

**EXPRESSION OF
INTEREST (EOI)
FOR
THE EMPANELMENT OF AGENCIES FOR DESIGN, SUPPLY, INSTALLATION,
COMMISSIONING OF 12 W WHITE-LED BASED SOLAR STREET LIGHTING
SYSTEM**

ReferenceNo.BECIL/IT&Mfg./2019-20/SSLs/01

(Dated:11/09/2019)



ब्रॉडकास्ट इंजीनियरिंग कंसल्टेंट्स इंडिया लिमिटेड
(सूचना एवं प्रसारण मंत्रालय के अधीन-भारत सरकार का उद्यम) (मिनि रत्न कम्पनी) (CIN - U32301UP1995GOI017744)
BROADCAST ENGINEERING CONSULTANTS INDIA LIMITED
(A Government of India Enterprise - Under Ministry of Information & Broadcasting) (A Mini Ratna Company)
पंजीकृत एवं शील्डेट कार्यालय : बेंगलूर नगर, से-56/ ए-17, सेक्टर-62, नोडा-201307 (उ.प्र.) फोन : +91 120 4177850, फैक्स : +91 120 4177879
Registered & Corporate Office : BECIL BHAWAN, C-56/A-17, Sector-62, Noida-201307 (U.P.), Tel. : +91 120 4177850, Fax: +91 120 4177879



Head Office:14-B, Ring Road, I.P. Estate, NewDelhi-110002 [Tel:011-23378823](tel:011-23378823) Fax:
23379885

Corporate Office: C-56/A17, Sector-62, Noida-201307 [Tel:0120-4177850](tel:0120-4177850)
Fax:120- 4177879

Email:contactus@BECIL.com, vinod.dahiya@becil.com,Website:www.BECIL.com



BROADCASTENGINEERINGCONSULTANTSINDIALIMITED

(A Govt. of India Enterprises–A Mini Ratna Company)

An ISO 9001:2008 Certified Company

Head Office:14-B, Ring Road, I.P.Estate, NewDelhi-110002,Tel.:011-23378823 Fax:

23379885 Corporate Office: C-56/A17, Sector-62, Noida-201307,Tel.:0120-4177850

Fax:120-4177869

S.No	Description	Details
1.	EOINO	BECIL/IT&Mfg./2019-20/SSLS/01
2.	Date of Issue of EOI	11/09/2019
3.	Last date of Submission of EOI	25/09/2019 till 1:00P.M.
4.	Date of opening of EOI	25/09/2019 till 2:30P.M.
5.	Address of: Purchase of EOI Document/ Submission of EOI/Opening of EOI	Broadcast Engineering Consultant Limited (BECIL) BECIL Bhawan,C-56,A/17,Sector – 62, Noida–201307 (Uttar Pradesh) Ph.0120–4177850Fax.012.0–417787
6.	Website	Tender to be submitted online on https://becil.euniwizarde.com,
7.	Cost of EOI Document	Rs.10,000/-In the form of DD in favour of Broadcast Engineering Consultants India Limited, payable at NewDelhi.
8.	Processing Fee	Rs.3000/-+18% GST through e-payment Gateway available on e-tendering website.
9.	Contact details of ITI	Mr. SamAbesh: 9355030634 Mr. Navneet: 9560364871 Mr. Nehal: 8800991855
10.	HelpDesk of ITI	011-49606060 (From 10:00hrsto 18:00hrs)
11.	Period of Empanelment	2 Years

Sh. Vinod Kumar

Assistant General Manager(IT & Manufacturing)

ABOUTBECIL:

- 1.1. Broadcast Engineering Consultants India Limited (BECIL) and ISO9001:2008 certified, a Mini Ratna public sector enterprise of Government of India under Ministry of Information & Broadcasting, was established on 24th March, 1995 for providing consultancy services of international standards for broadcasting in transmission and production technology including turnkey solutions in the specialized fields of Terrestrial & Satellite Broadcasting, Cable, Manufacturing and various Information Technology(IT) related fields, including security, surveillance, acoustics & audio-video systems and smart cities.
- 1.2. BECIL is the professional platform which caters to all aspects of projects related to TV, Radio, Communication, IT, Security, Security and Manufacturing from concept to completion and from regulation to realization.

