



**BID SPECIFICATION
FOR
REMOTE VILLAGE ELECTRIFICATION**



PROFORMA – I

**Jharkhand Renewable Energy Development Agency
NIB No. JREDA/SPV/1/RVE/2007-08**

Forwarding Letter

Ref . No.....

Date __/__/2007

To,
The Director
Jharkhand Renewable Energy Development Agency
Plot No. 328/B, Road No. 4, Ashok Nagar,
Ranchi - 834002

Sub: **Offer in response to Notice Inviting Bid No. JREDA/SPV/1/RVE/2007-08 for manufacture/assemble, supply, installation, testing & commissioning including 5 years Comprehensive Maintenance Contract (CMC) of SHLS & SSSL Systems.**

Sir,

With reference to above we are submitting this offer after having fully read and understood the nature of the work and having carefully noted all the specifications, terms & conditions laid down in the bid document. This offer is hereby submitted in three different envelope duly marked and sealed as indicated below:

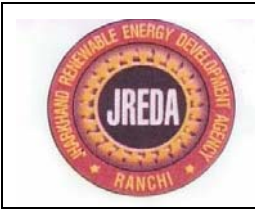
Part – I EARNEST MONEY DEPOSIT	(submitted in original only)
Part – II TECHNO-COMMERCIAL PART	(submitted in original plus two Copies)
Part – III PRICE	(submitted in original only)

We also confirm that:

- a) We are Indian company / firm.
- b) The components of SPV systems shall be indigenously manufactured.
- c) We have never been debarred from executing similar type of work by any Central / State / Public Sector Undertakings / Departments/Nodal Agencies.
- d) The Bid Document is purchased from JREDA office / downloaded from JREDA website. (strike whichever is not applicable) and necessary document in support is enclosed.
- e) We shall execute the offer/work as per specifications, terms & conditions of the Bid Documents on award of work.
- f) Our offer shall remain valid for placement of purchase orders up to 120 days from the due date of submission of offer.
- g) If at any time, any of declarations is found to be false, our offer or order is liable to rejection.

Yours faithfully,

(Signature of Authorised Signatory)
Name
Designation
Company seal



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PROFORMA –II

**Jharkhand Renewable Energy Development Agency
NIB No. JREDA/SPV/1/RVE/2007-08**

Format for authorizing for signing of Bid Document or attending Bid Opening Meeting

Ref. No.....

Date __/__/2007

To,
The Director
Jharkhand Renewable Energy Development Agency
Plot No. 328/B, Road No. 4, Ashok Nagar,
Ranchi - 834002

Subject: Authorizing letter for signing of Bid Document or attending Bid opening Meeting of Notice Inviting Bid No JREDA/SPV/1/RVE/2007-08 for bid on SHLS & SLS Systems.

Sir,

I hereby authorize (Name & Designation) to sign Bid Document or attend the Bid Opening Meeting to be held on at JREDA on behalf of our company. He is also authorized to provide clarifications/confirmations, if any, and such clarification/confirmations shall be binding on us.

The specimen signature of Mr..... is as follows:

Yours faithfully,

(Specimen Signature)
Name & Designation

(Signature of Authorised Signatory)
Name
Designation
Company seal

Note:

1. To be submitted by bidders on official letter-head of the company.
2. Authorization can be for more than one persons



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PROFORMA – III

**Jharkhand Renewable Energy Development Agency
NIB No. JREDA/SPV/1/RVE/2007-08**

1. Name of the Bidder
- Address of Bidder
-
-
- Telephone No.
- Fax No.
- E-mail
- GPS Co-ordinate of Registered Office
- GPS Co-ordinate of Factory campus
2. Name & designation of the authorized
signatory for correspondence
3. Nature of firm (Proprietorship / Partnership / Pvt.
Ltd./ Public Ltd. Co./ Public Sector)
4. Permanent Account Number (PAN)/TIN No.
5. Firm's Registration Number
6. EPF Registration No. (if applicable)
7. Sales Tax/Value added tax Registration no.
8. Specify the item originally manufactured
9. Year of starting of manufacturing/assembling of
PV component(s)
10. International Certification awarded (if any)
11. Installed capacity for solar product / component
12. Production and sales of solar Production Sales
component in last three years

