



**SURAT MUNICIPAL CORPORATION
FIRE & EMERGENCY SERVICES
HEAD QUARTERS, MUGLISARA,
SURAT - 395003**

☎ Ph: S.M.C. : 0261 - 2423750 TO 56, CONTROL : 2414195 -96, FAX : 2451935, 9724345553

Sub:- N.O.C./OPINION Fire& Emergency Services Dept. For High Rise Residential building

Reference:- A Letter from T.D.O Shri bearing No. T.D.O/5483,Dtd.28/12/2018

**PROPOSED SITE :-REVISED RESIDENTIAL HIGHRISE BUILDING PLAN ON
R.S.NO:142,O.P.NO:-80/A+80/B,F.P.NO:119,T.P.S.NO:25(SINGAN POR-TUNKI),
SURAT.**

Submitted ,

**As per said plan the above building is a High Rise Residential building
A,B,C,D (Basement + Ground +14th floor) with Height of 44.97Mtrs.**

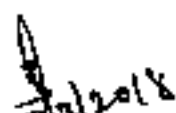
**As per N.B.C.- 2016 The aforesaid Building is to be considered as High
Rise Residential cum Commercial building .Hence this dept. Has no-objection if the applicant
concerned makes necessary fire fighting arrangement in said building as per N.B.C. Norms.
Existing DCR norms. Attached Drawing .**

- (1) The Fire Fighting System to be maintained in perfect working condition all the time.**
- (2) In case of Emergency, Fire Safety System must be operated by your trained person immediately to control the situation.**
- (3) The Fire dept. of SMC will not be responsible for any loss of life & property due to Fire / Emergency incident in your building premises.**
- (4) Trained man-power shall be available for fire fighting & Lift Rescue in the building premises round the clock.**
- (5) This opinion is given on the basis of submitted drawing / documents only.**
- (6) Any other instructions given by fire dept. from time to time about fire safety of the building premises to be followed norms.**


Divisional Fire Officer

**T.D.O.Shri,
For information & further process please.**

**FES/ OUTWARD/NOC 1704.
Dt. 3 /03/2018**


**I/C CHIEF FIRE OFFICER
Surat Municipal Corporation**



**REVISED RESIDENTIAL HIGHRISE BUILDING PLAN ON R.S. NO:-142, Q.P NO:-80/A+ 80/B, F.P.
NO:-119, T.P.S. NO:-25 (SINGANPOR-TUNKI), SURAT.**

**The Fire Safety Items given Below are implanted in the market as per TAC Publication, GDCR-2017 and
N.B.C. Part- IV**

The Quantity should be approximately as per Drawing.

LIST OF BOQ

Sr No	Item Details	Specification	Qty.	Unit
1	Fire Pump	Type: Horizontal Monoblock centrifugal, Discharge:2280 LPM, Head: 85 Mtr.	1	Nos.
2	Jacky Pump	10.8m ³ /hr , 180 LPM 85 Mtr ,head Type: centrifugal, Vertical Multistage pump 7.5 Hp	1	Nos.
3	Diesel Pump	171m ³ /hr or 47.5 LPS/Sec, 85 Mtr head i.e. 7kg/cm ² OR Building D G Set	1	Nos.
4	Booster Pump	7.5-10 Hp	4	Nos.
5	Motor and Panel	Suitable for Above Pumps	4	Nos.
6	Riser Pipe & Sprinkler pipe or Special	Material: G.I./C st class ,ISI mark, 150mm,100mm & 80mm,50mm,40mm, 32mm Dia	1320	Rft
7	Hydrant Valve	As per IS 5290. Single headed 63mm Die SS Valve	60	Nos.
8	Hose Box	MS box Single door with hinges, Glass, Key	60	Nos.
9	Fire Hose Pipe	As per IS 636, Type -A RRL 15 Mtr, Length With Aluminum Male-Female Coupling Bounding Copper wire.	60	Nos.
10	Hose Reel	19mm die Type high pressure rubber braided 30 Mtr. Long with MS Drum Bombay Type with Shut off nozzle and other fittings.	60	Nos.
11	Branch Pipe	63mm die Upper 1/2 Die Aluminum Nozzle IS 903	60	Nos.
12	Fire Extinguisher	6 KG ABC type	60	Nos.
		Co2 4.5 KG type	60	Nos.
13	Butterfly Valve	IS 13095 CI Body .Black nit rile rubber PN	13	Nos.
14	NRV	As per IS 5312 Reflux Swinging disc wafer type CI body PN 1.6	5	Nos.
15	Sluice Valve	CI Body 150mm Dia	1	Nos.



I/C. Fire Officer,

**Fire & Emergency Services,
Surat Municipal Corporation.**

(Signature)

"SUNDARAM CORPORATION"
P.P. 119, T.P. 25 (Singanpor-Tunki)
Nr. Tapal Avenue, Calcuttaway Road,
Singanpor, Surat.

REVISED RESIDENTIAL HIGHRISE BUILDING PLAN ON R.S. NO:-142, O.P NO:-80/A+ 80/B, F.P.
NO:-119, T.P.S. NO:-25 (SINGANPOR-TUNKI), SURAT.

