



INSTITUTE OF LIFE SCIENCES

(An autonomous Institute of the Department of Biotechnology, Govt. of India)

Nalco Square, Bhubaneswar-751 023

Website: www.ils.res.in

EOI No- VIII-125-MF/2015-16/ 1968 / ILS

Date: 30-10-2023

E-EOI DOCUMENT

**Name of work: EXPRESSION OF INTEREST FOR GRID CONNECTED 70 KILO WATT
SOLAR ROOF TOP PLANT ON RESCO / CAPEX MODEL AT ILS,
BHUBANESWAR**

Total Estimated Cost: NA

**Administrative Officer
For and on behalf of Director, ILS.**

(Total Pages-17)

The Director, Institute Of Life Sciences, Bhubaneswar invites (E-EOI) Expression of Interest (EOI) for grid connected 70 KWP Solar Roof Top plant at Bhubaneswar, Odisha from the Vendors with proven track record and capability in designing, supply, installation, testing, commissioning and maintenance of such capacity plant in RESCO / CAPEX MODEL "CAPEX: Capital expenditure are provided by the roof top Owner & RESCO: Capital expenditure are covered by the Third Party".

S. No.	Description	Details
i)	NIT No.	VIII-125-MF/2015-16/1968/ILS Date: 30-10-2023
ii)	Name of Work:	EXPRESSIOIN OF INTEREST FOR GRID CONNECTED 70 KILO WATT SOLAR ROOF TOP PLANT ON RESCO / CAPEX MODEL AT ILS, BHUBANESWAR
iii)	Estimated Cost	NA
iv)	Earnest Money	NA
v)	Last date and time of online submission of EOI	15:00 hours of 17.11.2023
vi)	Time and date of online opening of participated Documents	15.30 hours on 17.11.2023
Vii)	Pre-bid Meeting	12:00 hours on 14.11.2023
vii)	Period during which hard copies of EMD, Registration Certificates, Undertaking and other Documents to be submitted to Division office	To be submitted during office on or Before the online submission of tender
viii)	Request for Proposal (REP) issued shortlisted bidder	To be intimated latter through online

1. Information and Instructions for Bidders or E-Tendering

- a. The intending bidder must read the terms and conditions of Tender document carefully. He should submit his bid if he considers himself eligible and he is in possession of all the certificates/ documents required.
- b. Information and Instructions for bidders for e-tendering posted on website shall form part of bid document.
- c. The bid document consisting of NIT, plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from www.tenderwizard.com/ILS or www.ils.res.in or www.eprocure.gov.in at free of cost.
- d. For e-tendering of this tender, ILS has engaged e-portal maintained by M/s BECIL. Intending bidders shall have to register with M/s BECIL to participate in the tendering process. For details kindly visit website www.tenderwizard.com/ILS or contact *Shri SANJIB MOHAPATRA (Mobile No. 8249821902)*. If needed they can be imparted training on online bidding process as per details available on the website.
- e. The intending bidders must have valid class-III digital signature to submit the bid.
- f. The bid can be submitted only after depositing e-tender Processing Fee (Online through e-Payment) in favor of BECIL Limited within the period of bid submission. **E-tender processing fee is non-refundable.**
- g. Copies of eligibility documents and EMD as specified in the notice inviting tender shall be scanned and uploaded on the e-tendering website within the period of tender submission. Bidders can upload documents in the form of JPG format, PDF format and any other format as permissible by the e-tendering portal.
- h. Bidders must ensure to quote rate of each item. The column meant for quoting rate in figures appears in dark yellow color and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). After submission of the bid online the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.

- i. After submission of bid online, it can be revised any number of times before specified time on last date of submission of bid. While submitting the revised bid, bidder can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
- j. Financial bids shall be opened online only for bidders for whom EMD and other documents are found in order and who are found to be eligible to bid for work. On opening date, the bidder can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
- k. If the contractor is found ineligible after opening of bids, his bid shall become invalid.
- l. If any discrepancy is noticed between the eligibility documents as uploaded at the time of submission of bid and hard copies as submitted physically by the bidder, the bid shall become invalid.

**EXPRESSIOIN OF INTEREST FOR GRID CONNECTED 70 KILO WATT SOLAR ROOF TOP PLANT
ON RESCO / CAPEX MODEL**

Institute of Life Sciences (ILS) , Bhubaneswar is an Autonomous Institute of the Department of Biotechnology, Govt. of India. The Institute is located in Bhubaneswar, Odisha engaged for various research works pertaining to Human / Plant Sciences & Medicines.