Part I-General Information

- a. Complete EOI document can be download from e-Tender portal of BECIL <https://becil.euniwizarde.com> and www.becil.com.
- b. Technical Bid will be submitted concurrently duly digitally signed on the website <https://becil.euniwizarde.com>.
- c. It is mandatory for all the applicants to have Class-III Digital Signature Certificate (in the name of person who will sign the bid document) from any of the licensed certifying Agency.
- d. Tender fee deposit shall be placed in a single sealed envelope super scribed with tender reference No and date of opening so as to reach Broadcast Engineering Consultant India Limited 56A/17, Block 'C', Noida-201307 (UP) before scheduled time on prescribed tender opening date. Hard copy of any other tender document shall not be accepted.

2. EOINOTICE:

2.1. Broadcast Engineering Consultants India Limited (BECIL) invites online/**e-tender** Expression of Interest (EOI) from agencies having proven experience and ability in the area of Solar Lighting System Solutions.

The bidders are advised to submit single sealed envelope super scribed "Payment for EOI Document".

The "Technical Bid" contains Technical document towards eligibility criteria are to be submitted through e-tender and only "cost of EOI" document has to be submitted offline.

The Payment for EOI Document envelope must be submitted at the below given name and address:

General Manager (IT & Manufacturing)
Broadcast Engineering Consultants India
Limited
BECIL Corporate Office C-56/A-17, Sector-62, Noida-201307 (UP)

2.3. The EOI must be submitted in English or Hindi language only with a font size of

12. All the document including the supporting documents/enclosures etc. must be fully legible. Supporting documents if in a language other than English must be accompanied by a certified English translated document. The English version shall prevail in matters of interpretation. EOI documents which are not legible shall be rejected.

2.4. Each bidder shall submit only ONE EOI through our online tendering portal either by herself/himself.

2.5. The bidder shall bear all costs associated with the preparation and submission of EOI and BECIL will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the EOI process

2.6. In case the bidder has any doubt about the meaning of anything contained in the EOI document, she/he shall seek clarification within 7 days of issue of EOI. Except for any written clarification by Shri Mazhar Umer, GM (IT & Manufacturing) or Vinod Kumar (AGM) BECIL via email to vinod.dahiya@becil.com, no written or oral communication, presentation or explanation by any other employee of BECIL shall be taken to bind or fetter BECIL under the contract.

2.7. Bidders shall have to submit an amount of INR 10,000/- (Rupees Ten Thousands Only) in the form of Demand Draft drawn on any scheduled bank at Noida in favor of " Broadcast Engineering Consultants India Limited"

Payable at Noida along with the EOI towards the cost of EOI processing and no other mode of payment is acceptable. The processing fees of EOI document is non-refundable.

2.8. The Management of BECIL reserves the right to amend or withdraw any of the terms and conditions mentioned in the EOI Document or reject any or all the bids without giving any notice or assigning any reason. The decision of the Chairman and Managing Director, Broadcast Engineering Consultants India Limited in this regard shall be final and binding on all.

2.9. Cross Subsidy across product or services is not allowed

3. Submission of EOI

3.1. EOI, complete in all respects, must be submitted over our online tendering portal "<https://becil.euniwizarde.com> " on or before the due date.

3.2. BECIL may, at its own discretion, extend the date for submission of EOI. In such a case all rights and obligations of BECIL and the Bidders shall be applicable to the extended time frame

3.3. As the EOI can be submitted only up to the defined date and time, there can't be any late bids.

3.4. The bidders submitting their "cost of EOI" through courier/by post should also ensure that their DD (Cost of EOI) are received on the said address by the stipulated date and time. No time extension for couriers/sent by post shall be granted and BECIL will not be responsible for any postal delays/loss/non-receipt thereof.

3.5. The EOI response has to be submitted online over our e-tendering portal <https://becil.euniwizarde.com>. No offline bids would accepted under any circumstances.

