

GOVERNMENT OF ASSAM

INSPECTORATE OF ELECTRICITY

OFFICE OF THE

CHIEF ELECTRICAL INSPECTOR -CUM- ADVISER, ASSAM

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BASISTHA ROAD, DISPUR,

GUWAHATI – 781 006, ASSAM.

&

STATE DESIGNATED AGENCY FOR THE STATE OF ASSAM.

UNDER ENERGY CONSERVATION ACT, 2001

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**Invitation for Expression of Interest (EoI)
for supply of LED lamps and supply,
erection, testing & commissioning of LED
Street lights under LED Village Scheme
launched by the
Bureau of Energy Efficiency (BEE).**

July, 2014

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1 LETTER OF INVITATION:

1.1 Advertisement:

This Expression of Interest (EoI) Document is for Supply of LED lamps and Supply, Erection, Testing & Commission of LED Street Lights in Jagun village & Pengeri Chariali village in Tinsukia District of Assam, under BEE's Nationwide 'LED Village campaign'. The Chief Electrical Inspector -cum- Adviser, Assam being the State Designated Agency (SDA) for the State of Assam (hereinafter referred to as the "ASDA") under the provisions of the Energy Conservation Act, 2001(hereinafter referred to as the "EC Act") is committed to the mission to assist the BEE in developing policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the EC Act with the primary objective of reducing energy use intensity in the Indian economy. This will be achieved with active participation of all stakeholders, resulting in accelerated and sustained adoption of energy efficiency in all sectors.

1.2 Critical Information:

Availability of Invitation for EoI	25.07.2014 up to 06.08.2014 between 10:00 hours and 14:30 hours
Last date for receipt of Queries	15:00 hours on 09.08.2014
Last date for receipt of EoI	14:00 hours on 20.08.2014
Time & Date of opening of EoI	15:00 hours on 20.08.2014
Place of opening of EoI	Office of the Chief Electrical Inspector -cum- Adviser, Govt. of Assam, 1 st Floor, West End Block, HOUSEFED Complex, Basista Road, Dispur, Guwahati - 781 006, Assam.
Contact Person for queries & submission of EoI	Md. N. Huda, Dy.Chief Electrical Inspector -cum- Adviser, Govt. of Assam. Ph: +91 361 2224711
Contact E-Mail ID & FAX	assam.sda@gmail.com +91 361 2224622

2 BACKGROUND INFORMATION:

2.1 About State Designated Agency (SDA):

The mission of State Designated Agency (SDA) and Bureau of Energy Efficiency (BEE) is to develop policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the EC Act with the primary objective of reducing energy intensity of the Indian economy. This will be achieved with active participation of all stakeholders, resulting in accelerated and sustained adoption of energy efficiency in all sectors.

The EC Act came into force in March 2002. The setting up of Bureau of Energy Efficiency (hereinafter referred to as the “BEE”) and subsequently ASDA as one of the SDA provides a legal framework for energy efficiency initiatives in the country. The EC Act empowers the Central Government and in some instances the State Governments to:

Notify energy intensive industries, other establishments, and commercial buildings as designated consumers;

Establish and prescribe energy consumption norms and standards for designated consumers;

Direct designated consumers to –

- Designate or appoint certified energy manager in charge of activities for efficient use of energy and its conservation.
- Get an energy audit conducted by an accredited energy auditor in the specified manner and intervals of time;

Furnish information with regard to energy consumed and action taken on the recommendation of the accredited energy auditor to the designated agency;

Comply with energy consumption norms and standards, and if not so, to prepare and implement schemes for efficient use of energy and its conservation;

Prescribe energy conservation building codes for efficient use of energy and its conservation in commercial buildings;

Amend the energy conservation building codes to suit regional and local climatic conditions;

Direct owners or occupiers of commercial buildings to comply with the provisions of Energy Conservation Building Codes;

Direct mandatory display of label on notified equipment and appliances;

Specify energy consumption standards for notified equipment and appliance;

Prohibit manufacture, sale, purchase and import of notified equipment and appliances not conforming to standards.

