

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 11:00:00
Bid Opening Date/Time	27-07-2020 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Power
Department Name	Power Grid Corporation Of India Limited
Organisation Name	Power Grid Corporation Of India Limited
Office Name	Corporate Office Gurgaon
Total Quantity	20
Item Category	underwater lighting
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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### Splitting

Bid splitting not applied.

## Underwater Lighting ( 20 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	<b>Type of lamp</b>	LED	LED
	<b>Type of battery</b>	NiMh	NiMh
	Battery Voltage (Volt)	-	*
	Battery capacity (AH)	0	*
CONSTRUCTIONAL	Type of front glass	Toughened, scratch resistant	*
	One hand operated switch	Yes	*
	Built-in battery charger	Yes	*
	Short circuit protection	Yes	*
	Protection from battery over-discharge	Yes	*
	Protection from battery over-charge	Yes	*
	Protection against reverse polarity	Yes	*
	Provision of Lanyard/ strap	Yes	*
	Sea water/floodwater resistant material of housing	Yes	*
	Type of housing material	-	*
	Gross weight of torch in air (gms)	0	*
	Accessories such as spare lamp, battery, charger, lens to be supplied	Yes	*
FUNCTIONAL	Light output of torch (Lumen)	>/=700	*
	Wattage of lamp (watt)	-	*
	Color temperature (Degree K)	-	*
	Lamp life (hours)	50000	*
	Lamp dimming	Continuous	*

	Lamp dimming upto (%)	0	*
	<b>Beam angle selection</b>	Narrow	Narrow
	Range of Narrow beam angle (degree)	60	*
	Range of wide beam angle (degree)	120	*
	Effective distance to illuminate underwater (meter)	>/=2	*
	Continuous torch operation time at maximum lumen output (Hours)	>/=2	*
	Battery charging time (hours)	</=5	*
	Operational depth under water (IN Metre)	-	*
CERTIFICATIONS	Availability of Type test report from Central government/NABL/ILAC accredited laboratory to prove conformity to the specification	Yes	*
	Test report number	-	*
	Date of test report	-	*
	Test report for water proofness of torch at Max. depth	Yes	*
	Name and address of laboratory	-	*

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Sudeep Kumar	800023,POWERGRID CORPORATION OF INDIA LIMITED, Eastern Region-I Headquarter (ER-I RHQ), Board Colony, Near	20	30

	Transformer Repair Works, Shastri Nagar, Patna, Bihar 800023	
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### **Bid Specific Additional Terms and Conditions**

1. Scope of supply (Bid price to include all cost components) : Only supply of Goods
2. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
3. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**