3.6. At any time prior to the last date for receipt of EOI, BECIL may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the EOI Document by an amendment. The amendment will be notified on BECIL's website <http://www.becil.com> and <https://becil.euniwizarde.com> should be taken into consideration by the prospective bidders while preparing their EOI.

3.7. In order to give prospective bidders reasonable time to take the amendment into account in preparing their EOI, BECIL may at its discretion, extend the last date for the submission of EOI. No EOI may be modified subsequent to the last date for receipt of EOI.

3.8. The EOI shall be ignored, if complete information is not given there-in, or if the particulars and data (if any) asked for are not filled in

4. Opening of EOI

4.1. BECIL shall convene an EOI opening session on as per schedule.

One representative from the bidders may participate. Authorization will be required for attending bid opening.

5. Objective

BECIL is willing to contribute in supply, installation and maintenance of Solar Street Lights for public use in following areas:-

1. Lighting-up the roads, streets and intersections in remote, rural and semi-urban areas that do not have adequate street lighting.
2. Lighting at bus-stop/market places/public conveniences etc.
3. Improvement in the quality of life of people.
4. Improvement in safety and security through better lighting in public areas.

BECIL intends to empanel the lead suppliers in the areas solar street light solutions and owning the project end to end including installation, commissioning and maintenance

MNRE specifications for solar street shall be applicable for all the solar light products.

When there is any business opportunity with BECIL then it will be executed on competitive pricing with best quality products or services as desired by end customer. Any business opportunity generated by partners shall be executed with respective partner as per customer requirements at competitive pricing.

6. Scope of Work

The broad scope of the work includes Design, Supply, Installation, Commissioning of 12W LED Solar Street Light System (SSL) along-with pole and other materials required as per specifications including Annual Maintenance for a period of 5 years.

Note: SPV Modules & Lithium Batteries shall be supplied of good quality.

- All the required material as per the LOA/PO should be inspected by pre-dispatch inspection by BECIL officials or appointed third party agency.

- Successful bidder will deliver all the materials to site along with Luminaries, SPV modules, Poles & batteries at given site by BECIL after PDI clearance and should install the lights at its given time period only.
- Successful bidder shall make his own arrangement for safe storage of Luminaries, SPV Modules, Poles and Batteries at site till the installation over of the systems.
- Collection of all documents pertaining to identification of beneficiary along with photograph - including photographs of the installed systems and preparing the joint commissioning reports.
- Submission of all documents as detailed in the tender document including the joint commissioning report to BECIL.
- Keeping servicing personnel and availability of essential spares in the vicinity of the solar system and log book for spares must be maintained by the successful bidder at service center.
- Submission of periodic reports as per the MIS prescribed by BECIL from time to time.
- All civil structures and site clearances for setting up of the complete job are to be obtained from End User or respective authorities.
- Supply of the complete systems, including all necessary components, subcomponents, spares, tools, tackles etc. as per technical specifications given in this document including packing, forwarding, safe storage, handling, commissioning, trial and performance testing and handing over, insurance of all the materials till completion of project.
- Solar Systems deployed must be utilized for the purpose of lighting in the villages as per the requirement of the villagers, if there is any misuse the same shall be reported to BECIL management and BECIL management will take further corrective action.
- Periodic maintenance of the system as detailed in this tender. To update BECIL regarding performance of the installed systems on Quarterly basis as per the following requirement and submit report in this respect till the end of Maintenance and warranty period of 5 Years as per the format provided by BECIL.
- Number of complaints received during the period of reporting.
- Numbers of complaints attended during the period of reporting.
- Major cause of failure, as observed.
- Major replacement made during the reporting period.
- Keeping servicing record and make available all essential spares in the vicinity of the solar system will give the desired performance with least interruption.
- Any other works as required on the site or instructed by BECIL officials. The Successful bidder shall be responsible for fulfilling all the obligations under

prevailing labor laws of the land.

