

Tender No.: CREST/SPVPP/O&M/2022-23/01

Dated: 04.05.2022

BIDDING DOCUMENTS

For

**“Operation and Maintenance Work
for 1045kWp Grid-Connected Rooftop
SPV Power Plants at Different Sites in
Chandigarh for a Period of 5 Years.”**



**Chandigarh Renewable Energy and
Science & Technology Promotion Society
(CREST)**

(Under the Aegis of Department of Science & Technology &
Renewable Energy, Chandigarh Administration), 1st Floor,
Paryavaran Bhawan, Sector-19-B, Chandigarh.
0172-2703982/2771919

INDEX

Name of the Work:

Operation and Maintenance Work for 1045kWp Grid-Connected Rooftop SPV Power Plants at Different Sites in Chandigarh for a Period of 5 Years.

SECTION-A	SR. NO.	DESCRIPTION	PAGE NO.
	1.	Tender Notice	4
	2.	Checklist for Contractors	5
	3.	CPWD Form 8 & Schedule 'E'	6-12
SECTION-B	4.	Tender Terms and Conditions	14-18
SECTION-C	5.	Special Conditions.	20-33
SECTION-D	6.	Scope of Operation & Maintenance	35-37
	7.	Operation and Maintenance Guidelines of Rooftop Grid Connected PV Plant	38-42
	8	Material to be purchased within a period of 30days after allocation of work order.	45
SECTION-E	9.	Financial Bid.	47
ANNEXURES	A	Service Support details	49
	B	Form for Performance Guarantee/ Bank guarantee Bond	50-51
	C	Cost Break Up	52
	D	Monthly Generation Submission Format	53

SECTION-A

TENDER NOTICE
CHANDIGARH ADMINISTRATION
CHANDIGARH RENEWABLE ENERGY AND SCIENCE & TECHNOLOGY PROMOTION SOCIETY
e-Tender Notice

e- Tenders are hereby invited by Chief Executive Officer, CREST from the manufacturers of SPV module/ System Integrators having specific experience of O&M of SPV Power Plants to be uploaded on the <http://etenders.chd.nic.in> in Three Bid System.

Scope of Work	Operation and Maintenance Work for 1045 kWp Grid-Connected Rooftop SPV Power Plants at Different Sites in Chandigarh for a Period of 5 Years.
Cost of tender documents	Rs.1,000/- plus 18% GST to be submitted along with EMD through Demand Draft Favoring CREST, payable at Chandigarh).
Estimated Cost	Estimated cost of Rs. 42.43 Lakh (inclusive of GST)
Earnest Money Deposit	Rs. 84,875/- (Favoring CREST, DD payable at Chandigarh)
Time Limit	61 Months from the date of placement of work order.
Pre Bid Meeting	11.05.2022 at 12.30 P.M (Interested parties can send their queries via E-mail:- crestchandigarh@gmail.com on or before 11.05.2022 at 11:00 AM and afterwards link for video conference will be share for pre-bids meeting.
Downloading of e-tender Documents	Start Date 04.05.2022 At 1700 Hrs End date: 25.05.2022 upto 1700 Hrs
Date of Submission of e-Tender	Start Date 12.05.2022 At 1700 Hrs End date: 25.05.2022 upto 1700 Hrs.
Last Date for Submission of EMD, Cost of tender document, hard copy of Eligibility Documents required for Post-Qualification including signed and stamped copy of DNIT & all other necessary documents as uploaded in e-bid.	After 1700 Hrs. Dated 25.05.2022 up to 1200 Hrs. Dated 27.05.2022
Opening technical bid (Online)	Date: 27.05.2022 at 1230 Hrs.
Opening of Price-Bid.	To be intimated to all the Post-Qualified bidders separately.

CHECK LIST FOR BIDDERS FOR SUBMISSION OF TENDER

Sr. No.	<u>Documents Required</u>	<u>Submitted</u>
1.	Tender Document Fee	
2.	Earnest Money Deposit (EMD)	
3.	Notarized affidavit on Indian non judicial stamp paper that bidder/ firm has never been blacklisted.	
4.	Undertaking on its letterhead that all the terms and conditions of the DNIT are acceptable to the Bidder.	
5.	Affidavit/ certificate from CA mentioning financial turnover of last three years.	
6.	Proof of execution of similar nature of work as per minimum SPV Capacity defined with copy of certificates of satisfactory completion and performance from an authority for which the work was executed including agreement amount, actual amount, date of start, date of completion.	
7.	Proof of experience of having successfully completed similar works during last seven years as per tender estimate cost criteria.	
8.	Detail of service centre after sale of service equipment with telephone facility or Undertaking for opening of service centre after the placement of Work Order.	
9.	Submit a signed and stamped copy of the DNIT and all other documents duly signed and stamped as uploaded while submitting e-bid in the Tender.	
10.	The bidder should fill the cost break up form as per Performa attached and load it along with the financial bid.	

