

**Tender Amendment/ Clarification Document**

**Date:** 04<sup>th</sup> October 2024

**Ref.: GIPCL/Solar/PV Modules/2024-25**

To,  
**Prospective Bidder(s),**

**Sub: Amendments/ Clarifications to "Notice Inviting Tender for supply of solar PV Modules for 500 MW (AC) (625 MWp) Solar PV Project at Great Rann of Kutch, Nr. Vill. Khavda in Gujarat, India."**

Ref.: 1) Tender Enquiry Document No. GIPCL/Solar/PV Modules/2024-25, dated 21<sup>st</sup> August 2024.

- (1) GIPCL has floated Notice Inviting Tender for supply of solar PV Modules for 500 MW (AC) (625 MWp) Solar PV Project at Great Rann of Kutch, Nr. Vill. Khavda in Gujarat, India (GIPCL/Solar/PV Modules/2024-25).
- (2) GIPCL received queries from various potential Bidders in response to the Tender.
- (3) Based on the deliberations with participants in the Pre-Bid Meeting, amendments/ clarifications to the Tender Enquiry Documents are being issued (The "Amendment Document").
- (4) This Amendment Document shall now be considered as an integral part of the Tender Enquiry Document. All other terms and conditions applicable to the Tender shall now be applicable to this Amendment Document also. Any amendments/clarifications indicated in this Amendment Document shall supersede all relevant terms and conditions/ clauses of the Original Tender.
- (5) The Bidder shall understand, duly sign and seal each page of this Amendment/Clarification Document and submit as per the method / procedure mentioned in the Tender.

Yours faithfully,  
For and on behalf of GIPCL

**Sd/-**

General Manager (RE Projects)

Enclosed: 1). Attachment-1 (Amendment-1).  
2). Consolidated Response to Bidder's Queries.



## Attachment-1 (Amendment-1)

Date: 04.10.2024

### IMPORTANT NOTE

Amendment / Addendum / Clarification / Corrigendum issued herein shall form part of Tender Enquiry Document on 21<sup>st</sup> August 2024. All Bidders to please note that Amendment/Addendum/Clarification/Corrigendum issued will supersede the respective Clause / Sub-Clause of Original Tender Enquiry Document to the extent for the Clause / Sub-Clause or part thereof the amendment is issued. All other terms and conditions of the original Tender Enquiry Document No: GIPCL/Solar/PV Modules/2024-25 published on 21<sup>st</sup> August 2024 will remain unchanged.



