**

1. Existing project/proposed project/  
expansion project/modernization project : ***Proposed project***

2. If Existing/expansion/  
modernization project, whether  
environmental clearance  
has been obtained : **-NA-**

B. Size. (Plinth Area) Square Metres  
**3144.84**

C. Location

Village	Tehsil	District	State
Adavi Village	Bapatla	Guntur	Andhra Pradesh

**D. Geographical Information**

1. Survey no.	517
2. Latitude	15°48'48" N
3. Longitude	80°26'41" E
4. Elevation above Mean Sea Level (Metres)	6 m
5. Total Area envisaged for setting up of project (in Acre.)	10.75 Acres

6.	Nature of terrain	<div>Plan</div>	
7.	Nature of Soil (permeability)	<div>Beach Sandy soil</div>	
8.	Stability Status of the Coast, i.e		
	(i) Is it stable?	Yes <div>X</div>	No <div></div>
	(ii) Is it accreting?	Yes <div>X</div>	No <div></div>
	(iii) Is it eroding?	Yes <div></div>	No <div>X</div>
	(iv) Is it prone to flooding?	Yes <div></div>	No <div>X</div>
9.	Nature of Coast, i.e.,		
	(i) Rocky	<div></div>	
	(ii) Sandy	<div>X</div>	
	(iii) Others (Please specify)	<div></div>	

## II. Current land use of the proposed project site Area (in hectares)

A.	Agricultural	
	1. Irrigated	<div>-Nil-</div>
	2. Unirrigated	<div>-Nil-</div>
B.	Homestead	<div>-Nil-</div>
C.	Forest	<div>-Nil-</div>
D.	Notified Industrial Area/Estate	<div>-No-</div>
E.	Grazing	<div>-Nil-</div>
F.	Fallow	<div>-Nil-</div>
G.	Mangroves	<div>--No-</div>

H.	Orchards	--No-
I.	Sand dunes	--No-
J.	No development zone	--No-
K.	Marshes	--No-
L.	Others (Please specify)	Non-Agriculture
		(Land conversion documents enclosed in Annexure 9)
Total		10.75 Acres

**III. Alternate sites considered from environmental consideration**

A. *No alternative sites- Suitable for recreation and accessible*

B. \_\_\_\_\_

C. \_\_\_\_\_

D. \_\_\_\_\_

**IV. Reason for selecting the proposed site from environmental consideration.**

*Site is located in CRZ3 and fulfilling other environmental considerations also.*

**V. Does the proposed project site conform to the stipulated land use as per the local land use plan ?**

Yes ☒

No ☐

**VI. What is the categorization of the area (as per approved CZMP)?**

CRZ-I ☐

CRZ-II ☐

CRZ-III ☒

CRZ-IV ☐

**VII. Does the proposed activity qualify under the category of permissible activity ?**

Yes ☒

No ☐

If yes, under what provision is it permitted?

S.No.	Provision No.
1	Under category CRZ – III Para 8. III .B.(i) & Annexure –III of CRZ notification 2011

**VIII. Does the proposed project site involve any breeding or nesting ground?**

Yes

☐

No

☒

If yes, provide the following details:

- A. Name of the aquatic organism
- B. Type of habitat
- C. Period of year in which activity takes place

**IX. Site preparation.**

- A. Is the proposed site located in low-lying area?

Yes

☐

No

☒

- B. Level before filling (above MSL, in m)

4.3

- C. Level after filling (above MSL, in m)

4.3

- D. Details of fill material

Quantity of Fill Material required (in cu. m.)	Source
Approximately 1,000 CUM	Excavated soil in same site will be used for fillings.

E. Does the site preparation require cutting of trees?

Yes ☐ No ☒

F. If yes, how many trees are proposed to be cut ?

NA

1. Does it include any protected/endangered  
species (as per BSI list) ?

Yes ☐ No ☒

2. If yes, provide detail.

G. Does the project involve construction on any sandy stretch?

Yes ☐ No ☒

If yes, please furnish detail.