CPWD FORM NO. 8

CHANDIGARH ADMINISTRATION

CHANDIGARH RENEWABLE ENERGY AND SCIENCE & TECHNOLOGY PROMOTIONSOCIETY

STATE: UT, Chandigarh

(A) Tender for the work of: -

Operation and Maintenance Work for 1045kWp Grid-Connected Rooftop SPV Power Plants at Different Sites in Chandigarh for a Period of 5 Years.

DETAILS OF SITES:

Sr. No.	Site Location	System Capacity (in KWp)	Type
1.	Punjab Engineering College, Sector 12, Chandigarh	1000	Rooftop
2.	Govt. Middle School, Cycle Stand, Sector-46D, Chandigarh	15	Parking
3.	IGP Office, Sector-9, Chandigarh	10	Rooftop
4.	Police Station, Sector-26, Chandigarh	05	Rooftop
5.	Police Station, Sector-34, Chandigarh	05	Rooftop
6.	Police Station, Manimajra, Chandigarh	05	Rooftop
7.	Police Station, Sector-36, Chandigarh	05	Rooftop
Total Capacity		1045	

(Chief Executive Officer)
CREST, Chandigarh

TENDER

I/We have read and examined the Notice Inviting Tender, Schedule A, B, C, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, Clauses of Contract, Special Conditions, Schedule of Rate and other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz. Schedule of Quantities and in accordance in all respects with the Specifications, Designs, Drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of Contract and with such materials as are provided for, by and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for (90) Ninety days from the date of opening of tender/ ninety days from date of opening of financial bid and not to make any modifications in its terms and conditions.

A sum of **Rs. 84,875/-** is hereby forwarded has been deposited through Demand Draft of a Scheduled Bank as earnest money. If I/we fail to furnish the prescribed Performance Guarantee within prescribed period, I/we agree that the said President of India or his successor in office shall without prejudice to any other right or remedy be at liberty to forfeit the said Earnest Money absolutely. Further, if I/we fail to commence the work as specified. I/we agree that President of India or his successors in office shall, without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the Performance Guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2, 12.3 and 12.5 of the tender form. Further, I/We agree that in case of forfeiture of earnest money or both Earnest Money & Performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We hereby declare that I/we shall treat the tender documents, drawings and other records connected with the work as Secret / Confidential documents and shall not communicate information / derived there from to any person other than a person to whom I/we am/are may authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated

Signature of Contractor.....

Witness: -

Postal Address: -

Address: -

Telephone No.

Occupation: -

E-Mail:-

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned here under) is accepted by me for a sum of Rs..... (Rupees).....

The letters referred to below shall form part of this contract agreement.

i)

Signature

ii)

iii)

iv)

Dated: -

(Chief Executive Officer)
CREST

SCHEDULE 'A - D':- Not Applicable

SCHEDULE 'E':- Reference to General Conditions of Contract:

1.1 Name of the Work:

“Operation and Maintenance Work for 1045kWp Grid-Connected Rooftop SPV Power Plants at Different Sites in Chandigarh for a Period of 5 Years.”

1.2 Estimated Cost of work: -	<u>Rs. 42.43 Lakh</u>
1.3 Earnest Money: -	<u>Rs. 84,875/-</u>
1.4 Performance Guarantee	5% (2.5 % + 2.5 %) of project capital cost
1.5 Security Deposit	-----
1.6 Time Allowed	61 months

The following expressions shall unless the context otherwise require have the meanings here by specifically assigned to them.

Engineer in charge	Project Manager Or Successor thereof
Superintending Engineer	Project Director Or Successor thereof
Accepting Authority	Chief Executive Officer CREST Or Successor thereof
Delhi Schedule of Rates (DSR)	DSR-2012 with correction/amendments
CPWD Specifications	CPWD Specifications 2012

SCHEDULE 'F':-

General Rules & Directions:-

Officer Inviting Tender: -	Chief Executive Officer CREST
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- (i) The order of preference: - In the case of discrepancy between the Schedule of Quantities, the Specifications and/ or the Drawings, the following order of preference shall be observed:-

- (i) Nomenclature of item as per Schedule of Quantities.
- (ii) Special Conditions.
- (iii) Particular Specifications.
- (iv) CPWD Specifications.
- (v) Architectural Drawings.
- (vi) Indian Standard Specifications of B.I.S.

(ii) Standard CPWD Contract Form CPWD Form 8 as modified and corrected upto 28.01.2012 with amendments as per **Section-III**.

