

**BEFORE GUJARAT ELECTRICITY REGULATORY COMMISSION
GANDHINAGAR**



CASE NO. _____

**Filing of Petition for Determination of Tariff of 210 MW Solar Photovoltaic
Grid Connected Power Project located at Babarzar, District: Jamnagar**

Under

Section 62 read with Section 86 (1) (a) of the Electricity Act, 2003.

Filed by: -

Gujarat State Electricity Corporation Limited

Regd. Office: Vidyut Bhavan, Race Course Circle, Vadodara – 390 007.

**BEFORE GUJARAT ELECTRICITY REGULATORY COMMISSION
GANDHINAGAR**

Filing No:

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IN THE MATTER OF	Petition under Section 62 read with Section 86 (1)(a) of the Electricity Act 2003 for determination of tariff of 210 MW Solar Photovoltaic Grid Connected Power Project located at Babarzar, Dist.: Jamnagar established by GSECL.
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AND

IN THE MATTER OF	Gujarat State Electricity Corporation Ltd. Vidyut Bhavan Race Course, Vadodara – 390 007 Petitioner
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AND

IN THE MATTER OF	Gujarat Urja Vikas Nigam Limited Ltd. Sardar Patel Vidyut Bhavan Race Course, Vadodara – 390 007 Respondent
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ABBREVIATIONS

1.	CEA	Central Electricity Authority
2.	FY	Financial Year
3.	GEB	Gujarat Electricity Board
4.	GERC	Gujarat Electricity Regulatory Commission
5.	GoG	Government of Gujarat
6.	GoI	Government of India
7.	GSECL	Gujarat State Electricity Corporation Limited
8.	GUVNL	Gujarat Urja Vikas Nigam Limited
9.	KV	Kilo Volt
10.	KWh	Kilo Watt Hour
11.	MW	Mega Watt
12.	O&M	Operation & Maintenance
13.	PAF	Plant Availability Factor
14.	PLF	Plant Load Factor
15.	GETCO	Gujarat Electricity Transmission Corporation Limited
16.	SLDC	State Load Dispatch Centre
17.	STU	State Transmission Utility
18.	CTU	Central Transmission Utility
19.	CERC	Central Electricity Regulatory Commission
20.	COD	Commercial Operation date
21.	CUF	Capacity Utilization Factor
22.	LoA	Letter of Award
23.	SEA	State Energy Account
24.	DSM	Deviation Settlement Mechanism
25.	BESS	Battery Energy Storage System
26.	NEEGG	Net Electrical Energy Guaranteed Generation
27.	MWh	Mega Watt Hours

THE PETITIONER ABOVE NAMED RESPECTFULLY SUBMITS AS UNDER

SECTION-1- Introduction

This section presents the Background, Regulatory Framework and reasons for filing this Petition.

A. Background: -

1. Government of Gujarat (hereinafter referred to as "GoG") notified the Gujarat Electricity Industry (Reorganization and Regulation) Act 2003 in May 2003 for the reorganization of power sector in the State of Gujarat.
2. Pursuant to the above, Gujarat Electricity Board (the Board) has been unbundled into functional entities w.e.f. 1st April 2005. The activities of Generation, Transmission, Distribution, Bulk power purchase and supply undertaken by erstwhile Gujarat Electricity Board has been entrusted to seven separate functional companies. The generation activity is assigned to Gujarat State Electricity Corporation Ltd. (GSECL) and all power stations of erstwhile GEB transferred to GSECL.
3. Gujarat State Electricity Corporation Limited (GSECL) was registered in 1993 under the Companies Act 1956 for generation of electricity.
4. Revenue Department, Government of Gujarat vide G.R. No: JMN-3919-259-A1 dated 07.03.2019 has notified a Scheme for allocation of government wasteland in the vicinity of GETCO Sub-stations to Public Sector Undertakings {PSUs} operating under Energy and Petrochemicals Department for development of Solar Projects at a nominal lease of ₹1/- per hectare for a period of 30 years. The key objective of this Scheme was to extend the benefit of cheap renewable power to the end consumers of the State by means of optimal utilization of resources viz. government wasteland and existing transmission infrastructure network created by GETCO having spare capacity for evacuation of power. A copy of Government of Gujarat, Revenue Department's G.R. No: JMN-3919-259-A1 dated 07.03.2019 is enclosed herewith as **Annexure-A**
5. Pursuant to the above, Energy and Petrochemicals Department, Government of Gujarat vide G.R. No. SLR/11/2019/675/B1 dated 16.08.2019 has further notified that, Gujarat State Electricity Corporation Ltd (hereinafter referred as GSECL), shall develop 2500 MW solar capacity under the above Scheme wherein 50% of the project cost would be

provided by the State Government as capital subsidy to GSECL. A copy of Energy and Petrochemicals Department, Government of Gujarat G.R. No. SLR/11/2019/675/B1 dated 16.08.2019 is enclosed herewith as **Annexure-B**

6. GSECL Board, through Board Resolution No. 163.16.5288 dt. 01.08.2019 (**Annexure-C**) approved to invite & finalize Contracts through open tenders including reverse auction process for Design, Engineering, Supply & Procurement, Construction, Erection, Testing, Commissioning, and Operation & maintenance of grid connected Solar PV power projects to be established on Govt. wastelands in the vicinity of GETCO substations.
7. The Board also approved to finalize and execute Power Purchase Agreement/s (PPA) with Gujarat Urja Vika Nigam Limited (GUVNL) on Cost Plus Basis for the energy generated and supplied by GSECL from these projects.
8. Thereafter, GUVNL, vide Letter dated 20.06.2020 conveyed in-principal approval to sign Power Purchase Agreement (PPA) with GSECL for purchase of power from 2500 MW Solar Capacity to be developed on Government Wasteland In the vicinity of GETCO's substations through competitive bidding process by GSECL (**Annexure-D**).
9. Pursuant to the approval of GSECL Board, e-tenders were invited to select the contractor for Engineering, Supply & Procurement, Construction, Operation & Maintenance of 210 MW Solar Photovoltaic Grid connected Power Plant at Babarzar EPC tender finalization involved the following stages: -
 - Land order was issued by District Collector. Power Evacuation feasibility with Substation has been provided by GETCO.
 - Based on the land profile detailed feasibility study for power capacity estimation was carried out.
 - Tender Terms & Conditions were approved as per Board Resolution before publishing the tender document.
 - Details of land coordinates, evacuation substation etc. were kept as a part of tender document.