H. Height (above MSL in m.)

4.3m

I. Does the project involve extraction of sand, leveling or digging of sandy stretches within 500 mts of high tide line

Yes ☐ No ☒

If yes, mention the activity involved and area.

1. Activity ☐

2. Area (sq. metre) ☐

J. Does the project involve any land reclamation?

Yes ☐ No ☒

If yes, pl. provide the following details.

1. Activity for which land to be reclaimed

2. Area of land to be reclaimed (ha)

K. Does the project involve any dredging?

Yes

No

If yes, provide details (capital/maintenance,

Extent of dredging, disposal of dredged material etc)

L. Is any sand proposed to be removed from sand dunes?

Yes

No

M. Whether there will be any change in the drainage pattern after the proposed activity ?

Yes

No

If yes, what are the changes?

N. Does the project involve cutting/clearing of mangroves?

Yes

No

If yes, give detail

Area (ha)

Species

Existing health

- O. Whether there will be any ingress of saline water into ground/surface water/soil due to project ?

Yes

☐

No

**X**

**X. Please indicate area earmarked for each of the following (in Square meters)**

S.No.		0-200 mt	200-500 mt	Beyond 500 mt
1	Area of all buildings	-	2065.51	-
2	Courts		-	-
3	Playground		-	-
4	Swimming pool		2413.31	-
5	Lawns	21499.02	5532.45	-
6	Amusement park			
7	Landscaping		636.10	-
8	Approach Road		3972.28	
9	Tree plantation			
10	Waste water treatment	-		-
11	Solid waste disposal	-		-
12	Others (Parking)	-	7385.21	
TOTAL			<b>43503.88</b>	

**Ground coverage is 1665 m<sup>2</sup>**

**Built up area is 3144.84 m<sup>2</sup>**

**XI. Project Details.**

- A. Total Area of the plot (in square metres)

1. Area within 200 mts of HTL

21163.94

2. Area between 200-500 mts of HTL

22339.94

3. Area beyond 500 mts of HTL

B. Width of the plot along the coastline (in metres)

C. Width of access road to the beach through the property  
on either side of the Hotel/Beach Resort left for public access (in metres )

1. Left side

2. Right side

D. If the width of the plot along the coast is more than 500 metres, whether additional public access to the beach has been provided through the property?

Yes

No ☒

If yes,

1. Width of public access road (in metres)

2. Area of public access road (in metres)

3. Distance along the coastline between two public  
access roads to the beach(in metres)

E. Details of Buildings to be constructed (layout to be provided)

No. of buildings	Area of each building (Sq.metres)	Distance from HTL (metres)	Height of each building (metres)
20	As per drawing submitted		

F. Floor space index / Floor space area. In metres

1. Ground coverage between 200-500 metres  
of HTL

2. Coverage of first floor

3. Total floor area (1+2)

4. 50% of plot area within 200 metres of HTL

5. Plot area between 200-500 metres of HTL

6. Total (4+5)



7. Floor space index (3/6) 0.095

G. Is it proposed to construct any basement? 0.095

Yes  No X

If yes,.

1. Depth of Basement (meters)

2. Area of basement (Sq. meters)

3. Activity/Purpose

4. Maximum Ground water 3.21

Table (metres)

5. Has the approval of Ground Yes X No

Water Board been obtained?

H. Whether construction would be consistent with the surrounding landscape and local architecture? Yes X No

If no, reason for adopting different architectural style may be specified.

I. Number of rooms to be constructed

1. Ground floor 21

2. First floor 15

**XII. Details of the location:**

	Sea*	Other Water bodies Rivers/creek/lake etc*. (Please specify)
Distance of seaward boundary of the plot (in m)	35 m	NA
Distance of seaward boundary of construction (in m.)	236.5 m	NA

\* From high tide line

**XIII. Surroundings.**

- A. Whether there are any structures existing within 1 km of the periphery along shore of the proposed site ?