The EC Act defines the powers of the State Government to facilitate and enforce efficient use of energy and its conservation. The State Governments have to designate State Designated Agencies in consultation with the Bureau of Energy Efficiency to coordinate, regulate and enforce the provisions of the Act in the State. Thus the State Designated Agencies are the strategic partners for promotion of energy efficiency and its conservation in the country.

2.2 Organization: Chief Electrical Inspector -cum- Adviser, Assam.

Under the provisions of the EC Act, State Designated Agency has been established with effect from 06th September 2002.

The mission of the State Designated Agency is to assist in developing policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act, 2001 with the primary objective of reducing energy intensity of the Indian economy. This will be achieved with active participation of all stakeholders, resulting in accelerated and sustained adoption of energy efficiency in all sectors.

3. OBJECTIVE OF NATIONWIDE LED VILLAGE CAMPAIGN:

The objective of the scheme is to convert an entire electrified village comprising 200 to 250 households to LED lamp village. 3 to 4 light points of each household may be considered for replacement. The scheme also includes converting the existing Street Lamp luminaries of the village with LED Lamps.

4. INVITATION OF TECHNICAL & FINANCIAL BIDS:

The Technical and Financial Bids are invited for (i) Supply of 1200 nos. of LED lamps to replace existing incandescent lamps in 2 villages comprising about 300 households and (ii) Supply, Erection, Testing & Commissioning of about 50 nos. of LED Street light fittings (including fitting accessories) to replace existing incandescent/ TL lamp fittings in Jagun village & Pengeri Chariali village in Tinsukia District of Assam.

5. TECHNICAL BID:

Schedule of Works, Supply of LED lamps and Supply, Erection, testing & Commissioning LED Street light fittings to replace existing incandescent lamps in households and existing street lamps in Jagun village & Pengeri Chariali village in Tinsukia District of Assam.

5.1 DETAILS OF TECHNICAL BID:

Sl. No.	Description	Quantity (approximate)
1.	Supply of LED bulbs for replacing existing electric lamps, 4 per households in Jagun village (200 HH) & Pengeri Chariali village (100 HH) in Tinsukia District of Assam for about 300 households.	1200 (Twelve hundred) Nos.
2.	Supply, Erection, Testing & Commission of LED street light fittings to replace existing incandescent/ TL lamp fittings (including fitting accessories) in Jagun village (25 Nos.) & Pengeri Chariali village (25 Nos.) in Tinsukia District of Assam.	50 (Fifty) Nos.

5.1.1 TECHNICAL REQUIREMENTS FOR REPLACING A BULB OR CFL WITH 7 WATT LED LAMP IN A RETROFIT SITUATION FOR HOME LIGHTING SYSTEM:

Supply Source	110 - 270 volt AC. The luminary shall work on single phase three wire system (Phase, Neutral & Earth) and shall have to be able to withstand allowable supply source voltage fluctuations, spikes and harmonics.
LED Array Wattage (Rated Wattage)	7 W ($\pm 5\%$)
Total System Wattage (Luminary Wattage)	\leq (Rated Wattage + 15% of Rated Wattage)
Base	B22
Frequency	50 +/- 1 Hz
LED Drive Current	350 – 700 mA
System Power Efficiency	>80%
LED Efficacy	>110 lumens / watt
Luminaire Efficacy	>90 lumans / watt
Colour Temperature	>5500°K.
Luminary Angle	Minimum 100° (± 5)
Total Lumen Output	≥ 630 lumens
Usage Hours	10 - 12 hrs per day
Luminaries Body Temperature after 12 hours of continuous operation	$\leq 30^{\circ}\text{C}$ from ambient
Power Factor	Greater than 0.90

Life Expectancy	50,000 burning hours or more
Colour Rendering Index	>70
Total Harmonics Distortion (THD)	Should be less than 15%
IP Protection	Luminary, Optical & Control Gear compartment with IP65 or better.
LED Assembly	LEDs must be mounted on Copper MCPCB for high thermal conductivity and fastest heat transfer from the LED junction.
Operating Temperature Range	-20°C to + 50°C
Operating Humidity	10% to 90% RH.

General Requirements

- (i) LED lamps of NICHIA / OSRAM / SEOUL / PHILIPS Lumileds/ LEDNIUM / CREE make shall be used for the purpose.
- (ii) The luminaire casing/housing shall be of Pressure Die Cast Aluminum housing with corrosion resistant polyester powder coating & safety as per IEC60598 / IS 10322.
- (iii) The electronic components used shall be as follows:-
 - a) IC (Integrated circuit) shall be of industrial grade or above.
 - b) Metallic film / Paper/Polyester Capacitor shall be rated for a sustained operating temperature of 105°C.
 - c) The resistors shall be preferably made of metal film of adequate rating. The actual rating versus loading shall be by a factor of 3.
 - d) The junction temperature of the Switching devices such as transistors and MOSFETs etc. shall not exceed 125°C (allowing thermal margin of 25 °C).
 - e) The protective cum adhesive coating used on PCBs should be cleared and transparent and should not affect colour code of electronic components or the product code of the company.
 - f) The construction of PCBs and the assembly for components for PCBs should be as per IS standards.
 - g) The electronics covered for this equipment shall pass all the tests called for in the above specification. The tenderer shall indicate the deviation or compliance otherwise the offer shall not be considered for evaluation.
 - h) The infrastructure for Quality Assurance facilities as called for in the above specification must be available at the manufacturing works. In-house testing facility for Quality Assurance should be present. Bidders must submit necessary documents to support the same.

- (iv) The connecting wires used inside the luminaries, shall be low smoke halogen free, fire retardant e-beam cable and fuse protection shall be provided in input side.
- (v) Care shall be taken in the design that there is no water stagnation anywhere. The entire housing shall be dust and water proof having IP65 protection as per IEC 60529.
- (vi) The LED Module(s), Driver gear, etc. shall be designed in such a way so that temperature of heat sink shall not exceed 15°C above the ambient temperature.
- (vii) All the material used in the luminary shall be halogen free and fire retardant confirming to UL94.
- (viii) In-Built protection of the luminary are as follows
 - Surge Protection – 4 kV
 - Over Voltage Protection –280 V
 - Short Circuit Protection – Constant current limit mode.
 - Over temperature protection – Auto shut off.
- (ix) Optics of the luminary are as follows –
 - Secondary lens array should be provided for optimized roadway photometric distribution. Photometric measurements in accordance with LM-79/IS16105.
 - Lens material should be optical high grade PMMA with more than 90% light transmittance.

5.1.2 TECHNICAL REQUIREMENTS OF 18 WATT LED FOR VILLAGE STREET LIGHTING SYSTEM:

Supply Source	180 - 280 volt AC. The luminary shall work on single phase three wire system (Phase, Neutral & Earth) and shall have to be able to withstand allowable supply source voltage fluctuations, spikes and harmonics.
LED Array Wattage (Rated Wattage)	18 W (±5%)
Total System Wattage (Luminary Wattage)	≤ (Rated Wattage + 15% of Rated Wattage)
Frequency	50 +/- 1 Hz
System Power Efficiency	≥ 85 %
Operating Temperature Range	-20°C to +50°C

Operating Humidity	10% to 90% RH
Luminaire Efficacy	The luminaires should have a system efficacy of 90 lm/W or above
LED Efficacy	The luminaires should have a system efficacy of 110 lm/W or above
LED Requirement	Power LED with correlated color temperature of more than 5500K.
LED Drive Current	350 – 700 mA
Total Lumen Output	≥1620 lumens
LED Beam Angle	Fully Cut-Off
Control Gear	Prewired with PVC insulated Copper wiring up –to terminal block.
Usage Hour	10 to 12 hrs per day
Power Factor	Greater than 0.90
Colour Rendering Index	Greater than 70
Life Expectancy	50,000 burning hours
Luminaries body temperature after 12 hours of continuous operation	≤30°C from ambient.
Total Harmonics Distortion (THD)	Should be less than 15%
Construction	High power SMD and LED must be mounted on Copper MCPCB for high thermal conductivity and fastest heat transfer from the LED junction
IP Protection	Luminary, Optical & Control Gear compartment with IP65 or more.
Luminary Housing	<ul style="list-style-type: none"> • Pressure Die Cast Aluminum housing with corrosion resistant polyester powder coating & safety as per IEC60598 / IS 10322. • Should have mounting bracket with aiming & locking facilities. • Good thermal management system should be provided with suitable large surface area with fins to dissipate the heat to ambient air and block any accumulation of dust / water.
General Requirements	
<p>(i) LED lamps of NICHIA / OSRAM / SEOUL / PHILIPS LUMILEDS/ LEDNIUM / CREE make shall be used for the purpose.</p> <p>(ii) The luminaire casing/housing shall be of Stainless steel SS304 grade or aluminum having high conductivity preferably grade 5000 or similar to high</p>	

- conductivity heat sink material.
- (iii) The electronic components used shall be as follows:-
- a) IC (Integrated circuit) shall be of industrial grade or above.
 - b) Metallic film / Paper/Polyester Capacitor shall be rated for a sustained operating temperature of 105°C.
 - c) The resistors shall be preferably made of metal film of adequate rating. The actual rating versus loading shall be by a factor of 3.
 - d) The junction temperature of the Switching devices such as transistors and MOSFETs etc. shall not exceed 125°C (allowing thermal margin of 25 °C).
 - e) The protective cum adhesive coating used on PCBs should be cleared and transparent and should not affect colour code of electronic components or the product code of the company.
 - f) The construction of PCBs and the assembly for components for PCBs should be as per IS standards.
 - g) The electronics covered for this equipment shall pass all the tests called for in the above specification. The tenderer shall indicate the deviation or compliance otherwise the offer shall not be considered for evaluation.
 - h) The infrastructure for Quality Assurance facilities as called for in the above specification must be available at the manufacturing works. In-house testing facility for Quality Assurance should be present. Bidders must submit necessary documents to support the same.
- (iv) The connecting wires used inside the luminaries, shall be low smoke halogen free, fire retardant e-beam cable and fuse protection shall be provided in input side.
- (v) Care shall be taken in the design that there is no water stagnation anywhere. The entire housing shall be dust and water proof having IP65 protection as per IEC 60529.
- (vi) The LED Module(s), Driver gear, etc. shall be designed in such a way so that temperature of heat sink shall not exceed 15°C above the ambient temperature.
- (vii) All the material used in the luminaire shall be halogen free and fire retardant confirming to UL94.
- (viii) In-Built protection of the luminary are as follows
- Surge Protection – 3 kV
 - Over Voltage Protection – 280 V
 - Short Circuit Protection – Constant current limit mode.
 - Over temperature protection – Auto shut off.
- (ix) Optics of the luminary are as follows –
- Secondary lens array should be provided for optimized roadway photometric distribution. Photometric measurements in accordance with LM-79/IS16105.
 - Lens material should be optical high grade PMMA with more than 90% light transmittance.

5.1.3 GURANTEED TECHNICAL PARTICULARS (TO BE SUBMITTED BY THE BIDDER):

S. No.	Parameters	Guaranteed Value
1	LED Operating Current	
2	Output Luminous Flux of luminaire	
3	Beam Angle of Luminaire	
4	Avg. Lux Level of Luminaire	
5	Uniformity	
6	Photometric Curve	
7	Material of Luminaire & Diffuser	
8	Dimension	
9	Weight	
10	Conformity with IP-65 Fixtures	
11	LED Life	

6. STATUTORY REQUIREMENTS FOR BOTH HOME LIGHTING AND VILLAGE STREET LIGHTING:

- I. The connecting wires used inside the luminaire, shall be low smoke halogen free, fire retardant e-beam cable and fuse protection shall be provided in input side.
- II. All the material used in the luminaire shall be halogen free and fire retardant confirming to UL94.
- III. Lumen maintenance of 70% for at least 25000 hours for interior applications and 35000 hours for exterior applications. Data sheet showing lumen maintenance in the LED shall also be submitted.
- IV. The bidder should also offer Annual Maintenance Contract (AMC) package(s) for the Street Light luminaires for post Warranty period.
- V. All the supplied lamps, luminaires and fittings shall carry permanent marking as **“Not for sale - BEE’s LED Village Campaign”**.