- Final tender was uploaded on on-line tendering portal 'n-procure' for online participation. Schedules of site visit by prospective bidders and pre-bid meetings were mentioned in the tender document.
- Site visit was done by prospective bidders and then pre-bid meeting was also arranged for clarification on various issues.
- Bids were received online through online tendering portal 'n-procure' and other relevant documents were received in hard copy.
- First, the technical bids (online & hard copies) were opened by the tender opening committee. The scrutiny of tender documents was done as per the Pre-Qualification Requirement (PQR) specified in the tender documents.
- Thereafter, price bids of technically qualified bidders were opened on n-procure online bidding portal for each site / group followed by e-Reverse Auction (e-RA) for respective sites for discovery of the best prices.
- Successful bidder was evaluated as per Evaluated Bid Value (EBV) specified in the tender documents (Terms & Condition No. 4.12 of the tender document Page-45).
- After evaluation of bids, M/s. Larsen & Toubro Ltd. was selected as L-1 bidder with total contract price of ₹887.12 Crores. (₹796.64 Crores Supply Plus ₹90.48 Crores Works). After obtaining necessary approvals of GSECL authorities, LOI to M/s. Larsen & Toubro Ltd. was issued. On acceptance of LOI and payment of security deposit, the detailed order for supply & works were issued. **(Annexure-E1 & E2).**

10. Total completion period of the work was 18 months from the date of Notice to Proceed (NTP), i.e. 05.09.2022 (18 months from NTP date i.e. 06.03.2021). However, as per Amendment No.3 to work order issued dt. 26.09.2022 **(Included in Annexure-E2)** completion date was revised to 20.11.2022. Further, LOI for comprehensive O&M contract for the period of 10 years was awarded to M/s. Larsen & Toubro Ltd. Value of O&M for 10 years is ₹43,34,71,388/- **(Annexure-F).**

11. Further, Additional cost of GST and BCD amounting to ₹39.72 Crores and ₹203.65 Crores respectively was paid due statutory variation and ₹80.93 Crores were incurred on pre-operative and Head Office Supervision charges. Accordingly, the Capital cost of this project was finalized as ₹1211.43 Crores. This Solar Plant was declared Commercially Operational in phased manner as below:

Date of Commissioning	Commissioned Capacity in MW
08.01.2025	19.09
08.02.2025	89.09
10.03.2025	101.82
Total	210.00

GEDA Certificates of commissioning are enclosed as **Annexure-G**. **Hon'ble Commission is kindly requested to approve the Project Cost of ₹1211.43 Crores.** A certificate showing the Project Cost incurred from Chartered Accountant M/s Mukund & Rohit is also attached herewith as **Annexure-H** is enclosed herewith for kind perusal by Hon'ble Commission.

12. Earlier, GUVNL had filed Petition No. 2013 of 2021 before Hon'ble Commission under Section 86 (1)(b) and (e) of the Electricity Act 2003 for approval of power procurement and execution of Power Purchase Agreement(s) for procurement of power from Solar Projects to be established by GSECL under Government of Gujarat's Scheme notified vide G.R. No: JMN-3919-259-A1 dated 07.03.2019 for allocation of government wasteland in the vicinity of existing GETCO sub-stations to the PSUs operating under Energy & Petrochemicals Dept.
13. Hon'ble Commission issued the final order in this Petition No. 2013 of 2021 on 19.07.2023 (filed by GUVNL) and directed GUVNL & GSECL to sign the PPA and also directed GSECL to file project specific Petitions for determination of tariff under Sections 61, 62, 64 read with Section 86 of the Electricity Act, 2003 on completion of the project/s i.e. after achieving COD of the solar power plant and supply of electricity carried out from such plant by Respondent GSECL to the Petitioner by providing of technical, financial and commercial parameters.
14. Thereafter, GSECL entered into a Power Purchase Agreement (PPA) for sale of power from this project with Gujarat Urja Vikas Nigam Limited (GUVNL) on 16.06.2025, enclosed as **Annexure-I**.

15. As per Clause No. 5.2 of Article-5 pertaining to "Rates & Charges" of the PPA dt. 16.06.2025, GUVNL shall pay GSECL a fixed Tariff as determined by Hon'ble Commission in the Tariff Petition filed by GSECL for determination of Project Specific Tariff for this project for entire life of 25 years of the project. Further it also states that the determination of tariff would be by considering 50% Capital Grant as per Energy & Petro Chemicals Dept., GoG's GR No. SLR-11-2019-675-B1 dt.16.08.2019. Hence, this present petition is filed by GSECL before Hon'ble Commission.

B. Regulatory Framework: -

1. Gujarat Electricity Regulatory Commission (hereinafter referred to as "GERC" or "the Commission"), an independent statutory body constituted under the provisions of the Electricity Regulatory Commissions (ERC) Act, 1998 and is currently under purview of the Electricity Act, 2003. GERC is vested with the authority of regulating power sector in the State inter alia including determination of Tariff for electricity consumers.
2. Determination of Tariff for supply of electricity is one of the important functions of State Electricity Regulatory Commission as provided in Section 86 of the Electricity Act, 2003.

The Act provides that: -

"Section 86 (Functions of State Commission): --- (1) The State Commission shall discharge the following functions, namely: -

- (a) Determine the tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the State.
Provided that where open access has been permitted to a category of consumers under Section 42, the State Commission shall determine only the wheeling charges and surcharge thereon, if any, for the said category of consumers; "
- (b) Regulate electricity purchase and procurement process of distribution licensees including the price at which electricity shall be procured from the generating companies or licensees or from other sources through agreements for purchase of power for distribution and supply within the State.

3. Moreover, Section 61 of the Electricity Act 2003 states that the Appropriate Commission shall subject to the provisions of this Act, specify the terms and conditions for the determination of tariff and in doing so, shall be guided by the following namely: -

- a) The principles and methodologies specified by the Central Commission for determination of the tariff applicable to generating companies and transmission licensees.

- b) The generation, transmission, distribution and supply of electricity are conducted on commercial principles.
- c) The factors which would encourage competition, efficiency, economical use of resources, good performance and optimum investments.
- d) Safeguarding of consumers' interest and at the same time, recovery of the cost of electricity in a reasonable manner.
- e) The principles reward efficiency in performance.
- f) Multiyear tariff principles.
- g) That the tariff progressively reflects the cost of supply of electricity and also, reduces cross-subsidies in the manner specified by the Appropriate Commission.
- h) The promotion of co-generation and generation of electricity from renewable sources of energy.
- i) The National Electricity Policy and tariff policy: Provided that the terms and conditions for determination of tariff under the Electricity (Supply) Act, 1948, the Electricity Regulatory Commission Act, 1998 and the enactments specified in the Schedule as they stood immediately before the appointed date, shall continue to apply for a period of one year or until the terms and conditions for tariff are specified under this section, whichever is earlier.

4. Further, "Section 62 (Determination of tariff):

(1) The Appropriate Commission shall determine the tariff in accordance with the provisions of this Act for – (1) The State Commission shall discharge the following functions, namely: -

(a) supply of electricity by a generating company to a distribution licensee:

Provided that the Appropriate Commission may, in case of shortage of supply of electricity, fix the minimum and maximum ceiling of tariff for sale or purchase of electricity in pursuance of an agreement, entered into between a generating company and a licensee or between licensees, for a period not exceeding one year to ensure reasonable prices of electricity;

(b) transmission of electricity ;

(c) wheeling of electricity;

(d) retail sale of electricity:

Provided that in case of distribution of electricity in the same area by two or more distribution licensees, the Appropriate Commission may, for promoting competition among distribution licensees, fix only maximum ceiling of tariff for retail sale of electricity.

5. Moreover, Hon'ble Commission through Notification No. 12 of 2024 dt. 05.08.2024 has issued GERC MYT Regulations 2024. Regulation 1.4 of this Regulation states as under: -

Quote

"These Regulations shall come into effect from the date of their publication in the Official Gazette, and shall remain in force till March 31, 2030, unless otherwise reviewed/extended: Provided that for all purposes, including review matters pertaining to the period till March 31, 2025, the issues relating to determination of Aggregate Revenue Requirement and Tariff shall be governed by the provisions of the Gujarat Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2005, or Gujarat Electricity Regulatory Commission (Levy And Collection of Fees and Charges by SLDC) Regulations, 2005, or Gujarat Electricity Regulatory Commission (MYT Framework) Regulations, 2011, or Gujarat Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2016, including amendments thereto, as may be applicable."