16	Fire inlet	Fire brigade Inlet point 4 way 63 mm die pipe manifold.	4	Nos.
17	Y Type Strainer	CI body 150mm Die flange type	1	Nos.
18	Air release Valve	25mm Die MOCs-Body; Forged Brass	4	Nos.
19	Pressure Gauge	MOC 4" Dial range 0-16 Bar (kg/cm ²)	3	Nos.
20	Pressure Switch	Pressure Switch with siphon tube and cock	1	Nos.
21	Sprinkler	59 D° C. russet type	73	Nos.
22	Fire Alarm System	Fire Alarm panel	4	Nos.
		M.C.P ABS	60	Nos.
		Hooter ABS	60	Nos.
		Smoke Detector With base	60	Nos.
		Cable F.R Core 1.5 sq. mm	200	Nos.

Sr No	Water Mist system	Quantity
1	Ultra High Pressure Vertical Multi-stage Pump, Discharge:300 LPM, Head:85 Mtr.	1 Nos.
2	Water mist system as per GDCR complete system in common premises	1 Nos.
3	Reel drum with tube pipe set & pressure gun R2	60 Nos.
4	S.S pipe IS' marked	200 RTM
5	Water Purify Plant	1 Nos.
	- The high quality Water mist droplets at high speed to long distance provides narrow distribution ultra fine water mist using specialty nozzle - The droplets creates an enlarged surface area as compared to conventional water tender rapid cooling due to an extensive heat absorption resultant steam generated The combine effect of cooling and blanketing results in effective rapid system useful in effective reaching the seat of the fire from a safe distance. - Materials are use S.S 50mm pipe with S.S all types accessories. - High pressure hoses with high quality nozzle	




 J. C. Green, Fire Officer,
 Fire & Emergency Services,
 Sulist Municipal Corporation.

"SUNDARAM CORPORATION"
F.P. 119, T.P. 25 (Singanpor-Tunkul)
Nr. Tptl Avenue, Calicut Road,
Singanpor, Surat

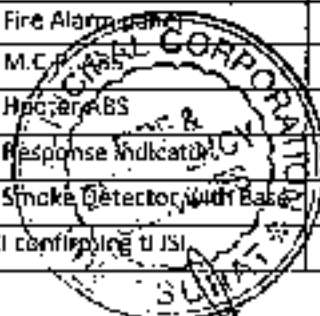
REVISED RESIDENTIAL HIGHRISE BUILDING PLAN ON R.S. NO:-142, O.P NO:-80/A+ 80/B, F.P. NO:-119, T.P.S. NO:-25 (SINGANPOR-TUNKI), SURAT.

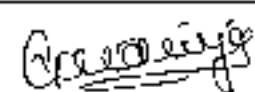
BASIC DATA AS PER TAC PUBLICATION GDCR NBC PART - IV

1	Supposition of Risk	Coverage of all natural and made fire threats.
2	Fire Water Tank required	200000 liters(200 KL)
3	Applications	For fire fighting in residential applications
4	Assumed Pipe Diameter Hit & Trial method	150mm NB & 100mm
5	Size of Suction Header	150mm Dia Positive Suction
6	Size of Discharge Header	150mm NB
7	Type of System	Automatic Operated Wet System
8	Pressure at rest of area	Minimum 3.5 kg/cm ²
9	Back up for Emergency	Diesel Generated 750 KVA
10	Fire Alarm System	Automatic information
11	Water Mist system	Automation System with man power operation system
12	Fire Escape Chute	Providing staged type, as per DCR having landing each section
13	Calculation of Refuge area	Required for 1 person + 0.3 Sq.m Additional Require for Handicap Wheel Chair = 0.9 Sq.m
14	Building Height	(BUILDING A,B,C,D) 44.97 MTR

MAKE LIST OR APPROVED BRAND

No	PARTICULARS	MAKE
1	Fire pump(Hydrant & Sprinkler)	Lube/Wilo/Kirloskar/OR Equivalent Brand
2	Diesel Pump	Lube/Wilo/Kirloskar/OR Equivalent Brand
3	Jockey Pump	Lube/Wilo/Kirloskar/OR Equivalent Brand
4	Booster Pump	Lube/Wilo/Kirloskar/OR Equivalent Brand
5	Pump Panel	L&T/CRS/Ganga/OR Equivalent Brand
6	GI Pipes	TATA/Asian/Indal/OR Equivalent Brand
7	Sluice Valve	Kranti/Kartar/Krishna/OR Equivalent Brand
8	Butterfly Valve	Kranti/Kartar/Krishna/OR Equivalent Brand
9	NRV	Kranti/Kartar/Krishna/OR Equivalent Brand
10	Y type Strainer	Kranti/Kartar/Krishna/OR Equivalent Brand
11	Pressure Gauge & Pressure Switch	System Sensor/L&T/H Guro/Danfoss/or Equivalent Brand
12	Rose pendant type Sprinkler	Tyco/HD/Safex/OR Equivalent Brand
13	Addressable Fire Alarm panel	System Sensor/AGNI/Honey well/or Equivalent Brand
14	Addressable M.C.P. AAS	System Sensor/AGNI/Honey well/or Equivalent Brand
15	Addressable Hoover ABS	System Sensor/AGNI/Honey well/or Equivalent Brand
16	Addressable Response Indicator	System Sensor/AGNI/Honey well/or Equivalent Brand
17	Addressable Smoke Detector with Base	System Sensor/AGNI/Honey well/or Equivalent Brand
18	Inlet 4 way CI connecting to ISI	Swati/New age/Atasi/OR Equivalent Brand


 T.C. Officer, Fire Officer,
 Fire & Emergency Services,
 Singanpor-Tunki Municipal Corporation.