The Institute invites the E- Expression of Interest (EOI) for grid connected **70 KWP** Solar Roof Top plant at Bhubaneswar, Odisha from the Vendors with proven track record and capability in designing, supply, installation, testing, commissioning and maintenance of such capacity plant in **RESCO / CAPEX MODEL “CAPEX: Capital expenditure are provided by the roof top Owner & RESCO: Capital expenditure are covered by the Third Party”**.

The EOI document is available on Institute’s web site i.e www.ils.res.in , www.tenderwizard.com/ILS, www.eprocure.gov.in Any corrigendum or Addendum shall be published on these website only.

The Vendors are requested to visit the site to get clarity on the nature of work and suitability for installation of such capacity of plant on their own cost, before submission of EOI. A pre Bid meeting will be held on 14.11.2023 with the interested applicants. An acknowledgement in this regard will be praise worthy.

Based on the eligibility criteria and solution presentation, Request for Proposal (REP) may be issued to the shortlisted vendors. The Institute reserves the right to issue REP to the vendors, who are eligible and qualified based on the evaluation of EOI submitted by the vendors. **The Institute may consider for open tender as well as per Govt. Guide Line. The Decision of the Institute in this regard shall be Final.**

The Institute reserves the right to reject any or all the offers without arising any reasons. The Institute will reserve the right to amend the scope of the work at any point of time. Any attempt on the part of any firms to influence, negotiate directly or indirectly will lead to exclusion from consideration.

Interested Vendors are requested to send the EOI as per the Annexure-I, II, III & IV in a sealed envelope super scribed with “Expression of Interest for Grid Connected **70 Kw** solar power plant on RESCO / **CAPEX MODEL** at ILS “shall reach the office of the Institute (Administrative Officer) at the following Address on or before **17.11.2023**

The Administrative Officer, Institute of Life Sciences, Bhubaneswar, Nalcosquare,
ChandrasekharpurBhubaneswar-751023

Any document submitted after the specified time and with incomplete information will not be accepted.

The undersigned may be contacted at Administrative Officer for any queries (Email ao@ils.res.in ,
Contact No. (0674) 2301652.

Administrative Officer

Scope of Work:

Bidders scope of work:

1. Bidder shall visit the site prior to submit his bid, attend the pre-bid meeting and carefully ascertain the generation capacity of the proposed solar PV Power Plant.
2. The bidders will be asked to submit their feasibility report and concept note of generation unit/s to be installed and to be integrated with Transformer and Diesel Generator etc..
3. Bidder shall identify various locations within the campus for installation of solar power plant of rated capacity under RESCO/ **CAPEX** mode and to bid for the complete proposal.
4. Report should contain tentative site plan, drawing & design etc. of individual generation units proposed to be installed along with the other related information. Copies of the site drawings can be obtained from the institute on request.
5. Bidder shall visit the Institute and the locations available for installation of solar PV power generation plant/s.
6. Bidder to ensure that the energy generation figures claimed through the feasibility report are met. The institute shall have a minimum generation guarantee clause in the **PPA (power purchase Agreement)**, under which the bidder shall be penalized if a shortfall in energy generation is noticed in any given year during the PPA. The bidder shall mention yearly minimum generation figures for the period of PPA.
7. Bidder shall clearly indicate the safety guidelines for installation and operation of solar PV generation plants suggested by Ministry of New and Renewable Energy (**MNRE**) and other related agencies.
8. Bidder shall clearly ascertain and mention all the necessary modifications and or new civil or fabricated installation/s, which are required to be done to facilitate the installation and operation of the proposed plant.
9. If the proposal is accepted and the order is awarded, the bidder shall be required to do at his cost and no charges will be paid to the bidder for modifications and or new civil or fabricated installation/s, which are required to be done to facilitate the installation and operation of the proposed plant.
10. Provide the techno-commercial proposal in separate sealed envelopes clearly marked as **“Technical / Commercial offer for the “solar PV Power Plant”**.
11. Bidder shall facilitate owner’s visit, if demanded by the owner, to the site/s, executed/in progress by the bidder.

Vendor shall obtain all necessary approvals for the legal use of the plant, including net metering facility.

12. Onwards of the order, the bidder must ascertain that the work is completed and the plant is operational for use with all approvals and checks within the time agreed as per order.