- No extra transportation charges shall be paid during the period of contract.
- No escalation shall be applicable on the above prices.
- In case of any losses, theft, damage of material or any calamities the Successful bidder shall report BECIL management & local authorities to take further action and will guide supplier for further action plan.
- The indicative documents are to be submitted to BECIL like:
 - a) Photograph of the Solar street light system during distribution.
 - b) Photograph of the Solar street light system after installation & of handing over.
 - c) System handing over report.
 - d) Joint commissioning certificate.
- The scope of work to be covered under preventive maintenance schedule shall be as under:
 - a) Repair/Replacement of junction boxes, switches.
 - b) Cleaning of street lighting fixtures (Perspex covers, reflectors etc).
 - c) Replacement of faulty cables.
 - d) Replacement of broken pole any type.
 - e) Straightening of the tilted pole any type.
 - f) Pole painting.
- In this regard, the Successful vendor has to ensure that all automatic street lighting systems are operational during the maintenance period.
- Any other works as required on the site or instructed by BECIL officials.

7. Qualification/EligibilityCriteriaforBidders

Pre-Qualification Criteria (PQ)

#	EligibilityCriteria	Supportingdocumentsforfulfilling theEligibilityCriteria
1.	Bidder should be a registered entity with Department of Registrar of Companies registered in India under the Companies Act.	Copy of the Registration with taxation Department/Certificate of incorporation should be submitted.
2.	Bidder should have experience in handling Solar Street Light projects in India for at least 3 (three)Years till 31 st March 2019.	Copy of the supporting documents (Order) should be submitted till 31 st March 2019.

3.	Bidder should have an cumulative turn over of INR 8.00Crore (Eight Crore) and above in the last three (2015-2016, 2016-2017, 2017-2018) audited financial years.	<p>Copies of the Audited balance sheet for the last 3 financial years should be submitted.</p> <p>Certificate from the Chartered Accountant should be closed with positive Networth in the last three financial years of 2015-2016,2016-2017 and 2017-2018.</p> <p>Copy of the ITR for the last 3 years should be submitted.</p>
4.	The Bidder should not hold any sanction/Black-listing by any Government/Quasi government agency or any Multi-Lateral Donor Body(World Bank, ADB, JICA, etc.) during the past3 (three) years(even if the sanction/ black-list was subsequently withdrawn).	Self-declaration Certificate should be submitted.
5.	In the event of tenderer submitting any false credentials, the Tenderer shall be black listed for 5 (five) years.	An affidavit in this regard has to be submitted on a stamp paper of Rs. 100/-.
6.	The Bidder should have successfully executed cumulative order of at least 50 Lakhs Government/PSU projects in the last3 (three) years in Solar products/solutions or LED Street Lights.	Copy of said order and along with completion/Agreement.
7.	Valid Test Certificate for Solar Street Lighting System (complete system) from an authorized NABL testing centre.	Relevant copy of Certificate will abide by this point.
8.	Declaration of sourcing/manufacturing of components, clearly specifying as being indigenously manufactured. Details of the manufacturing facility, including Company Profile, to be provided accordingly.	Relevant copy of Certificates will abide by this point.
9.	The Tenderer should submit an undertaking that it has neither been boycotted nor blacklisted by any Government Institution/PSU for supplies desired/intended in this EOI.	An affidavit duly notarized in this regard has to be submitted on a stamp paper of Rs. 100/-.
10.	The bidder should not have abandoned any of their contracts for government or any other public-sector undertakings during the last 5 (five) years anywhere in the country.	An affidavit duly notarized in this regard has to be submitted on a stamp paper of Rs. 100/-.
11.	GST, PAN, PF & ESIC Registration Certificates.	Copy of Valid GST, PAN, PF & ESIC Certification.

