

### Bid Document

Bid Details	
Bid End Date/Time	22-07-2020 14:00:00
Bid Opening Date/Time	22-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Secr
Total Quantity	12
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	Past Performance *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
Past Performance	80 %
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.

1. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## Underwater Lighting ( 12 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)	450	*
	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)	45000	*
	Lamp dimming	Continuous	*
	Lamp dimming upto (%)	100	*
	<b>Beam angle selection</b>	Wide	Wide
	Range of Narrow beam angle (degree)	38	*
	Range of wide beam angle (degree)	60	*
	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	Raiya Satya Narayan	495004,Office of SSEE/G/BSP (Senior section electrical engineer) near bilaspur railway station	12	15

### **Bid Specific Additional Terms and Conditions**

1. 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.

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

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