

SECTION-1:NOTICEINVITINGTENDER(NIT)



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

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SECTION-1

NOTICEINVITINGTENDER(NIT)

‘Bid for Design, Engineering, Supply & Procurement, Erection, Testing, Commissioning and Comprehensive Operation & Maintenance for 2 (Two) Years with one day battery backup for 25KW off grid Solar PV system to be installed on Portacabine at GSECL, Khavda RE Park Dist. Kutch, Gujarat.

Gujarat State Electricity Corporation Limited (GESCL) on behalf of Indian invites interested parties to participate in this Request for Proposal (this “RFP or the “Tender Documents” or the “Tender”) for bidding and selection process for the appointment of Contractor for Bid for Design, Engineering, Supply & Procurement, Erection, Testing, Commissioning and Comprehensive Operation & Maintenance for 2 (Two) Years with one day battery backup for 25KW off grid Solar PV system to be installed on Portacabine at GSECL, Khavda RE Park Dist. Kutch, Guj”.

Tender Documents may be downloaded from Web site <http://gsecl.nprocure.com> (For view, down load and on-line submission) and GSECL websites www.gsecl.in (For view & download only.) Tender fee & EMD shall be paid along with submission of Tender Documents. All the relevant documents of Tender shall be submitted physically by **Registered PostA.D.or Speed Post**addressedto:**TheChiefEngineer(P&P),GujaratStateElectricityCorporationLtd,CorporateOffice, Planning&ProjectDepartment,VidyutBhavan,RaceCourse,VADODARA- 390007, Gujarat** superscribing the envelope with Tender No. and Description. “NO COURIER SERVICE” shall be considered for submission of Tender.

TABLE A: IMPORTANT PARAMETERS

Sr. No	Description	Clause Description.	
1	Title of Tender:	Tender for Design, Engineering, Supply & Procurement, Erection, Testing, Commissioning and Comprehensive Operation & Maintenance for 2 (Two) Years with one day battery backup for 25KW off grid Solar PV system to be installed on Portacabine at GSECL, Khavda RE Park Dist. Kutch, Gujarat.	
2	Invitation of Bid	Tender for Design, Engineering, Supply & Procurement, Erection, Testing, Commissioning and Comprehensive Operation & Maintenance for 2 (Two) Years with one day battery backup for 25KW off grid Solar PV system to be installed on Portacabine at GSECL, Khavda RE Park Dist. Kutch, Gujarat.	
3	Estimated Cost of Project	Rs. 26,78,393.75/- (Including GST).	
4	Placement of Order & contract Agreement.	Separate Orders and contract agreements for supply, works, O & M.	
5	Time limit	45 days from the date of NTP (Including Monsoon)	
6	Tender fee and EMD	Tender fee: Tender. INR 1000 + 18 % GST = Rs. 1180/- (Non-refundable) and EMD Rs. 20,000/-	
7	Validity of Bid	One Hundred and Twenty (120) days from the date of opening of the Technical Bid of this Tender.	
8	Important dates of Tender.	Date of upload tender	12.09.2022
		Site Visit	Not Applicable
		Last date and time for receipt of questions/ queries/ clarifications	Not Applicable
		Pre Bid meeting	Not Applicable
		Online Bid submission	03.10.2022 Up to 16:00 hrs
		Physical Bid submission & Bid opening {This is mandatory}	11.10.2022 up to 16:00 hrs
		Date of opening of Tender Fee, EMD Cover, Vendor Registration and Technical Bid Physical as well as Online opening	14.10.2022
		Financial Bid opening followed by E reverse Auction.	Will be decided by GSECL and will be intimated to Qualified Bidders.
9	Tentative Date for completion of Performance Ratio Test	At the time of Commissioning & completed entire capacity within 20 Days	

