

मास्टर लेजर/MASTER LEDGER

पोरबंदर दीपस्तंभ और डी जी पी एस स्टेशन / Porbandar Lighthouse and DGPS Station

| क्रमसंख्या/ Sr.No | नाम /Name | विवरण/Discription | |
|----------------------|---|---|-------------------------------------|
| 1 | ए.एल.ओ.एल/A.L.O.L. | F 0400 | |
| 2 | स्थान/Position | Lat : 21°37' 19.56" N Long : 69°37' 11.78" E | |
| 3 | ऊंचाई/Elevation | 47.60 M (Above MSL) | |
| 4 | अभिलक्षण/Characteristic | Fl(1)W5 Sec. (0.25+4.75=5 Sec) | |
| 5 | नॉटिकलमाइलमेदूरी Range in miles | 19.8 NM | |
| 6 | दीपस्तंभटावर/L.H.Tower | Type | Round concrete Tower |
| | | Height | 41M |
| | | Colour Scheme | Black and White bands |
| 7 | ऑप्टिकलउपकरण Optical equipment | Optic | |
| | | Make | M/s.MEDITERRANEO SENALES MARITIMAS. |
| | | Type | MBR-300 |
| | | Size | |
| | | No. of lens | 6 |
| | | Area of dioptric portion | |
| | | Area of catadioptric portion | |
| | | Divergence Main/Emergency | 9° (Horizontal) 9° (Vertical) |
| | | Duration of Flash Main /Standby/Emergency | 5 Sec |
| | | Pedestal | Small GI trestle and GI pipe |
| | | Rotation Device | Stepper motor |
| | | R.P.M. | 2 |
| | | Illumining | 150W single CDM-T |
| | | Main | 230V/150W Metal Halide Lamp |
| | | Standby | |
| | | Emergency: | |
| | | Date of Installation | 22/08/2010 |
| 8 | प्रभावीबीमतीव्रता/Effective beam intensity | Main | |
| | | Emergency | |
| 9 | | Diameter | 3.0M |

| | | | | | | | | | |
|----------------------------|---|-----------|-----------------------|---------------------------------|----------------------|----------------|-----------------------|--------------------------|--|
| | लैंटर्न/ <i>Lantern</i> | | Height of glazing | 2.0M | | | | | |
| | | | No. of panes | 12 large (bottom)+12 Small(Top) | | | | | |
| | | | Ventilators | 11 | | | | | |
| 10 | RACON | | Sr. No | | | | | | |
| | Make | Model | Code | Band | Date of Installation | | | | |
| 11 | NAIS | | | | | | | | |
| | Base Station | | | | | | | | |
| | Model | Type | Power | MMSI | | | | | |
| | Communication Equipment | | | | | | | | |
| | VSAT Antenna | Band | Modem | | | | | | |
| | DGPS | | | | | | | | |
| | Transmitter Make | Frequency | Power Output | RS 1 ID | RS -II ID | Beacon ID | Date of commissioning | Date of Recapitalization | |
| | Nautel | 293KHz | 500W | 402 | 403 | 101 | 31/03/03 | 04/03/18 | |
| | | | | | | | | | |
| 12 | ऊर्जाकेसाधन/ <i>Source of energy</i> | | Mains | | 440V/3-phase/50 Hz | | | | |
| | | | Diesel Generators | | DG Set 25 KVA | | | | |
| | | | Engine | | | | | | |
| | | | Make/Type | Qty | Rating | No of Cylinder | RPM | Cooling | |
| | | | Eicher | 2 | 35.5HP | 3 | 1500 | Air | |
| | | | Alternator | | | | | | |
| | | | Make/Type | Qty | Rating | Voltage/Amp | Frequency | Phase | |
| | | | Crompton | 2 | 25KVA | 230V/104.00A | 50Hz | Single | |
| | | | Solar Plant | | | | | | |
| | | | Capacity PV | Numbers of Panels | Type of Panels | Battery | Bank | | |
| | | | 15 KWp ON Grid | 60 Nos | Mono Crystalline | NIL | NIL | | |
| | | | Solar Plant for RACON | | | | | | |
| | | | Capacity PV | Numbers | Type | Battery | Bank | | |
| | | | 70 Watt | 01 | | 01 | NIL | | |
| Solar Plant for Main Light | | | | | | | | | |
| Capacity PV | Numbers | Type | Battery | Bank | | | | | |
| 70 Watt | 01 | | 01 | NIL | | | | | |
| 13 | स्वचालितवोल्टेजस्टेबलाइजर <i>Automatic Voltage Stabilizers</i> | | | | | | | | |
| | Make | Model | Capa | Input | Output | Phase | Qty | | |