13. Ensure safety of the material and property of the institute, during the installation works.
14. Vendor shall remove debris from the site within 07 days from the completion of work.
15. Ensure that the safety guidelines as suggested by MNRE/ other related agencies are implemented during the installation works and during operation of the solar PV plant.
16. If, in future during the period of PPA, Institute decides to relocate some part of the installation, the bidder shall agree to do the same at the agreeable cost of labor.

LNMIIT'S SCOPE OF WORK

1. ILS (owner) shall provide the roof-top, open land, boundary etc., free of cost to install the solar PV power plant.
2. **Owner shall provide free of cost electricity and water for the installation of the plant at one point, however, bidder to ensure proper utilization of resources and that no wastage is done.**
3. Bidder shall make his own arrangement to draw the water and electricity lines to the exact location of work.
4. Owner shall provide space, free of cost for proper staking of the material for installation. However, it shall be the bidder's responsibility to ensure its safety and timely removal of the spare material, within a week after completion of work.
5. **Owner shall provide internet connectivity to the location of inverter/s.**
6. Owner shall provide all necessary documents for obtaining approvals for installation of plant, **however it is the responsibility of the bidder to obtain all such approvals well within time and make the plant operational.**

PROJECT SITE DETAILS

The project will be for the Campus –I with a built-up area of approximately: **8335 Sqm.** of shadow free space.

Electrical Consumption Details: The details of the range of the power consumption of the Institute (Please refer Electricity Bill of the Institute enclosed)

Warranty:

25-year limited warranty on power output & 5-year product warranty

25-year performance warranty

- 10 years: 90% minimum performance
- 15 years: 80% minimum performance

Insurance against Natural calamity shall be under the scope

ELIGIBILITY CRITERIA:

1. Minimum Five years experience in the field of design, supply, installation, testing and commissioning and operation of One 1000 KWP or Two 5000KWP solar plants till date under RESCO / CAPEX model and completion / ongoing work certificate in respect of similar kind of work.
2. Only Manufacturer (s) or their sole authorized Distributor / agent of Solar PV Module approved by Ministry of New and Renewable Energy (MNRE) are eligible to participate. Certificate of Manufacture or Authorized Distributor letter or Authorization letter from Original Equipment Manufacturer (OEM) must be submitted with the EOI documents.
3. The bidder must be registered with the Ministry of New and Renewable Energy (MNRE) / State Nodal Agency. Registration certificate to be provided along with the EOI documents.
4. Bidder must have an average annual turnover of Rs.1.00 Cr. In any one of the last 05 financial years. Documentary evidence in the form of Audited Financial Statement duly certified by chartered accountant must be submitted to substantiate the claim of the minimum annual turnover.
5. List of work done in the field of Solar Power Plant in the last Five years, "Clearly indicating relevant details like such as; capacity, location, execution time, years to set up, scope of works, name and address of the owner etc. shall be submitted".
6. List of plants which can be visited by ILS, Bhubaneswar to obtain feedback information about the owner.
7. Solvency Certificate minimum of Rs.1.00 Cr. In prescribed format (Annexure-III) is required from any schedule bank.
8. **Proof of Registration of bidder under relevant law, such as companies act, and /or Shops and Establishment Act or Trade license from appropriate authority etc.**
9. All Applicants should submit along with their EOI, copies of PAN card and GST registration certificate.
10. A certificate (Affidavit) to be signed by MD/CEO of the company that the Company has not debarred or blacklisted for any services, supplies or product dealing in by any organizations or educational institute / University or State / Central Government and no criminal case / legal proceeding or industrial dispute is pending or contemplated against them.

MODE OF SUBMISSION

The EOI document with minimum details as mentioned above should be submitted online in the e-tender portal www.tenderwizard.com/ILS before due date of submission as mentioned above.

RIGHT OF ACCEPTANCE

ILS, Bhubaneswar reserves the right to accept / reject / withdraw the bid without assigning any reason.

JURISDICTION

In case of any dispute, the jurisdiction of Odisha Courts shall apply.

RESPONSE FORMATS & SUPPORTING DOCUMENTS

1	Name of the Company			
2	Registered address of the Company			
3	PAN Number			
4	GST Number			
5	Past Experience in installation & commissioning of solar power plants (Completed)	Plant Capacity	Location / Client	Mode of operation (CAPEX / RESCO)
5.a	Rooftop			
5.b	Ground and others			
6	Total units generated			
7	Under development projects in installation & commissioning of solar power plants	Plant Capacity	Location / Client	Mode of operation (CAPEX / RESCO)
7.a	Rooftop			
7.b	Ground and others			
8	Minimum generation capacity offered			

Yours faithfully,

(Signature, Date & Seal of Authorized Representative of the Bidder)

Date:

Place:

SOLVENCY CERTIFICATE
(Format for Solvency Certificate)

To,
The Director,
Institute of Life Sciences, Bhubaneswar
Chandrasekharpur
Bhubaneswar-751023

SOLVENCY CERTIFICATE

This is to certify that to the best of our knowledge and information M/s -----
--(address)-----a customer of our bank is respectable and be treated
as good for an engagement up to a sum of Rs.----- (Solvency amount) ----
----- only as on -----(Date of Certificate)

This certificate has been issued without any risk and responsibility on the part of the Bank or any of its officers. This certificate is issued at the specific request of the customer.

