

### Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 09:00:00
Bid Opening Date/Time	20-07-2020 09:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Air Force
Office Name	*****
Total Quantity	2
Item Category	portable emergency lighting sysetem
Experience Criteria	1 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,OEM Authorization Certificate *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	Yes
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. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM

{themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

## Portable Emergency Lighting Sysetem ( 2 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	Yes	*

wind		
<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 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	Yes	*
<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</b>	Yes	Yes

	<b>vibration rubber pads. M.S. Parts shall be powder coated.</b>		
	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 condtion 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 cm</b>	Yes	Yes
	<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	*****	*****GORAKHPUR	2	30

#### Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

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

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