Clause-1:-

- (i) Time allowed for submission of Performance guarantee after date of issue of letter of acceptance **15 days**
- (ii) Maximum allowable extension beyond **Nil**

the period as provided in (i) above

Clause-2:- I. Authority for fixing compensation

Chief Executive Officer

CREST

II. Whether clause-2A shall be applicable.

No (In works with time limit More than 18 months.

Clause-3:- Time allowed for O&M of plant.

61 months

Authority to give fair and Reasonable extension of timeManual 2012 for completion of work.

Appropriate clause of CPWD Work

Clause-4:- Gross work to be done together with net payment / adjustment advances for material collected, if any, since the last such payment for being eligible to interim payment

NIL

Clause-5:-

Component of labour expressed as percent of total value of work.

75%

Clause-6:-	to be applicable in contracts with stipulated period of completion exceeding the period	Not applicable
Clause-7:-	Specifications to be followed for execution of work	C.P.W.D. Specifications
Clause-8:-	Not Applicable	
Clause-9:-	Not Applicable	
Clause-10:-	Not Applicable	
Clause-11:-	Not Applicable	
Clause-12(a):-	Accord sanction of substituted items.	Appropriate clause of CPWD Works Manual 2012.
Clause 12(b) :-	Accord sanction of extra items.	-do-
12.2 & 12.3:-	Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work	30%
12.4:-	Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation works	100%
Clause-13:-	Competent Authority for Deciding reduced rates.	Chief Executive Officer CREST

SCHEDULE 'F':-

The following expressions shall unless the context otherwise require have the meaning share by specifically assigned to them.

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CPWD Specifications	CPWD Specifications 2012

Clause-14:-

Sr. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical Representative)	Minimum Experience	Number	Rate at which recovery shall be made from contractor in the event of non deployment.	
						Figures	Words
1.	Graduate Engineer OR Diploma Engineer Holder	Electrical/ Mechanical/ CSE/IT	Principal Technical Representative	2 Years	1 No.	Rs.20000/- per month	Rs Twenty thousand only per month.

SECTION - B
INVITATION OF BIDS

TENDER TERMS AND CONDITIONS

e- Tenders are hereby invited by Chief Executive Officer, CREST from the manufacturers of SPV module/ System Integrators having specific experience of O&M of SPV Power Plants to be uploaded on the <http://etenders.chd.nic.in> in Three Bid System.

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Opening technical bid(Online)	Date: 27.05.2022 at 1230 Hrs.
Opening of Price-Bid.	To be intimated to all the Post-Qualified bidders separately.

1. The DNIT with detailed terms and conditions can be downloaded/Uploaded by the bidders from the website of Chandigarh Administration at <https://etenders.chd.nic.in>.
2. The tender document should be uploaded.
 - i) **Bid -1** : Shall contain Earnest Money along with cost of DNIT to be submitted in Physical form upto 1200Hrs on 27.05.2022
 - ii) **Bid- 2** : Shall contain post qualification documents such as Annual Financial turnover and completion certificate of work & Technical Specifications
 - iii) **Bid -3** : The price bid for each item shall be uploaded separately.
3. The earnest money should be in the shape of Bank Guarantee (as per prescribed format) / FDR (Fixed Deposit Receipt) / Demand Draft of any scheduled bank payable at Chandigarh in favour of the Chief Executive Officer, CREST, Chandigarh.
4. **The Bid -1** shall be opened on 27.05.2022 at 1230 Hrs. and the firm should upload the tender document upto 1700 Hrs. on 25.05.2021.
5. **The Bid -2** shall be opened only of Bidders whose earnest money found to be in order.
6. **The Bid -3** shall be opened of those contractors who will be found technical qualified for that item of the **work**. The date of opening Envelope 3 shall be intimated on line after approval of technical bid from the competent authority.
7. Bid document can be downloaded from the website of Chandigarh Administration Chandigarh <https://etenders.chd.nic.in>. However, for general information, guidance and reference, the Bid Document can also be viewed & downloaded on website mentioned above.
8. The Bidders should upload in Electronic Format on the website scanned copies of eligibility documents shall also be uploaded along within the prescribed time limit.
9. The firm should submit a signed and stamped copy of the DNIT and all other documents duly signed and stamped as uploaded while submitting e-bid in the office of CREST, Paryavaran Bhawan, Sec-19, Chandigarh along with the physical submission of EMD after 1700 hrs on 25.05.2022 and by 1200 hrs on 27.05.2022. The Agency has to produce the original documents as and when asked for by Chief Executive Officer, CREST, and Chandigarh. The failure of the Agency to furnish the said original documents will entail summarily rejection of its tender.
10. Meeting for scrutiny of technical bid and eligibility criteria shall be held as mentioned against the works in the office of Chief Executive Officer, CREST, Chandigarh.