Yes

☐

No

☒

- B. If yes, please provide details along with a layout plan:

- Distance of each structure from the boundary of the proposed site
- Distance of each structure from the HTL
- CRZ classification as per approved CZMP

**XIV. Whether any of the following exist within 7 km. of the periphery of the project site. If so, please indicate aerial distance and the name of the site.**

S.No.		Name	Aerial Distance (in km)
1	National Park	No	Na
2	Marine Park	No	Na
3	Sanctuary/Tiger Reserve/Elephant Reserve/ Turtle Nesting Ground	No	Na
4	Core Zone of Biosphere Reserve	No	Na
5	Reserved Forest	No	Na
6	Wildlife Habitat	No	Na
7	Habitat of endangered/exotic species	No	Na
8	Coral Reef	No	Na
9	Mangroves	No	Na
10	Lakes/Reservoirs/Dams	No	Na
11	Breeding Site	No	Na
12	Nesting Site	No	Na

**XV. Transportation system****Type**

<b>Transportation System</b>	<b>Road</b>	<b>Rail</b>	<b>Airport</b>
A. Existing	<b>X</b>	<b>X</b>	
B. After the proposed activity	<b>X</b>		
C. Whether existing network is adequate			
Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
D. If not, provide details of alternative proposal: Not Applicable			

**XVI. Raw material transportation to the site , (Quantity in tonnes per day)****A. During construction**

S.No.	Item	Quantity	Mode of Transportation
1	Brick	400000 No.s	Road
2	Sand	10000 m <sup>3</sup>	Road
3	Steel	1000 Tonnes	Road
4	Others (Please Specify) Cement Bags	4,000 m <sup>3</sup>	Road

**B. After construction**

	No of trips/day	Mode
Material	<input type="text" value="1"/>	<input type="text" value="Road"/>
Manpower	<input type="text" value="3"/>	<input type="text" value="Road"/>

**XVII. Whether the area is affected by cyclone**

Yes

No

If yes provide

- A. Maximum wind speed reached
- B. Frequency of cyclone
- C. Distance affected from high tide line

**XVIII. Ambient Air Quality (for RPM,SPM, SO<sub>2</sub>, NO<sub>x</sub>, CO)**

Procedures adopted should be as per guidelines of CPCB and should cover one full season excluding monsoon.

Date, Time & Location	Concentration as monitored (in g/cu.m.) SPM,SO <sub>2</sub> ,NO <sub>x</sub> ,CO	Permissible Standard(As per SPCB guidelines)	Remarks (Name of the instrument and sensitivity)
	SPM - $7.9 \times 10^{-5}$ SO <sub>2</sub> - $1.0 \times 10^{-5}$ NO <sub>x</sub> - $7.9 \times 10^{-5}$ CO - 0.001	0.2 0.08 0.08 0.002	

**XVIII. Water Requirements (cum./day)**

Sl.no	Purpose	No. of persons	60% Occupancy	Water requirement	Fresh Water KLD	Recycled KLD	Total Water KLD	Waste Water KLD
2	Cottages Type (1,2,3)	52No.sX2 members	62	180 LPCD	11	0	11	7
3	Green belt & Others	6.67acres	--	2 KLD	4	7	11	0
4	Club House	100 seats	60	70 LPCD	4.2	0	4.2	3.8
5	staff	20	20	45 LPCD	0.9	0	0.9	0.8
<b>Total</b>		<b>224 persons</b>	<b>142</b>		<b>20.1</b>	<b>7</b>	<b>27.1</b>	<b>10.9</b>
<b>Total</b>		<b>224 persons</b>	<b>142</b>		<b>20100lt</b>	<b>7000lt</b>	<b>27100lt</b>	<b>10900lt</b>

**XX. Source of Raw Water Supply (Net)**

S No.	Source	Cu.m./hr	Cu.m./day
1	Sea	-Nil-	-Nil-
2	River	-Nil-	-Nil-
3	Groundwater		
4	Rain water harvesting		-Nil-
5	Municipal water supply		
6	Others (Pl. specify)		Private Source

**XXI. In case of groundwater from Dug wells in the CRZ area**

A. No. of wells (existing) within	No.	Yield (kl/day)
1. 0-200 meters	Nil	
2. 200-500 meters	Nil	
B. New wells (proposed) within		
a) 0-200 meters	Nil	Nil
b) 200-500 meters	Nil	Nil

**XXII. Lean Season flow in case of surface water (cum./sec)**

NA

**XXIII. Groundwater**A. Recharge Rate (cubic meters) 4000B. Withdrawal rate (cubic meters) 3000

Groundwater Table:

A. Pre monsoon (metres BGL) 3.94B. Post monsoon (meters BGL) 2.83**XXIV. Competing Users of the Water Source**

S.No.	Usage	Present Consumption (cu.m/day)		Addition Proposed as per local plan		Total	
		Surface	Ground	Surface	Ground	Surface	Ground
1	Irrigation						
2	Industry						
3	Drinking			10		10	
4	Others (Please specify)flushi ng, washing, bathing			30		30	
Total				40		40	

**XXV. Physico chemical analysis of Raw Water at intake point:** Enclosed as **Annexure-11****XXVI. Physico chemical analysis of treated water to be used in the Project/Township (Envisaged Standards).**

## XXVII. Waste Water Management

A. Waste water and /or sewage treatment plan : Enclosed as **Annexure - II**

B. Composition/characteristics of discharge before and after treatment

Item	Characteristics	
	Before	After
pH	6.5-8.0	6.5-7.5
Total Suspended Solids	350	20
Chemical Oxygen Demand	450	100
Bio Chemical Oxygen Demand	300	30
Oil & Grease	10	<1

C. Daily discharge (cu.m./day) from different sources: 51 KLD

1. Toilet/sewage

  

2. kitchen

  

3. Workshop

4. Other

Total

D. Quantity of water recycled

1. (in %)

2. (in cu.m/day)

E. Details of recycling mechanism

1. During monsoon season

For Green belt

2. Other than monsoon season

For Green belt

E. Mode of final discharge/disposal: Not applicable. Entire sewage recycled after treatment.



S.No.	Mode	Length (in m.)	Quantity(in cu.m./day)
1	Open Channel		
2	Pipeline		
3	Others (Please specify)		

G. Point of final discharge : On land discharge after treatment

S.No.	Final Point (please specify the location)	Quantity discharged (in cum.)/day
1	Agricultural land	-Nil-
2	Fallow Land	-Nil-
3	Forest Land	-Nil-
4	Green Belt	10.9
5	River	-Nil-
6	Lake	-Nil-
7	Estuary	-Nil-
8	Sea	
Total		10.9

H. Lean season flow rate in case of  
river/stream/creek (cumecs)

-Nil-

I. Downstream users of water (cusecs/cumecs)

1. Domestic

None

2. Irrigation

None

3. Fisheries

None

4. Others (Please specify)

Total

- J. Analysis of river water 100 metres upstream of discharge point and 100 metres downstream of discharge point and details of aquatic life in case of discharge into water bodies.

## XXVIII. Solid Waste

### A. Details

S.No.	Source	Qty (TPM)	Form	Composition
1	Raw Water treatment			
2	STP	0.21	Sludge	Organic
3	Others (Canteen waste, etc)	0.34	Mixed	Garbage, plastic, etc

- B. What are the possibilities of recovery and recycling of wastes?

- C. Possible users of Solid Waste. Manure, Recycling

- D. Method of disposal of solid waste

<u>Method</u>	Qty (TPM)
E. Landfill	150
F. Incineration	--
G. Other (pl. specify)	53

H. In case of landfill

1. Is solid suitable for landfill Yes  No
2. Dimensions
3. Life of landfill (years)
4. Proposed precautionary and mitigation measures

I. In case of incineration:

Details of incinerator

1. Size
2. Capacity
3. Fuel

J. Likely composition and quantum of emissions

S.No.	Components	Quantity (in cu.m/hr)
	-Nil-	-Nil-

K. Frequency of incineration/annum

L. Others alternative proposed along with details

**XXIX. Noise level (dB)**

- A. Source
- B. Level at Source (db)
- C. Level at project boundary (dB)
- D. Abatement measures Ecooustic Enclosure

