Rate Contract Tender document for
Supply & Installation of
LED Tube Lights, LED Ceiling Lights,
LED Down Lights &
Energy Efficient Fans

NAME OF FIRM:______________________________________________________________________________

Tender notice No:TSREDCO/EC/RC for LED Lights & Fans/70/2018-19,
Dated.21.05.2018

Telangana State Renewable Energy Development Corporation Ltd
(TSREDCO)
D.No. 6-2-910, Visvesvaraya Bhavan, II floor
The Institution of Engineers Building, Khairatabad, Hyderabad - 500 004.
Telangana State, India
Tel Nos. 040 - 2320 1502, 2320 1503, Fax No. 040 - 2320 1504
E-mail : ec@tsredco.telangana.gov.in
Web site: www.tsredco.telangana.gov.in
Rate Contract Tender for
Supply & Installation of LED Tube Lights, LED ceiling Lights, LED down lights & Energy Efficient Fans

Sealed tenders are invited on rate contract basis for empanelment for the Supply & Installation of
1. LED Tube Lights,
2. LED ceiling Lights
3. LED down lights &
4. Energy Efficient Fans
from reputed suppliers/manufacturers. The interested manufacturers/suppliers are required to submit details of proposal for the above assignment as per formats provided at Part-IV & V. Please write prominently on the envelope the subject i.e. “Rate Contract Tender for Supply & Installation of LED Tube Lights, LED ceiling Lights, LED down lights & Energy Efficient Fans”.

Your proposal should reach the following address on or before 31.05.2018, by 3.00 PM

The VC & Managing Director,
Telangana State Renewable Energy Development Corporation Ltd (TSREDCO)
D.No. 6-2-910, Visvesvaraya Bhavan, II floor
The Institution of Engineers Building,
Khairatabad, Hyderabad - 500 004.
Telangana State, India
## Contents

**PART – I: GENERAL DETAILS** ........................................................................................................ 5
  Bid Information Sheet ................................................................................................................ 7

**PART – II: INSTRUCTIONS TO TENDERERS** ........................................................................... 9
  1. Introduction ................................................................................................................................. 10
     1.1 General Information ............................................................................................................... 10
     1.2 General Terms and Conditions: ........................................................................................ 12
  2. The Tender Document .............................................................................................................. 13
     2.1 Content of Tender Document ............................................................................................ 13
     2.2 Information required with the Proposal ............................................................................ 13
     2.3 Clarification of Tender Document ...................................................................................... 13
     2.4 Amendments in Tender Document .................................................................................... 13
  3. Preparation of Tender ............................................................................................................... 14
     3.1 Language of Tender and Measure ...................................................................................... 14
     3.2 EMD and Contract Performance Security ......................................................................... 14
     3.3 Period of Validity of Tender ............................................................................................... 15
     3.4 Formats and signing of Tender ........................................................................................... 15
     3.5 Price and Currencies .......................................................................................................... 16
  4. Submission of Tender ................................................................................................................ 16
     4.1 Sealing and Marking of Tender ........................................................................................... 16
     4.2 Deadline for Submission of Tender ..................................................................................... 17
  5. Tender Opening and Evaluation .............................................................................................. 18
     5.1 Opening of Tender ............................................................................................................... 18
     5.2 Clarifications regarding the submitted Tenders .................................................................... 18
     5.3 Price Bid Evaluation .......................................................................................................... 19
  6. Finalisation of Tenders .............................................................................................................. 19
  7. Terms of Contract ...................................................................................................................... 19
     7.1 Evaluation Criterion ............................................................................................................. 19
     7.2 Notification of Empanelment .............................................................................................. 20
     7.3 Award of Work Contract ..................................................................................................... 20
     7.4 Right to vary quantities ....................................................................................................... 20
     7.5 Right to accept/reject any or all tenders ............................................................................. 20
     7.6 Expenses of Agreement ..................................................................................................... 20
     7.7 Installation & Completion Schedule .................................................................................... 20
     7.8 Execution of Agreement of Empanelment ......................................................................... 21
     7.9 Issue of Letter of Empanelment ......................................................................................... 21
  8. Scope of work ............................................................................................................................. 21
     8.1 Packing and Marking: ......................................................................................................... 24
     8.2 Progress Reports and Photographs/ Videos etc. wherever indicated in work order based on the volume of the work. ................................................................................. 26
     8.3 Documentation .................................................................................................................... 27
     8.4 Dispatch of materials: ......................................................................................................... 27
  9. Inspection by TSREDCO ........................................................................................................... 28
  10. Demurrage/wharfage: ............................................................................................................ 28
  11. Conditions of contract for Supply, installation & Commissioning ........................................ 29
     11.1 Work and Services ............................................................................................................ 29
     11.2 Commissioning Report ..................................................................................................... 29
     11.3 Release of Claims ............................................................................................................. 29
  12. Construction Management ...................................................................................................... 29
     12.1 Contractor’s Assistance in Work Plan for Field Operation ............................................... 30
PART – I: GENERAL DETAILS
FROM :- (Full name and address of the tender)

M/s________________________________________
____________________________________________
____________________________________________

TO,
The Vice Chairman & Managing Director,
TSREDCO Ltd,
Hyderabad.

SUBJECT:- Offer in response to Tender Notice No. TSREDCO/EC/RC for LED Lights & Fans/70/2018-19, Dated.21.05.2018

Sir,

We here by submit our offer in full compliance with terms & conditions of the attached tender. The tender is being submitted in separate sealed envelopes marked Part-I (Technical Bid) & Part-II (Price Bid).

(Signature of Tenderer)

Seal
# Bid Information Sheet

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of the Company</td>
<td>Telangana State Renewable Energy Development Corporation Ltd (TSREDCO)</td>
</tr>
<tr>
<td>2</td>
<td>Name of Work</td>
<td>Supply &amp; Installation of LED Tube Lights, LED ceiling Lights, LED down lights &amp; Energy Efficient Fans at various locations in Telangana State.</td>
</tr>
<tr>
<td>3</td>
<td>Tender No &amp; Date</td>
<td>TSREDCO/EC/RC for LED Lights &amp; Fans/70/2018-19, Dated.21.05.2018</td>
</tr>
<tr>
<td>4</td>
<td>Capacity and location of supplies</td>
<td>Entire Telangana as decided by TSREDCO.</td>
</tr>
<tr>
<td>5</td>
<td>Period of Contract</td>
<td>One year from the date of opening of Price Bid</td>
</tr>
<tr>
<td>6</td>
<td>Tender Type</td>
<td>Open</td>
</tr>
<tr>
<td>7</td>
<td>Tender Fee</td>
<td>Rs.25,000 + GST @ 18% by way of DD, drawn in favour of TSREDCO, Payable at Hyderabad.</td>
</tr>
<tr>
<td>8</td>
<td>Bid Security (EMD)</td>
<td>EMD for Rs 1.00 Lakh by way of Demand Draft in favour of TSREDCO, payable at Hyderabad shall be submitted along with Technical Bid. Firms claiming Exemptions for Bid Security shall submit letter from NSIC/ SSI for this tender separately.</td>
</tr>
<tr>
<td>9</td>
<td>Bid Submission closing date &amp; time</td>
<td>31.05.2018 &amp; 3.00 PM</td>
</tr>
<tr>
<td>10</td>
<td>Pre-Qualification / Tech. Bid Opening Date</td>
<td>31.05.2018 &amp; 3.30 PM</td>
</tr>
<tr>
<td>11</td>
<td>Price Bid Opening Date and Time</td>
<td>Shall be informed later</td>
</tr>
</tbody>
</table>
|12 | Eligibility Criteria                                           | a. The Tenderer must be LED Manufacturer/Supplier, having experience in **Supply & installation of LED Lights for a minimum period of 3 Years**, Fan Manufacturer/Supplier having experience in **supply & installation of energy efficient Fans for a minimum period of 3 Years** &  
   b. The Manufacturer/Supplier shall have average **annual turnover of Rs.1.00 Crore** of the last three years |
|13 | Place of Opening of Tender                                      | O/o Vice Chairman & Managing Director, TSREDCO, Hyderabad.      |
|14 | Address                                                        | D.No. 6-2-910, Visvesvaraya Bhavan, II floor, The Institution of Engineers Building, Khairatabad, Hyderabad - 500 004, Telangana State, India |

**NOTE: IMPORTANT INSTRUCTIONS:**

Prospective Bidders are requested to remain updated for any notices/amendments/clarifications etc. to the tender document through the TSREDCO website.

No separate notifications will be issued for such notices/amendments/clarification etc. in the print media or individually. All the information related to this tender shall be updated on the Telangana State Renewable Energy Development Corporation Limited [website](#).

Authorized Signature of Bidder  
with Stamp
TSREDCO Website only. The Bid Security /EMD amount paid by the successful Tenderer will be converted as Security deposit and will be released after completion of the works allotted. The un- successful bidders EMD/ Bid Security will be returned on allotment of the works to the successful bidders.

TSREDCO will examine the Bids to determine whether they are complete, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order. The bids of only such Bidders whose bids are technically and commercially in accordance with the specification and who have submitted the necessary Bid Security in the form required will be considered for opening of price bid.

A responsive Bid is the one which accepts and fulfills all the terms and conditions of this specification and documents, supported by the necessary sureties, and are complete in respect of details as asked for in the Bid document.

The responsive Bids received will be evaluated by TSREDCO to ascertain the lowest evaluated Bid for complete works covered under these specifications and documents. TSREDCO has right to negotiate the price coated by the bidders for further lowest possible.

The Tender document can be downloaded from www.tsredco.telangana.gov.in, (Telangana) and the cost of tender document and EMD, as mentioned in bid information sheet, shall be enclosed along with the technical bid in envelope I (PART I).

All relevant required documents along with evidences are to be enclosed with technical bid in envelope I (PART I), and only quoted rates (as per Format enclosed) is to be enclosed in the price bid in envelope II (PART II).

Price bid will be opened of those bidders who would duly qualify in the technical bid.

**Bidder shall quote for Different Capacities of** LED Tube Lights, LED ceiling Lights & Energy Efficient Fans as per the format provided in Tender Document.