Unquote

The Petitioner respectfully submits that the Letter of Intent (LOI) for execution of this Solar Power Project was issued on 11.02.2021 and work commencement was undertaken on 06.03.2021. Scheduled date of Commercial operation was 20.11.2022 (Amendment No.3 to work order). It is pertinent to mention that the project was conceptualized, bid out, financially structured, and executed based on the regulatory framework prevailing at the relevant time of existence of the GERC (Multi Year Tariff) Regulations, 2016.

In view of the investment decision based on the financial modeling worked out considering principles laid down under GERC MYT Regulations 2016 and project award, the present Petition is being filed under the provisions of the GERC (Multi Year Tariff) Regulations, 2016 of Hon'ble Commission. Various components of the Tariff have been worked out considering the provisions under MYT Regulations 2016.

SECTION-2 Executive Summary

This Section highlights the salient features of 210 MW Solar Photovoltaic Grid Connected Power Project established by GSECL at located at Babarzar, Dist: Jamnagar.

1. Technical details of the Project :

1. Name of the Project: 210 MW Solar Photovoltaic Grid Connected Power Project.
2. Location of the Project: GETCO Wasteland in possession of GSECL, Babarzar.
3. Capacity of the Solar Plant: 210 MW
4. Project Life: 25 years
5. Solar Plant CUF as per PPA: 25.00%.
6. Scheduling of the Project: Must Run status.
7. Name of EPC contractor: M/s. Larsen & Toubro Ltd.
9. Date of LOI issued: 11.02.2021
10. Date of Notice to Proceed (NTP) to work: 06.03.2021
11. Completion Period: 18 months from date of NTP i.e. 05.09.2022
12. Revised Completion Date: 20.11.2022
13. Actual date of Commercial Operation of the Project: 08.01.2025 (19.09 MW), 08.02.2025 (89.09 MW) & 10.03.2025 (101.82 MW), Total 210 MW on 10.03.2025.

2. Financial Parameters of the Project :

1. Cost of Contract Awarded: : M/s. Larsen & Toubro Ltd.
 - Supply Contract: ₹796.64 Crores.
 - Works Contract: ₹90.48 Crores
 - Total Value: ₹887.12 Crores
2. Total Project Cost: ₹1211.43 Crores.
3. Assumptions for working of Tariff: GSECL has considered the following Financial Parameters for working of Tariff for sale of power from this Project: -
 - Capital Cost of the Project: ₹605.71 Crores (50% of ₹1211.43 Crores. Considering ₹605.72 Crores Grant)
 - Life of the Project: 25 years.

3. Sources of Finance :

Sr. No.	Sources of Fund	Approval /GR No. & Date	Amount (₹ in Crores)
1	Capital Grant from Govt. of Gujarat (*)	Disbursement pending from GoG	605.72
2	GSECL's own funds	-	605.71
Total Funds Deployed in this project (**)			1211.43

(*) Currently total grant disbursed by GoG to GSECL for developing solar projects on Govt. Wastelands is fully utilized. However, future receipts will be allocated to balance receivable grant for this project i.e. ₹605.72 Crore (Considering 50% grant of total project cost) as and when disbursed by GoG.

(**) No loans were taken for this project.

4. Other Assumptions :

- Normative Debt / Equity Ratio: 70:30
- Rate of Interest considered for Normative Loan: 7.08% on the basis of Hon'ble GERC Order No.2418 of 2024
- Return on Equity: 14.00 %
- Discounting Factor for computing of NPV of the Project: 9.16%.
- O&M Expenses: Considered actual on the basis of LOI for O&M contract for first 10 years then after from 11th year onwards escalated @5.25%
- Rate of Depreciation: 5.28% for the first twelve years. After 12 years, depreciation is charged on balance useful life of the project.
- Working Capital Requirement: O&M expenses for one month plus Receivables for sale of electricity for one month.
- Interest on Working Capital: 11.07% on the basis of Hon'ble GERC Order No.2418 of 2024.

The Levelized Tariff Calculations for entire life of the project using above assumptions and considering provisions of MYT Regulations of Hon'ble Commission is carried out and the levelized Tariff for sale of power is as shown under:

Sr. No.	Particulars	Actual Cost to be recovered (₹ in Crores)	Net Present Value (NPV) (₹ in Crores)
1	Interest on Normative Loan	201.89	134.67
2	Return on Equity	636.00	246.76
3	Depreciation	545.14	259.43
4	Interest on Working Capital	18.72	7.37
5	O&M Expenses	155.18	49.97
A	Total Fixed Cost (A)	1556.93	698.20
6	Add: Salvage Value	60.57	6.78
B	Total Cash in Flow (A+6)	1617.51	704.98
C	Present Value of Initial Cash Outflows		605.71
D	Present Value of Cash flows during Project life		653.06
E	Net Present Value of the Project		47.35

Detailed working of various components of Tariff is described in subsequent section.

SECTION-3- Determination of Tariff

This Section outlines detailed computation of Fixed Cost Components and Levelized Tariff for entire life of 25 years of the Project. Total Fixed Cost has been bifurcated into the following components: -

1. Depreciation
2. Interest and Finance Charges
3. Return on Equity
4. O&M expenses
5. Interest on Working Capital.

It is most respectfully submitted that in accordance with the directives issued vide Order dt. 19.07.2023 by Hon'ble Commission in Petition No. 2013 of 2021 filed by GUVNL, both GUVNL & GSECL have signed the Power Purchase Agreement (PPA) for a period of twenty five years. A copy of the PPA is enclosed herewith as **Annexure-I**. As per the Terms of PPA and in view of the directives issued by Hon'ble Commission vide Order dt. 19.07.2023, all components of Tariff have been worked out considering 50% (₹605.71 Crores) of the total Project cost of ₹1211.43 Crores.

Accordingly, different components of Fixed Cost have been worked out as under: -

1. Depreciation:

For the entire life of 25 years of project, depreciation has been calculated in accordance with the provisions under Regulation 39 of MYT Regulations, 2016. Depreciation has been worked out on 50% value of the cost of the project. For this project, the life of solar power plant is 25 years,. Accordingly, depreciation has been worked out as per Regulation No. 39.2 (b), wherein it is provided to calculate depreciation as per rates prescribed by the Hon'ble Commission for first twelve years and thereafter, remaining depreciation has been spread over balance useful life of the project, i.e. 13 years. Depreciation calculation is done considering life of 25 years up to 90% of the capital cost considered for Tariff determination. In view of this, depreciation amount is worked out as under:-

Sr. No.	Particulars	Amount (₹Crores)
1	Depreciation of Solar Plant	545.14
2	Present Value of Depreciation	259.43

Hon'ble Commission is kindly requested to approve Depreciation as proposed above.