"SUNDARAM CORPORATION"
 P.P. 119, T.P. 25 (Singanpor-Tunki)
 Nr. Tapu Avenue, Carraway Road,
 Singanpor, Surat.

REVISED RESIDENTIAL HIGHRISE BUILDING PLAN ON R.S. NO:-142, O.P NO:- 80/A+ 80/B, F.P. NO:-119, T.P.S. NO:-25 (SINGANPOR-TUNKI), SURAT.

19	Hydrant Valve	Swati/New age/Atasi/OR Equivalent Brand
20	Hose Reel	Swati/New age/Atasi/OR Equivalent Brand
21	Hose Pipe RRI	Swati/New age/CRC/OR Equivalent Brand
22	Hose Box	Swati/Saffron/ Or Equivalent Brand
23	Fire Extinguishers	Safex/Safepro/Kanex/Atasi/OR Equivalent Brand



[Signature]
"SUNDARAM CORPORATION"
 F.P. 119, T.P. 25 (Singanpor-Tunki)
 Nr. Tapi Avenue, Causeway Road,
 Singanpor, Surat.

[Signature]
 27-2-18
 D.C. Chief Fire Officer,
 Fire & Emergency Services,
 Surat Municipal Corporation.

भारतीय विमानपत्तन प्राधिकरण
पश्चिमी क्षेत्र मुख्यालय



AIRPORTS AUTHORITY OF INDIA
WESTERN REGION HQRS.

No. No. BT-1/NOC/WEST/14/SU/344

2000/753-56

Date: 7/11/2014

Devangbhai Jasmathbhai Vadiya

323, Ruchita Apt.,
Opp. SBI, Athugar Street,
Nanpara, Surat-395001.

NO Objection Certificate for Height Clearance

This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order SO84 (E) dated 14th Jan. 2010 for Safe and Regular Aircraft Operations.

1. References.

NOCID	SURA/WEST/B/091914/54350
Applicant Letter	dated 24.10.2014
AA Reference	DDM/14/SU/344

2. NOC Details for Height Clearance:

Applicant Name	Devangbhai Jasmathbhai Vadiya
Type of Structure	Building
Site Address	R. S. No. - 142/Palky, O. P. No. - 80/A & 80/B, F. P. No. - 119, T.P.S. No. - 26 (Singanpore - Tunki) Moje - Singanpore, Tal. - Surat City, Dist. Surat
Site Coordinates	21 13 17 58N +72 48 23.77E
Site Elevation AMSL in Mtrs	11.00 Mtrs One One Decimal Zero Zero
Permissible height above Ground Level in Mtrs	76.00 Mtrs Seven Six Decimal Zero Zero
Permissible Top Elevation AMSL in Mtrs	87.00 Mtrs Eight Seven Decimal Zero Zero

3. This NOC is subject to the terms and conditions as given below:

- The site-elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation for the proposed structure. If, however, at any stage it is established that the actual data is different from the one, provided by the applicant, this NOC will be invalid.
- The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and those of any notifications issued there under from time to time including the Aircraft (Demolition of Obstruction caused by buildings and trees etc.) Rules, 1994.
- No radio/TV Antenna, lighting arrestors, staircase, Muntree, Overhead water tank and attachments of fixtures of any kind shall project above the Permissible Top Elevation 87.00 Mtrs, indicated in par

अश्वीय कार्यपालक निदेशक का कार्यालय, पारसीवाडा के सामने, सहार रोड, विलेपार्ले (पूर्व), मुंबई - 400 099.

☎ 91-22-29217400

Office of The Regional Executive Director, Opp. Parsiwada, Sahar Road, Vile Pde (E), Mumbai - 400 099

ए.टी.एस. कॉम्प्लेक्स, सहार कार्गो के पास, सुतार पक्षाडी रोड, सहार, मुंबई - 400 099.

☎ 91-22-25819300

AIS Complex, Near Sahar Cargo, Sutar Pokadi Road, Sahar, Mumbai - 400 099.

<http://203.145.141.163:83/nocas/NOCLetterForBuilding2.aspx?nocID=SURA/WEST/...> 11/7/2014

d. The use of oil fired or electric fired furnace is mandatory, within 5 KM of the Aerodrome Reference Point.

e. The certificate is valid for a period of 5 years from the date of its issue. If the building/structure/Chimney is not constructed & completed within the period, the applicant will be required to obtain a fresh 'NOC' from the Designated Officer of Airports Authority of India. The date of completion of Building/Structure/Chimney should be intimated to this office of AAI. Request for revalidation of NOC will not be entertained after the expiry of its validity period.

f. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building.

g. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.

h. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix B of Civil Aviation Requirement Series 'B' Part I Section 4, available on DGCA India website: www.dgca.nic.in

i. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans as this NOC for height is for the purpose of 'to ensure the safe and regular aircraft operations' and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.

j. This NOC has been issued with the Civil Airports as notified in SO 54(E). Applicant needs to seek separate NOC from Defence, if the site lies within jurisdiction of Defence Airport.

This certificate is issued for "HEIGHT CLEARANCE ONLY" with the approval of Competent Authority for Permissible Top Elevation 97.00 Mtrs.

(S.K. Dasgupta)
Jt. GM (ATM/NOC), WR.
For GM (Aero), WR.
Airports Authority Of India

Copy to :

1. The Executive Director(ATM), AAI, Rajiv Gandhi Bhavan, Safdarjung Airport, New Delhi-110003

2. GM(NOC)/Airport Director(Bundle).

3. Guard File

4. Asstt. Town Planner, Surat Urban Development Authority, Surat.

5. Airport Director, Airports Authority of India, Surat Airport, Dumas Road, Surat- 394 550.

6. The Dy. General Manager Vigilance.

ANJANA CHRISTIAN
MEMBER SECRETARY
SEIAA (GUJARAT)



Government of Gujarat

STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY
GUJARAT

No. SEIAA/GUJ/EC/8(a)/637/2018

Date: 28 JUN 2018

BY R.P.A.D
Time Limit

Sub: Environment Clearance for the Building Construction Project - "Shaligram Kinaro" at R.S.No.142, O.P.No 80/A+ 80/B, F.P.No.119, T.P.S.No 25 (Singanpor-Tunkli), Surat proposed by M/s. Sundram Corporation. Construction project in Category B (a) of Schedule annexed with EIA Notification dated 14/09/2006.

Ref: Your Proposal No. SIA/GJ/NCP/72555/2018.

Dear Sir,

This has reference to your application along with Form-I, Form-1 A dated 15/03/2018, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006. The project was scheduled for hearing in the SEAC meeting held on 17/04/2018. The project proponent submitted additional information / documents vide letter dated 10/05/2018 to the SEAC.

The proposal is for Environmental Clearance for the Building Construction Project - "Shaligram Kinaro" at R.S.No.142, O.P.No 80/A+ 80/B, F.P.No.119, T.P.S.No.25 (Singanpor-Tunkli), Surat proposed by M/s. Sundram Corporation. This is a proposed building construction project having plot area of 4,597.0 m² and the proposed FSI area of the project is 12,353.58 m² with proposed built up area of 23,961.75 m². As the built up area is >20,000 m² and <1,50,000 m², it falls in the category B(a) of the Schedule of EIA Notification, 2006.

The project will comprise of 03 numbers of buildings. No. of Blocks: 04. Scope of buildings/blocks are: Basement + Hollow Plinth + 1st floor parking + 2nd to 15 floors and No & size of Residential Units are: 104

The project activity is covered in 8(a) and falls in Category 'B'. Since the proposed project is in item no.8 of the EIA notification, 2006, it does not need Public Consultation as per Para 7(i) III. Stage (3) (d) - Public Consultation of EIA Notification, 2006.

The SEAC, Gujarat had recommended the project vide their letter dated 18/05/2018 to grant Environmental Clearance to the SEIAA, Gujarat based on the decision taken during SEAC meeting held on 11/05/2018. The proposal was considered by SEIAA, Gujarat in its meeting held on 21/06/2018 at Gandhinagar. After careful consideration, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September, 2006 subject to the compliance of the following conditions.

A. PROJECT SPECIFIC CONDITIONS:

A.1 CONSTRUCTION PHASE:

A.1.1 WATER:

1. Fresh water requirement during the construction phase shall be 15.0 KL/day and it shall be met through the water supply from Surat Municipal Corporation (SMC). No ground water shall be tapped during the construction phase.
2. Sewage generated during the construction phase shall be disposed off through drainage of Surat Municipal Corporation (SMC).

A.2 OPERATION PHASE:

A.2.1 WATER:

3. Total water requirement during the operation phase shall be 75.0 KL/day, out of which fresh water requirement of 43.0 KL/day shall be met through water supply system of Surat Municipal Corporation and the remaining 32.0 KL/day of water requirement shall be met through treated sewage. No ground water shall be tapped during the operation phase. Metering of the water shall be done and its records shall be maintained.

Sewage generation during operation phase shall be 58.0 KL/day which shall be treated in the proposed onsite Sewage Treatment Plant.

5. The project shall install and efficiently operate STP of adequate capacity for treating the sewage to be generated during operation phase to achieve the GPCB norms at the STP outlet. Treated sewage conforming to GPCB norms shall be utilized within premises for gardening & flushing purpose to the maximum extent possible. Only remaining quantity of treated sewage shall be disposed off through drainage line of Surat Municipal Corporation.



6. A proper logbook of STP operation and also showing the quantity of treated sewage utilization within premises & quantity of treated sewage discharged into the drainage line shall be maintained and furnished to the GPCB from time to time.
7. Dual plumbing system with separate tanks and lines shall be provided for utilization of treated sewage for flushing.
8. No bore well shall be constructed and existing bore wells shall be either sealed or converted into the recharge well.
9. Rain water harvesting from rooftop and paved areas and ground water recharge through 2 nos. of percolation wells shall be carried out as per the details submitted. Before recharging the run off, pre-treatment must be done to remove suspended matter.

A.2.2 AIR:

10. D.G. sets (4 x 62.5 KVA) proposed as backup power shall be of enclosed type and conform to prescribe standards under EPA rules. Necessary acoustic enclosures shall be provided at diesel generator set to mitigate the impact of noise.
11. The gaseous emissions from the D.G. Sets shall conform to the standards prescribed under EPA Rules as amended from time to time. At no time, the emission levels shall go beyond the stipulated standards.
12. The stack height of the D.G. sets shall be equal to the height needed for the combined capacity of all proposed D.G. sets.

