

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 14:00:00
Bid Opening Date/Time	27-07-2020 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	Central Railway Hq Stores Deptt.
Total Quantity	1
Item Category	Emergency lighting and accessories (PORTABLE EMERGENCY LIGHTING SYSTEM Tower type With AC Genset)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	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	No
Inspection Required	No
Estimated Bid Value	129800

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Emergency Lighting And Accessories (PORTABLE EMERGENCY LIGHTING SYSTEM Tower Type With AC Genset) (1 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Portable emergency lighting system consisting one Gen set, Tower/Telescopic collapsible mast/Vertical mast, LED Luminaire, Supporting kits, Tool Kits, Storage box for tool kit (Tool kit list to be furnished by seller at the time of supply)	Yes	*
	Rating of Generator set (in KVA) (Minimum)	2.0 KVA	1.0 KVA, 2.0 KVA
	Number of cylinder in the Engine	3 Cylinder	2 Cylinder, 3 Cylinder, 1 Cylinder
	Minimum continuous working hours	4 hours	4 hours, 8 hours
	Gen set fuel tank capacity (Minimum) - in litres	20 litres	3 litres, 20 litres
	Type of fuel	Petrol	Petrol, Diesel
	Minimum System Lumens	20000	*
	IP rating of LED Luminaire	IP65	*
TOWER CONSTRUCTION	Ruggedised Storage Box for main equipment	Yes	*
	Minimum height of Tower/Telescopic collapsible mast/Vertical Mast with light source (in meters from base ground level)	4	4
	Material of Tower/Telescopic collapsible mast /Vertical Mast	Mild steel	Aluminium, Mild steel
	Minimum thickness of Tower/ Telescopic collapsible mast/Vertical Mast material (+/-5%)	3 mm	*
	Method of step up and step down of Tower/ Telescopic collapsible mast/Vertical Mast	Manual	*
	Step up and step down time of Tower/ Telescopic collapsible mast/Vertical Mast	</=2 Minutes	*
	The strength of the Tower/ Telescopic collapsible mast/Vertical Mast tower is to provide support for it to remain erect at wind speed of	40 km/hr	*
GENERATOR SET CONSTRUCTION	Generator Set: Recoil start portable AC Generating set	Yes	*

	comprising AC Generator with declared rating 230 V Single Phase of unit power factor conforming to IS:13364 (Part 1/92) and petrol run air cooled four stroke single cylinder engine with resettable circuit breaker in the AC output		
	Type of mounting	With out trolley	With out trolley, With trolley
	Engines shall conforming to IS:7347/1974 (Reaffirmed in 2006) latest	Yes	*
	Alternator shall conforming to IS: 13364 (Part 1)/1992 (Reaffirmed 2003) latest	Yes	*
	System should work on 220/230V, 50 Hz AC supply and for connecting to the mains shall have provision for 15 Amps 3 Pin/2 pin Socket and a suitable lead wire with plugs at both ends	Yes	*
LED LUMINAIRE CONSTRUCTION	LED Luminaire conformity to IS:10322/Part 5/Section 5/2012 latest and IS: 16107 (Part 2/Sec 1):2012 latest	Yes	*
	Photo biological safety of LEDs used shall be as per IS:16108/2012 (exempt group)	Yes	*
	LED Modules as per the IS: 16103(Part-2)/2012	Yes	*
	Luminaire System Efficacy (Lumen/watt)	>= 100 Lm/Watt	*
	LED chip Efficacy	≥130 Lm/Watt	*
	Colour temperature (+/-500K)	5000K	*
	Working life for LED (Minimum 50,000 burning hours as per LM-80 report)	>= 50,000 burning hours	*
	Colour Rendering Index(CRI)	≥70	*
	Optic lense materal (UV stabilised)	Poly carbonate lense	*
	The Luminaires casing/housing (single piece housing) shall be pressure die casted aluminium alloy with higher thermal conductivity	Yes	*
	The luminaire body must be corrosion resistant powder coated	Yes	*
	All fastners must be of stainless steel	Yes	*
	Extruded silicon loop gasket shall be provided to ensure	Yes	*

	a weather proof seal between the UV Glass cover and the metal housing to exclude the entry of the dust, water, insects etc.,		
	Luminaries light transparency should be of Toughened glass	Yes	*
	Toughened transparent glass cover thickness	>/=4 mm	*
	Toughened Glass shall not get discoloured shall not suffer degradation due to heat and ageing within warranty period	Yes	*
	Heat sink should be die-cast aluminium along with sufficient heat sink fins to dissipate heat effectively	Yes	*
	Operating temperature range	-10 deg C +50 deg C	*
	"Manufactures Name and and brand on the aluminium die cast body "	Engraved/Embossed	*
	Date of manufacture (month-year), and lot number as identification mark inside of each unit	Yes	*
REPORTS AND CERTIFICATIONS	Availability of type test reports from Central Government Laboratory/NABL Accredited/ILAC Laboratory for complete Portable emergency lighting system including for Engine, Alternator and Luminaires as per relevant IS specifications as applicable	Yes	*
	Luminaire System must have EMI/EMC compliance as applicable (Test reports shall be furnish on demand by buyer/consignee)	Yes	*
	Availability for LM 79 (Photometry) (Ref.IS:16106:2012) report from Central Government /NABL/ILAC accredited lab. (Reports shall be furnish on demany by buyer /Consignee)	Yes	*
	Availability of LM 80 & TM 21 (Ref. IS:16105:2012) Report and Photo biological report for LED report from Central Government /NABL/ILAC accredited lab. (LM-80 report shall have the Pohoto Biological report of the LED Chip being used in the luminaire) (Reports shall	Yes	*

	be furnish on demany by buyer /Consignee)		
	LED Luminaire shall have Complusory Registration(CRS) of BIS for safety as per IS 10322 (Part 5/Section 5): 2012 or as applicable for portable emergency lighting system as applicable as on date	Yes	*
	Total Weight of complete system (Must declare) in Kg	</=5 Kg	*
	Warranty for complete system	1 Year	*

* 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	Nishith Kumar Mall	423104,CHIEF ENGINEERING WORKSHOP, MANMAD	1	30

Bid Specific Additional Terms and Conditions

1.Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

---Thank You---