

### Bid Document

Bid Details	
Bid End Date/Time	18-07-2020 18:00:00
Bid Opening Date/Time	18-07-2020 18:30:00
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	Central Railway Hq Stores Deptt.
Total Quantity	8
Item Category	portable emergency lighting sysetem
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
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.

### Portable Emergency Lighting Sysetem ( 8 pieces )

### Technical Specifications

\* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	<b>Availability of Patent rights from Shri SANJEEV MITAL banjarahills, Hyderabad, who have purchased Patent Right in India for Inflatable Emergency Lighting System vide Patent No. 191538 Dt-16.02.1999 shri GUIDO MEDICI of E.I.L System Italy</b>	Yes	Yes
	License No. from Patent Holder. (Copy of License shall be furnished to buyer on demand)	-	*
	Date	-	*
	Model No	-	*
CONSTRUCTIONAL	<b>Recoil Starting Portable AC Generating Set Comprising AC Generator rated VA 230V 1 Phase of unit Power Factor Conforming to IS: 13364 part 1/92 and petrol Run air Cooled 4 Stroke 1 cylinder engine with resettable circuit breaker in the AC output</b>	Yes	Yes
	<b>Generator Power Output (VA) (Type test for alternator as per IS13364part1 1992 Reaffirmed 2003 excluding tests as per clause 20 4 1 b d e, m and p of IS:13364 pt 1 1992 and for Engine as per clause 9 point 1 of IS 7347/1974 Reaffirmed in 2006)</b>	1200	1200

<b>Fuel tank capacity for continuous running of Genrating set for 8 hours.</b>	Fuel tank capacity for minimum 10 hrs running	Fuel tank capacity for minimum 10 hrs running
<b>A fuel level indicator should be on display panel</b>	Yes	Yes
<b>Outside Wind Speed at which the balloon shall remain erected. (km/hr)</b>	45	45
<b>Radius up to which min. lux value of 1 shall be available after 5 minutes of Starting. (meter)</b>	55	55
<b>Base Plate: - Sheet Thickness of Aluminium Base Plate. (mm)</b>	3	3
Ingress protection rating of the Inflated tower as per IS:10322 Part 1/82	IPX5	*
<b>No. of compressors/air blowers of suitable rating (Nos)</b>	Two	Two
Cylindrical shaped Balloon made of suitable polyster based cloth to ensure light emission with minimum loss and shall be waterproof and strengthened with flexible stiffereners to sustain inside air pressure and to remain erected against outside wind	Yes	*
<b>Lamp Lumens. (lumen)* hint: Minimum Lumens. (hint: In case of LED, LM 80 and LM79 reports shall furnish to the buyer / consignee on demand)</b>	42000	42000
Moulded fibre glass/suitable material	Yes	*

of top cover designed to fasten the tower balloon by steel strip to avoid air leakage at joints and nipple/hole provided for filling air in balloon and support for it to remain erect at wind speed of 45 kmph		
<b>The System shall be suitable for continious running for 8 hours, without adversaly affecting the components.</b>	Suitable for minimum 10 hours	Suitable for minimum 10 hours
<b>Overall dimensions in deflated condition nominal (mm)</b>	600 x 450 x 500	600 x 450 x 500
<b>Control Gear shall be suitable designed and fitted with MCB, lamp ballast, ignitor , capacitors, changeover and on/off switches with indicating lamps for controlling HPMH lamp and air blowers.</b>	Yes	Yes
The Inflated tower only shall be rain proof	Yes	*
<b>Lamp wattage (watt)</b>	400	400
<b>Base Frame shall consist of MS tube frame and a base plate of aluminium sheet of thickness to support generating set and control gear box and shall be provided with anti vibration rubber pads. M.S. Parts shall be powder coated.</b>	Yes	Yes
Maximun Deflation time including repacking time (minute)	5	*
The length of nylon rope supplied for the stays. (meter)	5	*

	<b>Max total weight of complete system (excluding storage box) (kgs)</b>	50	50
	<b>Balloon height in inflated condition from base plate. . (meter)</b>	4.5	4.5
	<b>Maximum Time Taken to Inflate the balloon (sec)</b>	60	60
	<b>Rope dia (mm)</b>	3	3
	<b>No. of Rope (Nos)</b>	3	3
	<b>High pressure Metal Halide; lamp shall be mounted inside the balloon at the top end such that it goes up/down while inflating and deflation.</b>	Yes	Yes
	System also work on 220/230V 50 Hz AC mains with provision for 3-pin socket Rating and a suitable lead wire with plugs at both ends. (Amp)	Yes	*
CERTIFICATIONS	Availability of test reports from Central Govt or NABL/ILAC accredited Lab to prove conformity to the specn.Type test Reports consist of verification of all the feature and functional parameters,luminaire with IPX5 protection asper IS10322part1 1982	Yes	*
	Test report date	-	*
	Test report no	-	*
	Name of lab	-	*
	Address of the lab	-	*
ACCESSORIES	<b>Accessories Part of supply with the main equipments</b>	Yes	Yes
	<b>Puncture Repair Tape Size 10cm x 10</b>	Yes	Yes

<b>cm</b>		
<b>Lamp with requisite control gear (Nos)</b>	One No	One No
<b>Lamp with requisite control gear (in numbers)</b>	One number each of Lamp, Ballast and Igniter	One number each of Lamp, Ballast and Igniter
Tool Kit Consisting of one number each of screw driver plug spanner and nut drive	Yes	*
Puncture Repair Tape (in Nos)	03 Nos.	*
Number of blower (in numbers)	One No.	*
Storage Box Suitably designed to accommodate the tower and other spare and easy to handle with proper locking arrangements (Nos)	One No	*

\* 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	Suhas Dattatray Ghadge	413001,DRM OFFICE CENTRAL RAILWAY SOLAPUR	8	30

#### Bid Specific Additional Terms and Conditions

1. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

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

---Thank You---