| | | | | | | | | | |
|----|--|---------------|----------------------------|--|-----------------|---------------|----------------|--------------|--------------------|
| | Serwel Electronics Pvt.Ltd | Servomax | 15 KVA | 170-270 VAC | 230 Volt | 1 | 3 | | |
| 14 | बैटरी Batteries | | | | | | | | |
| | Equipment | Type | Make | Volt | Amp/Hr | Qty | | | |
| | PSS NAIS | NIL | NIL | NIL | NIL | NIL | | | |
| | Genset | Lead acid | TATA | 12V | 88Ah | 2 | | | |
| | Automation | SMF | Powersafe | 12V | 12Ah | 2 | | | |
| | DGPS | SMF | Ameron-16Nos Exide-6Nos | 12V | 42Ah | 22 | | | |
| 15 | बैटरीचार्जर/ Battery charger | | | | | | | | |
| | Equipment | Make | Model | Type | Rating | Qty | | | |
| | General Purpose | Aplab | L3220 | | 0 to 20Amp | 3 | | | |
| | Automation | NIL | NIL | NIL | NIL | NIL | | | |
| 16 | इंवर्टरInverter /UPS | | | | | | | | |
| | Equipmen t | Nos | Make | Model | Type | Rating | Qty | input | out put |
| | Main Light | 1 | UTL | Combo + | --- | 800VA | 1 | 230V | 230 V |
| | NAIS PSS | 1 | APC | Pro-1000 | On Line | 1KVA | 1 | 230V | 230 V |
| | DGPS | 1 | APC | SRC 10KUXI | On Line | 10KVA | 1 | 230V | 230 V |
| | | 1 | APC | SRC3000 | On Line | 3KVA | 1 | 230V | 230 V |
| | | 1 | APC | Pro-1000 | On Line | 1KVA | 1 | 230V | 230 V |
| 17 | स्वचलनउपकरण Automation Equipment | | | | | | | | |
| | MAKE | PLC | HMI | Power Supply | VSAT | Modem | Band | | |
| | RDS | Allen Bradley | Renu | AC | NIL | Robust | NIL | | |
| 18 | आग्निशमनउपकरण Fire Fighting Equipment | | | Type of Extinguisher | Capacity | Nos | Make | | |
| | | | | ABC Type | 4 kg | 11 | | | |
| | | | | Water Co2 | NIL | NIL | NIL | | |
| | | | | Foam Type | NIL | NIL | NIL | | |
| 19 | संचार Communication | | | BSNL Land line with Broadband | | | | | |
| 20 | जलपूर्ति Water Supply | | | 2 inch water connection from Nagarpalika | | | | | |
| 21 | | | | Area | | | 1.125 hectares | | |

| | | | |
|----|--|---|--|
| | भूमि Land | Demarcation | Masonry compound wall on all the four sides |
| 22 | इमारतें Buildings | RCC Structure: 10 Nos | Inspection Quarter, Powerhouse, Three twin unit of NA &LHA Quarters' Quarter, AE Quarters' |
| 23 | कंपाउंडलाइट Compound Lights | 9 Nos. G.I. Poles with LED lamp fitted Gate Light-02 10 Nos Solar LED 9Watt street Light Gate lights – 2 Nos. 10 Nos Solar LED street Light | |
| 24 | सीसीटीवीकमेरा CCTV CAMERA | NIL NIL | |
| 25 | स्टाफ Staff | Sl. No | Designations |
| | | 1 | Senior Radio Technician |
| | | 2 | Navigational Assistant -II |
| | | 3 | Navigational Assistant -III |
| | | 4 | Light House Attendant |
| 26 | पहुँचनेकामाध्यम Mode of approach | Murram Road 400 meter from national Highway 52 | |

| | | |
|----|--|--|
| 27 | उपलब्धसुविधाए Facilities available | Post office, Police Station, Hospital and Highschool around 3 km from Lighthouse , |
| 28 | डाकपता Postal address | Assistant Engineer(E), Porbandar Lighthouse & DGPS station, Post- Birla Sagar, Dist-Porbandar, Pin- 360 576(Gujarat State) |
| 29 | मूल्यकाब्योरा Cost details (At the time of Construction) | 1) Construction : 16,41,524/- 2) Equipment : 21,96,200/- |
| 30 | प्रवर्तनमेलानेकादेनांक Date of commissioning | 30/11/1985 |