	2004-05		
(in thousand units)	2005-06		
	2006-07		

13. Total sales of PV product during 2004-05
the last three years (in Rupees) 2005-06
2006-07
14. Name of material and model type offered
15. Name of manufacturer of SHLS/SSLS with full
address



- (i) SPV SHLS & SSLS
- (ii) PV Module
- (iii) Control Electronics / Charge Controller
- (iv) Battery

16. Particulars of Earnest Money Deposit
17. Quantity Quoted: SHLS : Nos.
SSLS : Nos.
18. Whether manufacturer is permanently registered as an SSI UNIT of Jharkhand and / or with NSIC UNIT for SPV system :
19. Place where materials will be manufactured and place where materials will be available for inspection. :
20. Whether the bidder has submitted details with regard to supplies made to important organizations. :
21. Details of any existing service network in Jharkhand (Name & address of service centre, year of opening)
22. Other details and remarks, if any :

(Signature of Authorised Signatory)

Name

Designation

Company seal

(Separate sheet may be used for giving detailed information in seriatim duly signed. This bid proforma must be submitted duly signed in case separate sheet is submitted).



PROFORMA – IV

**JHARKHAND RENEWABLE ENERGY DEVELOPMENT AGENCY
NIB No. JREDA/SPV/1/RVE/2007-08**

Information in Support of Meeting Eligibility Condition

Details of orders received & executed by manufacturer/supplier for supply of SHLS & SSLS to different Govt. Organisation/JREDA/ Other Nodal Agency/Important Organisation & Institution during last three years.

SI No.	Name of Agency/ Organisation	P.O. No./date Ordered Qty.	Name of Model	Delivery schedule	Qty. supplied within delivery schedule	Qty. supplied after delivery schedule	Date of full supply
1	2	3	4	5	6	7	8

(Signature of Authorised Signatory)
Name
Designation
Company seal

Note:

- (a) Attach Photocopies of Purchase Orders
- (b) Attach Photocopies of certificate of satisfactory performance issued by concerned Agency/Organisation
- (c) Separate sheet may be used for giving detailed information in seriatim duly signed. This bid proforma must be submitted duly signed in case separate sheet is submitted



PROFORMA – V

**JHARKHAND RENEWABLE ENERGY DEVELOPMENT AGENCY
NIB No. JREDA/SPV/1/RVE/2007-08**

PRICE SCHEDULE

Sl. No.	Item	Total Quantity quoted	Price in Rupees	
			UNIT Price	Total Price
1	2	3	4	5 = 3 x 4
A	Supply of SHLS as per scope including CMC			
B	Supply of SSLS as per scope including CMC			
		Total Price (A+B)		

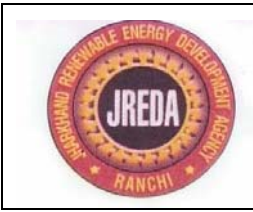
- Note:** 1. Above quoted price for SHLS & SSLS are complete in all respect as per Technical Specifications inclusive of all Central / State / Local taxes & duties, packing, forwarding, transit insurance, loading & unloading, transportation & other charges etc. F.O.R. destination at any site in Jharkhand and inclusive of installation, testing, commissioning, performance testing and training.
2. Certified that rates quoted for SHLS & SSLS are as per specifications, terms & conditions mentioned in the bid document.

(Signature of Authorised Signatory)

Name

Designation

Company seal



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PROFORMA – VI

**Jharkhand Renewable Energy Development Agency
NIB No. JREDA/SPV/1/RVE/2007-08**

NO DEVIATION CONFIRMATION

Ref . No.....