7. INSTRUCTIONS TO BIDDING FIRMS:

7.1 Procedure for Submission of EoI:

The Bidder should submit one hard copy of the Expression of Interest (EoI) and one soft copy in a sealed cover. The EoI will be in two envelopes marked **A** and **B**.

Envelope A should contain only technical qualifications as specified and

Envelope B should have the price bid. Format for price bid has been prescribed and it is expected to be per unit of item to be supplied covering the work. Any other form of price bid may become liable for rejection of bid.

The copy of EoI should be a complete document and should be bound as a volume. The document should be page numbered and appropriately flagged and contain the list of contents with page numbers. Different copies must be bound separately. The deficiency in documentation may result in the rejection of the Bid. The soft copy of the EoI should be submitted, in the form of a non-re-writeable CD (Compact Disc). The CD media must be duly signed by the Bidder using a "Permanent Pen/Marker" and should bear the name of the Bidder. The sealed cover should be super scribed with the wordings "**LED Village Scheme**".

Bidder must ensure that the information furnished by him/her in respective CDs is identical to that submitted by him/her in the original paper document. In case of any discrepancy observed in the contents of the CDs and original paper documents, the information furnished on original paper document will prevail over the soft copy.

7.2 Cost of EoI:

The Bidder shall bear all costs associated with the preparation and submission of its EoI, including cost of presentation for the purposes of clarification of the bid, if so desired by SDA. SDA will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering process.

7.3 Contents of the EoI:

The Bidder is expected to examine all instructions, forms, terms & conditions and Statement of Work in the EoI documents. Failure to furnish all information required or submission of an EoI Document not substantially responsive to the EoI in every respect will be at the Bidder's risk and may result in the rejection of the EoI.

7.4 Language of Bids:

The Bids prepared by the Bidder and all correspondence and documents relating to the bids exchanged by the Bidder, shall be written in English language, provided that any printed literature furnished by the Bidder may be written in another language so long the same is accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.

7.5 Confidentiality:

SDA requires that recipients of this document to maintain its contents in the same confidence as their own confidential information and refrain from any public disclosure whatsoever.

7.6 Disclaimer:

SDA and/or its officers, employees disclaim all liability from any loss or damage, whether foreseeable or not, suffered by any person acting on or refraining from acting because of any information including statements, information, forecasts, estimates or projections contained in this document or conduct ancillary to it whether or not the loss or damage arises in connection with any omission, negligence, default, lack of care or misrepresentation on the part of SDA and/or any of its officers, employees.

7.7 Authorized Signatory (Bidder):

The "Bidder" as used in the EoI shall mean the one who has signed the EoI document forms. The Bidder should be the duly Authorized Representative of the Company/firm. All certificates and documents (including any clarifications sought and any subsequent correspondences) received thereby, shall, as far as possible, be furnished and signed by the Authorized Representative.

The power or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the Bidder shall be annexed to the bid in case of a tenderer not being a Government body/undertaking/PSU. SDA may reject outright any proposal not supported by adequate proof of the signatory's authority.

7.8 Contact details of the Bidder:

Bidder, who wants to receive SDA's response to queries, should give their contact details to SDA. The Bidder should send their contact details in writing the SDAs contact address indicated in Para 1.2 of this document.

7.9 Queries on the EoI Document:

Bidder requiring any clarification on this Document may send a query in writing at the SDA's contact address indicated in Para 1.2 of this document. SDA's response (including an explanation of the query) to all the queries, received not later than the dates prescribed by the SDA in Para 1.2 of this document, will be made available and sent to the Bidders who have given their contact details. SDA may also hold a conference to give clarifications and invitation of the same will be sent to the Bidders who have given their contact details.