**Amendment to the TED GIPCL/Solar/PV Modules/2024-25**

**All the Tender Terms & Conditions will remain unchanged other than the below Amended Term**

Sr. No.	Section	Clause No.	Page No.	Original Term		Amended Term																									
1.	Section- 1	2.0 TABLE A: IMPORTANT DATES Sr. No. v	2 of 10	Online (e-tendering) Tender/Offer submission last date {This is mandatory}	25-09-2024 Time: 17:00 hours (IST) On Electronic Tender System (ETS) portal for Bid Submission	Online (e-tendering) Tender/Offer submission last date {This is mandatory}	<b>10-10-2024</b> Time: 17:00 hours (IST) On Electronic Tender System (ETS) portal for Bid Submission																								
2.	Section- 1	2.0 TABLE A: IMPORTANT DATES Sr. No. vi	2 of 10	Physical receipt of Bid with all the relevant documents last date (By RPAD or Speed Post or By Personal Messenger) {This is mandatory}	26-09-2024 Gujarat Industries Power Company Ltd. (GIPCL) GIPCL Bhuj office: Pramukh Square Building, 1st Floor, Opp. Regenta Resort, Airport Ring Road, Bhuj-370 001 Dist. Kutch, Gujarat	Physical receipt of Bid with all the relevant documents last date (By RPAD or Speed Post or By Personal Messenger) {This is mandatory}	<b>11-10-2024</b> Gujarat Industries Power Company Ltd. (GIPCL) GIPCL Bhuj office: Pramukh Square Building, 1st Floor, Opp. Regenta Resort, Airport Ring Road, Bhuj-370 001 Dist. Kutch, Gujarat																								
3.	Section- 5	3.0. Terms of Payment for Supply	2 of 3	<table border="1"> <thead> <tr> <th>Sr.</th> <th>Payment Milestones</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Advance Payment on: (i) Acceptance of Lol (ii) Submission of Advance Bank Guarantee of equivalent amount (iii) Submission of Performance Bank Guarantee (validity period of PBG should be 120 days from the last lot of PV Modules received at site) for 10% of the total Contract Price (iv) Submission of detailed PV Module supply schedule.</td> <td>15% of Supply Price excluding taxes &amp; duties</td> </tr> <tr> <td>2</td> <td>Supply of Solar PV Modules on pro-rata basis as per mutually agreed schedule on sequential basis only to the Project Site.</td> <td>70% of Supply Price</td> </tr> <tr> <td>3</td> <td>Receipt of Modules at site on pro-rata basis and physical verification and certification by the Project Manager/Owner's Representative for the quantity received.</td> <td>15% of Supply Price</td> </tr> </tbody> </table>		Sr.	Payment Milestones	Amount	1	Advance Payment on: (i) Acceptance of Lol (ii) Submission of Advance Bank Guarantee of equivalent amount (iii) Submission of Performance Bank Guarantee (validity period of PBG should be 120 days from the last lot of PV Modules received at site) for 10% of the total Contract Price (iv) Submission of detailed PV Module supply schedule.	15% of Supply Price excluding taxes & duties	2	Supply of Solar PV Modules on pro-rata basis as per mutually agreed schedule on sequential basis only to the Project Site.	70% of Supply Price	3	Receipt of Modules at site on pro-rata basis and physical verification and certification by the Project Manager/Owner's Representative for the quantity received.	15% of Supply Price	<table border="1"> <thead> <tr> <th>Sr.</th> <th>Payment Milestones</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Advance Payment on: (i) Acceptance of Lol (ii) Submission of Advance Bank Guarantee of equivalent amount (iii) Submission of Performance Bank Guarantee (validity period of PBG should be 120 days from the last lot of PV Modules received at site) for 10% of the total Contract Price (iv) Submission of detailed PV Module supply schedule.</td> <td>15% of Supply Price excluding taxes &amp; duties</td> </tr> <tr> <td>2</td> <td><b>*Dispatch</b> of Solar PV Modules on pro-rata basis as per mutually agreed schedule on sequential basis only to the Project Site.</td> <td>70% of Supply Price + <b>100% taxes at actuals on submission of documentary proof.</b></td> </tr> <tr> <td>3</td> <td>Receipt of Modules at site on pro-rata basis and physical verification and certification by the Project Manager/Owner's Representative for the quantity received.</td> <td>15% of Supply Price <b>excluding taxes &amp; duties</b></td> </tr> </tbody> </table>		Sr.	Payment Milestones	Amount	1	Advance Payment on: (i) Acceptance of Lol (ii) Submission of Advance Bank Guarantee of equivalent amount (iii) Submission of Performance Bank Guarantee (validity period of PBG should be 120 days from the last lot of PV Modules received at site) for 10% of the total Contract Price (iv) Submission of detailed PV Module supply schedule.	15% of Supply Price excluding taxes & duties	2	<b>*Dispatch</b> of Solar PV Modules on pro-rata basis as per mutually agreed schedule on sequential basis only to the Project Site.	70% of Supply Price + <b>100% taxes at actuals on submission of documentary proof.</b>	3	Receipt of Modules at site on pro-rata basis and physical verification and certification by the Project Manager/Owner's Representative for the quantity received.	15% of Supply Price <b>excluding taxes &amp; duties</b>
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Sr. No.	Section	Clause No.	Page No.	Original Term		Amended Term	
						<b>Note:</b> 1. Owner may consider payment through Letter of Credit (LC) for supply part for Sr. No. 2, Charges for LC opening and other bank charges shall be borne by the EPC Contractor/Owner respectively. 2. *Dispatch shall means submission of documents for proof of dispatch of PV Module like copy of LR etc. in line with Tender conditions.	
4.	Section- 8	2.1.(f)	3 of 16	f) The PV module shall be made of high-quality solar cells, laminated in ultraviolet stabilized polymer material like EVA, polyester and thermally toughened low iron tempered / heat strengthened glass and back sheet (Transparent) / glass material shall be high quality according to relevant international standards and IEC 61730.		f) The PV module shall be made of high-quality solar cells, laminated in ultraviolet stabilized polymer material like EVA, <b>EPE</b> , polyester and thermally toughened low iron tempered / heat strengthened glass and back sheet (Transparent) / glass material shall be high quality according to relevant international standards and IEC 61730.	
5.	Section- 8	2.1.(l)	3 of 16	Module pig tail cables shall be UV resistant solar DC copper cable of lengths of 300 to 500 mm with maximum tolerance of +50 mm as per the project design requirement and of size 4 mm <sup>2</sup> with DC connectors adaptive to MC4 type connector directly. The junction box shall be split type with suitable cable connection between two PV Modules in a daisy chain arrangement. MC4 type connector should be TUV/ any accredited certified. The positive (+) terminal has a male connector while the negative (-) terminal has a female connector. However, any different design and length of the pig tail cable offered (without any extra cost) shall be reviewed during detail engineering.		Module pig tail cables shall be UV resistant solar DC copper cable of lengths of 300 to 500 mm with maximum tolerance of +50 mm as per the project design requirement and of size 4 mm <sup>2</sup> with DC connectors adaptive to MC4 <b>Compatible</b> type connector directly. The junction box shall be split type with suitable cable connection between two PV Modules in a daisy chain arrangement. MC4 <b>Compatible</b> type connector should be TUV/ any accredited certified. The positive (+) terminal has a male connector while the negative (-) terminal has a female connector. However, any different design and length of the pig tail cable offered (without any extra cost) shall be reviewed during detail engineering.	
6.	Section- 8	2.1.(n)	4 of 16			<b>Added:</b> <b>Bidder shall submit undertaking (Refer Annexure-A3) that the PV Modules are capable of withstanding the wind loads of minimum 1600 Pa with 400mm Mounting holes and 2400 Pa with 1400mm mounting holes along with Bid submission.</b>	
7.	Section- 8	2.1.(o)	4 of 16			<b>Added:</b> <b>PV Modules shall be compatible to mount on Tracker systems with tracking range of ± 60° and also compatible with Dry type Robotic cleaning systems.</b>	
8.	Section 8	5.1. Table -1 (B -7)	08 of 16	Weight	<33 kg	Weight	< 34 kg