*Industries exempted from payment of EMD shall enclose duly attested Photostat copy of their Registration Certificate showing the materials (LED Tube Lights, LED ceiling Lights & Energy Efficient Fans) they are permitted to manufacture/to do rendering services and the period of validity of the certificate as proof of eligibility especially for this rate contract tender for exemption from payment of EMD. However, the cost of the Tender document is NOT exempted and has to be paid by way of DD in favour of TSREDCO payable at Hyderabad*
PART – II: INSTRUCTIONS TO TENDERERS
1. Introduction
1.1 General Information
Telangana State Renewable Energy Development Corporation Limited (TSREDCO) Registered Office at D.No. 6-2-910, Visvesvaraya Bhavan, II floor, The Institution of Engineers Building, Khairatabad, Hyderabad - 500 004, here in after referred to as “Purchaser” who proposes to empanel the Manufactures/ Suppliers of LED lights of different capacities and energy efficient fans for installation at different locations in the state of Telangana. This work also includes removing of existing inefficient appliances as per TSREDCO requirement and handing over of the same to the respective owner/ authorized representative. To facilitate the same, TSREDCO is intended to finalize the rate contract prices for various capacities of LED Tube Lights, LED Ceiling Lights & Energy Efficient Fans.

The bidder shall meet the following eligibility criteria and submit the relevant documents along with their bid:

- The bidder shall be a firm registered under India’s Companies Act 1956 or including any amendment thereto or other registered firms (partnership/ proprietary). Attested copy of Certificate of Incorporation issued under Indian Companies Act, from Registrar of Companies shall be submitted; in case of partnership/proprietary firm registration document shall be submitted.

- Attested copies of Commercial Tax Registration, GST Registration, Latest Income Tax Clearance certificate/latest IT return and copy of PAN card issued by the IT Department etc., shall be submitted.

- The Firm/Factory shall be registered under: Indian Factories Act, 1948. Bidder shall submit the relevant copies. In case of suppliers/distributors, the consent letter for supplying LED Tube Lights, LED ceiling Lights, LED down Lights & Energy Efficient Fans from manufacturer for this tender shall be submitted along with a copy of respective manufacturer’s factory registration certificate.

- The firm/factory shall have established quality assurance systems and organization designed to achieve high level of equipment reliability in manufacturing of the LEDs or Fans. Relevant documents certified by certification body shall be submitted.
• The bidder shall have adequate financial stability and status to meet the financial obligations. Pursuant to the scope of work, the firm must have an average annual turnover of **Rs. 1.00 Crore** for the last three years i.e., from 2014-2015 to 2016-2017 financial years. **Relevant documents certified by a chartered Accountant shall be submitted.**

• The bidder shall have experience of manufacturing/ Supply, installation & Maintenance of LEDs and energy efficient ceiling Fans for a minimum of **3 Years.**

• The Manufacturer/ Supplier shall have supplied EELDs/LED’s **worth of Rs. 1 crore or 20,000 watts LED Capacity** of different installations in the **last three years** period. The details must be submitted in the Proforma given in Technical-Bid section of tender document.

• The Manufacturer/ Supplier shall have supplied energy efficient ceiling fans **worth of Rs. 20 Lakh or 25,000 watts capacity.**

• The bidder shall have adequate field service setup to provide good after sale services including necessary repair and maintenance in the state of Telangana. A **Consent letter to provide good after sale services including necessary repair and maintenance in the state of Telangana along with address shall be submitted.** If the bidder doesn’t have service setup in Telangana, a declaration letter on his letterhead mentioning “setting-up of service center in Telangana”, if selected as L1, shall be submitted.

• The bidder shall have to provide good after sale services for the works done by him during past years. **Copies of work completion certificates shall be submitted.**

• The bidder shall provide valid Test Certificates of the LEDs and Fans as specified and required in the Technical- Bid of this tender document. **Relevant documents shall be submitted.**

The bidder shall be required to have adequate post installation localized service facilities/ centers
All the components including installations of product and other components along with replacement of existing system mentioned above should be quoted as per price bid format, No partial quotes are accepted.

The above stated requirements are compulsory to be fulfilled by the tenderer and TSREDCO may also ask for any additional information as may be deemed necessary in public interest.

1.2 General Terms and Conditions:
In construing these general terms & conditions and the annexed specification, the following words shall have the meaning herein assigned to them unless there is something in the subject inconsistent with such construction.

The “Purchaser/Buyer/Corporation/TSREDCO” shall mean Telangana State Renewable Energy Development Corporation Limited.

The “Bidder/contractor/supplier/vendor” shall mean the Tenderer /Bidder whose tender shall be accepted by the purchaser and shall include the tenderer’s legal personal representatives, successors and assigns.

The “Engineer” shall mean the V.C & Managing Director, TSREDCO for the time being, or such other officer as may be duly authorized and appointed in writing by the purchaser to act as engineer for the purposes of the contract. In case where no such engineer has been so appointed, the word “Engineer” shall mean the purchaser or his duly authorized representative.

“Works” shall mean and include different capacities of LED tube lights, LED ceiling lights, EE fans and materials i.e., cables, clamps, removing of existing appliance and handing over of the same to the respective representative to be provided and work to be done by the bidder under the contract.

The “Contract” shall mean and include the general conditions, specification, schedules, drawings, form of tender, covering letter, schedule of prices, or the final general conditions, any special conditions applying to the particular contract specification and drawings and the agreement to be entered into under clause of these general conditions.
2. **The Tender Document**

2.1 **Content of Tender Document**

2.1.1. The tender procedure and contract terms are prescribed in the tender document. In addition to the invitation of tender, the tender document includes the various other documents as given in the table of particulars of tender.

2.1.2. The tenderer is expected to examine all instructions, terms and conditions, specifications, forms and formats etc., as mentioned/enclosed in the tender document. Failure to furnish all information required in the tender document or submission of a tender not substantially responsive to the tender document in every respect will be at the tenderer’s risk and is likely to result in out-right rejection of the tender.

2.2 **Information required with the Proposal**

2.2.1. The tender must clearly indicate the name of the manufacturer, the types and model & make of each principal item of equipment proposed to be supplied. The tender may also contain details of specifications and other comprehensive descriptive materials in support of technical specifications.

2.2.2. The above information may be provided by the Tenderer in the form of separate sheets, specifications, catalogues etc.

2.2.3. Any tender not containing sufficient descriptive material to describe the proposed equipment may be treated as incomplete and hence may be rejected. Such descriptive materials and specifications submitted by the Tenderer will be retained by TSREDCO. Any deviations from these will not be permitted during the execution of contract, without specific written permission of TSREDCO.

2.3 **Clarification of Tender Document**

Any prospective tenderer requiring any clarification on the tender document regarding various provisions/requirements/preparation/submission of the tender, may contact TSREDCO in writing by letter or fax or email before **48 hours** of closing time of the tender. Queries received later shall not be entertained. Verbal clarifications and information shall not be entertained.

2.4 **Amendments in Tender Document**

2.4.1 At any time prior to the due date for submission of the tender or even prior to the
opening of the Price bid, TSREDCO may for any reason, whether at its own initiative or as a result of a request for clarification/suggestion by a prospective tenderer, amend the tender document by issuing a notice.

2.4.2 The amendments will be notified on the website at least 48 hours before the proposed date of submission of the tender. TSREDCO will bear no responsibility or liability arising out of non-receipt of the information in time or otherwise. If any amendment is required to be notified within 48 hours of the proposed date of submission of the tender, the last date of submission shall be extended for a suitable period of time.

2.4.3 In case amendments is notified after submission of the tender (prior to the opening of Price bids), all the price bids received by TSREDCO shall be returned in sealed condition to the concerned tenderers through registered post or courier, for getting their offer revised according to the amended terms and conditions.

2.4.4 All the notices related to this tender which are required to be publicized shall be uploaded only on http://www.tsredco.telangana.gov.in. TSREDCO reserves the right to reject any or all tenders without assigning any reasons or may cancel the tender.

3 Preparation of Tender

3.1 Language of Tender and Measure

The tender prepared by the tenderer along with all the related documents shall be in English. Unit measurements shall be in accordance with International System. All correspondence between the tenderer and TSREDCO shall also be in English.

3.2 EMD and Contract Performance Security

3.2.1. The tenderer shall submit an Earnest Money Deposit (EMD) of Rs. 1,00,000/- as mentioned in the “Bid Information Sheet” in the shape of DD in favour of, TSREDCO, payable at Hyderabad as a part of the tender. Tenders without EMD shall be rejected by TSREDCO as being non-responsive. No interest shall be paid by TSREDCO on the amount of earnest money deposit deposition as well as deposition of Contract Performance Security.

3.2.2. The EMD of the successful bidder shall be converted to Contract Performance Security at the time of Agreement. However, a Contract Performance Security of
10% work order value shall be deposited as mentioned in part V of this tender. The industries exempted from EMD shall also pay Contract Performance Security as mentioned in PART V of this tender document.

3.2.3. If the converted Contract Performance Security amount is more than 10% of the work order value, the balance amount shall be deposited at the time of issuing of respective work order or/and if the converted Contract Performance Security amount is less than 10% of the work order value, the balance amount shall be adjusted in future respective work orders and as decided by TSREDCO.

3.2.4. The earnest money may be forfeited: -

a. If a Tenderer withdraws their tender during the specified period of validity of offer.
b. If the successful Tenderer fails to sign the contract agreement within stipulated period.

3.2.5. The authority reserves the right of awarding the work, after receiving the consent to work, the earnest money of such Tenderer shall be forfeited if they fail to sign the contract agreement within stipulated period.

3.2.6. The earnest money of all unsuccessful bidders shall be released soon after selection of selected bidder(s) against submission of their written intimation regarding acceptance of work and conversion of EMD in to security deposit.

3.3 Period of Validity of Tender

3.3.1 Validity of the offer should be one year from the proposed date of opening of the price bid. Tenders without this validity will be rejected.

3.3.2 In exceptional circumstances, TSREDCO may solicit the consent of the bidders for extension of the period of validity of offer. The request and the response there of shall be made in writing.

3.4 Formats and signing of Tender

3.4.1 The tender must contain the name and places of business of the firm/person/persons participating in the tender and must be signed and sealed by the Tenderer with his usual signature. The name and designation of all persons signing the tender document should be written below every signature. Tender by a partnership firm must be
furnished with full name of all partners with a copy of partnership deed.

3.4.2 The original copy of the tender should be typed or written in indelible ink and must be signed with the legal name of the corporation/ company by the President/ Managing Director/ Secretary/ CEO/ Owner of the firm or a person duly authorized to bid. In case of authorized person the letter of authorization by written power-of-attorney should be enclosed with the technical bid of the tender. The person or persons shall sign on all pages of the tender document.

3.4.3 The tender shall contain no interlink actions, erasers or overwriting except as necessary to correct the errors made by the tenderer in the preparation of tender. The person or persons signing the tender shall also sign at all such corrections.