10	Operation and Maintenance (O&M) Period	After Completion of Performance Ratio (PR) Test, O&M period shall start and it shall be of two (2) years from the date of PR Test at site.
11	O&M Bank Guarantee (O&M BG)	2.5% of EPC Contract Price, to be submitted upon completion and acceptance of Performance Ratio Test as per Clause No. 9 of this table. The O&M Bank Guarantee shall be valid 90 days beyond the O&M Period.
12	EMD Validity	120 (One hundred and Twenty) days from the date of technical bid opening.
13	Bank Guarantee Against PV Module Warranty (if applicable)	90 days beyond the 02 Years from the date of Commissioning of the entire Project.
14	SD Cum PBG	10% of the EPC Contract Price, to be submitted within seven (7) days, along with the acceptance of Lol, initially valid for a period of Twelve (12) months from the date of issue of Lol; if required, the PBG shall have to be extended for further 3 months beyond the due date of successful completion of PR test.
15	CUF (%)	Minimum 22 % during 1st Year of operation.
16	Deration in Generation (kWh)	The maximum Deration in generation allowed over the first ten years of operation is 10%. (Annual deration to be carried out on a written down method basis) and over the life of the project is 20%.
17	Bank Guarantee against PV Module Warranty (if applicable)	If Insurance is not submitted by Bidder for PV Module Rs. 1000 / KW of PV Module (DC Capacity) required to be submitted prior to Start of O & M project.
18	Delay in Commissioning	It shall be levied to the Contractor at Rs. 50 per KW/Day on prorata basis (excluding the value of partial commissioning achieved and accepted) for delay of one (1) day up to maximum delay of 90days. In case of delay for more than five (05) months, GSECL may terminate the Contract and get the Project completed by other suitable agency at the risk and cost of the Contractor.
19	Govt Financial Assistance (GFA).	EPC Contractor shall avail the applicable Govt Financial Assistance i.e. Subsidy.
20	Liquidated Damages for Delay and Underperformance	<p>Delay in Commissioning</p> <p>In case the Contractor fails to achieve successful Commissioning of plant by the due date indicated in Time limit as per Clause-5, then GSECL shall levy the Liquidated Damages on the Contractor.</p> <p>The Liquidated Damages shall be levied to the Contractor at Rs. 50 per KW/Day on prorata basis (excluding the value of partial commissioning achieved and accepted) for delay of one (1) day with maximum delay of 90 days. In case of delay for more than five (5) months, GSECL may terminate the Contract and get the Project complete by other suitable agency at the risk and cost of the Contractor.</p>

21	Underperformance during Performance Ratio Test	At the time of the Performance Ratio Test, any shortfall in the Performance Ratio (PR) as determined through the Test will attract imposition of Liquidated Damages after one (1) unsuccessful chance. For any shortfall in PR below 0.75 by the Bidder for the second (2) time, a penalty of 1% of the EPC cost of installed capacity of particular plant (including taxes & duties) shall be levied. In case the first Test is unsuccessful then penalty shall not be charged but the Contractor has to make the necessary corrections to conduct the test again within the stipulated maximum 10 (Ten) days. In the second (2nd) time, a penalty at the rate specified above shall be levied on the Contractor. The penalty shall be deducted from the pending payment and Performance Bank Guarantee and O&M period shall start irrespective of result of performance ratio test.
22	Defect Liability	The Defect Liability Period shall be eighteen (18) months from the date of start of O&M Period ("Defects Liability Period").
23	Maximum Liability of Contractor	For EPC Contract : Maximum Liability of contractor shall be 10 % of EPC Contract price.
24	<p>Pre-Qualifying Requirements (PQRs)/ Eligibility Conditions</p> <p>(A) GENERAL The Bidder shall be a body incorporated in India under the Companies Act, 1956 or 2013 including any amendment thereto.</p> <p>(B) TECHNICAL For the capacity bided by Contractor (on or after 1st April 2014, For ground mounted/Floating/Canal top solar projects/Rooftop projects).</p> <p>(i) The Bidder should have designed, supplied, and erected/, supervised and commissioned of Solar Photo Voltaic (SPV) based grid connected power plant(s) of Cumulative installed capacity of 25 KW, out of which at least one plant should have been of AC 25 KW or Two Projects of 20 kW or above or Three Projects of 10 KW or above higher capacity. The reference plant of minimum capacity as mentioned above must have been in Successful operation.</p> <p>(ii) The bidder should be an Indian company registered in India and should be Group company/Holding Company /Subsidiary company / JV company meeting the Requirements of Clause (i) above. In such a case, Bidder shall furnish an Undertaking jointly executed by the firm qualified as per clause (i) and the Bidder along with its bid for complete performance of the contract jointly or severally as per format enclosed, failing which the Bidder's bid is liable to be rejected.</p> <p>(iii) Bids of JV company shall only be considered if following conditions are met.</p> <p>a) JV formed should be firmed prior to bid submission.</p> <p>b) JV formed for more than two partners shall not be considered.</p> <p>c) Bidder participating as JV has to indicate details of all JV partner in "details of Bidder" as per appendix 2 of tender.</p>	