A.2.3 SOLID WASTE:

13. The solid waste generated shall be properly collected and segregated at source. The biodegradable waste shall be converted into useful end product by treating it into the proposed onsite Organic Waste Converter and the recyclable waste shall be sold to vendors whereas the other garbage shall be disposed off properly as per the provisions made by the Surat Municipal Corporation (SMC).

A.2.4 SAFETY:

14. Fire fighting facilities like fire extinguishers on each floor & in the basement, wet riser opening at each floor, manually operated electric fire alarm system, hose reel, terrace water tanks of 15 KL capacity, underground water tank of 100 KL, smoke detectors etc. shall be provided as proposed.
15. All the staircases and lifts shall open out at ground level from the highest point of building (with access from each floor) for emergency evacuation. Two staircases shall be provided in each building having floor area more than 500 m² on each floor.
16. In basement at least two separate ramps of adequate width and slope shall be provided, located preferably at opposite ends.
17. Provision for adequate air changes per hour in the basement shall be made so as to avoid build up of CO in the area.
18. Car park exhaust system equipped with CO (Carbon Monoxide) sensor shall be provided to ensure operation of exhaust fans as CO concentration levels.

A.2.5 PARKING / TRAFFIC CONGESTION:

19. Minimum parking space of 5369.36 m² [2,162.78 m² in Basement + 1,603.29 m² in hollow plinth + 1,603.29 m² in First Floor] shall be provided as proposed.

A.2.6 ENERGY CONSERVATION:

20. Energy conservation measures viz. maximum utilization of natural light, roof-top thermal insulation, LED lighting fixtures in the common areas, appropriate design to shut out excess heat and gain loss, use of solar energy in external lighting (landscape lighting), use of aerated blocks etc. shall be implemented as proposed.

A.2.7 GREEN BELT:

21. Green belt area of 500.0 m² comprising of 294.0 m² tree covered area with 92 trees within premises shall be developed as proposed. The other open spaces inside the plot shall be suitably landscaped and covered with vegetation of indigenous tree species.

B. GENERAL CONDITIONS

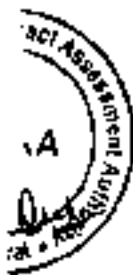
B1 PRE-CONSTRUCTION AND CONSTRUCTION PHASE:

22. Environment Management Cell shall be formed, which shall supervise and monitor the environment related aspects of the project during construction and operational phases in addition to observance of Gujarat Building and other Construction Workers (Regulation of Employment & Conditions of Service) Rules 2003.
23. Prior permission from the competent authority shall be obtained for cutting of the existing trees before site preparation work is commenced.
24. Water demand during construction shall be reduced by use of curing agents, super plasticizers and other best construction practices.
25. Temporary wind shield shall be done to prevent dust emission spreading outside the project premises. Barricade of adequate height shall be provided on the periphery of the construction site with adequate signages. Individual building within the project site shall also be provided with barricades.

26. Regular water sprinkling shall be done in vulnerable areas for controlling fugitive emission.
27. Material shall be covered during transportation to avoid the fugitive emission.
28. Uniform piling and proper storage of sand to avoid fugitive emissions shall be ensured.
29. Structural design of the project shall strictly adhere to the seismic zone norms for earthquake resistant structures.
30. The planning, designs and construction of all buildings shall be such as to ensure safety from fire.
31. The project proponent shall ensure maximum employment to the local people.
32. All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.
33. Provision shall be made for housing of construction labor within the site with all necessary infrastructure and facilities such as food for cooking, mobile toilets, mobile STP, safe drinking water, medical healthcare, crèches, electricity & ventilation, canteen, rest rooms, safe disposal system for garbage, first aid, medical and emergency facilities etc. to ensure that they do not ruin the existing environmental condition. The housing may be in the form of temporary structures to be removed after completion of the project.
34. Adequate personal protective equipments shall be provided to the construction workers to ensure their safety and the project proponent shall ensure its usage by the labours.
35. First Aid Box shall be made readily available in adequate quantity at all the times.
36. Training shall be given to all workers on construction safety aspects.
37. The project proponent shall strictly comply with the Building and other Construction Workers' (Regulation of Employment & Conditions of Service) Act 1996 and Gujarat rules made there under and their subsequent amendments.
38. The overall noise level in and around the project area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures, vibration dampers etc. on all sources of noise generation.
39. Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality shall be closely monitored during construction phase.
40. The noise generating equipments, machinery and vehicles shall not be operated during the night hours and shall be maintained properly to avoid generation of high noise due to wear and tear.
41. Use of diesel generator sets during construction phase shall be strictly with acoustic enclosure and shall conform to the EPA Rules for air and noise emission standards.
42. Safe disposal of wastewater and municipal solid wastes generated during the construction phase shall be ensured.
43. All topsoil excavated during construction activity shall be used in horticultural / landscape development within the project site.
44. Construction materials and debris shall be properly stored and handled to avoid negative impacts such as air pollution and public nuisances by blocking the roads and public passages.
45. Construction debris shall be reused in construction of roads, levelling the site etc. Waste packaging material (like used cement bags, waste paper, cardboard packing material), metal scraps etc. shall be sold to recyclers or shall be sent to the nearest municipal solid waste landfill site.
46. Excavated earth to be generated during the construction phase shall be utilized within the premises to the maximum extent possible and balance quantity of excavated earth shall be disposed off with the approval of the competent authority after taking the necessary precautions for general safety and health aspects. Disposal of the excavated earth during construction phase shall not create adverse effect on neighbouring communities.
47. Provisions of Construction & Demolition Waste Management Rules-2016 shall be strictly adhered to.
48. Vehicles hired for bringing construction material at the site shall be in good condition and conform to applicable air and noise emission standards and shall be operated only during day time and non-peak hours.
49. Project proponent shall ensure use of eco-friendly building materials including fly ash bricks, fly ash paver blocks, Ready Mix Concrete (RMC) and lead free paints in the project.
50. Fly ash shall be used in construction wherever applicable as per provisions of Fly Ash Notification under the E.P. Act, 1986 and its subsequent amendments from time to time.
51. Use of glass shall be minimal and only low emission glass shall be used in the project to reduce the electricity consumption and load on air conditioning.

R2. OPERATION PHASE AND LIFE TIME:

52. Low water consuming devices shall be provided. Fixtures for showers, toilet, flushing and drinking shall be of low flow either by use of aerators/diffusers or pressure reducing devices etc.
53. A water meter shall be installed on rain water harvesting & ground water recharge well system & compliance report of the same shall be submitted to concerned authorities.
54. Used oil shall be sold only to the registered recycler.
55. Provisions of Solid Waste Management Rules-2016 shall be strictly adhered to.



56. Requested fire fighting facilities as per the requirement of NBC and Gujarat Fire Prevention and Life Safety Measures Act-2013 along with the rules & regulations made there under shall be provided.
57. Underground fire water storage tanks and terrace water storage tanks of adequate capacity shall be provided as proposed. Adequate provision shall be made to ensure that water from the Fire Water Tank shall not be used for any other purpose.
58. Dedicated power back up system shall be provided in the case of power failure & emergency of fire water pumps.
59. First Aid Box shall be made readily available in adequate quantity at all the times.
60. Main entry and exit shall be separate and clearly marked in the facility.
61. Necessary emergency fighting system along with emergency power back up system shall be provided. Further, necessary auto glow signage at all appropriate places shall be provided to guide the people towards exits and assembly points during emergency.
62. Sufficient peripheral open passage shall be kept in the margin area for free movement of fire tender/ emergency vehicle around the premises.
63. The overall noise level in and around the project area shall be kept well within the prescribed standards by providing noise control measures including acoustic insulation, hoods, silencers, enclosures vibrations dampers etc. on all sources of noise generation including D.G.Sets. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act and Rules.
64. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.
65. Traffic congestion near the entry and exit points from the roads adjoining the proposed project site shall be avoided. No public space including the service road shall be used or blocked for the parking.
66. The project proponent shall install energy efficient devices, appliances, motors, and pumps conforming to the Bureau of Energy Efficiency norms.
67. The transformers and motors shall have minimum efficiency of 85%.
68. Only variable frequency motor drives shall be used in project.
69. Application of solar energy shall be incorporated for illumination of common areas, lighting for gardens and street lighting. In addition the provision for solar water heating system shall also be provided.
70. Use of glass shall be minimal to reduce the heat island effect as well as to reduce the electricity consumption.
71. The area earmarked as green area shall be used only for plantation and shall not be altered for any other purpose.
72. Drip irrigation/low volume, low angle sprinkler system shall be used for the lawns and other green area including tree plantation.
73. The project proponent shall inform to SEAC / SEIAA regarding the transfer of management responsibility to the Society / Association to be formed for the proposed project with all the supporting documents. The Society / Association formed for further management of the proposed project shall be responsible for compliance of all the conditions stipulated in the Environmental Clearance order.
74. Environmental Clearance granted for the project on the basis of documents related to land possession submitted shall become invalid in case the actual land for the project site turns out to be different from the land considered at the time of appraisal of the project and mentioned in the EC.
75. All other statutory clearances such as N.A. permission, approvals for storage of diesel from PESO, Fire Department, Airports Authority of India etc., if applicable, shall be obtained by the project proponent from the competent authorities.
76. All the conditions as may be stipulated in the N.A. order, Development permission, Building Use permission, NOC obtained from Fire Department etc., shall be strictly complied with.
77. The project management shall also comply with all the environment protection measures, risk mitigation measures and safeguards proposed by them.
78. All the commitments / undertakings given to the SEAC during the appraisal process for the purpose of environmental protection and management shall be strictly adhered to.
79. The project proponent shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose for the environmental protection and management.
80. All the terms & conditions prescribed in the amendment of EIA Notification - 2006 published by the MoEF&CC vide its Notification No. S.O. 3996(E) dated 8th December, 2016 shall be complied with letter & spirit.
81. The project proponent shall strictly comply with the Gujarat Building and other Construction Workers (Regulation of Employment & Conditions of Service) Rules 2003 as well as Gujarat Lifts & Escalators Rules as amended from time to time.
82. No further expansion or modifications in the project likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
83. The above conditions shall be enforced, inter-alia under the provisions of the water (Prevention & Control of



Pollution) Act-1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act-1986 and the Hazardous Wastes (Management Handling and Transboundary) Rules, 2008, Building and Other Construction Workers' (Regulation of Employment & Conditions of Service) Act-1990, The Gujarat Lifts and Escalators Act-2000 along with their amendments and rules

83 OTHER

84. The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.
85. The project proponent shall adhere to provisions made for Corporate Environment Responsibility "CER" in Office Memorandum dated 01/05/2018 by Ministry of Environment, Forests & Climate Change and its amendments from time to time in a letter and spirit.
86. The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
87. It shall be mandatory for the project management to submit half-yearly compliance report in respect of the stipulated pre- environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned and shall be uploaded on website of Gujarat Real Estate Regulatory Authority, on 1st June and 1st December of each calendar year.
88. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
89. The project authorities shall inform the GPCB, Regional Office of MoEF&CC and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory. This environmental clearance is valid for seven years from the date of issue.
90. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
91. Submission of any false or misleading information or data which is material to screening or scoping or appraisal or decision on the application makes this environment clearance cancelled.

With regards,
Yours sincerely,


(ANJANA CHRISTMAN)
Member Secretary



Issued to:

Mr. Rikunj B. Moradiya,
F.P.No.119, T.P.S. No 25 (Singanpor-Tunki),
Surat, Bh- Tapi Avenue,
Nr. Causeway, Surat- 39401

NARMADA WATER RESOURCES, WATER SUPPLY AND KALPSAR DEPARTMENT

નર્મદા, જળસંપત્તિ, પાણી પુરવઠા અને કલ્પસર વિભાગ

Executive Engineer, Drainage Division No.2, Surat

કાર્યપાલક ઈજનેર, ડ્રેનેજ વિભાગ નં.૨, સુરત

Opp: Chopati, Nr. MTB College, Athwalines,
Surat-395001.
Tel. (0261) - 2669596
E-mail : exdd2surat@gmail.com



ચોપાટી સામે ચેમ.ટી.બી. કોલેજની
બાજુમાં, યદવેશ્વર લાઇન્સ, સુરત-૩૯૫૦૦૧
ટેલી. (૦૨૬૧)-૨૬૬૯૫૯૬

જન/ડીડી-૨/પીબી-૩/૨/સિંગણપોર ટુંકી/વિકાસ પરવાનગી/ફા.૧૧૦/ઓ/૧૬૦૨ તા. -૦૬-૨૦૧૫

5 JUN 2015

પ્રતિ,
નગર નિયંત્રકશ્રી,
શહેર વિકાસ (મધ્યસ્થ) ખાતુ,
સુરત મહાનગરપાલિકા,
સુરત.

વિષય: પ્રિલી. ટી.પી. નં.૨૫ (સિંગણપોર-ટુંકી), મુળખંડ નં.૮૦/અ+૮૦/બ, અંતિમખંડ
નં. ૧૧૯ વાળી જગ્યામાં રજુ થયેલ વિકાસ પરવાનગીની અરજી બાબત.
સંદર્ભ: (૧) આપની કચેરીના પત્ર ક્રમાંક/ટીડીઓ/૭૫૮૨, તારીખ: ૧૭/૦૩/૨૦૧૫.
(૨) અધિક્ષક ઈજનેરશ્રી પત્ર ક્રમાંક/સુસિવ/પીબી-૫/તાપાવિ-સિંગણપોર-
ટુંકી/વિકાસ પરવાનગી/ફા.-૧૧૦/૧૫૮/૨૫૭૭, તા. ૧૧-૦૬-૨૦૧૫.

ઉપરોક્ત વિષય અન્વયે જણાવવાનું કે, આપની કચેરીના સંદર્ભ હેઠળના પત્રથી પ્રિલી.
ટી.પી. નં.૨૫ (સિંગણપોર-ટુંકી), મુળખંડ નં.૮૦/અ+૮૦/બ, અંતિમખંડ નં. ૧૧૯ વાળી જગ્યામાં રજુ
થયેલ વિકાસ પરવાનગી અન્વયે વિકાસ પરવાનગી આપવા બાબતની અરજી અત્રેની કચેરીને મળેલ છે. જે
બાબતે સંદર્ભ -૨ ના પત્રથી અધિક્ષક ઈજનેરશ્રી દ્વારા અભિપ્રાય પાઠવવા જણાવેલ છે. જે નીચે મુજબ
છે.

અત્રે રજુ કરેલ લે-આઉટ પ્લાન મુજબ હયાત પાણાનો રોડ તથા પાણાની જમીનમાં ફાઈનલ પ્લોટ
આપવામાં આવેલ છે પરંતુ ખરેખર સ્થળ સ્થિતિ મુજબ ફાઈનલ પ્લોટની બાઉન્ડ્રી ન ગણતા પાણાની
બિલ્ડીંગ કન્ટ્રોલ લાઈનને ટી.પી.સ્કીમની હદ તરફ ગણત્રીમાં લેવાની રહેશે. માંગેલ અભિપ્રાયના પત્ર સાથે
સામેલ ટી.પી. સ્કીમ નં.૨૫ (સિંગણપોર-ટુંકી) હયાત પાણા પર દર્શાવેલ સુચિત ૩૦ મીટરના રસ્તા અંગે
અત્રેની કચેરીની પૂર્વ મંજૂરી મેળવવામાં આવેલ નથી. પાણા ઉપર હયાત ૬.૦૦ મી. ના રોડ તથા પાણાની
સ્થિતિમાં વિભાગની પુર્વ મંજૂરી વગર કોઈપણ ફેરફાર કરવાનો રહેશે નહીં.