7.10 Amendment of EoI:

At any time prior to the last date for receipt of bids, SDA, may, for any reason, whether at its own initiative or in response to a clarification requested by prospective Bidder(s), modify the EoI Document by an amendment. In order to provide prospective Bidders reasonable time in which to take the amendment into account in preparing their bids, SDA may, at its discretion, extend the last date for the receipt of Bids and/or make other changes in the requirements set out in the Invitation for EoI.

7.11 Cost of Bid Document and Bid Processing Fees:

All bids must be accompanied by a bid processing fee of **Rs.1,000/-** (Rupees One thousand only) and cost of EoI document amounting **Rs.300/-** (Rupees Three Hundred Only) (*in case of the EoI document downloaded from SDA's website*) in the form of Demand Drafts from any Scheduled Bank or Nationalized Bank drawn in favour of the **CHIEF ELECTRICAL INSPECTOR -CUM- ADVISER, GOVT. OF ASSAM** and payable at par in **GUWAHATI**.

7.12 Earnest Money Deposit (EMD):

- (i) The Earnest Money amounting to **Rs.1,75,000/- (Rupees One Lac Seventy Five Thousand Only)** shall be paid by each tenderer, in the form of Demand Drafts from any Scheduled Bank or Nationalized Bank drawn in favour of **CHIEF ELECTRICAL INSPECTOR -CUM- ADVISER, GOVT. OF ASSAM** and payable at par in **GUWAHATI**, to be enclosed along with the sealed tender;
- (ii) Any category of tenderers specifically exempted by the Government from the payment of Earnest Money Deposit are not required to make such a deposit provided they enclose copies of documents proving exemption;
- (iii) The Earnest Money Deposit will be refunded to the successful tenderer only after satisfactory completion of the ordered works and on proper fulfillment of contract;
- (iv) In the case of unsuccessful tenderers, the Earnest Money Deposit will be refunded to them within three months of finalising the tender;
- (v) The Earnest Money Deposit will not carry any interest.

Tenders received without the Earnest Money Deposit other than specified in sub-clause (ii) above will be summarily rejected.

8.0 TIMELINE AND DELIVERABLES:**8.1 Broad Timeline:**

The broad timeline for the demo Project is as under:

Issue of order	Commencement of Supply	Expected completion date
By the SDA.	Within 30 days of receipt of Work order from SDA.	Within 15 days from the date of commencement of works for LED lamps and 45 days from the date of commencement of works for LED Street Lights.

8.2 Payment Schedule:

50% payment will be made after receiving of ordered items at site.
 40% payment will be made after completion of the work as per EoI document.
 10% payment will be made after completion of warranty period.

Applicable taxes as deductible at source will be deducted from the bill amount.

No living accommodation for the staff of bidder shall be provided by the SDA.

ASDA will not issue any C Form and Waybill / Road Permit to the successful bidder; neither shall arrange any space to store the material or its component under this project.

8.3 Documents Comprising the EoI

The proposal prepared by the Bidder shall comprise the following components:

- i. EoI Form 1 : EoI Letter Proforma (refer Para 9.1)
- ii. EoI Form 2 : Comments and Suggestions (refer Para 9.2)
- iii. EoI Form 3 : Declaration Letter (refer Para 9.3)
- iv. EoI Form 4: Financial bid (refer Para 9.4)
- v. Bid processing fee of Rs.1,000/- (Rupees One Thousand only).
- vi. Earnest Money Deposit of Rs.1,75,000/- (Rupees One Lac Seventy Five Thousand only) (refer Para 7.12)
- vii. In case of a tenderer not being a Government body/undertaking/PSU, registered Power of Attorney executed by the Bidder in favor of the Principal Officer or the duly Authorized Representative, certifying him/her as an authorized signatory for the purpose of this EoI.
- viii. SDA shall not be responsible for non-receipt / non-delivery of the EoI due to any reason whatsoever. Bidders are advised to study the EoI document carefully. Submission of EoI shall be deemed to have been done after careful study and examination of the EoI document with full understanding of its implications.