Date __/__/2007

To,
The Director
Jharkhand Renewable Energy Development Agency
Plot No. 328/B, Road No. 4, Ashok Nagar,
Ranchi - 834002

Dear Sir,

We understand that any deviation/ exception in any form may result in rejection of bid. We, therefore, certify that we have not taken any exceptions/ deviations anywhere in the bid and we agree that if any deviation is mentioned or noticed, our bid may be rejected.

(Signature of Authorised Signatory)
Name
Designation
Company seal

Note: This NO DEVIATION CONFIRMATION should be written on the letterhead of the bidder indicating tender ref. no. duly signed and stamped with date by a person competent and having the power of attorney to bind the bidder.



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PROFORMA – VII

**Jharkhand Renewable Energy Development Agency
NIB No. JREDA/SPV/1/RVE/2007-08
Technical & Commercial Part: Part – I
Format for Guarantee Card to be supplied with each SHLS / SSLs
(To be supplied by bidders on official letter-head of the company)
GUARANTEE CARD**

1. Name & Address of the Manufacturer/Supplier of the System :
2. Name & Address of the Purchasing Agency :
3. Date of supply of the system :
4. Details of PV module(s) supplied in the system :
 - a) Name of the Manufacturer :
 - b) Make :
 - c) Model :
 - d) Serial No. :
 - e) Wattage of the PV Module(s) under STC :
 - f) Guarantee valid up to :
5. Details of Battery :
 - a) Name of the Manufacturer :
 - b) Make :
 - c) Model :
 - d) Batch/Serial No(s) :
 - e) Month & year of Manufacture :
 - f) Rated V & AH capacity at C/20 or C/10 rated at 27^oC :
 - g) Guarantee valid up to :
6. Details of Electronics & other BOS item :
 - a) Name of the Manufacturer :
 - b) Make :
 - c) Model :
 - d) Serial No(s) :
 - e) Month & year of Manufacture :
 - f) Guarantee valid up to :
7. Designation & Address of the person to be contacted for claiming Guarantee obligations :

(Signature of Authorised Signatory)
Name
Designation
Company seal

Filling Instructions:

- (1) The SHLS / SSLs components will be generally guaranteed as per clause 23 of General Terms & Conditions. The manufacturer can also provide additional information about the system and conditions of Guarantee as necessary. The Guarantee card to be supplied with the system must contain the details of the system supplied as per format given above.
- (2) During the Guarantee period JREDA/ users reserve the right to cross check the performance of the systems for their minimum performance levels specified in the MNRE specifications.



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PROFORMA – VIII A

PROFORMA FOR BANK GUARANTEE IN LIEU OF EARNEST MONEY DEPOSITE

(TO BE SUBMITTED IN Rs. 50/- NON-JUDICIAL STAMP PAPER TO BE PURCHASED IN THE NAME OF THE ISSUING BANK.

No.

Date:

To,

.....

.....

.....

WHEREAS (Supplier's name) (hereinafter referred to as "Supplier"), a Company registered under the Companies Act., 1956 and having its registered office atis required to deposit with you, the Purchaser, by way of Earnest Money. Rs.(Rupees only) in connection with its Tender for the work was reference to Tender Enquiry No. datedas per specification and terms and conditions enclosed therein AND.

WHEREAS the Supplier as per Clause No. of Instructions to Bid has agreed to establish a Bank Guarantee in Your favour through us valid up to (date) instead of deposit of Earnest Money in cash AND.

WHEREAS you have agreed to accept a Bank Guarantee from us in instead of Earnest Money Deposit in cash from the Supplier.