3.5 Price and Currencies

The tenderer shall have to submit their rates in Indian Rupees only including all latest applicable taxes & duties of Govt. of Telangana as well as Govt. of India. Way bills & C-Forms etc shall be arranged by TSREDCO. Necessary Taxes (as admissible) will have to be borne by the selected bidder if any. The rate should be quoted on the prescribed format for Price Bid (Part II) attached to this tender document.

4 Submission of Tender

4.1 Sealing and Marking of Tender

4.1.1. The tender must be complete in all technical and commercial respect and should contain requisite certificates, drawings, informative literature etc. as required in the tender document.

4.1.2. In Technical bid (sealed envelope) (Envelope-I), following documents are to be inserted:-

1. Copy of Application of EOI
2. Tender document fee **Rs.25,000 + GST @ 18%** by way of DD in favour of TSREDCO payable at Hyderabad
3. EMD for **Rs.1,00,000 / -** by way of DD in favour of TSREDCO payable at Hyderabad
4. Copy of GST, IGST, PAN, Service Tax registration No
5. Product Test certificates (for respective product)
6. Proof of Company’s local office including contact telephone no. of local people.
7. Brochures, literature and other documents regarding technical specifications.
The Envelope I should be superscripted with “Rate Contract Tender for LED Tube Lights, LED ceiling Lights & Energy Efficient Fans at various locations in Telangana State – Technical Bid.

4.1.3. The complete tender document in original (excluding Price bid) issued by TSREDCO or downloaded from the website should be submitted by the tenderer along with PART I in the first envelope (Envelope - I) after furnishing all the required information on relevant pages. Each page of the tender document should be signed & stamped. Tenders with any type of change or modification in any of the terms/conditions of this document shall be rejected. If necessary, additional papers may be attached by the tenderer to furnish/submit the required information.

4.1.4. Second sealed envelope (Envelope- II) should contain Price bid only. It should be superscripted with “Rate Contract Tender for Supply, Installation and Commissioning of LED Tube Lights, LED ceiling Lights & Energy Efficient Fans at various locations in Telangana State - Price bid”. The tenderer should submit his duly signed and stamped price bid on the price bid format attached with this tender document, after writing the price only.

4.1.5. Any term/condition proposed by the tenderer in his technical bid which is not in accordance with the terms and conditions of the tender document or any price conditions, payment terms, rebates etc. mentioned in price bid shall be considered as a conditional tender and will make the tender invalid.

4.1.6. Both the above sealed envelopes i.e., marked as Envelope-I (Technical Bid) and Envelope-II (Price Bid) will be sealed in another one envelope, subscribed with “TENDER notice: TSREDCO/EC/RC for LED Lights & Fans/70 /2018-19, Dated.21.05.2018 and Name of Work: Rate Contract TENDER for Supply, Installation and Commissioning of LED Tube Lights, LED ceiling Lights & Energy Efficient Fans at various locations in Telangana State”. This envelope shall be addressed to “VC & Managing Director, TSREDCO, Hyderabad.

4.2 Deadline for Submission of Tender

4.2.1. Tender must be received by TSREDCO till the date & time of submission as specified in tender document.
4.2.2. Any tender received after the specified date & time of submission will be rejected and returned unopened to the Tenderer.

5 Tender Opening and Evaluation

5.1 Opening of Tender

The procedure of opening of the tender shall be as under:

5.1.1. First envelope (Envelope-I) super scribed “Rate Contract Tender for Supply, Installation and Commissioning of LED Tube Lights, LED ceiling Lights & Energy Efficient Fans at various locations in Telangana State –Technical Bid “shall be opened by TSREDCO representatives at the time and date mentioned in the Particulars of Tender, in the presence of tenderers who choose to be present. The financial and technical suitability of offers will be examined by TSREDCO in detail. If required, clarifications regarding the suitability of the offers will be obtained.

5.1.2. Second envelope (Envelope-II) super scribed “Rate Contract Tender for Supply, Installation and Commissioning of LED Tube Lights, LED ceiling Lights & Energy Efficient Fans at various locations in Telangana State - Price bid” of only those tenderers shall be opened whose technical bid is found responsive, suitable and in accordance with the various requirements of the tender.

5.1.3. In case it is not possible to open second envelope (Envelope- II) comprising the “Price Bid” on the specified date, then a suitable date for this purpose shall be announced or shall be communicated to tenderers by letter/ fax/ email (Either Mode). To avoid postponement of opening of price bid, it is in the interest of the tenderers to send their authorized representatives who are well conversant with the tender and competent enough to take decisions on technical and financial matters at the time of opening of bids.

5.2 Clarifications regarding the submitted Tenders

5.2.1. During the process of evaluation of the tender, TSREDCO may at its discretion ask the tenderer for a clarification of their tender. The request for clarification and the response shall be in writing.

5.2.2. Any query regarding any clarification required by TSREDCO on the information submitted by the tenderer, must be replied by the tenderer within the following time schedule.

- Email/ fax query should be replied by Email/ fax within 48 hours.
5.3 **Price Bid Evaluation**

5.3.1. **Quoting of Price:**

- **5.3.1.1.** The Price quoted shall be as per the format provided in the price bid.
- **5.3.1.2.** In cases of discrepancy between the cost quoted in words and in figures, the lower of the two will be considered.
- **5.3.1.3.** In case of discrepancy between the actual total of price break up and the total mentioned in the bid, the lower of the two will be considered.

5.3.2. **TSREDCO reserves the right to negotiate with the bidders for further reduction of prices.**

5.3.3. **Under no circumstances shall a tenderer increase his price during the validity period after tenders are opened. Any tenderer who does so shall not only lose his EMD and SD but also run the risk of being Black listed by TSREDCO. TSREDCO also reserves the right under the law to recover damages resulting there from, in addition to forfeiture of EMD.**

6 **Finalisation of Tenders**

Tenders will be finalized by the TSREDCO Tender evaluation committee, for the works along with technical bid evaluation for consideration and in accordance with the conditions stipulated in the tender document and in case of any discrepancy or non-adherence to the conditions, the same shall be communicated which will be binding both on the tender concluding authority and tenderer. In case of any ambiguity the decision taken by the VC & Managing Director, TSREDCO on tenders shall be final.

The tenders if received with abnormally high percentage or within the permissible ceiling limits (bench mark cost) prescribed, but under collusion due to unethical practices adopted during the tendering process shall be rejected.

7 **Terms of Contract**

7.1 **Evaluation Criterion**

The whole work shall be on Turnkey basis. The empanelment of tenderer shall be finalized on the basis of cost mentioned for different products as per tender including supply, installation & commissioning as offered by the tenderer in his Price Bid.
7.2 Notification of Empanelment
Prior to the expiry of validity period of offer, TSREDCO will notify the successful tenderer by registered Letter/Email/ Fax.

7.3 Award of Work Contract
In order to ensure the completion of the proposed works and to submission the UC to BEE in time by TSREDCO, it is proposed to request the other bidders to match to the L1 price such that the proposed works will be distributed among the multiple bidders.

Priority will be given to the lowest bidder i.e., L1 and a minimum of 25% work will be awarded to L1, when the number of work sites exceeds four (4).

Before empanelment as approved supplier, an agreement shall be signed between TSREDCO and the tenderer. If the tenderer denies undertaking the work, it shall be treated as breach of contract and TSREDCO may forfeit EMD/ Security amount submitted by him.

Priority will be given to the bidder who is willing to identify the new works under this rate contract under CAPEX model (investment required for implementation) through wide publicity or awareness from the interested beneficiaries and along with funds required.

7.4 Right to vary quantities
The authority reserves the right of awarding the work in a phased manner. TSREDCO may increase or decrease the quantity mentioned in the tender notice at the time of award of contract.

7.5 Right to accept/reject any or all tenders.
TSREDCO reserves all the right to reject any or all the tenders, accept any tender in total or in part at any stage without mentioning any reason.

7.6 Expenses of Agreement
The respective suppliers shall pay all the expenses of stamp duties and other requirements for signing the agreement with TSREDCO.

7.7 Installation & Completion Schedule
The entire work involving Supply, Installation and commissioning of products
mentioned in tender in Telangana State including the warranty. The project work shall be completed within timeline mentioned in the Work Order (WO).

7.8 Execution of Agreement of Empanelment
a) The Successful Bidder shall execute an agreement of empanelment in the Rs.200 non-judicial stamp paper of Telangana Jurisdiction only in the name of the Tenderer, within 15 days from the date of Letter of Intimation about qualification by TSREDCO.

b) The Successful Bidder shall not assign or make over the empanelment, the benefit or burden thereof to any other person or persons or body corporate for the execution of the contract or any part thereof without the prior written consent of TSREDCO. TSREDCO reserves its right to cancel the empanelment either in part or full, if this condition is violated.

c) In case of the successful bidder fails to execute necessary agreements as prescribed, within the stipulated period, then his EMD shall be forfeited and his tender held as non-responsive.

7.9 Issue of Letter of Empanelment
After execution of the Agreement and payment of Security Deposit, the name of successful bidder(s) with price will be displayed in website of TSREDCO and a letter of empanelment will be sent to the qualified tenderer.

8 Scope of work
Scope of contract:
For general reading of various clauses mentioned in these documents, the term “Supply/ work” shall be deemed to be treated as “Supply, Installation & Commissioning of LED Tube Lights, LED ceiling Lights & Energy Efficient Fans at various locations in Telangana State including the warranty period” unless specifically mentioned otherwise. It also includes removing of existing inefficient appliances as per TSREDCO requirement and handing over of the same to the respective owner/ authorized representative.

The “Specification” shall mean the specification annexed to these general conditions and the schedules there to (if any).

“Tests on completion” shall mean such tests as prescribed by the requirements of specification and performance & operation of the LED/ FAN to be made by the bidder before the LED/FAN is taken over by the purchaser.
“Taking over” shall mean taking over of the LED/FAN by the purchaser after completion of “tests on completion” and completion of 72 hours/three days of continuous trouble free operation of the LED/FAN without any outages/ breakdowns attributable to the contractor.

“Commercial use” shall mean that use of the work, which the contract contemplates or of which it is to be commercially capable.

“Month” shall mean calendar month.

“Writing” shall include any manuscript, typewritten or printed statement, under or over signature or seal as the case may be.

Specifications and drawings:
Any information or details which are included in the specification but not indicated in the drawings and vice-versa shall have the same effect and meaning as if included for and shown both in the specifications and drawings. In case of any dispute between the specifications and drawings, the decision of the Corporation or its authorized representative shall be final and binding.