**XXX. Fuel/Energy Requirements****A. Total Power Requirement (KV)**

S.No.		Project	Other(please specify)
	Present (in existing)	-Nil-	
	Proposed	400	
	Total	400	

**B. Source of Power (KV)**

S.No.		APSPDCL/Grid	Captive power plant	DG Sets
1	Present	Nil		
2	Proposed	( APSPDCL)		250 KVA(Stand by)
	Total	400		250 KVA(Stand by)

**C. Details of Fuel used**

S.No.	Fuel	Daily Consumption (TPD)		Calorific value (Kcals/kg)	% Ash	% Sulphur
		Existing	Proposed			
1	Naphtha					
2	HSD	--	--		Stand by purposedly for diesel generator sets	
3	LSHS					
4	Furnace Oil	--				
5	Coal					
6	Lignite	--				
7	Other (Please specify)					

### XXXI. Occupational Health

- A. What are the major occupational health and safety hazards anticipated: Nil
- B. What provisions have been made/propose to be made to conform to health/safety requirements.
- C. Details of personal protective equipment provided/to be provided to the workers Nose masks and hand gloves for Kitchen staff.

### XXXII. Green Belt

- A. Total area of project / township (in acre.) 10.75
- B. Area already afforested (for existing projects), in ha.
- C. Area proposed to be afforested (in ha.) 6.67
- D. Width of green belt (minimum, in m.) 3
- E. Trees planted & proposed
- |               | Nos.   | Survival Rate  | Species       |
|---------------|--|--|---------------|
| Planted       | <span style="border: 1px solid black; padding: 2px 10px;">Nil</span>         | <span style="border: 1px solid black; display: inline-block; width: 60px; height: 20px; vertical-align: middle;"></span> |               |
| Proposed      | <span style="border: 1px solid black; padding: 2px 10px;">1100</span>        |  |               |
| Major species | <span style="border: 1px solid black; padding: 2px 10px;">Mixed local</span> |  | Cashew , Palm |

### XXXIII. Construction Phase

- A. Estimated duration of construction: 2 years
- B. Number of persons to be employed for construction
- a) Peak 30
- b) Average 20
- C. What provision has been made for the sewage treatment for the construction workers?  
Mobile STP

- D. How the fuel (kerosene/wood, etc.) requirement of labour force will be met to avoid cutting of trees from the adjoining areas: Labour will be hired from near by villages. Hence no fuel is required for labour force.
- E. Measure for Health care with emphasis on protection from endemic diseases.

#### XXXIV. Socio economic profile

##### A. Human Settlement

S.No.		Aerial distance from the periphery of the site		
		Upto 500m from periphery	500m to 3000 m from the periphery	3000m to 7000m from the periphery
1.	Population	70	3158	24589
2.	Number of Houses	15	700	4900
3.	Present Occupational Pattern	Agricultural, Fishing	Agricultural, Fishing	Agricultural, Fishing

##### B. Economic activity

S. No.	Population	Occupation (Agriculture/horticulture/ fishing/ tourism/transport/ construction)	Average Income per annum
1	22458	Agriculture	
2	600	Fishing	

#### XXXV. Rehabilitation & Resettlement plan: Not applicable

##### A. Population to be displaced: None

S.No.	Name of Village	Population		
		Land oustees only	Homestead Ousteers only	Land and Homestead Ousteers
1				
2				
3				

B. Rehabilitation Plan for oustees: Not applicable

C. Site where the people are proposed to be resettled  
and the facilities to be provided at the new site

D. Compensation package

E. Agency/Authority responsible for their resettlement.

F. Approval/comments of competent authority

### **XXXVI. Pollution Control**

A. Details of Pollution Control Measures/Environmental safeguards:

S.No.	Existing	Proposed to be Installed
1.	Air	Stack
2.	Water	Sewage treatment Plant
3.	Noise	Acoustic enclosure
4.	Solid Waste	To recyclers

C. Protection of

1. Forest
2. Agricultural land
3. Grazing land
4. Top soil
5. Natural resources
6. Sand dune
7. Hill feature
8. Reclaiming borrow lists
9. Low lying list
10. Soil and slope stabilization

D. Preventing siltation

D. For Existing Units Only

1. Difficulties encountered in implementing pollution control measures.
2. Efficiency of each pollution control equipment/system installed.