Sr. No.	Section	Clause No.	Page No.	Original Term		Amended Term						
9.	Section 8	5.1. Table -1 (C -11 d)	09 of 16	d) Terminal connector	Solar PV connector (MC4)	d) Terminal connector	Solar PV connector (MC4 <b>Compatible</b> )					
10.	Section 8	5.4 MATERIALS INSPECTION PLAN – MANUFACTURING STAGE AND / OR PRE-DISPATCH INSPECTION Table 3: Pre-dispatch Inspection Test	11 of 16			Sr. No.	Sample Test	Sampling Reference/ Standard				
						8.	Temperature Coefficient Test (In process & Pre-Dispatch Inspection Test)	One sample per Lot (Maximum lot Size shall be limited to 20 MWp) to be conducted by the Bidder				
11.	SECTION – 6	APPENDIX-22: INSURANCE REQUIREMENTS	46 of 60	(a) Transit Insurance Policy:		(a) Transit Insurance Policy:						
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**Annexure A3: Format for Undertaking of PV Modules capability**

(On Company Letter Head with Seal)

Ref. No. \_\_\_\_\_

Dated:

To  
Shri A. K. Vaishnav  
General Manager (RE Projects)  
Gujarat Industries Power Company Limited  
GIPCL Bhuj office: Pramukh Square  
Building, 1<sup>st</sup> Floor, Opp. Regenta Resort,  
Airport Ring Road, Bhuj-370 001  
Dist. Kutch, Gujarat

**Sub: Submission of the Bid for RFP Document No. GIPCL /Solar/PV Modules/2024-25 dtd. ....**

Dear Sir,

This has reference to your RFP Document No. GIPCL /Solar/PV Modules/2024-25 dtd. .... Issued for manufacturing, testing, supply, packing & forwarding, transportation and insurance of 625 MWp Solar PV Modules, up to the Project site at 2375 MW RE Park, Nr. Vill. Khavda, Great Rann of Kutch Area, Gujarat.

We do hereby undertake the following: .....{**Name of Authorized Person**} on behalf of (**Name of Bidder**)”

Undertake to GIPCL that:

1. It is hereby confirmed that the PV Modules offered have the capability of withstanding the wind loads of minimum (a) 1600 Pa with 400mm Mounting holes (b) 2400 Pa with 1400mm mounting hole and PV Modules shall be compatible to mount on Tracker systems with tracking range of  $\pm 60$  Degree and also compatible with dry type Robotic cleaning systems.
2. We shall indemnify to M/s. GIPCL against any liability/ claims whatsoever arising out of non-compliance as claimed by GIPCL, without any protest or demur whatsoever.
3. This letter of undertaking is without prejudice to the rights available to GIPCL under the Contract.

Authorized Signatory of the Contracting Party

Place:

Date: