

**HLL LIFECARE LIMITED
PLOT 1&2,RUBBER
PARK,IRAPURAM,VALAYANCHIRANGAR
A P.O,ERNAKULAM-683556,
KERALA, INDIA**

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**INVITATION FOR BIDS
(TECHNICAL BID)**

**DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF
GRID INTERACTIVE SOLAR PHOTOVOLTAIC ROOF TOP
POWER PLANT**

AT

HLL LIFECARE LIMITED,

Kakkanad and Irapuram

Cochin

SL. No.	Name of the Item	Tender No:	Last Date & Time of Submission	Date & Time of Opening of Technical
1.	12 kilo watt peak grid interactive solar photo voltaic roof top power plant in kakkanad factory, Cochin	HLL/KFC/IFC/SP/2014/001	07-10-2014 at 15.00 Hrs	07-10-2014 at 15.30 Hrs
2.	20 kilo watt peak grid interactive solar photo voltaic roof top power plant in Irapuram factory, Cochin	HLL/KFC/IFC/SP/2014/001	07-10-2014 at 15.00 Hrs	07-10-2014 at 15.30 Hrs

PREQUALIFICATION REQUIREMENTS

1. The vendor should be the original manufacturer/agent of commissioning of grid interactive solar photovoltaic roof top power plant approved by MNRE.
2. They should have installed and supplied minimum 3 (Three) similar projects to reputed firms in the last 5 years
3. Average annual financial turn over of the bidder during the last 3 years, ending 31st March of the previous financial year, should be at least Indian Rupees 2 crores
4. Power of Attorney in case an authorized representative has signed the tender.
5. The duly signed acceptance form conforming that all terms & conditions, technical specifications, drawings & volume of job are understood by the bidder. Certificate that bid is in total conformity with the specifications and

terms and conditions mentioned in the bid document and certificate on period of validity (sheet enclosed)

6. Deviation if any, giving reasons for the deviation.
7. Even though the bidder meet the above qualifying criteria, they are subject to be disqualified if they have:

Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc...

Note: - HLL does not bind itself to accept the lowest or any tender, and reserves to itself the right to accept or reject any or all the tenders, either in whole or in part without assigning any reason for doing so.

APPLICATION FOR PREQUALIFICATION

Name of Work:

DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF
GRID INTERACTIVE SOLAR PHOTOVOLTAIC ROOF TOP POWER
PLANT

- A. Name of Contractor/Firm/Company :
1. Postal address :
2. Telephone No.: FAX : E-Mail :
3. Year of commencement of Contract/Year of establishment of firm/Company :

B. In the case of Firm

1. Whether proprietary or partnership firm :
2. Name of Managing Partner :
3. Name of other partners :

Note: Attested copy of partnership deed to be enclosed

C. In the case of Company

1. Whether Private Limited or Public Limited Company :
2. Name of Managing Director :
3. Names of other Directors :

Note: Attested copy of Company Registration deed to be enclosed.

D. Enclose 3 completion certificates from the client certified that the similar machines are installed and commissioned at their site successfully and is working satisfactorily. The Client list shall be enclosed.

Note: Details to be furnished in **Annexure I**

E. Total number of ongoing installations or orders in hand for similar power plants

Note: Details to be furnished in **Annexure II**

F. Has the Contractor/ Firm/Company ever been black listed by the Govt /or the registering authority.

i) If so, give the period and details.

G . Annualised turn over of the Contractor/Firm/Company in the last 3 years ending 31.03.2013

1. 2010 - 2011: INR.
2. 2011 – 2012: INR.
3. 2012- 2013: INR.

Note: Details to be furnished in **Annexure III**

H. Details of organization :

1. Technical personnels : i) No. of graduate Engineers :
ii) No. of Diploma holders :

2. Non Technical Management

(Details to be enclosed in **Annexure IV**)

I. Technical Specification: in **Annexure V** (filled and enclosed)

I. Completion Period: in **Annexure VI** (filled and enclosed)

J. Acceptance Form in **Annexure VII**

K. CERTIFICATE as per **Annexure VIII**

I/We hereby certify that the details given in the application form and Annexure I to Annexure VIII, are correct to the best of my/our knowledge. I /We have no objection in contacting any of our clients for reference.

Signature

Name and address of the Party

Place:

Date:

ANNEXURE - I

DETAILS OF ORDER FOR SIMILAR SOLAR POWER PLANTS EXECUTED DURING THE LAST 5 YEARS				
Sl. No.	Name of Client with full address, telephone numbers and nature of work	Order details such as quantity etc.	Value of works completed	Period of Completion with dates (in months)

NOTE:

A MINIMUM OF 3 NOS SIMILAR PROJECTS DURING THE LAST 5 YEARS

SIGNATURE OF BIDDER

ANNEXURE - II

TOTAL NUMBER OF ONGOING INSTALLATIONS OR ORDERS IN HAND FOR SOLAR POWER PLANTS			
Sl. No.	Name of Client with full address, telephone numbers and nature of work	Order details such as quantity, completion time etc.	Value of works

ANNEXURE III

(ENCLOSE DETAILS OF ANNUALISED TURN OVER OF THE CONTRACTOR/FIRM/COMPANY IN THE LAST 3 YEARS)

2010 – 2011: INR.

2011 - 2012: INR.

2012 - 2013: INR.