1. We (Bank) hereby agree and undertake to pay you on demand the said amount of Rs. (Rupees only) without any protest or demur in the event the Supplier / Tenderer after submission of his Tender, resiles from or withdraws his offer or modifies the terms and conditions thereof in a manner not acceptable to you or expresses his unwillingness to accept the order placed and/ or letter of intent issued on you on the Supplier/Tenderer for the work under. Tender Enquiry No. date
2. Your decision as to whether the Supplier/tenderer has resiled from or has withdraw his offer or has modified the terms and conditions there of in a manner not acceptable to you or has expressed his unwillingness to accept the order placed and/or Letter of Intent issued by you on the Supplier/Tenderer for the work under Enquiry No.dated in this regard, shall be final and binding on us and we shall not be entitled to question the same.
3. Notwithstanding anything contained in the foregoing, our liability under this Guarantee shall be restricted to Rs. (Rupees only).



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4. This Guarantee shall remain valid and in full force and effect upto and shall expire thereafter unless an intimation is given to the Bank by you earlier in writing discharging us from our obligation under this Guarantee.
5. We shall not revoke this Guarantee during its currency except by your consent in writing.
6. This Guarantee shall not be affected by any change in the Constitution of the Supplier/Tenderer or yourselves or ourselves but shall ensure to your benefit and be enforceable against our legal successors or assignees by you or your legal successors.
7. Notwithstanding anything contained herein above unless a demand or claim under this Guarantee is made on us in writing within six months from the date of expiry of this Guarantee we shall be discharged from all liabilities under this Guarantee thereafter.
8. We have power to issue this Guarantee under our Memorandum and Articles of Association and the undersigned who is executing this Guarantee has the necessary power to do so under a duly executed Power of Attorney granted to him by the Bank.

SIGNED AND DELIVERED

For and on behalf of above named Bank. For
and on behalf of (Banker's Name)

MANAGER

Address



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PROFORMA –VIII B

**PROFORMA FOR BANK GUARANTEE TOWARDS PERFORMANCE GUARANTEE (SECURITY)
DEPOSIT**

(To be executed on non-judicial stamp paper of appropriate value)

Name of the Bank.....Bank Limited
Address.....Guarantee No.....
A/c Messrs.....
Date of Expiry.....limit to liability Rs.....
Contract No.....
For (Name of Work).....

Subject : **Security Deposit**

Date.....2007

GUARANTEE BOND

1. In consideration of the JHARKHAND RENEWABLE ENERGY DEVELOPMENT AGENCY (JREDA)(hereinafter called the Company) having agreed to exempt _____ (hereinafter called the said contractor(s) from the demand under the terms and conditions of an Agreement dated _____ made between _____ and _____ for _____ (hereinafter called the said Agreement) of security deposit for the due fulfillment by the said contractor(s) of the terms and conditions contained in the said Agreement, on production of a bank guarantee for Rs. _____ (Rupees _____ only) we _____ (indicate Name of the Bank) (hereinafter referred to as the Bank) at the request of _____ (Contractor(s)) do hereby undertake to pay to the Company an amount not exceeding Rs. _____ against any loss or damage caused to or suffered or would be caused to or suffered by the Company by reason of any breach by the said contractor(s) of any of the terms or conditions contained in the said Agreements.
2. We _____ (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the Company stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Company by reason of breach by the said contractor(s) of any of the terms or conditions contained in the said Agreement or by reason of the contractor(s) failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.
3. We undertake to pay to the Company any money so demanded notwithstanding any dispute or disputes raised by the contractor(s)/supplier(s) in any suit or proceeding pending before any court or Tribunal or arbitration relating thereto our liability under these presents being absolute and unequivocal.

The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the contractor(s)/supplier(s) shall have no claim against us for making such payment.

4. We, _____ (indicate the name of the bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Agreement and that it shall continue to be enforceable till all the dues of the



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Company under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till the Company _____ certified that the terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the _____ (date) we shall be discharged from all liability under this guarantee thereafter.