Additions/ Alteration/ Modifications.
The Corporation reserves the right to make additions/ alterations/ modifications to the quantity of items in the purchase order. The supplier shall supply such quantities also at the same rate as originally agreed to and incorporated in the purchase order. The variation shall, however, be limited to ± 20% of the quantity ordered.

Waiver
Any waiver by the authority of any breach of the conditions of the purchase order shall not constitute any right for subsequent waiver of any other terms and conditions.

Subletting and Assignment:
The supplier shall not, save with prior consent in writing of the Corporation, sublet, transfer or assign the order or any part thereof or interest therein or benefit or advantage thereof in any manner, whatsoever, provided further that any such consent issued by the Corporation under the exigencies of the contract, shall not relieve the supplier from any obligation, duty or responsibilities under the contract.

Information Provided by the Corporation:
All drawings, Data and documentation that are given to the suppliers by the Corporation for the execution of the order are the property of the Corporation and shall be returned when demanded. Except for the purpose of executing the order of the Corporation, supplier shall ensure that the above documents are not used for any other purpose. The supplier shall further ensure that the information given by the Corporation is not disclosed to any person, firm, body, corporate and / or authority and every effort shall be made to keep the above information confidential. All such information shall remain the absolute property of the Corporation.

**Rating & Name Plates:**

Equipment should be provided with name plate giving full details of manufacture, capacity and other details as specified in the relevant IS or other specification stipulated. Date and year of supply and the words “TSREDCO” or its logo must be printed on the name plate or body of the equipment as decided by TSREDCO.

**Interchangeability:**

All similar materials and removable parts of similar equipment shall be interchangeable with each other. A specific confirmation of this should be furnished along with the invoices for the supplies.

**Materials & Workmanship:**

Supplier shall fully warrant that the stores, equipment and component supplied shall be new and first quality, according to the specifications and shall be free from defects (even concealed faults, deficiency in design, materials and workmanship).

**Spare Parts:**

Wherever applicable, the supplier shall furnish to the Corporation, item-wise price list of spares required for regular operation and maintenance of the ordered equipment. The supplier shall also furnish necessary instructions and drawings to identify the spare part numbers and their location as well as an interchangeability chart.

**Supplier’s liability:**

Supplier accepts full responsibility and indemnifies the Corporation and shall hold the Corporation harmless from all acts of omission and commission on the part of the supplier, his agents, his subcontractors and employees in execution of the contract. The
supplier also agrees to defend and undertakes to indemnify the Corporation and also hold it harmless from any and all claims for injury to or death of any and all persons including but not limited to employees and for damage to the property arising out of or in connection with the performance of the work under the contract.

**Access to supplier’s Premises:**
The Corporation and /or its authorized representative shall be provided access to suppliers and / or his sub-contractor’s premises, at any time during the pendency of the contract, for expediting the supplies, inspection, checking etc.

**8.1 Packing and Marking:**
All materials/equipment shall be securely packed to the requirement of transportation by Rail/Road/Sea transport. All exposed services/ connections/ protrusions shall be properly protected. All unexposed parts shall be packed with due care and the packages should bear the words “Handle with Care”. The packing requirements of Rail/ Road transport shall be complied with so as to obtain clear Railway/ Lorry Receipt i.e. without any qualifying remarks.

All packages and unpacked materials shall be marked with the name of the Consignor, Consignee, Purchase Order/Contract No., gross and net weight, sign of handling, if any, with indelible paint in English at least at two places. In case of bundles, metallic plates marked with the above details shall be tagged with such bundles.

All Equipment/material shall be protected for ocean shipment, inland transport, carriage at the Site and outdoor storage during transit and at the Site, strictly according to the instructions given in this specification

- The contractor shall be responsible for any damage to the equipment during transit due to improper and inadequate packing.

- Only packages constructed out of sound material and of dimensions proportional to the size and weight of contents shall be used.

- Bundled materials shall be strapped rigidly with steel band over the protective covering.

- Fragile materials shall be securely braced with the containers or otherwise amply fastened and packed to prevent hitting or rattling. Soft non-hygroscopic packing
materials shall be placed between the hard packing materials and the fragile equipment. Articles which do not completely fill the selected container must be cushioned, braced, fastened or blocked to prevent damage to the article itself or destruction of the container. Inner bracing or blocking must be such that the content's weight is distributed over interior surfaces rather than concentrate on one or two critical points.

- Loose material, e.g. bolts, nuts etc., shall be packed in gunny bags and sealed in polythene bags with proper tagging.

- Components containing glass shall be carefully covered with shock absorbing protective material such as expanded polystyrene ('Thermo Cole').

- All openings in the equipment shall be tightly covered, plugged or capped to prevent foreign material from entering.

- In the case of large and bulky equipment, the contractor shall be responsible for ascertaining transport limitations and supply the equipment in the minimum number of components or sub-assemblies, within the framework of transport limitations.

- Wherever necessary, proper arrangements for attaching slings for lifting shall be provided.

- The contents of the packages shall be sealed in thick polythene sheets and all the inside walls of the packages shall be lined with waterproof paper to protect the equipment from damage due to dust and moisture.

- All equipment shall be protected for the entire period of dispatch, storage and erection against corrosion, incidental damage due to vermin, sunlight, rain, high temperature, humid atmosphere, rough handling in transit and storage in the open including possible delays in transit. Material and equipment shipped across the sea shall be packed to withstand without damage, the effects of salt spray. All machined and plated parts shall be protected with anti-rust grease. At such points, wrapping impregnated with anti-rust composition or vapor phase inhibitors shall be used. These shall have sufficient strength to resist chafing and indentation due to the movement which is likely to occur in transit. The protective wrappings and impregnation shall last for a minimum period of three months.

- Silica-gel or approved equivalent moisture absorbing material in small cotton bags shall be placed and tied at various points on the equipment, wherever necessary.

- Adequate provision of skids or pallets shall be made to keep the packages above the collecting drainage. Crates and other large containers should have drain holes in the bottom to prevent collection of water within the packing. This is especially important where the cargo itself is subject to condensation (cargo sweat).

- All cases shall be provided with suitable cutouts, closed by bolted wooden planks to facilitate inspection by customs authorities. Waterproof transparent papers shall be...
provided at the cutout locations to prevent water ingress into the casing through the cutout.

- All spare parts shall be packed and treated for long storage conditions at site.
- Any material found short inside the packing cases shall be supplied by the contractor at no extra cost to the purchaser.
- All packing cover and packing material shall become the property of the purchaser.
- Marking of Packages - All packages shall be clearly, legibly and durably marked with uniform block letters (preferably with waterproof paint) on at least three sides with:
  a) Destination address as communicated.
  b) Contract No.
  c) Dimensions.
  d) Net and gross weights.
  e) Sign showing 'side up'.
  f) Sign showing 'fragile' marks in case of delicate Equipment.
  g) Sign showing slinging and sling position.
  h) Any handling and unpacking instructions, if considered necessary.
  i) Identification mark relating them to the appropriate shipping documents.
  j) In case of spare parts, each spare part shall be clearly marked and labeled on the outside of its packing with its description and catalogue/part number.

8.2 Progress Reports and Photographs/ Videos etc. wherever indicated in work order based on the volume of the work.

During various stages of the manufacture in the pursuance of the contract, the contractor shall at his own cost submit progress reports as may be reasonably required by the Buyer with such materials, such as charts, networks, photographs/Videos, test certificates etc., Such progress reports, shall be in the form and size as may be required by the Buyer and shall be submitted at least in four copies. During coordination meetings or review meetings, presentation shall be made by power point presentation with photographs for important milestones.

Progress Reports:

Daily/weekly and Monthly progress reports shall be prepared by the Contractor and submitted to the purchaser in six copies. The first report shall cover the period up to the end of the first calendar month following the Commencement Date. Reports shall be submitted daily/weekly and monthly thereafter.
Reporting shall continue until the Contractor has completed all work, which is shown to be outstanding at the completion date stated in the Taking-Over Certificate for the Works.

Each report shall include:

i. Charts and detailed descriptions of progress, including each stage of surveys, Investigation, design, Contractor's Documents, procurement, manufacture, delivery to Site, construction, commissioning and trial operation.

ii. Digital photographs/videos showing the status of progress on the Site.

iii. For the manufacture of each main item of LED/FAN and Materials, the name of the manufacturer, manufacture location, percentage progress, and the actual or expected dates of: Commencement of manufacture, Contractor’s inspections, tests, and Dispatch and arrival at the Site.

iv. The details of Contractor's Personnel and Equipment.

v. Copies of quality assurance documents, test results and certificates of Material;

vi. List of Variations, notices given

vii. Safety statistics, including details of any hazardous incidents and activities relating to environmental aspects and public relations, and

viii. Comparisons of actual and planned progress, with details of any events or circumstances which may jeopardize the completion in accordance with the Contract, and the measures being (or to be) adopted to overcome delays.

ix. Removing of existing appliances shall be marked with identification numbers and the same shall be handovered to the respective representative.

8.3 Documentation

The contractor’s store keeping function will include maintaining various records. These records shall include but not limited to Supplier-wise record of equipment/material received, stored and issued for erection as well as stock position. Record of inspection and repairs carried out, protective measures as well as erected until the same is taken over by the owner.

8.4 Dispatch of materials:

The supplier is responsible for the safe delivery of the goods in good condition at destination locations. The supplier should acquaint himself on the conditions for handling and transport of the goods to destination and shall include and provide for security and protective packing of the goods so as to avoid damage in transit. Packing of
the materials / equipment shall be strictly as per the provision of the contract or standards or as required. All formalities related to allotment of wagons, loading permission from railways shall be completed by the supplier. The supplier shall communicate immediately the dispatch details to the consignee as specified in the contract. The original dispatch documents shall be forwarded immediately either directly or through bank, failing which the supplier shall be responsible for any delay in payment and consequential payments of demurrages and wharfages to the transporter.

9 Inspection by TSREDCO

All materials/ equipment to be supplied shall be subject to inspection/checking/ testing by the Corporation or its authorized representative at all stages and places, before, during and after the supplier / manufacture. All tests shall be carried out in the presence of authorized representative of the Corporation. Supplier shall notify the corporation for the inspection of materials/ equipment when they are ready, giving at least 15 days’ notice. If upon receipt at Corporation’s stores, the materials/ equipments do not meet the specifications, they shall be rejected and returned to the supplier for repair/ modification etc., or for replacement. In such cases all expenses including to and fro freight charges, repacking charges, transit insurance etc., shall be to the account of supplier.