2. Interest and Finance Charges

The funding of this project has been done through Grant approved by Govt. of Gujarat (GoG) and internal accruals of GSECL. Funding through GOG's Grant and Internal accruals are in the ratio of 50:50. Total Project cost incurred is ₹1211.43 Crores. Accordingly, 50% amount i.e. ₹605.72 crores shall be received from GoG as grant. Balance amount of ₹605.71 Crores has been funded through internal funds. No loans have been taken for this project. Accordingly, tariff components are worked out considering ₹605.71 Crores as the Capital cost. However, for the purpose of Tariff Determination, the funding for this project has been assumed to be undertaken with Normative Debt: Equity Ratio of 70:30 in accordance with MYT Regulations, 2016. Considering total Project Cost of ₹605.71 Crores, normative loan works out to ₹424.00 Crores. Since, GSECL has not taken any loan for this Project, the rate of interest is considered as 7.08% p.a. on the basis of rate of interest approved by Hon'ble GERC in its Order No. 2418 of 2024 for true-up of FY 2023-24. Accordingly, Interest & Finance Charges are worked out as under: -

Sr. No.	Particulars	Description
1	Total Normative Loan	₹424.00 Crores
2	Total Repayment Period	16 years
3	Repayment amount	Equals to the depreciation during particular year as per Regulation 38.3 of MYT Regulations, 2016
4	Rate of Interest	7.08%p.a. (As per GERC Order No. 2418 of 2024 for True-up of FY 2023-24)
5	Total Interest amount	₹201.89 Crores
6	Present Value of Interest amount	₹134.67 Crores

It is most respectfully submitted to approve the Interest on Loan as proposed.

3. Return on Equity (RoE) :

The funding of this project has been done through grant approved by Govt. of Gujarat and internal accruals in 50: 50 ratio. The amount of ₹605.72 Crores shall be funded through grants by GoG while the balance amount of ₹605.71 Crores has been funded from internal funds. In other words, 50% amount of this project has been funded through Equity Contribution. However, for the purpose of Tariff Determination, the funding for this project has been assumed to be undertaken with Normative Debt-Equity Ratio of 70:30 in accordance with MYT Regulations, 2016. Considering total project cost of ₹605.71 Crores, normative Equity Component works out to ₹181.71 Crores. Return on Equity (RoE) is allowed at the rate of 14% in accordance Regulation 37 of MYT Regulations, 2016. Accordingly, RoE is worked out as under: -

Sr. No.	Particulars	Description
1	Total Normative Equity	₹181.71 Crores
2	Rate of RoE	14.00% p.a.
3	Total RoE amount	₹636.00 Crores
4	Present Value of RoE	₹246.76 Crores

Hon'ble Commission is kindly requested to allow the RoE as worked out above.

4. Operation and Maintenance (O&M) Expenses :

GSECL while inviting EPC tenders for work of construction of this project, also invited quotes for Operation & Maintenance (O&M) expenses for this Project for a period of 10 years after commissioning of the Project. M/s Larsen & Toubro Ltd. had quoted a total cost for O&M work of ₹43.35 Crores and also submitted a year-wise break-up of the same. Further, on the basis of historical trend, O&M expenses for a further period from 11th year onwards has been escalated at the rate of 5.25%. The working of O&M expenses for entire life of project with its present value is shown as under: -

Sr. No.	Particulars	Amount (₹ in Crores)
1	O&M Expenses upto 10 th year	43.35
2	O&M Expenses from 11 th to 25 th year	111.83
3	Total O&M Expenses	155.18
4	Present Value of O&M Expenses	49.97

Hon'ble Commission is kindly requested to approve the O&M expenses as proposed above.

5. Interest on Working Capital :

Working Capital Requirement is computed by considering O&M expenses for one month plus Receivables for sale of electricity for one month in accordance with MYT Regulations, 2016. Interest on Working Capital is considered on the basis of approved rate as per GERC Order No. 2418 of 2024 as 11.07% p.a. accordingly, amount of interest on working capital is worked out as ₹18.72 Crores. The present value of interest on working capital is worked out as ₹7.37 Crores.

It is most respectfully submitted to approve the Interest on Working Capital accordingly.

6. Total Fixed Cost :

In view of our aforementioned submissions, total Fixed Cost projected for the entire Project life is summarized as under: -

Sr. No.	Particulars	Actual Cost to be recovered (₹ in Crores)	Net Present Value (NPV) (₹ in Crores)
1	Interest on Normative Loan	201.89	134.67
2	Return on Equity	636.00	246.76
3	Depreciation	545.14	259.43
4	Interest on Working Capital	18.72	7.37
5	O&M Expenses	155.18	49.97
A	Total Fixed Cost (A)	1556.93	698.20
6	Add: Salvage Value	60.57	6.78
B	Total Cash in Flow (A+6)	1617.51	704.98
C	Present Value of Initial Cash Outflows		605.71
D	Present Value of Cash flows during Project life		653.06
E	Net Present Value of the Project		47.35

In view of the above working, it is most respectfully submitted to approve as under: -

1. Project cost of ₹605.71 Crores including Supply & Works. (Considering 50% Capital Grant)
2. Fixed Levelized Tariff of ₹1.76 per kWh for entire life of 25 years.

Required Formats showing detail of Project, Capital Cost and working of Levelized Tariff of ₹1.76 per kWh are enclosed herewith as **Annexure-J**.

Further, Draft PPA for the Solar PV Projects developed by GSECL on Government Wasteland had been approved by Hon'ble Commission with Article No. 4.1.8 in Petition No. 2013 of 2021 and the same PPA is being executed for all Solar PV Projects developed on Govt. wastelands by GSECL with GUVNL. Article No. 4.1.8 of the PPA states as below:-

Quote

4.1.8 Early Commissioning: *The However Producer shall be permitted for full commissioning as well as part commissioning of the project even prior to the SCOD (Scheduled Commissioning Operation Date). In case of early part-commissioning, till SCOD, GUVNL shall reserve the right to purchase the generation till SCOD, at 75% (Seventy-five Percent) of PPA tariff. However, in case of entire capacity is commissioned prior to SCOD, GUVNL may purchase generation at PPA Tariff.*

Unquote

Moreover, it is most respectfully submitted that, original Scheduled Commercial Operation Date (SCOD) of this project was 20.11.2022. However, this project was declared commercially operational in three parts, i.e. (1) 08.01.2025 (19.09 MW) (2) 08.02.2025 (89.09 MW) and (3) 10.03.2025 (101.82 MW). As per the clause no. 4.1.8 of the PPA, 75% Tariff may be applicable for initial 19.09 MW and 89.09 MW commissioned on 08.01.2025 and 08.02.2025 respectively, and 100% Tariff as determined by Hon'ble Commission may be applicable w.e.f. 10.03.2025. In this regard, it is humbly submitted that since, the tariff for these projects are to be determined under Section 61, 62 and 64 read with Section 86 of the Electricity Act, 2003 i.e. on Cost-Plus basis and also being worked out considering 50% of the Project Cost resulting in much lower tariff, **GSECL hereby requests Hon'ble Commission to allow 100% Tariff w.e.f. 08.01.2025 on partly commissioned capacity and 100% Tariff on full capacity of 210 MW w.e.f. 10.03.2025.** Accordingly, it is most respectfully submitted to kindly approve Amendment in Article No. 4.1.8 (approved in Petition No. 2013 of 2021) as under:-

4.1.8 Early Commissioning: The However Producer shall be permitted for full commissioning as well as part commissioning of the project even prior to the SCOD (Scheduled Commissioning Operation Date). In case of early commissioning of full capacity or part of full capacity, till SCOD, GUVNL may purchase generation at PPA Tariff till SCOD.