5. We, _____ (indicate the name of the Bank) further agree that the Company shall have the fullest liberty without or consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the said Contractor(s) and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act or omission on the part of the Company or any indulgences by the company to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. This guarantee will not be discharged due to the change in the constitution of the bank or the Contractor(s)/supplier(s).
7. We, _____ (the name of the Bank) further undertake to extend the validity of this guarantee beyond the period stated in hereinabove or as extended from time to time, for such further period as may be required by the Company in writing before the expiry of this guarantee and upon such extension(s), all terms and conditions of this guarantee shall remain in full force till the expiry of the extended period(s).
8. We, _____ (indicate the name of bank) lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing.
9. We have power to issue this guarantee under our Memorandum and Articles of Association and the undersigned has full powers to sign this guarantee on our behalf under power of Attorney dated granted to his and/or the resolution dated passed by our Company of Directors in accordance with our constitution.

Dated the.....day of..... 2007.

For (indicate the name of Bank).
Signature-----
Name -----
Designation -----
Authorisation No -----

In presence of

1.-----

2.-----

Validity of BGs shall be 90 days beyond date of receipt of last material at site

Date & Place -----
Bankers' Seal



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PROFORMA IX

**Jharkhand Renewable Energy Development Agency
NIB No. JREDA/SPV/1/RVE/2007-08
Bid Proforma – Remote village Electrification Programme
Format for Proof of Compliance certificate from Village Energy Committee**

..... ग्राम ऊर्जा समिति

प्रमाण पत्र

प्रमाणित किया जाता है कि ग्राम प्रखण्ड जिला में सुदुर ग्रामीण विधुतीकरण कार्यक्रम अन्तर्गत अपारम्परिक ऊर्जा स्रोत मंत्रालय, भारत सरकार एवं जेडा द्वारा अनुदान के तहत सोलर घरेलू लाईट एवं सोलर स्ट्रीट लाईट की अधिष्ठापन की गई है।

..... अद्द सोलर लाईट मोडेल-2 कुल घरों में सोलर घरेलू लाईट के अधिष्ठापन की गई है। गांव को सोलर उपस्करों से विधुतीकृत किया गया है।

मेसर्स द्वारा उपस्करों की आपूर्ति, अधिष्ठापन एवं कमीषनिंग की गई है।

कार्यकारी सदस्यगण

सचिव

अध्यक्ष

- 1-
- 2-
- 3-
- 4-
- 5-
- 6-
- 7-
- 8-
- 9-
- 10-



**BID SPECIFICATION
FOR
REMOTE VILLAGE ELECTRIFICATION**



PROFORMA X

**Jharkhand Renewable Energy Development Agency
NIB No. JREDA/SPV/1/RVE/2007-08
Bid Proforma – Remote village Electrification Programme
Format for Declaration Certificate from each Beneficiary of Village**

जेडा एवं अपारम्परिक ऊर्जा स्रोत मंत्रालय प्रायोजित
ग्राम विद्युतीकरण कार्यक्रम

सहमति – पत्र

मैं श्री/श्रीमति पिता/पति ग्राम पंचायत
..... थाना जिला का निवासी हूँ। जेडा, राँची एवं अपारम्परिक
ऊर्जा स्रोत मंत्रालय, भारत सरकार,, नई दिल्ली द्वारा ग्राम विद्युतीकरण कार्यक्रम अन्तर्गत मेरे घर में लगाये गये सोलर
घरेलू लाईट मोडेल-2 जो झारखंड सरकार की संपत्ति है को सुरक्षित रखने की गारंटी देता हूँ। मैं इस उपस्कर को
विक्रय/हस्तानान्तरण नहीं करूँगा। विक्रय या हस्तानान्तरण पाए जाने पर मुझ पर संवैधानिक कार्यवाई की जायगी।

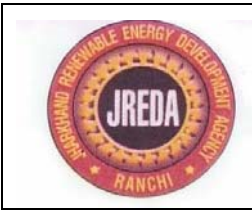
ऊर्जा समिति सदस्य हस्ताक्षर
अध्यक्ष/सचिव

लाभार्थी का हस्ताक्षर
अंगूठा का निषान

उर्पयुक्त उल्लेखित सभी बातें लाभार्थी की ज्ञात भाषा में स्पष्ट रूप से समझा दी गई है एवम् लाभार्थी नें सभी
नियमों के अनुसार विद्युतीकरण कार्यक्रम में सम्मिलित होने की पूर्ण सहमति देने के पश्चात् लाभार्थी नें अपना हस्ताक्षर /
अंगूठा का निशान दिया है।