Inspection by the authorized representative of the Corporation or failure of the Corporation to inspect the material/ equipment shall not relieve the supplier of any responsibility or liability in respect of such materials /equipment and shall not be interpreted in any way to imply acceptance thereof by the Corporation. Whenever specifically asked for by the Corporation, the supplier shall arrange for inspection/ testing by third party institutional Agencies.

10 Demurrage/wharfage:

Supplier shall also be responsible for all payments due to late receipt of RR/LR and other documents. The Installer shall visit the site as and when required by TSREDCO, during the warranty period. However, in case of malfunctioning of the system, the tenderer/bidder shall attend for rectification of defects within 5 days from the date of lodging complaint or receiving of failure material.
11 Conditions of contract for Supply, installation & Commissioning:

The following shall supplement the conditions already contained in the other parts of these specifications and documents and shall govern the scope of contract related to the Supply, Installation and commissioning.

11.1 Work and Services

The contractor shall undertake to perform the complete job as per scope above. Such parts as may have not been specifically included but otherwise form part of the job are deemed to be included unless otherwise specifically excluded.

The contractor shall arrange for the services of fully qualified and competent supervisors and necessary number of personnel as the contractor deems it absolutely necessary with the requisite specialized skills for the installation and commissioning of equipment and also replacement of existing appliance.

All tools required for installation shall be arranged by the contractor. The contractor shall make his own arrangements for Boarding & Lodging of his personnel.

The following facilities and services are also covered in the scope of Tenderer.

Unloading and loading of equipment and accessories, transportation to the site and storage. Providing of necessary labor force required for the execution of the job and providing of necessary transport facilities to the staff.

11.2 Commissioning Report

On successful completion of work, a report shall be prepared and signed copy of the report to Head office after approved by authorized representative of TSREDCO as well as the owner.

11.3 Release of Claims

After completion of work and prior to final payment, contractor shall furnish a release of claims against the TSREDCO arising out of the contract other than the claims specifically identified, evaluated and accepted.

12 Construction Management

1. The field activities of different contractors working at site, will be coordinated by the TSREDCO and the TSREDCO decision shall be final in resolving any disputes or
conflicts between the Contractor and other Contractors and regarding scheduling and co-ordination of work.

2. The TSREDCO shall hold meetings of all the Contractors working at site, at a time and a place to be designated. The Contractor shall attend such meetings and take notes of discussions during the meeting and the decisions of TSREDCO and shall strictly adhere to these decisions in performing his services. In addition to the above weekly meetings, TSREDCO may call for other meetings either with individual contractor or with selected number of Contractors and in all such cases the Contractor, if called shall attend such meetings.

12.1 Contractor’s Assistance in Work Plan for Field Operation

1. Installation plan submitted by the Contractor (including removing of existing appliances and handing over of the same to the respective representative) and discussed with the buyer and finalized with necessary modifications to form a part of Contract documents will be the essence for planning of installation activities. Accordingly the Contractor will prepare work plan in line with the activities to be performed.

2. The erection work plan will be reviewed periodically for effective implementation of work plan.

3. The Contractor shall also intimate the programme of the visit of his personnel to site and departure from site. TSREDCO will have the right to review the list of such personnel and ask for increase in the strength or reschedule the visits of such personnel, if in the opinion of TSREDCO, the list of personnel furnished by the Contractor is not sufficient for effective performance of the Contract.

4. The Contractor shall have the complete responsibility for the safety of all persons employed by him, and all the properties under his custody during the Contract. This requirement shall apply continuously till the completion of the contract and shall not be limited to normal working hours.

12.2 Access to Site

During the execution of the work, no persons other than the contractor, or his duly appointed representative, sub-contractors and workmen shall be allowed to do work on the site, except by the special permission in writing. But access to the works at all times shall be accorded to the TSREDCO’s representatives and other authorized officials.
12.2.1 Co-Operation with Other Contractors

1. The Contractor shall co-operate with all other Contractors and staff of the Buyer, who may be performing other services on behalf of the Buyer and the workmen who may be employed by the Buyer and doing work in the vicinity of the Contractor’s work site.

2. Buyer shall be informed promptly by the Contractor of any defects in the work that could affect the performance of the equipment. The Contractor and the buyer shall determine the corrective measures, if any, required to rectify this situation after inspection of the works.

12.2.2 Discipline of workmen

The Contractor shall adhere to the disciplinary procedure set by TSREDCO in respect of his employees and workmen, if any, at site. The TSREDCO shall be at liberty to object to the presence of any representative or employee of the Contractor at the site, if in the opinion of TSREDCO, such employee has misconduct, or is incompetent or negligent or otherwise undesirable, and then the Contractor, after mutual agreement, shall replace such a person objected to.

12.2.3 Liability for accidents and damage

The bidder shall be responsible for all loss, damage or depreciation to the appliances until the appliances are taken over or extended period as agreed.

The bidder shall, during the progress of the work, properly cover up and protect the appliances from injury by exposure to the weather, and shall take every reasonable, proper, timely, and useful precaution against accident or injury to the same from any cause and shall remain answerable and liable for all accidents or injuries thereto which until the same or be deemed to be taken over, may arise or be occasioned by the acts or omissions of the bidder or his workmen or sub-bidder, and all losses and damages arising from such accidents or injuries as aforesaid shall be made good in the most complete and substantial manner by and at the sole cost of the bidder to the reasonable satisfaction of the buyer.

Until the appliances shall be or be deemed to be taken over as aforesaid the bidder shall also be liable for and shall be deemed to have indemnified the purchaser in respect of all damage or injury to any person or property of the purchaser or of other occasioned by the negligence of the bidder or his workmen or sub-bidders or by
defective design, work or material, but not otherwise provided that the bidder shall not be liable under the contracts for any loss of profit or loss of contracts or any claims made against the purchaser not already provided for in the contract, nor for any damage or injury caused by or arising from the acts of the purchaser or of others, or (save as to damage by fire as hereinafter provided) due to circumstances over which the bidder has no control, nor shall his total liability for loss, damage or injury exceed the total value of the contract.

The bidders shall be deemed to have indemnified and saved harmless the purchaser against mal actions, suits, claims, costs or expenses arising, in connection with injuries suffered prior to the date when the appliances shall have been taken over and during maintenance period by persons employed by the bidder or his sub-bidders on the works whether under the General law or under the Workmen’s Compensation Act, 1923, or any other statute in force at the date of the contract dealing with the question of the liability of employers for injuries suffered by employees and to have taken steps properly to insure against any claims hereunder.

On the occurrence of an accident which results in the death of any of the workmen employed by the bidder or which is so serious as to be likely to result in the death of any such workmen, the bidder shall within 24 hours of the happening of such accident, intimate in writing to the TSREDCO, the fact of such accident. The bidder shall indemnify TSREDCO against all loss or damage sustained by TSREDCO resulting directly or indirectly from his failure to give intimation in the manner aforesaid including the penalties or fines if any payable by TSREDCO as a consequence of TSREDCO’s failure to give notice under the Workmen Compensation Act or otherwise, to conform to the provision of the said Act in regard to such accident.

In the event of any claim made, or action brought against the purchaser involving the bidder and arising out of the matter referred to and in respect of which bidder is liable under this clause, the bidder shall immediately notify, and he shall, with the assistance, if he so required, of the purchaser, but at the sole expense of the bidder conduct all negotiations for the settlement of the same or of any litigation that may arise there from. In such case the purchaser shall, at the expense of the bidder, afford all available assistance for any such purpose.
In the event of an accident in respect of which compensation may become payable under workmen’s Compensation Act VIII of 1923, weather by the bidder or by the TSREDCO as principal, it shall be lawful for TSREDCO to retain out of moneys due and payable to the bidder such sums of money as may be in the opinion of the said Engineer be sufficient to meet such liability. The decision of TSREDCO shall be final in regard to all matters arising under this clause.

12.2.4 Materials brought on to the site
All materials, tools, and tackle brought to and delivered upon the site for the purpose of the work shall, from the time of their being so brought, vest and be the property of the purchaser but may be used for the purpose of the work but for that purpose only and shall not on any account be removed or taken away by the bidder or any other person without the express permission in writing of the Engineer but the bidder shall nevertheless be solely liable and responsible for any loss or destruction thereof or damage there to unless resulting from causes beyond the bidder’s control not being causes insurance against destruction or damage.

12.2.5 After Sales Service
The contractor shall agree to provide after-sales service and spare parts, at prevailing rates for a period of not less than three years or at least warranty period. The contractor shall state in the bid the name and address of his representative or that of the manufacturer in India who is qualified to render such services and from whom spare parts can be obtained in respect to each item of equipment in bid. In the event, such a representative has not been established; contractor shall guarantee that arrangements for such service and spare parts will be made simultaneously with the delivery of the equipment. The after-sales service shall provide directly or through arrangements with an established operating service organization having shop facilities and qualified mechanics to service equipment similar to that in the contract.

The purchaser reserves the right to visit and inspect the named service representative to determine compliance with this requirement of the contract. The purchaser reserves the right to request the contractor to depute one supervisor to check the equipment at site and advice on servicing, maintenance and adjustment of the equipment for a period of one week free of charge during the Guarantee period.
The contractor shall supply necessary repair, service and spare parts at any time during the life of the machine at a price not in excess of prevailing rates charged to others for similar work.

The contractor shall submit shop drawings along with detailed technical specifications of such spare parts liable for frequent wear and tear to enable the Buyer to get such spare parts manufactured indigenously.

Bidder shall guarantee that before going out of production the spare parts, he will give adequate notice to the Buyer so that the latter will have adequate time to order for future requirement of spares.

Seller shall further guarantee that if he goes out of production of spare parts, then he will make available the blue prints, drawings of the spare parts and specification of material at no cost to the Buyer if and when required.

12.2.6 Release of Information

The contractor shall not communicate or use in advertising, publicity, sales releases or in any other medium photographs or other reproduction of the works under this contract, or description of the site, dimensions, quality or other information, concerning the work unless prior written permission has been obtained from the Purchaser.

12.3 Completion of Contract

Unless otherwise terminated under the provisions of any other relevant clause, this contract shall be deemed to have been completed at the expiration of the warranty period, completion of maintenance contract period, and fulfillment of all contractual terms and conditions.

12.4 Limit of Contract

Equipment supplied shall be complete in every respect with all fittings, fixtures and standard accessories normally provided with such equipment’s and / or needed for replacement, installation, completion and safe operation of the equipment’s as required by applicable codes though they may not have been specifically detailed in the respective specifications unless included in the list of exclusions. All similar standard equipment’s provided, shall be interchangeable with one another.
13 Force majeure:
The supplier shall not be liable for any delay or failure to supply the materials /equipment for reasons of Force Majeure such as Acts of God, Acts of War, Act of Public Enemy, Natural calamities, Fires, Floods, Frost, Strikes, Lockouts etc. Only those causes which have duration of more than 7 days shall be considered for force majeure.