Technical Specifications (TS)

Sr. No	Components	Specification for Solar street light fitting
1.	PV module	75 Wp under STC
2.	Battery	Minimum 12.8V, 30 AH capacity Lithium Ferro Phosphate battery.
3.	Light Source	<p>White Light Emitting Diode (W-LED)</p> <p>12-Watt, W-LED luminaire, dispersed beam, soothing to eyes with the use of proper optics and diffuser.</p> <p>LED Chip should be compliance to IES: LM-80 (Approved Method for Measuring Lumen Maintenance of LED Light Sources and LED lumen depreciation time to L70). Test report for same should be submitted.</p>
4.	Light Output	<p>The luminaire must use high efficacy W-LED with minimum 135 lumens per watt (and UV free). [A certificate to be submitted by the System supplier to the Test Lab during certification]</p> <p>For single light level:</p> <p>Minimum 24 Lux when measured at a point 4 meters below the light. The illumination should be uniform without dark bands or abrupt variations, and soothing to the eye. Higher light output will be preferred.</p> <p>For Multiple Light levels:</p> <p>The luminaire should have two levels of light to take care of different lighting needs during the night. Minimum 24 Lux when measured at a point 4 meters below the light (at "High" illumination level). The illumination should be uniform without dark bands or abrupt variations. Minimum 12 Lux at lower illumination level. (Higher light output will be preferred)</p> <p>The luminaire shall be tested for Electrical, Photometry and Color parameters as per IES LM-79:2008 or IS: 16106:2012 for following performance parameters like:</p> <ul style="list-style-type: none"> • Total luminous flux: $\geq 1500\text{lm}$. • Luminous efficacy (i.e. system efficacy): $\geq 125\text{lm/W}$. • Color Temperature: Between 5500 K to 6500K. • CRI ≥ 70 • Luminous intensity distribution should follow the batwing patterns in polar curves. • Require validation report using .ies file, which is generated during luminous intensity distribution test and using maintenance factor 0.9 and pole height of 4m., Road width 5m and Pole span 15m. The average illuminance level and uniformity should comply with

		<p>requirement as per IS 1944, wherever applicable.</p> <ul style="list-style-type: none"> The luminaire should be tested for all type tests as per IS 10322 Part 5 Sect 3 or IEC 60598-2-3 standards.
5	Mounting of light	Pole height 5 m above the ground level and 1 m below the ground. Luminaire shall be at least 4.5 m above the ground level.
6	Electronics Efficiency	Overall total Efficiency of the Electronics should be Minimum 90%
7	Duty Cycle	<p>Dusk to dawn:</p> <p>First 4 Hours full light (Min. 24 Lux), rest of the time at lower light (50%, Min. 12 Lux) level. (Higher light output will be preferred)</p>
8	Autonomy	3 days or Minimum 36 operating hours per permissible discharge with fully charged Lithium-Ferro Phosphate Battery.
9	Ingress Protection – IP	Optical and Control gear compartment - IP 65 / IP 66
10	Impact resistance of casing	≥ IK 08
11	Radiated Emission Test	As per CISPR-15
12	ESD (Electro Static Discharge) and Radiated susceptibility test	As per IEC 61547

TECHNICAL DETAILS:

PV MODULE

- Indigenously manufactured PV module should be used.
- The PV module should have crystalline silicon solar cells and must have a certificate of testing conforming to IEC 61215 Edition II / BIS 14286 from an NABL or IECQ accredited Laboratory.
- The power output of the module under STC should be a minimum of 75Wp.
- The module efficiency should not be less than 14%.
- The terminal box on the module should have a provision for opening it for replacing the cable, if required.
- There should be a Name Plate fixed inside the module which will give:
 - Name of the Manufacturer or Distinctive Logo.
 - Model Number
 - Serial Number

- Year of manufacture
- A distinctive serial number starting with NSM will be engraved on the frame of the module or screen printed on the tedlar sheet of the module.

BATTERY

- Minimum 12.8V, 30 AH capacity Lithium Ferro Phosphate Battery.
- Battery pack should have proper 'Battery management System' (BMS) for cell balancing, over charge and over temperature protection.
- Battery should conform to the latest BIS/ International standards.

LIGHT SOURCE

- The light source will be a white LED type.
- The colour temperature of white LED used in the system should be in the range of 5500°K–6500°K.
- W-LEDs should not emit ultraviolet light.
- The light output from the white LED light source should be constant throughout the duty cycle.
- The lamps should be housed in an assembly suitable for outdoor use.
- The temperature of heat sink should not increase more than 20°C above ambient temperature during the dusk to dawn operation.