मैं एतद् द्वारा धोषणा करता हूँ कि लाभार्थी द्वारा धोषित स्वीकृति एवम् विवरण मेरे स्वयं की जानकारी व विश्वास
के अनुसार पूर्ण सत्य है।

ईट्रोड्युसर का पूर्ण हस्ताक्षर



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PROFORMA XI

**Jharkhand Renewable Energy Development Agency
NIB No. JREDA/SPV/1/RVE/2007-08
Bid Proforma – Remote village Electrification Programme
Format for Utilization Report received from each beneficiary of village and Village Energy
Committee**

झारखंड रिन्युएबुल इनर्जी डेवलपमेन्ट एजेन्सी(जेड)
328/बी, रोड नं0 – 4, अशोक नगर,,
राँची-834 002

लाभार्थी एवं ऊर्जा समिति द्वारा प्राप्त उपयोगिता प्रमाण पत्र

कार्यान्वयन एजेन्सी : झारखंड रिन्युएबुल इनर्जी डेवलपमेन्ट एजेन्सी(जेड)
झारखंड सरकार का एक अभिकरण(ऊर्जा विभाग)

निर्माता /आपूर्तिकर्ता :

लाभार्थी का नाम :

पिता का नाम :

गाँव का नाम :

प्रखंड का नाम :

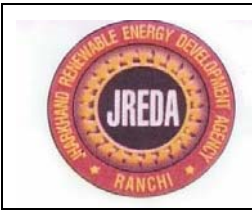
जिला का नाम :

लाभार्थी के घर में लगाये गये सोलर उपकरणों की विवरणी

क्र0	सोलर उपकरण का नाम	मोडुल नं0 मेक एवं उत्पादन वर्ष	इलेक्ट्रॉनिक्स नं0 मेक एवं उत्पादन वर्ष	बैटरी नं0 मेक एवं उत्पादन वर्ष	अधिष्ठापन की तिथि	उपकरण कार्यरत है या नहीं	अभियुक्ति
1.	सोलर घरेलू लाईट 37 वाट मोडेल प्, दो सी. एफ एल 9 वाट						
2.	सोलर स्ट्रीट लाईट 74 वाट, एक सी. एफ एल 11 वाट						

सोलर स्ट्रीट लाईट सामुहिक उपयोग हेतु अधिष्ठापित किया गया है।

सौर ऊर्जा समिति एवं लाभार्थी प्रमाणित करते हैं कि सोलर उपकरणों के देख-रेख की सम्पूर्ण जानकारी निर्माता/आपूर्तिकर्ता द्वारा प्रदत्त की गयी है। लाभार्थी उपकरणों का रख – रखाव प्रदत्त जानकारी के अनुसार करेंगे।



**BID SPECIFICATION
FOR
REMOTE VILLAGE ELECTRIFICATION**



उपस्करों को कभी भी किसी को भी नहीं बेचेंगे एवं किसी दूसरे व्यक्ति को नहीं देंगे। यदि ऐसा मेरे द्वारा किया जाता है तो मुझ पर संवैधानिक कार्यवाही की जायगी।

उपस्करों के लम्बे अवधि तक कार्यरत रखनें एवम् 5 साल बाद बैटरी बदलनें हेतु आरंभ में रूपया दौ सौ (₹0 200/-) सिर्फ एक बार तथा रूपया चालिस(₹0 40/-) प्रतिमाह ससमय भुगतान करनें का वचन देता हूं।

आपूर्तिकर्ता के
अधिकृत व्यक्ति का
हस्ताक्षर एवं मोहर

(अध्यक्ष/सचिवे
ऊर्जा समिति का हस्ताक्षर
एवं मोहर

लाभार्थी का हस्ताक्षर