પ્રિલી. ટી.પી. નં.૨૫ (સિંગણપોર-ટુંકી), મુળખંડ નં.૮૦/અ+૮૦/બ, અંતિમખંડ નં.
૧૧૯ વાળા સ્થળે હયાત પાણા ૧૬.૧૦ મી. ના આર.એલ.પર બાંધવામાં આવેલ છે તેમજ માંગણીવાળા

સ્થળની જમીન સપાટી આર.એલ. ૧૧.૩૮ મી. છે. વર્ષ-૨૦૦૬ ના ઓગસ્ટમાં ઉકાઈ ડેમમાંથી છોડેલ ૯.૧૦ લાખ ક્યુસેક્સનાં પાણીના પ્રવાહના કારણે સદર સ્થળે 'મેથેમેટીકલ મોડેલ સ્ટડી' ના અહેવાલ મુજબ ૧૪.૩૧ મી. આર.એલ. નોંધાયેલ છે. ઉકાઈ ડેમની ૩૪૫ ફુટની સપાટીએ ઉકાઈ ડેમમાંથી ૧૩.૩૫ લાખ ક્યુસેક્સ પાણી ભવિષ્યમાં છોડવાનું થાય તે સંજોગોમાં માંગેલ અભિપ્રાયના સ્થળે પાણીની સપાટી ૧૭.૫૪ મી. ઉદભવી શકે તેમ છે. સદર બાબતને ધ્યાને લઈ પુરના પ્રવાહને અવરોધરૂપ ન થાય તે મુજબ બાંધકામની પરવાનગી આપવાની થાય છે તેમજ હયાત પાળાના "ટો" થી ૧૩.૦૦ મી. અંતર છોડીને બાંધકામ કરવાનું રહેશે તેમજ જે જગ્યામાં વિકાસ પરવાનગી માંગેલ છે તે જગ્યા પાળાની નજીક આવેલ હોવાથી આ પાળાની સંપાદિત જમીનનો વપરાશ કરવામાં નહીં આવે (સદર બાબતે વિકાસ પરવાનગી માંગનાર અરજદારશ્રી દેવાંગભાઈ જસમતભાઈ વિડિયા તથા દિનશેભાઈ દેવજીભાઈ સવાણી દ્વારા સ્ટેમ્પપેપર પર બાહેધરી આપવામાં આવેલ છે) તે બાબતે અરજદારશ્રીની આપેલ બાહેધરીને ધ્યાને લઈ, સદર પ્લોટને લાગુ આવેલ હયાતની "ટો" થી ૧૩.૦૦ મી. છોડેલ માર્જિનમાં કોઈપણ પ્રકારનું બાંધકામ ન થાય તે જોવાની જવાબદારી સુરત મહાનગરપાલિકા, સુરતની રહેશે. જેની જાણ થવા વિનંતી.

- બિડાણ:(૧) લે-આઉટ પ્લાન
(૨) પાળાની ડીઝાઈનનું સેક્શન અને
હયાત પાળાથી સુચવેલ અંતર
દર્શાવતું ડ્રોઈંગ
(૩) બાહેધરી પત્રક


કાર્યપાલક ઈજનેર
ડ્રેનેજ વિભાગ નં.૨
સુરત

નકલ રવાના પ્રતિ, નાયબ કાર્યપાલક ઈજનેરશ્રી, તાપી પાળા પેટા વિભાગ નં.-૩, સુરત તરફ જાણ સારૂ.

નકલ સાદર રવાના પ્રતિ, અધિક્ષક ઈજનેરશ્રી, સુરત સિંચાઈ વર્તુળ, સુરતના સંદર્ભ(૨) ના ૧૧-૦૬-૨૦૧૫ ના પત્ર અન્વયે તરફ જાણ સારૂ.



GETCO



GUJARAT ENERGY TRANSMISSION CORPORATION LIMITED

Executive Engineer (TR),
220KV Transmission Division, GETCO.
ONGC char rasta, Ichchapore,
Dis- Surat.

IPURE/TRDN/TECH/1079

Date: 05-06-2014

TO,
Shaher Vikas Adhikari Shri,
Surat muni-corporation,
Muglisara
Surat - 395003

SUB: N.O.C. in respect of T.P.Scheme No - 25(Singhanpor-Tunki), O.P.No. - 80/A, 80/B, F.P. No - 119 of village - Singhanpor, Surat N.O.C. From GETCO (G.E.B.) There of.

Ref: Your Office letter no. T.D.O./1113 Dated - 28-05-2014

Dear sir,

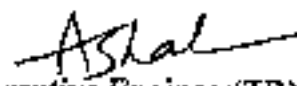
We are in respect of your application for N.O.C. from GETCO(G.E.B.). In this regard, it is to inform you that the said land has been visited by our field Engineer.

It is to bring to your notice that, Existing 66KV Ichchapore - Pala D/C line (Loc No. 22, 23 & 24) power line under GETCO(G.E.B.) transmission Div, Ichchapore is passing through the said land T.P.Scheme No - 25(Singhanpor-Tunki), O.P.No. - 80/A, 80/B, F.P. No - 119 of village - Singhanpor, Surat

Hence minimum clearance of 9.5 meters on both side from the center line. As marked in plan. Required clearance marked of safe working as per IE rules 1956 & IS 5613 Part-II/Section-II/C.E. Authority GEB/305 Mis.Gen/147 Dated 27-01-88. It is to left unconstruction. That is any type of construction work is not allowed under this belt. The party may please be informed accordingly.

Proposal is returned here with duly signed by the concern Engineer.

N.O.C. is hereby issued subject to fulfilling the above mentioned condition.


Executive Engineer(TR)
GETCO, Ichchapore