

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 16:00:00
Bid Opening Date/Time	23-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Karnataka
Department Name	Urban Development Department Karnataka
Organisation Name	Karnataka Urban Infrastructure Development And Finance Corporation (kuidfc)
Office Name	Davanagere Smart City Limited
Total Quantity	1
Item Category	Emergency lighting and accessories (Portable Emergency Lighting System Tower type with Battery Bank
Bidder Turnover (Last 3 Years)	1 Lakh (s)
OEM Average Turnover (Last 3 Years)	7 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,OEM Authorization Certificate,OEM Annual Turnover *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	50 %
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. 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.
2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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.

Emergency Lighting And Accessories (Portable Emergency Lighting System Tower Type With Battery Bank (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	Portable emergency lighting system consisting Rechargeable Battery Bank , Charging unit with charging cables, , Mobile (from vehicle) charging kit and cables, Tower/Telescopic collapsible mast/Vertical mast, LED Luminaire,	Yes	*

	Supporting kits, Tool Kits,		
	Type of battery	Rechargeable	*
	Chemistry of battery	SMF Lead acid battery	SMF Lead acid battery, Lithium ion
	Battery capacity (minimum)	12 Ah	*
	Minimum continuous working hours	2 hours	2 hours, 4 hours, 8 hours, 10 hours, 12 hours, 18 hours
	Minimum System Lumens	3000	*
	IP rating of LED Luminaire	IP54	IP54, IP65, IP66, IP67, IP68
	Ruggedised Storage Box for main equipment	Yes	*
TOWER CONSTRUCTION	Minimum height of Tower/telescopic collapsible mast/Vertical Mast with light source (in meters from base ground level)	2 metre	1 metre, 2 metre, 3 metre, 4 metre, 5 metre, 6 metre, 8 metre
	Material of Tower/lelescopic/Vertical Mast	Fiber	Aluminium, Mild steel, Galvanised Iron, Fiber, Stainless steel
	Minimum thickness of Tower/lelescopic collapsible mast/Vertical Mast material (+/-5%)	4 mm	3 mm, 4 mm, 5 mm, >5 mm
	Method of step up and step down of Tower/lelescopic/Vertical Mast	Winch mechanism	Pnumatic, Hydraulic, Motorised, Winch mechanism
	Step up and step down time of Tower/lelescopic/Vertical Mast	</=30 sec	*
	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	20 Km/hr, 40 km/hr, 50 Km/hr, 80 Km/hr
BATTERY CONSTRUCTION	Number of battery	1	1, 2, 3, 4, 6, 8, 10, 12, 16, 20

Battery voltage	12 Volt	*
Battery bank construction shall have inbuilt charging arrangement with charging cables	Yes	*
System must have Battery charging arrangement with AC power source input and with DC power source input with necessary cables	Yes	*
Additional charging cable and kits for battery charging from automobile vehicles (Mobile charging option)	Yes	*
Warranty card for battery	1 Year	1 Year, 2 Years, 3 Years, 4 Years, 5 Years
System shall also work on 220/240V, 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)	4000K
	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 material (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	*
Protection of the entire housing (both LED section and driver section) as per IS:10322 (Part 1):1982 latest	IP67	IP66, IP67
Extruded silicon loop gasket shall be provided in the lantern body to ensure a weather proof seal between the UV Glass cover / polycarbonate and the metal housing to exclude the entry of the dust, water, insects etc.,	Yes	*
Luminaries light transparency should be of Toughened glass	Yes	*
Toughned transparent glass / poly carbonate cover thickness	>/=4 mm	*
Toughned Glass / polycarbonate shall not get discoloured shall not suffer degraation 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	-20 deg. C to +50 deg. C	-20 deg. C to +50 deg. C, -10 deg C to +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 each unit and the outside of each packaging box	Yes	*
	REPORTS AND CERTIFICATION		
	Availability of type tet 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	Yes	*

	Biological report of the LED Chip being used in the luminaire		
	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 on date	Yes	*
	Total Weight of complete system (Must declare) in Kg	<=50 Kg	*
	Warranty for complete system	1 Year	1 Year, 2 Years, 3 Years, 4 Years, 5 Years
	Storage battery shall have Complusory Registration(CRS) of BIS as per IS 16270 : 2014 as applicable as on date	Yes	*

* 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	Prashanth H Y	577004,#1776/A85/A86, Siddaveerappa layout, Shamanur Road, Davanagere	1	30

Bid Specific Additional Terms and Conditions

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. **Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance: Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): REQUIRED
Post Receipt Inspection at consignee site before acceptance of stores: REQUIRED

3. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
6. **Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

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

---Thank You---