The contractor shall within 10 days from the beginning of such delay notify to the Corporation in writing the cause of delay. The corporation shall verify the facts and grant such extension of time as facts justify.

No price variation shall be allowed during the period of force majeure and liquidated damages would not be levied for this period. If the performance in whole or part by the contractor or any obligation.

Under the Contract is prevented or delayed by “Force Majeure” conditions for a period exceeding 60 days, the purchaser may at his option terminate the contract by notice in writing.

14 Cancellation of order:
The Corporation reserves the right to cancel the contract in part or in full by giving two weeks notice there by, if

- The contractor fails to comply with any of the terms of the contract.
- The contractor becomes bankrupt or goes into liquidation.
- The contractor make general assignment for the benefit of the creditors and
- Any Receiver is appointed for the property owned by the contractor.

15 Jurisdiction:
All and any dispute or difference arising out of or touching the contract shall be decided only by the courts or Tribunals situated in Hyderabad/Secunderabad.

16 Payment terms
16.1 TSREDCO service charges @ 3% plus GST @ 18% as applicable of the actual project completion cost shall be deducted at the time of release of payment

16.2 Taxes and duties shall be paid extra by the bidder as applicable on the TSREDCO service charges and the bid processing fee.

16.3 Payment of the project cost shall be paid by the Purchaser directly to the Tenderer after satisfactory TSREDCO inspection & on submission of invoice to the purchaser.
16.4 Copies of invoices after inspection shall also be submitted to TSREDCO along with Inspection Report signed by TSREDCO representative, photographs and required documents.

16.5 **70% payment will be** made to the tenderer by the purchaser within 30 to 45 days on submission of all necessary and required documents.

16.6 **The Balance 30% will** be released after 60 days satisfactory performance of the appliances installed and on receipt of the performance certificate from the concerned or as mentioned by TSREDCO.

17 **Special Attention**

While preparing the Bid-Price the Bidders shall also take into account the following:

i. Infrastructure & Construction Facilities, Preliminary, Enabling & Ancillary works whatsoever required by them for successful completion of the Project in the specified time schedule. Removal of existing appliances and handing over of the same to the respective representative as mentioned in the tender document.

ii. Indian Income Tax and Surcharge on Income Tax on Salaries of Expatriates etc.

iii. Corporate Income Tax.

iv. All Taxes, Duties and expenses such as **GST**, Customs Duty and Custom Clearance on imported items, transportation and storage at site etc.

v. All applicable taxes, etc., on works contract etc. in the State of Telangana.

18 **Validity of empanelment**

The validity of Empanelment and the price accepted shall be up to one year. TSREDCO has right to extend the duration, if necessary.

19 **TSREDCO reserves the right to;**

Negotiate with the Bidders for further reduction of prices. And cancel the tender at any point of time without mentioning any reason.

20 **Banning of business deal:**

The bidder/consortium will be banned from business with TSREDCO if any of the particulars produced by the bidder such as Auditor Certificate, Annual accounts statements, VAT Clearance Certificate, Test certificate, etc. are found to be incorrect, or if there is breach of any of the conditions in the contract.
PART- III: GENERAL TECHNICAL SPECIFICATIONS
## Item 1: Technical Specifications of LED Tube Lights with batten for different capacities

*(Complete LED tube light set)*

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>Specifications</th>
<th>Your Specification (technical details)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dimensions</td>
<td>4 Feet</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Power Consumption including driver loss</td>
<td>18W, 20W &amp; 25W</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Luminous Efficacy of the system</td>
<td>Above 100 lm/W</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Color</td>
<td>5500°K - 6500°K</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Lamp Type</td>
<td>LED Tube Light</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Lamp Material</td>
<td>Anodized aluminium extruded housing with PMMA Cover</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Input Voltage Range &amp; Frequency</td>
<td>140 – 280 VAC, 50 Hz Circuit should cut off beyond voltage range</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Power Factor</td>
<td>Greater than 0.95</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>THD</td>
<td>&lt;10%</td>
<td></td>
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<tr>
<td>10</td>
<td>Beam Angle</td>
<td>100 – 120 deg.</td>
<td></td>
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<tr>
<td>11</td>
<td>Mounting Type</td>
<td>Ceiling/ wall</td>
<td></td>
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<tr>
<td>12</td>
<td>CRI</td>
<td>Greater than 80</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Rated lamp life</td>
<td>Min. 50,000 Hrs.</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Heat Dissipation</td>
<td>Suitable arrangement having low LED driving current</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>IP Rating</td>
<td>IP 20</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Protection</td>
<td>2.5kV Voltage surge protection , Short Circuit Protection</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Driver</td>
<td>Constant current</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>LED chip</td>
<td>Nichia/ Cree/ Osram/ Lumiled / equivalent</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Warranty</td>
<td>three years (whole)</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Diffuser</td>
<td>Glare free milky</td>
<td></td>
</tr>
</tbody>
</table>
Item 2: Technical Specifications of LED Ceiling Lights for different capacities

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>Specifications</th>
<th>Your specification (technical details)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dimensions</td>
<td>595 mm (L) X 595 mm (W)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Power Consumption including driver loss</td>
<td>25W, 30W, 35W, 36W, 37W</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Luminous Efficacy of the Luminaire</td>
<td>Above 100 lm/w</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Color</td>
<td>5500°K to 6000°K</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Lamp Type</td>
<td>Discrete LED</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Fixture Material</td>
<td>Powder coated CRCA Sheet</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Input Voltage Range &amp; Frequency</td>
<td>140 – 280 VAC, 50 Hz Auto cut off beyond voltage range</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Power Factor</td>
<td>Greater than 0.95</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>THD</td>
<td>&lt;10%</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>LED Beam Angle</td>
<td>100 – 120 deg.</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Mounting Type</td>
<td>Recess Ceiling</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>CRI</td>
<td>Greater than 80</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Rated lamp life</td>
<td>Min. 50,000 Hrs.</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Heat Dissipation</td>
<td>Suitable arrangement having low LED driving current</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>IP Rating</td>
<td>IP 20</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Protection</td>
<td>2.5kV Voltage surge protection, Short Circuit Protection</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Driver</td>
<td>Constant current</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>make of driver</td>
<td>Fulam / Philips / Halonix / equivalent</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>LED Chip</td>
<td>Nichia / Cree / Osram / Lumiled / equivalent</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Warranty</td>
<td>three years (whole)</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Diffuser</td>
<td>Glare free full opal Diffuser</td>
<td></td>
</tr>
</tbody>
</table>
### Item 3: Technical Specifications of LED down Lights for different capacities

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Description</th>
<th>Specifications</th>
<th>Your specification (technical details)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dimensions</td>
<td>Cut out dimension : 150mm, Outer dimension : &lt;170mm</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Power Consumption including driver loss</td>
<td>12 W, 15 W &amp; 18 W</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Luminous Efficacy of the system</td>
<td>Above 100 lm/w</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Color</td>
<td>5500°K - 6000°K</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Lamp Type</td>
<td>Discreet LED only.</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Fixture Material</td>
<td>Aluminum die cast,</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Input Voltage Range &amp; Frequency</td>
<td>140 – 280 VAC, 50 Hz Circuit should cut off beyond voltage range</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Power Factor</td>
<td>Greater than 0.95</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>THD</td>
<td>&lt;10%</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Beam Angle</td>
<td>100 – 120 deg.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Mounting Type</td>
<td>Ceiling</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>CRI</td>
<td>Greater than 80</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Rated lamp life</td>
<td>Min. 50,000 Hrs.</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Heat Dissipation</td>
<td>Suitable arrangement having LED driving current</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>IP Rating</td>
<td>IP 20</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Protection</td>
<td>2.5KV Voltage surge protection , Short Circuit Protection</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Driver</td>
<td>Constant current</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>LED chip</td>
<td>Nichia/Cree/ Osram/ equivalent</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>make of drivers</td>
<td>Fulam/Philips/Halonix/equivalent</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Warranty</td>
<td>Three years (whole)</td>
<td></td>
</tr>
</tbody>
</table>
NOTE:

All Tests have to be confirmed and appropriate TEST REPORTS from NABL Accredited laboratory which have to be submitted in Envelope I of Bid. Non-submission of the test report before the opening of the tender will disqualify the bidder in the technical Bid itself.

Additionally following LED related reports shall be provided by manufacturer for all the above models.

(A) LM79 and LM80/IS: 16106 & TM-21
(B) Photo biological Report as per IEC 62471 & IEC/TR 62778 – Ed. 1.0 Test report
(C) LED Chip (Efficacy, CCT and CRI) test report.

TSREDCO is free to draw samples from the supplied quantity and subject the same to test in a NABL Accredited Lab. The decision of TSREDCO on the same shall be binding on the vendor. Failure of the sample will invite strict penalty and disqualify the vendor from future tenders also.
### Item 4: Technical Specifications of Energy Efficient Fans of different capacities

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specifications</th>
<th>Confirm Your specification (technical details)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of fan</td>
<td>External rotor</td>
<td></td>
</tr>
<tr>
<td>Colours</td>
<td>White, Brown or Ivory</td>
<td></td>
</tr>
<tr>
<td>Type of motor</td>
<td>Brush Less Direct Current (BLDC)</td>
<td></td>
</tr>
<tr>
<td>Fan size (Sweep)</td>
<td>1200 mm /48 inch</td>
<td></td>
</tr>
<tr>
<td>Power input</td>
<td>24W, 28W &amp; 32W</td>
<td></td>
</tr>
<tr>
<td>Air delivery</td>
<td>$\geq 210 \text{ m}^3/\text{min}$</td>
<td></td>
</tr>
<tr>
<td>No. of blades</td>
<td>3 (three)</td>
<td></td>
</tr>
<tr>
<td>Remote control operation</td>
<td>The fan shall work with an appropriate remote</td>
<td></td>
</tr>
<tr>
<td>ON/OFF and speed control operation</td>
<td>i. With built-in remote (IR) Sensor for external remote control. Sensor shall be located for signal sensing through the center of the fan motor bottom cover. ii. With Three button remote control for ON/OFF, Speed Increase and Speed Decrease</td>
<td></td>
</tr>
<tr>
<td>Multiple speed settings</td>
<td>From 170 RPM to max speed in near equal steps from remote</td>
<td></td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>110-250V</td>
<td></td>
</tr>
<tr>
<td>RPM</td>
<td>$&gt;310$</td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>48-52 Hz</td>
<td></td>
</tr>
<tr>
<td>Power Factor</td>
<td>$&gt;0.95$</td>
<td></td>
</tr>
<tr>
<td>Energy Efficiency Rating</td>
<td>Bureau of Energy Efficiency Star rating label on Fan</td>
<td></td>
</tr>
<tr>
<td>Service value</td>
<td>$\geq 5$</td>
<td></td>
</tr>
<tr>
<td>Tolerance limits</td>
<td>The performance values are minimum values &amp; shall subject to any tolerance as per IS 374:1979 with all amendments, as applicable</td>
<td></td>
</tr>
<tr>
<td>Type of blades</td>
<td>Aluminum sheet</td>
<td></td>
</tr>
</tbody>
</table>