8.4 Liquidated Damages

If the bidder fails to complete the supply work within the stipulated time as per foregoing Para 8.1, SDA shall be entitled to recover 50% of the Earnest Money Deposit on expiry of the first week of delay and if firm fails to complete the entire work within the stipulated time frame then SDA shall be entitled to recover 25% of the Earnest Money Deposit on expiry of the first week of delay and the rest 25% of the Earnest Money Deposit on expiry of the second week of delay. **Quantum of liquidated damages as assessed for realization by SDA shall be final and not challengeable by the bidder.**

8.5 Test certificates and instruction book etc.

The bidder shall furnish to the SDA the following documents along with the consignment.

Printed Pamphlets/Catalogues: 4 authenticated copies for each item.

The bidder shall furnish the relevant Test Certificates complying ordered specifications along with consignment of material.

8.6 Guarantee / Warranty / Maintenance / Service

All supplied items shall be guaranteed for a period of 5 years from the date of handing over the ordered items to SDA against unsatisfactory performance and/or break down due to defective design, workmanship of material. The items or

components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the SDA.

The bidder should also offer Annual Maintenance Contract (AMC) package(s) for the Street Light luminaires for post Warranty period.

8.7 Jurisdiction

All legal proceedings in connection with this contract shall be subject to the territorial jurisdiction of local civil courts at Guwahati only.

8.8 Preliminary Scrutiny

Preliminary scrutiny of the proposal will be made to determine whether they are complete, whether required process fee has been furnished, whether the documents have been properly signed, and whether the bids are generally in order. Proposals not conforming to such preliminary requirements will be prima facie rejected.

8.9 Technical evaluation

The Technical Evaluation of Pre-qualified Bidders shall be carried out to achieve the objective of assignment as detailed in the Terms of Reference the bidders will outline their methodology in their proposals giving a brief description of methods that they intend to adopt to achieve this objective.

The evaluation of the proposals shall be carried out in two stages: Firstly the quality, and then the cost. The financial proposals shall be opened only after the technical proposals have been evaluated and concluded. "Financial Bid" of only technically qualified bidders shall be opened.

8.10 Evaluation of Proposals

The proposals will be evaluated on the basis of the prescribed specifications. However, SDA in its sole/absolute discretion can apply whatever criteria deemed appropriate in determining the responsiveness of the EoI submitted by the bidders. **The price bid for all technically qualified bidders will be opened and the contract will be awarded to the lowest price bidder. ASDA may split the order to more than one party, if felt required so by the ASDA.**

8.11 Force Majeure

If, at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (hereinafter referred to as events) provided notice of happenings of any such eventuality is given by either party to the other within 5 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such

an event come to an end or cease to exist, and the decision of SDA as to whether the deliveries have been so resumed or not shall be final and conclusive. Further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reasons of any such event for a period exceeding 30 days, either party may, at its option, terminate the contract.



9 EoI FORMS

EoI is to be submitted in the following format along with the necessary documents as listed. The EoI shall be liable for rejection in the absence of requisite supporting documents.

9.1 EoI Form 1: EoI Letter Proforma

To

The Chief Electrical Inspector -cum- Adviser,
 Government of Assam,
 State Designated Agency for the State of Assam under EC Act,
 1st Floor, West End Block, HOUSEFED Complex, Basistha Road,
 Dispur, Guwahati - 781 006, Assam.

Sub: Supply of LED bulbs and Supply, Erection, Testing & Commission of LED Street Lights under BEE’s “LED Village Campaign” Scheme for the State Designated Agency, Assam.