SECTION-4- Prayer:-

GSECL respectfully prays to the Hon'ble Commission:

1. To admit this Petition seeking approval of Capital Cost of 210 MW Solar Photovoltaic Grid Connected Power Project located at Babarzar, Dist: Jamnagar, established by GSECL and Fixed Tariff of ₹ 1.76 per kWh for entire life of 25 years of the project.
2. To approve various components of Fixed Cost along with their present value and total net present value of the project.
3. Pass suitable orders for implementation of Tariff proposal for entire life of the Project from the date of Commercial Operation of the Project, i.e. 08.01.2025 (19.09 MW), 08.02.2025 (89.09 MW) and 10.03.2025 (101.82 MW) and to issue bills for sale of Energy sold from this Project from CoD as stated above at the tariff approved by Hon'ble Commission for sale of Energy as per the terms of Power Purchase Agreement.
4. To approve amendment in Article No. 4.1.8 of PPA (approved in Petition No. 2013 of 2021), for sale of energy from partly commissioned project before SCOD at approved tariff instead of 75% of the tariff and pass suitable orders in this matter.
5. To grant any other relief as the Hon'ble Commission may consider appropriate.
6. The Petitioner craves leave of the Hon'ble Commission to allow further submissions, addition and alteration to this Petition, as may be necessary from time to time.
7. Pass any other Order as the Hon'ble Commission may deem fit and appropriate under the circumstances of the case and in the interest of justice.



Signature of the Petitioner
Gujarat State Electricity Corporation Limited

Date: 24/04/26
Place: Vadodara

Declaration:

The Petitioner hereby declares that the subject matter of the petition has not been raised by the petitioner before any other forum, and that no other forum has passed any orders in relation thereto.



Signature of the Petitioner
Gujarat State Electricity Corporation Limited

Dated: 24/04/26
Place: Vadodara

S.R. No. 2218
Date : 24/4/2026

BEFORE GUJARAT ELECTRICITY REGULATORY COMMISSION
GANDHINAGAR

Filing No: -

Case No: -

IN THE MATTER OF	Petition under Section 62 read with Section 86 (1)(a) of the Electricity Act, 2003 for determination of tariff of 210 MW Solar Photovoltaic Grid Connected Power Project located at Babarzar, Dist: Jamnagar established by GSECL.
AND	
IN THE MATTER OF	Gujarat State Electricity Corporation Ltd. Vidyut Bhavan Racecourse, Vadodara – 390 007 Petitioner
AND	
IN THE MATTER OF	Gujarat Urja Vikas Nigam Limited Ltd. Sardar Patel Vidyut Bhavan Race Course, Vadodara – 390 007 Respondent

Affidavit verifying the Application

I, Pritesh A. Parekh, son of Shri Ashokbhai G. Parekh, aged 41 years, working at GSECL, Vidyut Bhavan, Race Course, Vadodara do solemnly affirm and say it as follows:

I am Deputy Engineer (Commerce/GERC) of M/s. Gujarat State Electricity Corporation Limited, the Petitioner in the above matter and am duly authorized by the said Petitioner to make this affidavit.

The Statements made herein above are true to the best of my knowledge and belief, which I believe them to be true.

Solemnly affirmed at Vadodara on this 24th day of April'2026, that the contents of the above affidavit are true to the best of my knowledge, no part of it is false and nothing material has been concealed there from.



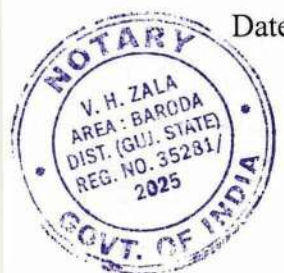
(Pritesh A. Parekh)
Deputy Engineer (Commerce/GERC)

Solemnly Affirmed/Declared
Sworn Before me by P.A. Parekh

V. H. Zala
NOTARY (Govt. of India)

Place: Vadodara.

Date: 24/04/26



211 No. 2
Date: 11/15/39

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GETCO ના હયાત સબ સ્ટેશનની નજીકની સરકારી ખરાબાની પડતર જમીન સોલાર પીવી પ્રોજેક્ટ માટે ૩૧.૧/- ના ટોકનદરે ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગને ભાડાપદ્ધતી ફાળવવા બાબત.

ગુજરાત સરકાર

મહેસૂલ વિભાગ

ઠરાવ ક્રમાંક: જમન-૩૯૧૯-૨૫૯-અ.૧

સચિવાલય, ગાંધીનગર

તારીખ: 7 MAR 2019

સંદર્ભ:- વિભાગનો તા.૨૫-૦૧-૨૦૧૯નો ઠરાવ ક્રમાંક:- જમન-૩૯૧૫-૯૨૪-અ.૧

પ્રસ્તાવના

રાજ્ય સરકાર દ્વારા રાજ્યના દરેક ગામે ગામે પુરતા પ્રમાણમાં વીજળી મળી રહે તે હેતુથી ગુજરાત એનર્જી ટ્રાન્સમિશન કંપની લી. (GETCO) મારફતે સબસ્ટેશનો બનાવવામાં આવેલ છે. આ હયાત સબસ્ટેશનો આસપાસની સરકારી ખરાબાની પડતર દબાણ રહિત (ગૌચર અને ગામતળ સિવાયની) જમીન પર સોલાર પાવર પોટેન્શીયલની ચકાસણી કરી વધારાની સોલાર ક્ષમતાનું નિર્માણ કરવા તથા ટ્રાંસમિશન(પ્રવહન) માટેનો ખર્ચ ઘટે તે હેતુ ધ્યાને લઈ, રાજ્યના અંતિમ ગ્રાહકોને ફાયદો થાય તે મુજબ વીજળી પહોંચી શકે તે આશયથી સોલાર પીવી પ્રોજેક્ટસની સ્થાપના કરવા અંગે જમીન ભાડાપદ્ધતી ફાળવવાની નીતિ નક્કી કરવાની બાબત સરકારશ્રીની વિચારણા હેઠળ હતી.

ઠરાવ:-

પુખ્ત વિચારણાના અંતે GETCO ના હયાત સબ સ્ટેશનની નજીકમાં આવતી સરકારી ખરાબાની દબાણ રહિત (ગૌચર અને ગામતળ સિવાયની) પડતર જમીન સોલાર એનર્જી પ્રોજેક્ટ માટે હેક્ટર દીઠ ૩૧. ૧/- ના ટોકનદરે ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગને ભાડાપદ્ધતી નીચેની જોગવાઈઓ મુજબ ફાળવવા આથી ઠરાવવામાં આવે છે.

(૧) મહેસૂલ વિભાગ દ્વારા GETCO ના સબસ્ટેશનની નજીકમાં આવતી સરકારી ખરાબાની પડતર દબાણ રહિત જમીન (ગૌચર અને ગામતળ સિવાયની) ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગને સોલાર પીવી પ્રોજેક્ટ માટે ૩૦ વર્ષ માટે હેક્ટર દીઠ ૩૧. ૧/- ના ટોકનદરે ભાડાપદ્ધતી ફાળવવાની રહેશે.

(૨) ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ આ જમીન તેમના હસ્તકના કોઇપણ PSUs (પી.એસ.યુ)ને ૪૦ મેગા વોટ સુધીના નાના સોલાર પીવી પ્રોજેક્ટ સ્થાપવા માટે આપી શકશે.