*A Copy of BEE certificate shall be enclosed along with technical bid (for energy efficient fan) for each fan*
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specifications</th>
<th>Confirm Your specification (technical details)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor construction</td>
<td>Totally enclosed type</td>
<td></td>
</tr>
<tr>
<td>Corrosion resistance</td>
<td>Motor body and blades shall be corrosion resistant</td>
<td></td>
</tr>
<tr>
<td>Other fan accessories</td>
<td>Standard down rod (min 500mm long), canopy (2No.) and shackle clip with lock(2 sets min 2 mm thickness)</td>
<td></td>
</tr>
<tr>
<td>Safety features</td>
<td>Compliance to mechanical safety of fan suspension (clamp and down rod)</td>
<td></td>
</tr>
<tr>
<td>Design and Manufacturing</td>
<td>India</td>
<td></td>
</tr>
<tr>
<td>Onsite Warranty</td>
<td>3 years (onsite)</td>
<td></td>
</tr>
</tbody>
</table>

**BEE Star Label shall be as shown below**

![BEE Star Label Image](image)

Manufacturer Address and other details if any specified in IS 374

*Under standard test condition when tested in accordance with IS 374, the actual energy performance will depend on how the equipment is used*

**BEE Star Label shall be affixed on fan as below**

![BEE Star Label on Fan Image](image)
PART –IV: TECHNICAL BID
1 Technical bid format (Envelope-I)

All pages of the Technical Bid shall be organised section-wise, annexed with proof documents, serially numbered and stitched/spiral bound intact and submitted) **Loose pages shall not be accepted.**

1.1. General Particulars of Tenderer

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Name of Tenderer/Firm</td>
</tr>
<tr>
<td>2.</td>
<td>Postal Address</td>
</tr>
<tr>
<td>3.</td>
<td>E-mail address for communication</td>
</tr>
<tr>
<td>4.</td>
<td>Telephone/ Fax No.</td>
</tr>
<tr>
<td>5.</td>
<td>Name, designation, address, contact number and Email of the representative of the tenderer to whom all references shall be made.</td>
</tr>
<tr>
<td>6.</td>
<td>Nature of the firm (Individual/Partnership/Consortium/ Pvt. Ltd /Public Ltd. Co./ Public Sector, etc.) Attach attested copy of Registration &amp; Partnership deed/ Memorandum of Association</td>
</tr>
<tr>
<td>7.</td>
<td>Amount and particulars of the Earnest Money Deposited.</td>
</tr>
<tr>
<td>8.</td>
<td>Annual Turnover for last three years i.e 2014-2017 (Attach balance sheets from CA in this regard)</td>
</tr>
<tr>
<td>9.</td>
<td>Name and address of the Indian/foreign collaboration if any.</td>
</tr>
</tbody>
</table>
10. PAN NO. (Copy of certificate to be enclosed)

11. Service Tax Registration No., GST No. (copies of certificates to be attached)

12. Has the Tenderer/firm ever been debarred by any institution for undertaking any work?

13. Any other information attached by the Tenderer (Details of Annexure / page no. where its enclosed)

14. Does Tenderer have any relative working in TSREDCO? If yes state the Name and designation.

2 Details of Experience

Please fill in information about Supply & Installation of LEDs & energy efficient Fans in the last three years.

<table>
<thead>
<tr>
<th>Details</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td></td>
</tr>
<tr>
<td>No of LEDs capacity installed</td>
<td></td>
</tr>
<tr>
<td>Total installed Wattage</td>
<td></td>
</tr>
<tr>
<td>Total contract amount (Rs.)</td>
<td></td>
</tr>
<tr>
<td>Energy Efficient Fans</td>
<td></td>
</tr>
<tr>
<td>No of Fans capacity installed</td>
<td></td>
</tr>
<tr>
<td>Total installed Wattage</td>
<td></td>
</tr>
<tr>
<td>Total contract amount (Rs.)</td>
<td></td>
</tr>
</tbody>
</table>

Enclose copies of related work orders along with proof for satisfactory completion of that work.
3 **Details about the blacklisting, if any**

Information on litigation history in which Bidder is involved.

1) Whether black listed/ Debarred/Suspended from execution of work.
2) Other litigations. If any including Court litigations. Arbitrations etc.

<table>
<thead>
<tr>
<th>Department and concerned officer</th>
<th>Other party (ies)</th>
<th>Case of dispute.</th>
<th>Amount involved.</th>
<th>Remarks showing present status.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

**Conditions of contract for Supply, installation & Commissioning:**

The following shall supplement the conditions already contained in the other parts of these specifications and documents and shall govern the scope of contract related to the Supply, Installation and commissioning.

**Scope of services:** - The scope of the work and duties and responsibilities of the contractor shall broadly include the following:

1. Removing of existing appliances and handing over of the same to the respective owner/authorized representative.
2. Supply & Installation including disassembly, pre-assembly etc. and performing trail and pre-commissioning tests, adjustment etc., of the appliances.
3. Repairs, modifications and alterations, etc., of the appliances and equipment, whenever necessary until the warranty ends i.e., up to 3 years from successful commissioning.
4. Rendering clarification and guidance, on technical problems and drawings/ documents relating to the appliances.
5. Preparation of detailed programmes/schedules for Installing and commissioning activities of the appliances including material and manpower planning.
6. Any other related services though not specifically mentioned herein before but necessary for proper execution of the work, as stipulated.
7. The bidder shall make arrangements for the storage at site.
8. Coordination with respective line departments shall be in the scope of bidder.
Work and Services
The contractor shall undertake to perform the complete job as per scope above. Such parts as may have not been specifically included but otherwise form part of the job are deemed to be included unless otherwise specifically excluded.

The contractor shall arrange for the services of fully qualified and competent supervisors and necessary number of personnel as the contractor deems it absolutely necessary with the requisite specialized skills for the replacement, installment and commissioning of equipment.

All tools required for installation shall be arranged by the contractor. The contractor shall make his own arrangements for Boarding & Lodging of his personnel.

The following facilities and services are also covered in the scope of Tenderer.

Unloading and loading of equipment and accessories, transportation to the site and storage. Providing of necessary labor force required for the execution of the job. Providing of necessary transport facilities for the staff to be deputed by the contractor for installation work.

Commissioning Report

On successful completion of work, a report shall be prepared and signed copy of the report to Head office after approved by authorized representative of TSREDCO as well as the owner.

Signature of the authorised person:
Name of the authorised person:
Designation:
Name and Address of Bidder
Stamp of bidder
**Checklist to accompany the tender**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Description</th>
<th>Submitted in Cover ‘A’</th>
<th>Page No. (see Note below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Demand draft towards tender document fee</td>
<td>Yes /No</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>Demand draft toward requisite Earnest Money Deposit (issued by any Nationalized/Scheduled bank)</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Company Registration Certificate</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>NSIC Certificate</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Copy of PAN card.</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Copy of latest Income Tax Clearance returns submitted along with proof of receipt (Latest SARAL form).</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Annual financial statements certified by CA</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Copies of <strong>GST</strong> Registration Certificate.</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Latest <strong>GST</strong>/Sales Tax clearance certificate.</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Experience Certificate (past work orders)</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>All the technical specifications supportive documents as per the tender document</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Availability of local service centers/technical personnel</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Information on litigation history in which Bidder is involved.</td>
<td>Yes /No</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Any other documents/certificate as specified in tender conditions like BEE star label certificate, ISO, BIS etc.</td>
<td>Yes /No</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**

1. All the statements copies of the certificates, documents etc., enclosed to the Technical bid shall be given page numbers along with provide respective flags on the right corner of each certificate, which will be indicated in column (4) against each item. The statements furnished shall be in the formats appended to the tender document.

2. The information shall be filled-in by the Tenderer in the check list, as applicable and shall be enclosed to the Technical bid for the purposes of verification as well as evaluation of the tenderer’s Compliance to the qualification criteria as provided in the Tender document.

3. The bidder shall sign along with stamp on all the statements, documents, certificates by him, owning responsibility for their correctness/authenticity.

4. The technical bid along with all the supportive information as per the tender document shall be properly prepared and enclosed in the bid. The bid document shall be spiral bounded and placed in the respective envelopes and submitted to the address mentioned in the tender document.
PART –V: PRICE BID
1 Price Bid (Envelope-II)

i. Price(s) shall be firm and not subject to escalation on any account, till the contract is executed in full and its subsequent amendments accepted by the supplier even though the completion/execution of order may take longer time than delivery period incorporated and accepted in contract.

ii. The prices quoted shall be lump sum and on FOR destination basis inclusive of all taxes and duties as mentioned in the format provided. The prices shall be FIRM throughout and until Supply, Delivery, Erection, installation, commissioning including 3 year warranty period of the equipment/system covered under the contract is completed.

iii. All applicable taxes/duties/levies etc., of state and central Govt. and any other taxes and duties that are applicable for such contracts in the State of Telangana as on the date of payment released shall be considered.

iv. The Percentage rates of duties and taxes, etc., so considered and the price shall be clearly indicated in the price bid without fail along with the price for Supply, Installation (including removing of existing appliances and handing over of the same to the respective owner/ authorized representative) & Commissioning separately as per the format provided.

1.1 Taxes, Levies and Duties: all the applicable taxes payable shall be shown separately in the invoice.

1.2 Variations in Statutory Levies: Any variation, upward or downward, in statutory levies or new levy is introduced after opening of the bids/placement of order shall be to the account of the Corporation, unless otherwise mentioned in the contract, provided that the delivery is completed within the contractual delivery schedule. In cases where delivery schedule is not adhered to by the supplier and there is upward variation/revision after the agreed delivery date, the bidder/supplier shall bear the impact of such increased levies and if there is downward variation/revision, the corporation shall be given advantage to that extent.

