FALSE POINT LIGHTHOUSE MASTER LEDGER

FALSE POINT LIGHTHOUSE

2. *Sr. No. (A.L.O.L.)*   F 1006

3. *Position*   Lat. 20^0 19.43 N
Long. 86^0 44.50 E

4. *Elevation of ground*   6 m

*S. **Elevation of** tower*   26 m

6. *Characteristic*   F1 (2) W 20 Sec

7. *Range in nautical miles*

i)	Luminous	23.3 NM
ii)	Geographical	17 NM

8. *Lighthouse Tower*

i)	Type	Circular Masonry Tower
ii)	Height	32 m
iii)	Color Scheme	Red and White Band

9. *Optical equipment*

i)	Make	Mls B.B.T, Paris.
ii)	Size	250 mm (4th order small), revolving.
iii)	No. of Panels	2
iv)	Focal Length	250 mm
v)	R.P.M.	3
vi)	Duration of Flash	0.25 Sec
vii)	Illuminant	400W, 230V Metal Halide Lamp
v)	Divergence	4.56^0 (Horiz) & 9.12^0 (Vertical)
vi)	Luminous Intensity	1,32,500 cd

10. *innovation*   Innovation was carried out on Jan 1997. l000W/l l0V incandescent lamp was replaced by 400W/230V MH lamp.

11. *Lantern*

i)	Diameter	3.6 m
ii)	Height of glazing	3.2 m
iii)	No. of glass panes	48 Nos.
iv)	No. of Ventilators	8 Nos.

12. *Pedestal*   Mercury Float (22.5 Kg in use)

13. *Power supply*

    i) *Mains*   3 PH Mains supply, 440 V AC, 50Hz

    ii) *Standby*   Gensets (02 Nos.)

    A. *Details ofEngine*

Sl. No.	Engine Sl. No.	Make	BHP	No. of **Cylinder**	RPM	Cooling	Date of **Installation**
1.	02.8301/1620242	Kirloskar	20.5	02	1500	Air Cooling	16.01.2017
2	D4.1615/0900650	Kirloskar	20.5	02	1500	Air Cooling	06.02.2010

    B. *Details of Alternator*

SI. No.	**Alternator** SI. No.	Make	KVA	Voltage	**Current** (Amp)	Freq. (Hz)	Phase	RPM
1	CS180l5Kl4755H	Kirloskar	15	230	62.5	50	Single	1500
2	09H10123-H	Kirloskar	12.5	230	54.3	50	Single	1500

14.   *Other Equipments*

    i) Battery Charger   NIL

    ii) *Stabilizer*

Sl.No.	**Make**	**Type**	**Capacity**	**Input**	**Output**	**Date of Installation**
1	Delta elec. Corp. Thane	Servo Control	15 KVA	180-260V	230 V	10.10.2015
2.	Delta elec. Corp. thane	Servo Control	15 KVA	180-260V	230V	02.11.2014

    iii) *Inverter*

Sr. No.	**Particulars**	**Qty**	**Date of Installation**	**Purpose**
1	1.6 KVA, 24V DC (input), 230V AC (output), Sukam make	I No.	31.08.2015	For Light beacon

15.   Remote **Monitoring** and **Control** System

All equipments are remotely monitored by RCS at Paradeep and MCS at Deep Bhavan, Kolkata.

i) Main control Panel   1 No. installed at power house.
ii) Remote Panel   1 No. installed at service room.
iii) UPS   I No. I KVA, APC make placed inside main Panel.
iv) Communication   VSAT

| | iv) VSAT Antenna | | | l No. installed on roof top of power house. |
| | v) Modem | | | 1 No. placed inside main Panel. |

16. *Fire Extinguisher*

Sl. No.	Type	Capacity	Qty	Place of Installation
1	Foam	9 Litr	2 Nos.	One placed at service room and one at power house
2	DCP	5 KG	3 Nos.	One at Service room, one at PH and another one at Store room.
3	Fire Buckets	10 Litr	4 Nos.	Varandah of power house

17. *Water Supply*

Water is pumped from open well to the tank (1000 Ltrs) which is placed on ground by using 2 HP pump.

18. *Land*

     i) Area   26 Acre
     ii) Demarcation   Compound Wall.
     iii) No. of fruit trees   32
     iv) No. of non-fruit bearing trees   94

19. *Buildings*

14 One units of Inspection Quarters with Powerhouse, office & Store
15 One unit of HLK Qtrs,
16 2 Nos. ALK Qtrs.
17 2 LHA Qtrs.
18 9 Nos. Qtrs. available for Safaiwala, Dispensory Attendant, Driver, Sarang, garden attendant & a unit of seaman Qtrs.

20. *Contact Details*

   i.   Mobile No.   9437199435
   ii.   Office E-Mail   falsepointlighthouse@gmail.com
   iii.   Postal Address   False Point Lighthouse,
                                               PO — Barakolikhola, Dist. Kendrapara
                                              Odisha — 754 142.

21. *Mode ofApproach*

The station is connected through water channel, it takes approx. 1.5 Hrs from Atharabanky Ghat to Lighthouse. One has to reach the Lighthouse through Vessel. Nearest railway station is Paradeep, which is approx.. 20 km from False point lighthouse and nearest airport is Bhubaneswar which is approx. 170 km from Lighthouse.

22. *Facilities Available*

Post Office, Primary Health Center, Police Station and High School all are within 20 KM from False Point Lighthouse.