(૩) PSUs (પી.એસ.યુ) સબ લીઝ દ્વારા આ જમીન પ્રોજેક્ટ ડેવલપરને આપી શકશે આ રીતે આપવામાં આવેલ જમીન ઠરાવ તારીખથી ૩૦ વર્ષ પછી ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગે ભાડાપટ્ટે ફાળવેલ જમીન વિના અવેજે, તમામ પ્રકારના બોજા મુક્ત તથા દબાણ રહિત મહેસૂલ વિભાગને પરત કરવાની રહેશે.

(૪) PSUs (પી.એસ.યુ) જ્યારે આ જમીન પ્રોજેક્ટ ડેવલપરને સબલીઝ આપશે તે સંજોગોમાં પ્રોજેક્ટ ડેવલપરની પસંદગી ટેન્ડરીંગ પ્રોસેસ દ્વારા કરશે તથા પ્રોજેક્ટ ડેવલપર આ અંગેનો વાર્ષિક અહેવાલ ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગને તથા કલેક્ટરશ્રીને રજૂ કરશે

(૫) સબલીઝનું ભાડુ પ્રતિ હેક્ટર રૂ.૧૫,૦૦૦/- તથા ઇતર વેરા વિગેરે જમીનનો કબજો સોંપ્યા તારીખથી સરકારમાં જમા કરાવવાના રહેશે. ત્યારબાદ દર ત્રણ વર્ષે ૧૫% ના દરે ભાડામાં વધારો કરવામાં આવશે. પ્રોજેક્ટ ડેવલપરે વાર્ષિક ભાડુ તથા ઇતરવેરા વિગેરે અગાઉથી જમા કરાવવાના રહેશે. નિયત તરીખથી ૯૦ દિવસની મુદત પછી ૧૨% લેખે સાદુ વ્યાજ લેવામાં આવશે. ડેવલપર વ્યાજ સહિતનું ભાડુ ૨૪ માસમાં જમા કરાવવામાં નિષ્ફળ જાય તો તેને ફાળવેલ ભાડાપટ્ટે રદ કરીને જમીન સરકાર હસ્તક પરત લેવામાં આવશે. (વિભાગના તા.૨૫-૦૧-૨૦૧૯ના વિન્ડ/સોલાર/વિન્ડ-સોલાર હાઇબ્રીડ પાર્ક માટે સરકારી પડતર જમીન ફાળવવાની નીતિના ઠરાવની જોગવાઈ મુજબ)

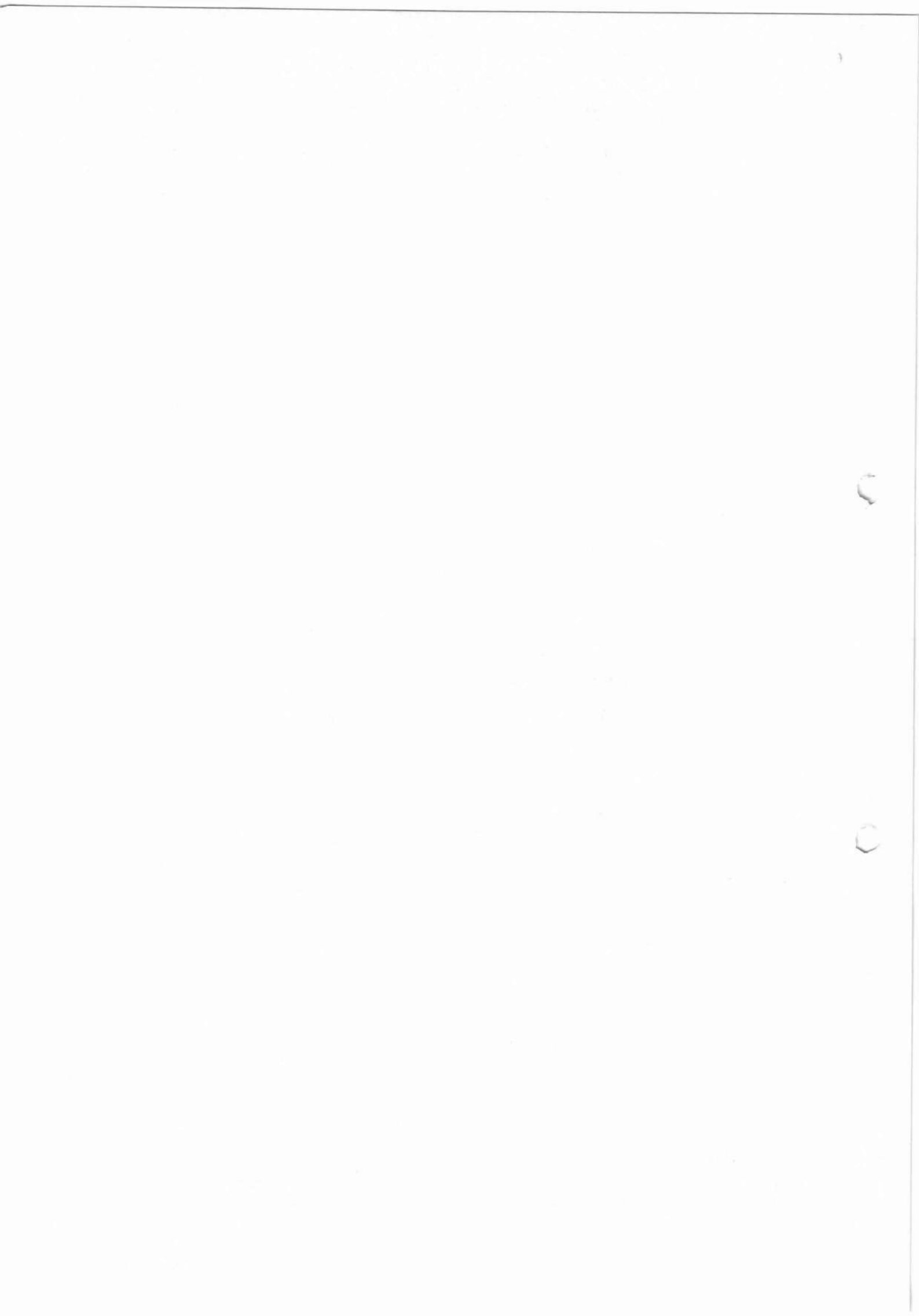
(૬) કોમન ફેસિલીટી, સર્વિસ સેન્ટર્સ, અન્ય માળખાકીય સુવિધા, રસ્તા વગેરે માટે વપરાતી જમીનોનું ભાડું પણ ઉપર મુજબ ભરપાઈ કરવાનું રહેશે.

(૭) ૨ વર્ષના અંતે ભાડાપટ્ટે ફાળવેલ જમીન પર પ્રોજેક્ટ ની ૧૦૦% ક્ષમતા ઉભી કરવાની રહેશે અને તે સંબંધમાં ૨ વર્ષના અંતે સમીક્ષા કરવામાં આવશે.

(૮) GETCO ના હયાત સબ સ્ટેશનોની નજીક ઉપલબ્ધ જમીનો પર SEC/MNRE કે અન્ય સરકારી એજન્સીએ નિયત કરેલ નોર્મ્સ મુજબ સોલાર પ્રોજેક્ટ સ્થાપવાનો રહેશે.