ELECTRONICS

- The total electronic efficiency should be at least 90%.
 - Charge controller should be MPPT type.
 - Electronics should operate at an appropriate voltage suitable for proper charging of the battery.
 - No Load current consumption should be less than 20mA.
 - The PV module itself should be used to sense the ambient light level for switching ON and OFF the lamp.
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- The PCB containing the electronics should be capable of solder free installation and replacement.
- Necessary lengths of wires/cables, switches suitable for DC use and fuses should be provided.

ELECTRONIC PROTECTIONS

- Adequate protection is to be incorporated under "No Load" conditions e.g. when the lamp is removed and the system is switched 'ON'.
- The system should have protection against battery overcharge and deep discharge conditions.
- The System should have protection against short circuit conditions.
- Protection for reverse flow of current through the PV module(s) should be provided.
- Adequate protection should be provided against battery reverse polarity.
- Load reconnect should be provided at 80% of the battery capacity status.

MECHANICAL COMPONENTS

- A corrosion resistant metallic frame structure should be fixed on the pole to hold the SPV module.
- The frame structure should have provision so that the module can be oriented at the suitable tilt angle.
- Pole should be Hot dip galvanized pipe as per IS1161 & IS4736 i.e. Class B.
- Pole height 5 m above the ground level and 1 m below the ground. Luminaire shall be at least 4.5 m above the ground level.
- The pole should have the provision to hold the luminaire.
- The battery shall be either included in the luminaire enclosure, which should be water proof (IP 65) and corrosion resistant or outside the luminaire enclosure in a vented, acid proof and corrosion resistant, hot dip galvanized metallic box (IP 65) with anti-theft locking arrangement for outdoor use.

INDICATORS

- The system should have two indicators, green and red.
- The green indicator should indicate the charging under progress and should glow only when the charging is taking place. It should stop glowing when the battery is fully charged.
- Red indicator should indicate the battery "Load Cut Off" condition.

QUALITY AND WARRANTY

- The street lighting system (including the battery) will be warranted for a period of five years from the date of supply.
- The PV module(s) will be warranted for a minimum period of 25 years from the date of supply. The PV modules must be warranted for their output peak watt capacity, which should not be less than 90% at the end of Ten (10) years and 80% at the end of Twenty-five (25) years.
- The Warranty Card to be supplied with the system must contain the details of the system.

OPERATION and MAINTENANCE MANUAL

An Operation, Instruction and Maintenance Manual, in English and the local language, should be provided with the Solar Street Lighting System. The following minimum details must be provided in the Manual:

- Basic principles of Photovoltaics.
- A small write-up (with a block diagram) on Solar Street Lighting System - its components, PV module, battery, electronics and luminaire and expected performance.
- Type, Model number, Voltage & capacity of the battery, used in the system.
- The make, model number, country of origin and technical characteristics (including IESNA LM-80 report) of W-LEDs used in the lighting system.

About Charging and Significance of indicators

- Clear instructions about erection of pole and mounting of PV module (s) and lamp housing assembly on the pole.
- Clear instructions on regular maintenance and troubleshooting of the Solar Street Lighting System.
- DO's and DON'T's.
- Name and address of the contact person for repair and maintenance, in case of non-functionality of the solar street lighting system.

List of BIS standards applicable for components of Solar PV Applications

Sl. No. (1)	Product (2)	Indian Standard Number (3)	Title of Indian Standard (4)
1.	Crystalline Silicon Terrestrial Photovoltaic (PV) modules (Si wafer based)	IS 14286	Crystalline Silicon Terrestrial Photovoltaic (PV) modules - Design Qualification and Type Approval
2.	Thin Film Terrestrial Photovoltaic (PV) Modules (a-Si, CiGs and CdTe)	IS 16077	Thin-Film Terrestrial Photovoltaic (PV) Modules – Design Qualification and Type Approval
3.	PV Module (Si wafer and Thin film)	IS/ IEC 61730 (Part 1) IS/ IEC 61730 (Part 2)	Photovoltaic (PV) Module Safety Qualification Part 1 Requirements for Construction Photovoltaic (PV) Module Safety Qualification Part 2 Requirements for Testing
4.	Power converters for use in photovoltaic power system	IS 16221 (Part 1)	Safety of Power Converters for use in Photovoltaic Power Systems Part 1- General Requirements
5.	Storage batteries	IS 16270 IS 16046	Secondary Cells and Batteries for Solar Photovoltaic Application General-Requirements and Methods of Test Standard for Lithium ion battery
6.	LED Lights & Luminaires	IS16101 IS16102 IS16103	General Lighting - LEDs and LED modules – Terms and Definitions Self-Ballasted LED Lamps for General Lighting Services Led Modules for General

