

### Bid Document

| Bid Details  |  |
|--|--|
| Bid End Date/Time                                      | 07-10-2019 17:00:00                              |
| Bid Life Cycle (From Publish Date)                     | 90 (Days)  |
| Bid Offer Validity (From End Date)                     | 30 (Days)  |
| Ministry/State Name                                    | Pmo  |
| Department Name  | Department Of Atomic Energy                      |
| Organisation Name                                      | Uranium Corporation Of India Limited             |
| Office Name  | Kadapa   |
| Total Quantity   | 1000   |
| Item Category  | Light Emitting Diode LED Fixture- LED tube light |
| MSE Exemption For Years Of Experience And Turnover     | Yes  |
| Startup Exemption For Years Of Experience And Turnover | No   |
| Bid to RA enabled                                      | No   |

### Light Emitting Diode LED Fixture- LED Tube Light ( 1000 pieces )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

| Specification  | Specification Name   | Values             | Bid Requirement (Allowed Values) |
|----------------|--|--------------------|----------------------------------|
| GENERIC        | <b>Led tube light power rating corresponding Min Luminous flux</b> | 18 Watt/1800 lumen | 18 Watt/1800 lumen               |
|                | <b>Colour Temperature (K)</b>                                      | 5700               | 5700                             |
|                | <b>Warranty for free replacement (Years)</b>                       | 2 years            | 2 years                          |
| CONSTRUCTIONAL | Type of Tube Light Cap   | G-13 Bi-pin        | *                                |
|                | Ingress Protection in IP   | IP 20              | *                                |
|                | <b>Lamp Shell material</b>   | Polycarbonate      | Polycarbonate                    |
|                | LED Fixture With Al  | Without            | *                                |

|            |  |                  |   |
|------------|--|------------------|---|
| FUNCTIONAL | back, front with polycarbonate/Acrylic diffuser more than 85%efficiency of lig   |                  |   |
|            | Light Source   | SMD LED Chip     | * |
|            | LED Make   | -                | * |
|            | Length of tube light (Nominal) (in mm)   | 1220             | * |
|            | LED lamp efficacy (Lm/W)   | 100              | * |
|            | Colour Rendering Inde (CRI)  | > / = 80         | * |
|            | Total Harmonics (%)  | < / = 15%        | * |
|            | LED Tubelight Life of 25000 hours predicted as per TM21 Report on Data obtained as per test conducted for 6000 hours as per LM80   | Yes              | * |
|            | Temperature Cycling test and supply voltage switching test (1) product shall be subjected to minus 10 degree C for 1 hour then switch to 50 degree C for 1 hour in total 5 cycles (2)30 sec ON and 30 sec Off At the end of test as per (1) and (2) no visual damage shall be observed and light should alight for more than 15 min after the test | Yes              | * |
|            | Beam Angle (Degree)  | > / = 120 degree | * |
|            | Operating Voltage range (Volt)   | 100-300          | * |
|            | Driver Efficiency (%)  | more than 85%    | * |
|            | Surge Voltage withstand (KV)   | 2.5 KV           | * |
|            | LED Chip Efficacy (Lm/W)   | 130              | * |
|            | Rated Voltage for Performance and life (Volt)  | 220-240          | * |
|            | Lumen Maintenance at   | 80%              | * |

|                |   |           |   |
|----------------|---|-----------|---|
|                | 25 deg;C after 6000 hrs (%)   |           |   |
|                | LED Chip Wattage (Individual) (Watt)  | 0,25      | * |
|                | Power Factor  | > / = 0.9 | * |
| CERTIFICATIONS | BIS Registration certificate under (CRS) number and date                      | -         | * |
|                | Certificare for Luminaire photometric data as per LM79                        | Yes       | * |
|                | Certificate No and Date of Luminaire photometric data as per LM 79 report     | -         | * |
|                | Compulsory Registration and CRS of BIS for safety to IS 10322 Pt 5 Sec 1 2012 | Yes       | * |
|                | EMC Test  | 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.

#### Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address  | Quantity | Delivery Days |
|-------|-----------------------------|--|----------|---------------|
| 1     | Satish Chandra Bitra        | 516349,CHIEF CONTROLLER OF PURCHASE, URANIUM CORPORATION OF INDIA LIMITED, MC PALLE (POST), VEMULA (MANDAL), YSR KADAPA DISTRICT, AP | 1000     | 30            |

#### EMD Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

#### ePBG Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

#### Splitting

Bid splitting not applied.

#### MSE Purchase Preference

|                         |     |
|-------------------------|-----|
| MSE Purchase Preference | Yes |
|-------------------------|-----|

**Special terms and conditions for category Light Emitting Diode LED Fixture- LED tube light**

- 1) LED Tube Light with Fixture includes its complete fittings

**Buyer 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---**