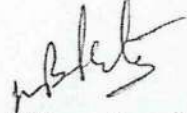
(૯) પ્રોજેક્ટ ડેવલપરની પસંદગી અંગેના માપદંડો, લાયકાતો તથા સબ લીઝના ભાડા કરારની શરતો ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગે નિયત કરવાના રહેશે.

(૧૦) કબજો સોંપતી વેળાએ પ્રોજેક્ટ ડેવલપર, કલેક્ટર અને PSUs (પી.એસ.યુ) વચ્ચે ત્રિપક્ષિય કરાર કરવાના રહેશે. તથા તે સમયે પ્રોજેક્ટ ડેવલપરે, જમીનના ૧ વર્ષના ભાડા જેટલી રકમ અનામત (ડીપોઝીટ) સ્વરૂપે મુકવાની રહેશે તથા ૧% સર્વિસ ચાર્જ અને આવશ્યક સ્ટેમ્પ ડ્યુટી ભરવાની રહેશે. અનામત સ્વરૂપે મુકવામાં આવેલ રકમ ભાડાપટ્ટાની મુદત પૂર્ણ થયા બાદ સરકારે વસુલ લેવાની થતી રકમ વસુલ લીધા બાદ પરત ચુકવવાની રહેશે.



(૧૧) સદરહુ નીતિ અંતર્ગત ૪૦ મે.વો. સુધીના સોલાર પ્રોજેક્ટ સ્થાપવા અંગે ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગ હસ્તકના PSUs (પી.એસ.યુ) જે તે જિલ્લાના સંબંધિત કલેક્ટરશ્રીને જમીન ફાળવવા દરખાસ્ત કરશે. કલેક્ટરશ્રીઓને આ નીતિની જોગવાઈઓ અનુસાર જમીન ફાળવણી કરવાની સત્તા આપવામાં આવે છે.

ગુજરાતના રાજ્યપાલશ્રીના હુકમથી અને તેમના નામે,


(મૌલિક બી. પટેલ)
સેક્શન અધિકારી
મહેસુલ વિભાગ

પ્રતિ,

- માન. રાજ્યપાલશ્રીના સચિવશ્રી, રાજભવન, ગાંધીનગર.
- માન. મુખ્યમંત્રીશ્રીના અગ્ર સચિવશ્રી, સચિવાલય, ગાંધીનગર.
- માન. નાયબ મુખ્યમંત્રીશ્રી (નાણાં)ના અંગત સચિવશ્રી, સચિવાલય, ગાંધીનગર.
- માન. મંત્રીશ્રી(મહેસુલ)ના અંગત સચિવશ્રી, સચિવાલય, ગાંધીનગર.
- માન. મંત્રીશ્રી(ઉર્જા)ના અંગત સચિવશ્રી, સચિવાલય, ગાંધીનગર.
- માન. રા.ક. મંત્રીશ્રી(ઉર્જા)ના અંગત સચિવશ્રી, સચિવાલય, ગાંધીનગર.
- અધિક મુખ્ય સચિવશ્રી, નાણાં
- વિભાગના રહસ્ય સચિવશ્રી, સચિવાલય, ગાંધીનગર.
- અગ્ર સચિવશ્રી, ઊર્જા અને પેટ્રોકેમિકલ્સ વિભાગના રહસ્ય સચિવશ્રી, સચિવાલય, ગાંધીનગર.
- કમિશ્નરશ્રી, જમીન સુધારણા અને સચિવશ્રીના રહસ્ય સચિવશ્રી, મહેસુલ વિભાગ, સચિવાલય, ગાંધીનગર.
- મહેસુલ તપાસણી કમિશ્નરશ્રીના રહસ્ય સચિવશ્રી, સચિવાલય, ગાંધીનગર.
- સર્વે કલેક્ટરશ્રી,
- નાણા સલાહકારશ્રી(મહેસુલ), નાણાં વિભાગ, સચિવાલય, ગાંધીનગર.
- સર્વે સંયુક્ત સચિવશ્રી/નાયબ સચિવશ્રી/ ઉપ સચિવશ્રી, મહેસુલ વિભાગ, સચિવાલય, ગાંધીનગર.
- અ.૧,અ, ગ, ક તથા લ-શાખા મહેસુલ વિભાગ, સચિવાલય, ગાંધીનગર.
- નાયબ સેક્શન અધિકારી સિલેક્ટ ફાઇલ
- શાખા સિલેક્ટ ફાઇલ

સને ૨૦૧૯-૨૦ના વર્ષમાં "ગુજરાત સ્ટેટ ઈલેક્ટ્રીસિટી કોર્પોરેશન લિ.(GSECL)", વડોદરાને રાજ્યમાં GETCO ના સબ સ્ટેશનોની નણક આપતી સરકારી પડતર ખરાબાની જમીન પર સોલાર પીવી પ્રોજેક્ટ સ્થાપવા માટે શેર મૂડી સહાયકી" હેઠળ નવી બાબત તરીકે રૂ.૫૦૦/- કરોડ (અંકે રૂપિયા પાંચસો કરોડ પૂરા)ની બેગવાઈની વહીવટી મંજૂરી બાબત. (૪૮૧૦-૦૦-૧૦૧-૦૧)

ગુજરાત સરકાર
ઉર્જા અને પેટ્રોકેમિકલ્સ વિભાગ
ઠરાવ ક્રમાંક : SLR/11/2019/675/B1
સચિવાલય, ગાંધીનગર
તારીખ: ૧૬/૦૮/૨૦૧૯

પ્રસ્તાવના:

ભારત સરકાર દ્વારા અશ્મિભૂત ઈંધણ(Fossil Fuel)નો ઉપયોગ ઘટાડી રીન્યુએબલ ઈર્ષને મહત્તમ પ્રોત્સાહન મળે અને પર્યાવરણની જાળવણી માટે વર્ષ ૨૦૨૨ સુધીમાં ૧૭૫ ગીગાવોટ ઈર્ષ વિવિધ રીન્યુએબલ એકમોમાંથી ઉત્પન્ન કરવાના ઉદ્દેશથી રાજ્ય સરકારને મળેલ લક્ષ્યાંકને હાંસલ કરવા તેમજ રાજ્યના દરેક ગામે ગામ પુરતા પ્રમાણમાં વીજળી મળી રહે તે હેતુથી ગુજરાત એનર્જી ટ્રાન્સમિશન કોર્પોરેશન લિ.(GETCO)ના સબ સ્ટેશનોની નણકની સરકારી પડતર ખરાબાની જમીન પર સોલાર પીવી પ્રોજેક્ટ સ્થાપિત કરી પ્રવહન (ટ્રાન્સમિશન) માટેનો ખર્ચ ઘટાડી રાજ્યના વીજ ગ્રાહકોને હાયદો મળી રહે તે માટે સોલાર પ્રોજેક્ટોની સ્થાપના કરવાની યોજના બંધર કરવામાં આવી છે. આ અંગે સોલાર પીવી પ્રોજેક્ટ સ્થાપવા માટે રૂ.૧/-ના ટોકનદરે વિભાગને જમીન ભાડાપટ્ટાથી હાળવવા અંગેની નીતિ મહેસૂલ વિભાગ દ્વારા તા.૦૭/૦૩/૨૦૧૯ના રોજ બહાર પાડેલ છે.