(Enclose audited Balance sheets in proof for the above period)

Note: Average annual financial turn over of the bidder during the last 3 years, ending 31st March of the previous financial year, should be at least INR 2 CRORES

ANNEXURE-IV

DETAILS OF ORGANIZATION

Sl. No	Name & Postal Address	Date of Birth	Qualification	Total experience in years	Name of organization served showing position held and period of service in each position
1.	A.ENGINEERING PERSONNELS				
2					
3.					
4					
5.					
6					
1.	<u>B. MANAGEMENT (NON TECHNICAL)</u>				
2					

Attach an organization chart

SIGNATURE OF BIDDER

ANNEXURE-V

(ENCLOSE DETAILED TECHNICAL SPECIFICATION OF SOLAR POWER PLANT OFFERED AGAINST THIS TENDER INCLUDING THE DIMENSION OF THE PANELS, THEIR UTILITY REQUIREMENTS, DETAILED CATALOGUES, WARRANTY PERIOD ETC. COMPLETE)

1. Supply, Erection & Commissioning of 12 kWp Grid interactive Solar Photovoltaic Roof top Power plant in Kakkanad Factory, Cochin.
 - Grid interactive - No battery backup required.
 - SPV module – 240 Wp or higher rating aggregate to 12 kWp. According to IEC 61215 standard certified.
 - Power conditioning unit(PCU) -12 kW nominal output power rating,DC input 240V to 420 V,AC output-415V,3 phase,50 Hz,IEC approved make.

2. Supply, Erection & Commissioning of 20 kWp Grid interactive Solar Photovoltaic Roof top Power plant in Irapuram Factory, Cochin.
 - Grid interactive - No battery backup required.
 - SPV module – 240 Wp or higher rating aggregate to 20 kWp. According to IEC 61215 standard certified.
 - Power conditioning unit(PCU) -20 kW nominal output power rating,DC input 240V to 420 V,AC output-415V,3 phase,50 Hz,IEC approved make.

PV modules to be used in a highly corrosive atmosphere must qualify Salt Mist Corrosion Testing as per IEC 61701 / IS 61701.

In addition, PV modules must conform to IEC 61730 Part 1-requirements for construction & Part 2 - requirements for testing, for safety qualification or Equivalent IS.

PCU should have data logging,Energy meter & remote monitoring system .

Mounting structures with pedestals corrosion resistant.

Cables -General Test and Measuring Method PVC insulated copper cables for working voltage up to and including 1100 V and UV resistant for outdoor installation.

Junction boxes in connection& electrical accessories like fuse,Circuit breakers to be used of reputed make adhering IEC standards.

SIGNATURE OF THE BIDDER WITH SEAL

ANNEXURE-VI

DELIVERY TIME / COMPLETION PERIOD

SIGNATURE OF THE BIDDER WITH SEAL

Note: - The vendor should have the capacity install and deliver the quoted solar power plant against the tender.

ANNEXURE VII

ACCEPTANCE FORM

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

From

To

ED (Operations) ,
HLL LIFECARE LIMITED
PLOT 1&2,RUBBER PARK,IRAPURAM,VALAYANCHIRANGARA
P.O,ERNAKULAM-683556,
KERALA, INDIA

Dear Sir,

I / We, hereby offer to design/fabricate/supply/install/testing/commission as detailed in schedule hereto or such portion thereof as you may specify in the acceptance of Bid at the price given in the price bid and agree to hold this offer open for **ONE YEAR** from the date of bid opening prescribed by the Purchaser. I/We have understood the terms and conditions mentioned in the invitation for bid and Conditions of Contract furnished by you and have thoroughly examined the specifications quoted in the bid document hereto and are fully aware of the nature of the scope of work required and my/our offer is to comply strictly in accordance with the requirement and the terms and conditions mentioned above. Our firm is empaneled in the list of manufacturer/suppliers under Ministry of New and Renewable Energy.

The following pages have been added to and form part of this bid.

Yours faithfully,

SIGNATURE OF THE BIDDER WITH SEAL

ANNEXURE VIII

CERTIFICATE

I / we hereby certify that the information given with this bidding document is correct. If, at any stage, it is found to be incorrect, I / we understand that the contract will be liable to be terminated and action could be taken against me/us by the Company for damages.

SIGNATURE (S) OF BIDDER WITH SEAL

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

CHECK LIST FOR TECHNICAL BID

SI No.	Item	Yes/No	Remarks
1	Are you an original manufacturer/agent of panels		
2	Enclosed EMD as prescribed in the tender		
3	Application of Pre-qualification duly filled, signed and sealed by the tenderer		
4	Enclosed Details of minimum three similar Orders Executed in last 5 years including certificate of performance from your customers (Reputed condom manufacturers) – Annexure I		
5	Enclosed Details of ongoing Orders under execution – Annexure II		
6	Enclosed Turnover Details – Annexure III		
7	Enclosed Details of Organization – Annexure IV		
8	Enclosed Technical Specification including Catalogue of machines – Annexure V		
9	Attached Delivery/Completion Period (Minimum time required to deliver the entire machines from the date of receipt of confirmed order) – Annexure VI		
10	Enclosed signed and sealed Acceptance Form – Annexure VII		
11	Enclosed Certificate signed and sealed – Annexure VIII		
12	Attached Detailed list of spares for 2 Years operation		

SIGNATURE OF THE BIDDER WITH SEAL