		IS16107	Lighting Luminaires Performance
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8. Bidder code of conduct and business ethics

BECIL is committed to its 'values & beliefs' and business practices to ensure that companies and Bidders, who supply goods, materials or services, will also comply with these principles.

8.1. Bribery and corruption:

Bidder are strictly prohibited from directly or indirectly (through intermediates or subcontractors) offering any bribe or undue gratification in any form to any person or entity and / or indulging in any corrupt practice in order to obtain or retain a business or contract.

8.2. Integrity, indemnity & limitation:

Bidder shall maintain high degree of integrity during the course of its dealings with business/contractual relationship with BECIL. If it is discovered at any stage that any business/ contract was secured by playing fraud or misrepresentation or suspension of material facts, such contract shall be voidable at the sole option of the competent authority of BECIL. For avoidance of doubts, no rights shall accrue to the Bidder in relation to such business/contract and BECIL or any entity thereof shall not have or incur any obligation in respect thereof. The bidder shall indemnify BECIL in respect of any loss or damage suffered by BECIL on account of such fraud, misrepresentation or suspension of material facts.

8.3. Reporting Misconduct:

Bidders are required to report any misconduct/violations/improper demands from BECIL employees to the Chief Vigilance Officer/Director (O&M)/CMD. All communication in this regard should be directed only to above as per below mentioned email ids;

Chairman and Managing Director:
george@becil.com

No Communication shall be encouraged to any other authority / external sources in this regard.

9. OTHER TERMS & CONDITIONS:

1. Bid will not be accepted after the date and time fixed for receipt as is set in notification or subsequent extensions if any.
2. Relevant documents in proof should be enclosed wherever required.
3. Firm should have GST, Income Tax registrations, PAN, EPF, ESI registration (furnish proof).
4. Firm should submit Income Tax returns submitted for Last three years.
5. BECIL has sole right to accept or reject any bids. If required BECIL may reject all bids received without assigning any reason.
6. In case of dispute in the MOU/agreement, decision of MD, BECIL will be binding on both parties.
7. The detailed bid must be submitted directly in the address mentioned.
8. The bid inviting authority may, at its discretion, extend the last date for submission of bid, in which case, all rights and obligations of the tendering authority and the vendors, subjected to the previous last date, will thereafter be subject to such extended last date.
9. BECIL at its discretion will select the consortium partner from the empanelled bidders on case to case basis while participating in the tenders considering the requirement of the tender qualification, chance of winning the contract, customer requirement etc.
10. The successful bidder has to pay the EMD amount for participating in any bids for PR Management service for any department along with BECIL.
11. Performance Guarantee, Security deposit etc for the participated bids shall be paid by the successful bidder on behalf of BECIL or has to be submitted to BECIL for onward submission to customer.
12. The date and time for opening bids will be as per the timelines specified in EOI. Vendor shall watch website <https://becil.euniwizard.com> to learn about the addenda and corrigenda issued to this EOI.
13. Each page of the EOI shall be signed and stamped by the authorized representative of the Bidder and shall be submitted along with the Technical Bid.
14. Signed stamped (by authorized person) Tender along with necessary supporting documents, Dully filled signed stamped Annexures and undertakings shall be forwarded to GM (IT & Mfg.) Broadcast Engineering Consultants India Limited, C-56A/17, Sector-62, Noida-201307, Uttar Pradesh.