Sir,

The undersigned Bidders, having read and examined in detail all the EoI documents in respect of appointment of a bidder for SDA, do hereby express their interest to Supply of LED lamps and Supply, Erection, Testing & Commission of LED Street Lights under BEE’s “LED Village Campaign” Scheme for the State Designated Agency, Assam as specified in the scope of work

1. Correspondence Details

Our correspondence details are:

1	Name of the Bidder	
2	Status of the Bidder : Manufacturer / Authorized Dealer If Manufacturer - Copy of Company Incorporation Certificate MUST be submitted with the Technical Bid. If Authorized Dealer – Attested copy of valid Dealership Certificate MUST be submitted with the Technical Bid	
3	Address of the Bidder	
4	Name of the contact person to whom all references shall be made regarding this tender	
5	Designation of the person to whom all references shall be made regarding this tender	
6	Address of the person to whom all references shall be made regarding this tender	
7	Telephone (with STD code)	
8	E-Mail of the contact person	
9	Fax No. (with STD code)	

2. Document forming part of EoI

We have enclosed herewith the followings:

- i. EoI Form 2 : Comments and Suggestions (refer Para 9.2)
- ii. EoI Form 3 : Declaration Letter (refer Para 9.3)
- iii. EoI Form 4 : Financial Bid {refer Para 9.4} (Separate Envelop)
- iv. Bid processing fees
- v. Earnest Money deposit
- vi. Registered Power of Attorney executed by the Bidder in favor of the Principal Officer or the duly Authorized Representative, certifying him/her as an authorized signatory for the purpose of this EoI. (In case of a tenderer not being a Government body/ undertaking/PSU)
- vii. Guaranteed Technical Specification separately for both the items
- viii. Copy of Company Incorporation Certificate / Dealership Certificate

3. We hereby declare that our EoI is made in good faith and the information contained therein is true and correct to the best of our knowledge and belief.

Thanking you.

Yours faithfully

(Signature of the Bidder)

- Name :
- Designation :
- Seal :
- Date :
- Place :
- Business Address:

Witness:

Signature

Name

Address

Date

Bidder:

Signature

Name

Designation

Company/Firm

Date

9.2 EoI Form 2: Comments and Suggestions

[Suggest and justify here any modifications or improvement to the scope of work, tasks to be performed, timeline, deliverables, payment terms etc. to improve performance in carrying out the Assignment. The Bidder can suggest deleting some activity or adding another, or proposing a different phasing of the activities. Such suggestions should be concise and to the point.]

(Maximum two pages)

9.3 EoI Form 3: Declaration Letter.

Declaration Letter on official letter head stating the following:

- i. We are not involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this contract
- ii. We are not black-listed by any Central / State Government / Public Sector Undertaking in India

Witness:	Bidder:
Signature _____	Signature _____
Name _____	Name _____
Address _____	Designation _____
_____	Company _____
Date _____	Date _____

9.4 EoI Form 4 : EoI Financial Bid

To

The Chief Electrical Inspector -cum- Adviser,
Government of Assam,
State Designated Agency for the State of Assam under EC Act,
1st Floor, West End Block, HOUSEFED Complex, Basistha Road,
Dispur, Guwahati - 781 006, Assam.

Sub: Supply of LED lamps and Supply, Erection, Testing & Commission of LED Street Lights under BEE's "LED Village Campaign" Scheme for the State Designated Agency, Assam.

Sir,

The undersigned Bidders, having read and examined in detail all the EoI documents in respect of appointment of a Manufacturer / Authorized Dealer for SDA, do hereby express their interest to Supply of LED bulbs and Supply, Erection, Testing & Commission of LED Street Lights under BEE's "LED Village Campaign" Scheme for the State Designated Agency, Assam as specified in the scope of work.

We confirmed our price which is as follows:

Sl No.	Item	Make / Model No	Amount per unit (inclusive of taxes) in Rupees.	Total Amount (inclusive of taxes) in Rupees.	
			(In figures)	(In figures)	(In words)
1	Supply of LED Bulbs as per Clause 5.1.1				
2	Supply, Erection, Testing & Commissioning LED Street Light Luminaire fittings as per Clause 5.1.2				

(Bidder MUST quote for both the items mentioned in Sl No. 1 & 2 separately)

In case of any difference of amount in figures and words, the amount in words will be considered.

Witness:

Bidder:

Signature

Signature

Name

Name

Address

Designation

Company/Firm

Date

Date