Yours Faithfully,

For ----- Bank

Designation:

Signature of Bank Officer

MARKING SCHEME FOR POWER POINT PRESENTATION

Sl. No.	Evaluation based on Presentation	Full Marks (100)
1	Experience on RESCO / CAPEX Mode	
1.1	Years of Experience	5
1.2	Quantum of Work	15
2	Proposed Solution	
2.1	Technology used	15
2.2	Proposed Layout of plan & its justification	15
2.3	Instrumentations, Control and data generation, Sharing the display	15
3	Innovation	15
4	Operational Efficiency& its justification	10
5	Salvage at the end of the contract	10

Note:

1. Minimum score for eligibility: 75
2. Date of presentation will be intimated later on.

DECLARATION

1. I ----- Son/ Daughter of Shri -----Proprietor / partner / Director / Authorized Signatory of M/s -----am competent to sign this declaration and execute this EOI document.
2. I have carefully read and understood all the terms and conditions of the EOI and hereby convey my acceptance of the same.
3. The information / documents furnished along with the above applications are true and authentic to the best of my knowledge and belief.
4. I am well aware of the fact that furnishing of any false information/ fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

Signature of the Bidder: -----

Name & Designation: -----

Business Address: -----

Place:

Date: Authorized Signatory of bidder with seal

E-Tendering Instructions to Bidders

General: The Special Instructions (for e-Tendering) supplement 'Instruction to Bidders', as given in this Tender Document. Submission of Online Bids is mandatory for this Tender. E-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Suppliers / Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, ILS BHUBANESWAR has decided to use the portal www.tenderwizard.com/ILS through an ASP, M/s. BECL Limited.

9.1 Instructions: Tender Bidding Methodology:Single Stage Online Bidding

Broad outline of activities from Bidders prospective:

- a. Procure a Class III Digital Signature Certificate (DSC)
- b. Register on the e-Procurement portal www.tenderwizard.com/ILS
- c. Create Users on the above portal
- d. View Notice Inviting Tender (NIT) on the above portal
- e. Download Official Copy of Tender Documents from the above portal
- f. Seek Clarification to Tender Documents on the above portal. View response to queries of bidders, posted as addendum, by ILS
- g. Bid-Submission on the above portal.
- h. Attend Public Online Tender Opening Event (TOE) on the above portal - Opening of Technical Part
- i. Post-TOE Clarification on the above portal (Optional) – Respond to ILS's Post-TOE queries.
- j. Attend Public Online Tender Opening Event (TOE) on the above portal - Opening of Financial Part (Only for Technical Responsive Bidders)

For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the above portal.

9.2 Digital Certificates:

For integrity of data and authenticity / non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital

Certificate (DC), also referred to as Digital Signature Certificate (DSC), of Class III, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer <http://www.cca.gov.in>].

9.3 Registration :

To use the Electronic Tender portal www.tenderwizard.com/ILS, vendors need to register on the portal. Registration of each organization is to be done by one of its senior persons vis-à-vis Authorised Signatory who will be the main person coordinating for the e-tendering activities. In the above portal terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/portal, and follow further instructions as given on the site. Pay Annual Registration Fee as applicable. (Rs 2000+ GST as applicable)

Note: After successful submission of Registration details and Annual Registration Fee, please contact to the Helpdesk of the portal to get your registration accepted/activated.

The Bidder must ensure that after following above, the status of bid submission must become – “Submitted”.

Please take due care while scanning the documents so that the size of documents to be uploaded remains minimum. If required, documents may be scanned at lower resolutions say at 150 dpi. However it shall be sole responsibility of bidder that the uploaded documents remain legible.

It is advised that all the documents to be submitted are kept scanned or converted to PDF format in a separate folder on your computer before starting online submission. The Financial part/BOQ may be downloaded and rates may be filled appropriately. This file may also be saved in a folder on your computer. Please don't change the file names & total size of documents (Preferably below 5 MB per document) may be checked.