PROPOSAL SUBMISSION COVERING LETTER

To,
The Chairman and Managing Director, Broadcast
Engineering Consultants India Ltd C 56, A/17,
Sector - 62,
Noida-201307 (UP)

Dear Sir,

We, the undersigned on behalf of **(name of the agency)**, wish to submit our offer **(title of project)** in accordance with your Request for Proposal **(EOI reference)** dated **(insert Date)**. We are hereby submitting our Proposal, which includes a Technical Proposal and a Financial Proposal sealed under separate envelope.

We are also attaching the Tender FEE for INR 10,000/- (Rupee Fifty Thousand only) as a bank draft drawn on **[insert bank name, branch name and DD number, date]** in favor of Broadcast Engineering Consultants India Limited, New Delhi, payable at Delhi as required for the submission of bid.

We are submitting our Proposal in individual capacity. We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to start the services with immediate effect or as stipulated in the work order.

We understand you are not bound to accept any Proposal you receive. Yours

sincerely,

Authorized Signature [In full and initials and attach authorization to represent the company] Name and Title of Signatory Name of Firm Address

Annexure-A

THE EMPANELMENT OF AGENCIES FOR DESIGN, SUPPLY, INSTALLATION, COMMISSIONING OF 12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM

Details of the Bidder (Company)

1.	Name of the bidder	
2.	Address of the Bidder	
3.	Status of the Company	Public Ltd / Pvt. Ltd / Others
4.	Details of Incorporation of the Company [Attach copy of Incorporation certificate]	Date:
		Ref. #
5.	Details of Commencement of Business	Date:
		Ref. #
6.	Valid Sales tax registration no. [Attach	
7	Valid Service tax registration no. [Attach	
8.	Permanent Account Number (PAN) [Attach certificate]	
9.	Name & Designation of the contact person to whom all references shall be made.	
10	Te1ephone No. (with STD Code) Mobile No.	
11	E-Mail of the contact person:	
12	Fax No. (with STD Code)	
13	Manpower details	Technical Others

Name of the

Bidder: Seal

&Signature :

Annexure-B Experience Details

Orders placed by (Full address of Purchaser)	Order No. and Date	Description and Quantity of ordered	Value of Order	Date of completion of delivery as per contract/actual	Remarks indicating reasons for late delivery if any.

Name of the Bidder:

Seal &Signature

ANNEXURE C

**SELF DECLARATION FOR THE CODE OF
INTEGRITY (To be included in the EOI on bidders
letter head)**

I/We shall maintain a high degree of integrity during the course of my/our dealings business/contractual relationship with BECIL. If it is discovered at any stage that any business/ contract was secured by playing fraud or misrepresentation or suspension of material facts, I/We authorize BECIL to term such contract as voidable at the its sole option.

Place: _____

**Signature of
Authorized
Signatory on behalf of
Agency**

Date : _____

Address : _____ **Mobile :**

Email ID: _____

ANNEXURE D

**UNDERTAKING & ACCEPTANCE LETTER BY THE
BIDDER (To be included in the EOI on bidders letter
head)**

I/We have carefully gone through the various terms and conditions listed in the "THE empanelment of companies for **DESIGN, SUPPLY, INSTALLATION, COMMISSIONING OF 12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM**". I/We agree to all these conditions and offer to Webcasting and Associated product/services for BECIL and submitting this EOI after carefully reading the conditions and understanding the same without any kind of pressure or influence from any source whatsoever. I/We hereby sign this undertaking in token of our acceptance of various conditions listed in the EOI document.

Signature of Authorized Signatory

Place: _____

Date: _____

Address: _____

Mobile Number: _____

Email ID: _____

ANNEXURE E

Expression of Interest - "THE EMPANELMENT OF AGENCIES FOR DESIGN, SUPPLY, INSTALLATION, COMMISSIONING OF 12 W WHITE-LED BASED SOLAR STREET LIGHTING SYSTEM"

Format for uploading Turnover information

(Total turnover of the bidder during the preceding 3 years to be issued by CA)

Financial year	Turnover (Rs. In Crores)	Net Worth
2016-17		
2017-18		
2018-19		