S.No.	Name of the System Equipment	Design Efficiency %	Present Working efficiency %
1	Sewage treatment plant	90%	-Nil-
2			
3			

### **Proposed Units**

S.No.	Name of the System Equipment	Design Efficiency %	Present Working efficiency %
	Water treatment plant	95%	

### **XXXVII. Expenditure on Environmental Measures**

- A. Capital cost of the project (as proposed to the funding agency/financial institutions

(Rs. Lakhs)

- B. Cost of environmental protection measures (Rs. Lakhs)

S.No.		Recurring Cost per annum	Capital Cost
1	Pollution Control		13
2	Pollution Monitoring		1
3	Solid Waste Management		1
4	Occupational Health		1
5	Green Belt		1
6	Others ( Pl. Specify)		1
Total		1	20

### **XXXVIII. Public Hearing Not applicable**

- A. Date of Advertisement:

- B. Newspapers in which the advertisement appeared

- C. Date of Hearing

- D. Panel Present

- E. List of Public present along with addresses and occupation

- F. Summary/details of public hearing



Issues raised	Recommendation of panel	Response of Project Proponents

The data and information given in this Performa are true to the best of my knowledge and belief:

Signature of the Applicant with full name & address.

for GOLDEN SANDS BEACH FRONT RESORTS

**Date:** 26 Dec 2014

**Place:** Hyderabad

Given under the seal of organization  
on behalf of whom the applicant is signing.

**LIST OF DOCUMENTS TO BE ATTACHED IN RESPECT OF PROJECTS FALLING  
WITHIN COASTAL REGULATION ZONE**

S. No	Document to be attached	Remarks
1	Location Map delineating LTL HTL, 200 metre line, 500 metre line, and extent of Coastal Regulation Zone as per Naval Hydrographer Chart / Chief Hydrographer demarcation duly certified by the competent authority	Enclosed in Annexure No.1
2	Topographic map of the site (1:2500 scale) indicating contours sand dunes and ecologically sensitive features.	Enclosed Annexure No.2
3	Confirmation from the Department of Environment of the State Government/ Union Territory Administration indicating the classification of the area, their observation/ recommendation on the proposal and confirmation that the proposal is as per the approved Coastal Zone Management Plan	
4	Topographic map covering 10 kilometres radius from the periphery of the site indicating mangroves, mudflats, nesting grounds for aquatic animals, migration path of turtles and other ecologically sensitive areas.	Enclosed Annexure No 3
5	General Lay out of the site (1:2500 Scale) showing installations already developed, approach roads and other infrastructure facilities constructed/Planned for the project, location of dug wells, sand dunes, effluent treatment facilities/Septic tank, courts, Lawns, tree plantation, Swimming pool etc and their distance from High Tide Line.	Enclosed Annexure No 4
6	Comments/observation of the Chief Wildlife Warden	Not applicable
7	Plan of the area showing existing structure within one kilometre	Enclosed Annexure No 5
8	Plan /Elevation of the buildings proposed clearly demarcating the access road to the public on either side of the proposed construction if it is a beach resort/ hotel in accordance with the provisions of the guidelines given in CRZ notification.	Enclosed Annexure No 6
9	Approval of Electricity connection and certificate of supply of electricity	Enclosed Annexure No 7
10	Lay out of green belt clearly indicating the width on all side's trees, lawns, bushes etc.	Enclosed shown in Annexure No 4
11	Approval of Tourism Department	Applying
12	No objection certificate from the State Pollution Control Board	Applying
13	No objection certificate from the State Ground water Board	Enclosed Annexure No 8
14	A certificate from water supplies authority regarding its availability in case water from other sources is to be obtained.	Not Applicable