9.4 Bid submission

The entire bid-submission would be online on the Tender wizard portal i.e. <https://www.tenderwizard.com/ILS>

Broad outline of submissions are as follows:

(i) Submission of Bid Parts (Technical)

- (ii) Submission of information pertaining to Bid Security/ EMD.
- (iii) Submission of signed copy of Tender Documents/Addendums.

The TECHNICAL PART shall consist of Electronic Form of Technical Main Bid and Bid Annexure. Scanned/Electronic copies of the various documents to be submitted under the Eligibility Conditions, offline submissions, instructions to bidders and documents required establishing compliance to Technical Specifications and Other Terms & Conditions of the tender are to be uploaded.

9.5 Tender Processing Fee:-

You pay processing fee (0.1% of ECV + GST as applicable (Min. 500/- & Max 4000/- + GST as applicable)) through online (Credit card/ Debit card/ Net Banking), when participating in the e-tender.

Offline Submissions:

The bidder is requested to submit the as above mentioned documents offline **DIRECTOR, INSTITUTE OF LIFE SCIENCES, NALCO SQUARE, BHUBANESWAR, 751023** on or before the date & time of submission of bids specified in covering letter of this tender document, in a Sealed Envelope. The envelope shall bear (name of the work), the tender number and the words 'DO NOT OPEN BEFORE' (due date & time).

Public Online Tender Opening Event (TOE)

The e-Procurement portal offers a unique facility for 'Public Online Tender Opening Event (TOE). Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. For this purpose, representatives of bidders (i.e. Supplier organization) duly authorized. Every legal requirement for a transparent and secure 'Public Online Tender Opening Event (TOE)' has been implemented on the portal. As soon as a Bid is decrypted, the salient points of the Bids are simultaneously made available for downloading by all participating bidders. The medium of taking notes during a manual 'Tender Opening Event' is therefore replaced with this superior and convenient form of 'Public Online Tender Opening Event (TOE)'. The portal a unique facility of 'Online Comparison Statement' which is dynamically updated as each online bid is opened. The format of the Statement is based on inputs provided by the Buyer for each Tender. The information in the Comparison Statement is based on the

data submitted by the Bidders. A detailed Technical and / or Financial Comparison Statement enhance Transparency. Detailed instructions are given on relevant screens. The portal has a unique facility of a detailed report titled 'Online Tender Opening Event (TOE)' covering all important activities of 'Online Tender Opening Event (TOE)'. This is available to all participating bidders for 'Viewing/Downloading'. There are many more facilities and features on the portal. For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

Important Note: In case of internet related problem at a bidder's end, especially during 'critical events' such as – a short period before bid-submission deadline, during online public tender opening event it is the bidder's responsibility to have backup internet connections. In case there is a problem at the e-procurement / e-auction service-provider's end (in the server, leased line, etc) due to which all the bidders face a problem during critical events, and this is brought to the notice of ILS by the bidders in time, then ILS will promptly reschedule the affected event(s).

Other Instructions

For further instructions, the vendor should visit the home-page of the portal. The complete help manual is available in the portal for Users intending to Register / First-Time Users, Logged-in users of Supplier organizations. Various links are also provided in the home page.

Important Note: It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups and minimize teething problems during the use of the said portal.

The following 'FOUR KEY INSTRUCTIONS for BIDDERS' must be assiduously adhered to:

- 1.) Obtain individual Digital Signature Certificate (DSC) well in advance of your first tender submission deadline on the portal.
- 2.) Register your organization on the portal well in advance of your first tender submission deadline on the portal
- 3.) Get your organization's concerned executives trained on the portal well in advance of your first tender submission deadline on the portal

4.) Submit your bids well in advance of tender submission deadline on the portal (There could be last minute problems due to internet timeout, breakdown etc)

While the first three instructions mentioned above are especially relevant to first-time users on the portal, the fourth instruction is relevant at all times. Minimum Requirements at Bidders end Computer System with good configuration (Min P IV, 1 GB RAM, Windows 7) Broadband connectivity. Microsoft Internet Explorer 8.0 or above. Digital Certificate(s) Vendors Training Program Necessary training to each and every registered bidder under this portal shall be impacted by the ASP, M/s. BECIL, if required, before participation in the online tendering.

For any further assistance, please contact Mr. SanjibMahapatra (08249821902), Helpdesk-080-45811365/080-40482000 BECIL email ID for mailing communication:- sanjeeb.m@etenderwizard.com