

OFFICE OF THE  
**REGULATED MARKET COMMITTEE**

BHADRAK

SALANDI BY-PASS ROAD,BHADRAK,PIN-756100

Notice No: 283

Date: 15.5.23

**TENDER CALL NOTICE**

Sealed tenders are invited from registered Firms/ Agencies/ Reputed Organizations for supply and installation of low Max Light (Solar) So, Interested Firms/ Agencies/ Reputed Organizations should submit their quotation (Technical as well as financial bids) along with all supporting documents H.T license MSME certificate and Udyam Adhar (should be one year older) also in sealed envelopes through Speed Post/ Regd. Post/ Courier to the office of Regulated Market Committee, Bhadrak, At: Salandi By-pass , P.o: Bhadrak, Via: Bhadrak, Dist: Bhadrak Pin: 756100 on or before 22.05.2023 up to 2.00pm. The detail terms and conditions are available in the office of Regulated Market Committee, Bhadrak <http://bhadrak.nic.in> incomplete application in any form will be summarily rejected. The sealed tenders shall be opened on 23.05.2023 at 3.00pm in the Office of the Regulated Market Committee, Bhadrak in the presence of Tender Committee members & bidders. The authority will not be responsible for any postal delay. The undersigned has reserves the right to reject or cancel any or all the tender without assigning any reason thereof.

- Cost of tender document Rs. 10,000/-(Ten thousand) Non- refundable (shall be in shape of demand draft issued from any nationalized bank located in the state of Odisha in favor of Secretary RMC, Bhadrak).

**Specification:**

Supply & installation of 8 Mtr long raising lowering type low max light suitable for 4 Nos of 60W Solar All in One street light each having initial lumen out put of >15000 Lumen (as per LM 79 report of third party NABL Lab), inbuilt Integrated solar panel - 180 Wp mono crystalline panel,12.8 Volts 96 Ah LiFePo4 Battery ,IP 65 protection , IK 07 ( Test reports third party NABL lab to be submitted to justify IP & IK of the solar light, MPPT Charge Controller having efficiency >92%,PIR Sensor , BMS and lense for better distribution of light. The AIO solar street light should provide 24 hrs (2 days) back up in dimming mode . The Solar light & Solar Panel must be manufactured in India and 5 years onsite warranty to be provided by the solar lighting company on the complete Solar light . The solar lighting manufacturer should have their own NABL accredited Laboratory and Toll Free Based service centers within 100 Km from the project site to provide immediate after sale service within 5 years warranty period. Necessary warranty certificate and other test reports to be submitted. The Solar light manufacturer must submit the lighting design within 15 Mtr radius along with the Bid. The hot dip Galvanized 12 sided polygonal

low max as per BSEN 1461 manufactured from HT steel as per S355 J0 /JR as per BSEN 10025 . The low max must be having bottom dia of 540mm (A/F) and top dia of 150 mm ( A/F) , Plate thickness of 4 mm or more as per (Structural calculation of mast) , AISI 316 grade S S Wire rope, double drum double gear Winch ( which can be operated without electric power supply) & other accessories including base plate as per IS 2062 including 12 nos. of M30x 850 mm long foundation bolts & it's accessories , The low max structure should be design to fix 4 nos. of 60 W AIO solar light by considering the wind expose area of lights & weights of each light to withstand wind speed of 200 KM per hour. The Lantern carriage should be design in such a way to fix 4 nos. Solar lights and it's mounting & support bracket in the lantern carriage and can be brought down easily for maintenance propose without any electric supply. The scope of work includes construction of M25 grade RCC foundation by considering SBC 10 T /Sq mtr as per the drawing of low max manufacturer and fixing the foundation bolts to install the low max with 4 nos. AIO solar lights by using suitable machinery by taking all safety precautions.

The following test reports must be submitted for the technical acceptance of the products .

1. EN50530 – MPPT Efficiency , 2.. IEC61547 , 3. IEC61000-3-2 – EMC , 4. IEC 60598-2-3 ,5. IEC 62109-1 , 6. LM 79 REPORT (Third party NABL lab only) , 7. IK 07 (Report of Third party NABL lab only for any wattage of AIO solar light ) , 8. IP 65 (Report of Third party NABL lab only for any wattage of AIO Solar light and G A Drawing, Structural calculation of low max manufacturer to justify the wind speed of 200 KM/HR by considering the weight and wind expose area of the solar street lights )

The Make of AIO Solar street light : PHILIPS/BAJAJ/Anchor  
PANASONIC/HAVELLS/CROMPTON/Wipro/or Equivalent

The Make of low max : UTKARSH/VALMOUNT/RR Ispat/BAJAJ/BPP/Utkal Galvanizers/or Equivalent

SL NO	NAME OF THE MARKET YARD	QUANTITY AND SPECIFICATION OF Low MAX POLE
1	Arnapal Market Yard under Bhadrak Block	1 NO 8mtr low Max Pole and 4 Nos. Of 60W solar light
2	Main Market Yard under Bhadrak Block	6nos. 8mtr low Max Pole and 24 Nos. Of 60W solar light
3	Asurali under Dhamanagar Block	1 no. 8mtr low Max Pole and 4 Nos. Of 60W solar light
4	Dhusuri under Dhamanagar Block	1 no. 8mtr low Max Pole and 4 Nos. Of 60W solar light
5	Betaligaon under Dhamanagar Block	1 no. 8mtr low Max Pole and 4 Nos. Of 60W solar light
6	Sahidnagar market Yard under Dhamanagar Block	1 no. 8mtr low Max Pole and 4 Nos. Of 60W solar light

7	Tihidi under Tihidi Block	2 no. 8mtr low Max Pole and 8Nos. Of 60W solar light
8	Paliabindha under Tihidi Block	1 no. 8mtr low Max Pole and 4 Nos. Of 60W solar light
9	Dolasahi under Tihidi Block	1 no. 8mtr low Max Pole and 4 Nos. Of 60W solar light
10	Nayakandihi market yard under Basudevpur Block	1 no. 8mtr low Max Pole and 4 Nos. Of 60W solar light
11	Bonth under Bonth Block	1 no. 8mtr low Max Pole and 4 Nos. Of 60W solar light

By order of Chairman, RMC, Bhadrak.

*Sanjaya*  
15.5.2023.

Secretary,  
Regulated Market Committee,  
Bhadrak.

Memo No- 284

Date: 15.05.23

Copy to DIO, NIC, Bhadrak for information with request to circulate the Tender Call notice in bhadrak.nic.in portal till last date of submission.

*Sanjaya*  
15.5.2023.

Secretary,  
Regulated Market Committee,  
Bhadrak.

Memo No- 286

Date: 15.5.23

Copy submitted to D.I & P.R.O Bhadrak for favor of kind information and recommend to 2Nos. of daily Odia news paper for wide publication of tender call notice.

*Sanjaya*  
15.5.2023

Secretary,  
Regulated Market Committee,  
Bhadrak.