

Department of Art, Culture & Youth,  
Directorate of Archaeology  
Vikash Bhawan-Room no.329  
Bailey Road  
Patna-800015

TENDER NO ...../

DATED...../2020

TENDER


DOCUMENT FOR :- Supply & Installation of L.E.D Solar High Mast Light at different  
Archaeological Sites in Bihar:-

Sl. no		No of Solar High Mast Light
1.	अलावल खँ का मकबरा (सासाराम)	2
2	तेल्हाड़ा उत्खनन स्थल (नालन्दा)	4
3	जार्ज ऑरवेल जन्मस्थली (मोतिहारी)	3
4	सोफा मंदिर (बेतिया)	4
5	मीरा विगहा (जहानाबाद)	4
	Total	17

DATE OF ISSUE OF TENDER FORM WITH DOCUMENT :

DATE & TIME FOR SUBMISSION OF TENDER DOCUMENT : 23-03-2020 by 5 P.M


The bidder/manufacture may submit their short term tender with required details, documents etc. on or before 5:00 PM on 23-03-2020 to the Director, Archaeology, Deptt. of Art Culture & Youth, Room No. 329, Vikas Bhawan, Bailey Road, Patna-800015. for details please visit [www.yac.bih.nic.in](http://www.yac.bih.nic.in)

  
I/c Director, Archaeology, Bihar  
Deptt of Art, Culture & Youth  
Room No. 329, Vikash Bhawan, new  
secretariat , Bailey Road,  
Patna&800015



## ELIGIBILITY CRITERIA

01. Manufactures of their authorized dealers/Indian subsidiaries/direct importers having a place of business in any of the States of India are eligible to participate in this tender.
02. The bidder/manufacture of the light offered should be in the business of the supply and installation of similar for the last three calendar years.
03. Bidder must enclose user list of the quoted items supplied in Govt./Pvt. Indtution /Hospitals in India and the atleast one installation mentioned by the manufacturer in their offer must be functional and performance certificate for the same issued by the user concerned also be attached with the offer.
04. The Bidder should be public undertaking/Autonomous Body/Public Ltd./ Pvt. Ltd. Company or proprietary firm and should be in light business since last three years in India. The Bidder having manufacturing facility in their name in India for the majority of the items offered by them shall be given preference.
05. The firm should be registered with under GST Tax.
06. The Bidder (manufacturer or their authorized agent) should have average annual financial turnover of Rs. 1 crore during the last three years ends 31-03-2019
07. Bidders who have the capability to attend repairs of the equipments within the time mentioned in this bidding document and who are willing to provide stand by equipment or replace the faulty equipment if the repair/down time extends beyond 48 hours from the time of reporting of the fault within the next 72 hours (total down time should not exceed 5 days in one instance). The bidders who have the capability to ensure the uptime mentioned in this document (Documentary proof shall be submitted on the after sales facilities and expertise of the bidder).
08. Firm/company has to give certificate /affidavit that Firm/company is not black listed
09. Firm/Company who have withdrawn after participating in any of the previous tenders of Patna are not eligible to participate in this tender. In this regard attached self attested/certificate.

  
I/c Director,  
Archaeology, Bihar



## SOLAR HIGH MAST

### SPECIFICATION

- High efficient 4 point LED streetlight/floodlight mounted atop of pole with 90<sup>0</sup> separation.
- Optics with highest quality lenses which give good uniformity and wider area coverage.
- Proper heat sink to take care of thermal management that maintains the desired life and lumen output of LED.
- LED chips with high lumen packages having longer life

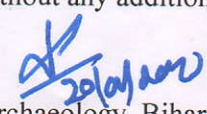
LIGHT SOURCE	80W
SOLAR PANEL	75W=7W(MONO)
PIR SENSOR	YES
IP6S	YES
LED LAMP LIFE	50000Hrs
BATTERY (Li-ion)	111V51Ah
CHARGE CONTROLLER	MPPT
CHARGE CONTROLLER EFF% ≥	≥ 90%
CRI	70
DIMENSION (MM)	1210X455X45
NET WEIGHT	25.8KG
EFFICACY	120Lm/Watt
VISUAL ANGLE	120 <sup>0</sup>
COLOUR TEMPERATURE	6000K-6500K
AUTONOMY	2 DAYS
CHARGING TIME	1 DAY
WORKING TEMPERATURE	-10 <sup>0</sup> TO +55 <sup>0</sup> C
INSTALL HIGH	8-10M
WARRANTY	2 YEARS

### SOLAR PV MODULE

- High efficiency poly-crystalline solar modules that are tested for longer durability.
- Modules should be available in wide watt power range suitable for different applications
- Modules should be designed for withstanding highly corrosive atmosphere and heavy wind loads Tested as per IEC 61701
- Solar panels IEC 61215, IEC 61730 (Safety class 1 & 11), IEC 61701 and CE

Pole height	Luminaire Rating	Solar PV (Mono)	Battery Capacity	Autonomy

After Installation company/Firm will have to maintain it for three years without any additional charge.

  
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