All royalties for patent or charges for the use or infringement thereof that may be involved in the construction or use of any equipment shall be included in the bid price. The bidder /supplier shall protect the Corporation against any and all claims arising on account of the use thereof. The Corporation agrees to furnish the supplier any appropriate information or assistance.
1.3 **Contract performance Security**-

a. The successful bidder shall furnish within one month from the date of issue of Work Order, the contract performance security equal to **10 %** of work order (including Taxes and Duties) for proper fulfillment of the terms and conditions of the contract till full execution of the work and fulfillment of terms and conditions thereof. The amount of Contract Performance Security shall be forfeited to the extent of financial loss suffered by the Corporation, if supplier fails to execute the order and fulfill its terms and conditions.

b. Contract performance Security shall be furnished in the shape of Demand Draft drawn on any nationalized bank in favour of TSREDCO payable at Hyderabad.

c. Contract Performance Security shall be returned to the contractor after three years + three months of successful Performance of the appliances and on receipt of certification from the concerned as per the Work Order/ Purchase Order.

1.4 **Delivery Period**: The bidder has to submit the delivery schedules for material and completion of commissioning of the appliances stipulated in the bid documents. The locations will be informed by TSREDCO at the time of issuing of W.O.

1.5 **Liquidated Damages**:

In case the contractor fails to achieve the successful commissioning of the appliances within the due date for completion as indicated in these bid documents, then the Corporation shall levy the liquidated damages on the contractor at the rate of **1% (one percent) of the contract price per week of delay or part thereof subject to a maximum of 10% of total contract price.** Liquidated Damages so levied will be recovered from the supply/erection bills of the Contractor.

1.6 **Timely Completion**:

The projects proposed by TSREDCO are under promotional policies and time bound programme outlined by the Government of Telangana and Government of India and thus the completion period is essence of the contract and the successful bidder shall take all necessary measures to execute the project in the least possible period preferably before scheduled completion period.

1.7 **Removal of Rejected Goods and Replacement**:

a. If upon delivery, the material/ equipment is found not in conformity with the specifications stipulated in the contract, whether inspected and approved earlier or otherwise, those shall be unacceptable to the Corporation or its authorized
A notification to this effect shall be issued to the supplier, normally within 10 days from the date of receipt of materials.

b. Supplier shall arrange suitable replacement supplies and remove the rejected goods within 7 days from the date of notification failing which, the goods shall be dispatched to vendor by road transport on, freight to pay basis “at suppliers risk and cost.”

c. External damages or shortages that are prima-facie the results of rough handling in transit or due to defective packing shall be intimated within a fortnight of the receipt of the materials. In case of internal defects, damage or shortages or any internal parts, which cannot ordinarily be detected on a superficial visual examination, though due to bad handling in transit or defective packing should be intimated within 3 months from the date of receipt of these articles. In either case the damaged or defective material should be replaced by the supplier free of cost to the Corporation.

d. If no steps are taken within 15 days of receipt of intimation of defects or such other reasonable time as the corporation may deem proper to afford, the corporation may without prejudice to its other rights and remedies arrange for repairs/rectification of the defective materials or replace the same and recover the expenditure incurred from the deposits such as EMD, Performance Security/guarantees or other monies available with the corporation or by resorting to legal action.
**PRICE BID**

Tender No. **TSREDCO/EC/RC for LED Lights & Fans/70 /2018-19, Dated.21.05.2018**

**Name of Work:** Supply & Installation of LED Tube Lights, LED Ceiling Lights, LED Down Lights & Energy Efficient Fans with a warranty period of 3 years at different locations in Telangana State.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Description of work</th>
<th>Capacity in Watts</th>
<th>Basic Cost per appliance</th>
<th>GST</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Supply of LED Tube Lights (TL)</td>
<td>18W</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>20W</td>
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<td></td>
<td></td>
<td>25W</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>2</td>
<td>Supply of LED Ceiling Lights (CL)</td>
<td>25W</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>30W</td>
<td></td>
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<td>35W</td>
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<td>36W</td>
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<td>37W</td>
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<td>Supply of LED Down Lights (DL)</td>
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<tr>
<td></td>
<td></td>
<td>15W</td>
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<td></td>
<td>20W</td>
<td></td>
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</tr>
<tr>
<td>4</td>
<td>Cost for removing of existing appliances (Tube lights etc)</td>
<td>LED TL</td>
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<td></td>
<td></td>
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<tr>
<td>5</td>
<td>Installation Charges for LEDs</td>
<td>LED CL</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td>LED DL</td>
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</tr>
<tr>
<td>6</td>
<td>Supply of Energy Efficient BLDC Fans</td>
<td>24 W</td>
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<td></td>
<td></td>
<td>28 W</td>
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<td></td>
<td></td>
<td>32 W</td>
<td></td>
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<td>7</td>
<td>Cost for removing of existing appliances (Fans)</td>
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<td>8</td>
<td>Installation Charges for fan</td>
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<tr>
<td>9</td>
<td>Transportation cost including loading/unloading</td>
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</tbody>
</table>
PART-VI: ANNEXURES
BIDDERS UNDERTAKING COVERING

(Letter shall be submitted on Bidder(s) Letter Head)

Ref No : Date:

To
The V.C & Managing Director
Telangana State Renewable Energy Development Corporation Limited (TSREDCO)
5-8-207/2, Pigsah Complex,
Nampally, Hyderabad – 500 001

Dear Sir,

Sub: Rate contract tender for Supply, Installation and Commissioning of LED Tube Lights, LED Ceiling Lights, LED Down Lights & Energy Efficient Fans at different Locations in Telangana State - reg.


****

1. We have examined the Tender for Supply, Installation and Commissioning of LED Tube Lights, LED Ceiling Lights, LED Down Lights & Energy Efficient Fans at different Locations in Telangana State as specified in the rate contract Tender. We undertake to meet the requirements and services as required and as set out in the Tender document.

2. We attach our Technical Bid and Price Bid in separate sealed covers as required by the Tender both of which together constitute our proposal, in full conformity with the said Tender.

3. We have read the provisions of Tender and confirm that these are acceptable to us. We further declare that additional conditions, variations, deviations, if any, found in our response shall not be given effect to.

4. We undertake, if our Bid is accepted, to adhere to the requirements as specified in the Tender or such modified plan as may subsequently be agreed.

5. We agree to unconditionally accept all the terms and conditions set out in the Tender document and also agree to abide by this Bid response for a period as mentioned in the Tender from the date fixed for bid opening and it shall remain binding upon us with full force and virtue, until within this period a formal contract is prepared and executed, this Bid response, together with your written acceptance thereof in your notification of empanelment, shall constitute a binding contract between us and TSREDCO.

Telangana State Renewable Energy Development Corporation Limited

Authorized Signature of Bidder
with Stamp
6. We affirm that the information contained in the Technical Bid or any part thereof, including its schedules, and other documents, etc., delivered or to be delivered to TSREDCO is true, accurate, and complete. This proposal includes all information necessary to ensure that the statements therein do not in whole or in part mislead TSREDCO as to any material fact.

7. We also agree that you reserve the right in absolute sense to reject all or any of the products/service specified in the bid response without assigning any reason whatsoever.

8. It is hereby confirmed that I/We are entitled to act on behalf of our company/organization and empowered to sign this document as well as such other documents, which may be required in this connection.

9. We also declare that our Company/Organisation is not blacklisted by any of the State or Central Government and organisations of the State or Central Government.

Signature of the authorised person:
Name of the authorised person:
Designation:
Name and Address of Bidder
Stamp of bidder

CERTIFICATE OF AUTHORISED SIGNATORIES

I, certify that I am (Name) .............................. (Designation) ......................, and that (Name)................................. who signed the above Bid has been duly authorized to sign the same on behalf of our Organisation.

Date:

Signature:

Seal:
DECLARATION (TO BE SUBMITTED ON LETTER HEAD)

I / We ................................................................. have gone through carefully all the Tender conditions and solemnly declare that I / we will abide by any penal action such as disqualification or black listing or determination of contract or any other action deemed fit, taken by, the Department against us, if it is found that the statements, documents, certificates produced by us are false / fabricated.

I / We hereby declare that, I / We have not been blacklisted / debarred / Suspended / demoted in any department in Telangana or in any State due to any reasons.

Date: 

Signature of the Tenderer with Stamp
DECLARATION BY THE TENDERER (TO BE SUBMITTED ON LETTER HEAD)

I/We ...................(Name of the manufacturer/supplier)..............(Hereinafter referred to as Tenderer) being desirous of tendering for the work, under this tender and having fully understood the nature of the work and having carefully noted all the terms and conditions, specifications etc. as mentioned in the rate contract tender document do hereby declare that

1. The tenderer is fully aware of all the requirements of the tender document and agrees with all provisions of the tender document and accepts all risks, responsibilities and obligations directly or indirectly connected with the performance of the tender.

2. The Tenderer is fully aware of all the relevant information for proper execution of the proposed work, with respect to the proposed place of works/ site, its local environment, approach road and connectivity etc. and is well acquainted with actual and other prevailing working conditions, availability of required materials and labour etc. at site.

3. The Tenderer is capable of executing and completing the work as required in the tender and is financially solvent and sound to execute the tendered work. The tenderer is sufficiently experienced and competent to perform the contract to the satisfaction of TSREDCO. The Tenderer gives the assurance to execute the tendered work as per specifications, terms and conditions of the tender on award of work.

4. The Tenderer has no collusion with other tenderers, any employee of TSREDCO or with any other person or firm in the preparation of the tender.

5. The Tenderer has not been influenced by any statement or promises by TSREDCO or any of its employees but only by the tender document.

6. The Tenderer is familiar with all general and special laws, acts, ordinances, rules and regulations of the Panchayat, Mandal, District, State and Central Government that may affect the work, its performance or personnel employed therein.

7. The Tenderer has never been debarred from similar type of work by any Government Undertaking/Department.

8. The Tenderer accepts that the earnest money / security deposit may be absolutely forfeited by TSREDCO if the selected bidder fails to sign the contract or to undertake the work within stipulated time.

Telangana State Renewable Energy Development Corporation Limited

Authorized Signature of Bidder
with Stamp
9. This offer shall remain valid for acceptance for one year from the proposed date of opening of Tender or as per TSREDCO decision.

10. All the information and the statements submitted with the tender are true and correct to the best of my knowledge and belief.

Date:

(Signature of Tenderer with stamp)

**Important Note:**

All the details and information (attachments) as per requirement mentioned in the tender document shall be placed in the respective Annexures and reference shall be mentioned in the respective locations in the bid. All the annexures shall be submitted in Envelope I. i.e., along with technical bid.