GSECL દ્વારા આગામી વર્ષોમાં આશરે ૨૫૦૦ મેગાવોટની સૌર ક્ષમતા વિકસાવવાનું આયોજન છે. જેમાં પ્રતિ મેગાવોટ રૂ.૪ કરોડ ખર્ચ અંદાજિત છે. જે ખર્ચ માટે ૫૦ % રકમ સરકારશ્રીની ગ્રાન્ટમાંથી તેમજ ૫૦ % રકમ GSECL દ્વારા લોન મારફત મેળવવાની રહેશે. જેના અનુસંધાને સરકારશ્રી દ્વારા નાણાકીય વર્ષ ૨૦૧૯-૨૦ દરમ્યાન આ અંગેની કામગીરી કરવા માટે અંદાજપત્રમાં નવી બાબત તરીકે ગુજરાત સ્ટેટ ઈલેક્ટ્રીસિટી કોર્પોરેશન લિ. (GSECL)ને ૨૫૦ મેગાવોટના સોલાર પીવી પ્રોજેક્ટ સ્થાપવા માટે રૂપિયા ૫૦૦/- કરોડ (પાંચસો કરોડ પૂરા)ની બેગવાઈ કરવામાં આવી છે. જેનો અંદાજપત્ર પ્રકાશન-૫ ના પાના-૩૪ પર સમાવેશ કરવામાં આવેલ છે.

ઠરાવ :-

આથી રાજ્ય સરકાર દ્વારા પુખ્ત વિચારણા ને અંતે "GETCO ના સબ સ્ટેશનની નણક આપતી સરકારી પડતર ખરાબાની જમીન પર સોલાર પી.વી. પ્રોજેક્ટ સ્થાપી સરતા દરે સૌર ઈર્ષ ઉત્પાદન કરવાની યોજના" માટે ગુજરાત સ્ટેટ ઈલેક્ટ્રીસિટી કોર્પોરેશન લિ. (GSECL)ને સહાયકી હેઠળ રૂ. ૫૦૦/- કરોડ (અંકે રૂપિયા પાંચસો કરોડ પૂરા)નો ખર્ચ કરવાની વહીવટી મંજૂરી નીચેની શરતોએ આપવામાં આવે છે.


- (૧) આ મંજૂરી અન્વયે કરવાનો થતો ખર્ચ, જે તે વર્ષની અંદાજપત્રીય બેગવાઈને આધીન અને નાણા વિભાગ દ્વારા વખતો-વખત હાળવવામાં આવતી ગ્રાન્ટની મર્યાદામાં ખર્ચ કરવાનો રહેશે.
- (૨) પ્રસ્તુત દરખાસ્ત સંદર્ભે, પ્રવર્તમાન નિયમોને આધીન ચાલુ તથા આગામી નાણાંકીય વર્ષમાં પર્યાપ્ત અંદાજપત્રીય બેગવાઈ કરાવી લેવાની રહેશે.
- (૩) આ અંગેનો ખર્ચ રાજ્ય સરકારના સ્થાયી તેમજ વખતો-વખત લાગુ પડતા ઠરાવો/પરિપત્રો અને નિયમોની બેગવાઈઓ મુજબ નિયત પદ્ધતિથી કરવાનો રહેશે.
- (૪) આ મંજૂરી અન્વયે કરવાના થતા ખર્ચ અંગે નાણાંકીય ઔચિત્યના સિદ્ધાંતોનું પાલન કરવાનું રહેશે.
- (૫) પ્રસ્તુત કામે, ટેન્ડર પ્રોસેસીંગ બાબતમાં ઉદ્યોગ અને ખાણ વિભાગના ઠરાવ ક્રમાંક.એસપીઓ-૧૦૨૦૦૫-૧૪૦૭-ચ.તા.૨૨/૧૧/૨૦૦૬ અને તા.૦૮/૦૭/૨૦૧૧ના ઠરાવ ક્રમાંક.એસપીઓ-૧૦૨૦૦૫-૧૪૦૫-ચ અન્વયે "ઇ" ટેન્ડરીંગ બાબતમાં કરવામાં આવેલ બેગવાઈઓની સૂચનાઓનું ચૂરતપણે પાલન કરવાનું રહેશે.
- (૬) આ મંજૂરી અન્વયે જે કોઇપણ વસ્તુની ખરીદી કરવાની હોય, તો તે સરકારશ્રીના પ્રવર્તમાન ધારાધોરણો અને નિયમાનુસાર કરવાની રહેશે. રાજ્ય સરકારની પ્રવર્તમાન ખરીદનીતિ બેગવાઈઓનું ચૂરતપણે પાલન કરવાનું રહેશે.
- (૭) આ મંજૂરી અન્વયે હાળવેલ ગ્રાન્ટનો અન્ય હેતુ માટે ઉપયોગ કરી શકાશે નહીં. બચત રહેતી રકમ વર્ષ આખરે સરન્ડર કરવાની રહેશે.
- (૮) યોજના હેઠળ નિયત કરવામાં આવેલ શરતોનું ચૂરતપણે પાલન કરવાનું રહેશે.
- (૯) નિયમિત સમયે, ખર્ચ-વપરાશના પ્રમાણપત્ર સરકારશ્રીને રજૂ કરવાનાં રહેશે.
- (૧૦) આ યોજના માટે નિયત કરવામાં આવેલ લક્ષ્યાંકો અંદાજપત્રીય બેગવાઈની મર્યાદામાં પૂર્ણ કરવાના રહેશે.
- (૧૧) આઈટી સંબંધિત તમામ બાબતો અંગે સાયબ્સ અને ટેકનોલોજી વિભાગની વખતોવખતની સૂચનાઓનું ચૂરતપણે પાલન કરવાનું રહેશે.
- (૧૨) આ હેતુસર વખતોવખત હાળવવામાં આવતી ગ્રાન્ટ નિગમને રીલીઝ કરતાં પહેલાં નાણાં વિભાગની પૂર્વ મંજૂરી મેળવવાની રહેશે.
- (૧૩) પ્રવર્તમાન યોજનાના નોર્મ્સ અને સહાયની રકમોમાં બે ફેરફાર કરવાનો થતો હોય તો તે અંગે રાજ્ય સરકારના આદેશો મેળવી લેવાના રહેશે.

(૫૪) આ અંગેનો ખર્ચ ચાલુ નાણાકીય વર્ષે ૨૦૧૯-૨૦ ના અંદાજપત્રમાં નીચેના સદર ઉધારવાનો રહેશે.

માંગણી નંબર	:	૧૩
મુખ્ય સદર	:	૪૮૧૦-નવીનીકરણ ઉર્જા અંગે મૂડી ખર્ચ બેગવાઈ
પેટા મુખ્ય સદર	:	૦૦
ગૌણ સદર	:	૧૦૧- નવી અને નવીનીકરણ ઉર્જા કાર્યક્રમ-એપ્લિકેશન
પેટા સદર	:	(૦૧)-GETCOના સબ સ્ટેશનોની નજીક આવતી સરકારી પડતર ખરાબાની જમીન પર સોલાર પીવી પ્રોજેક્ટ સ્થાપવા માટે શેર મૂડી સહાયકી
હેડ ચાર્જેબલ	:	૪૮૧૦ ૦૦ ૧૦૧ ૦૧
વિગતવાર સદર	:	૦૦
હેતુ સદર	:	૫૪૦૦-મૂડી રોકાણ

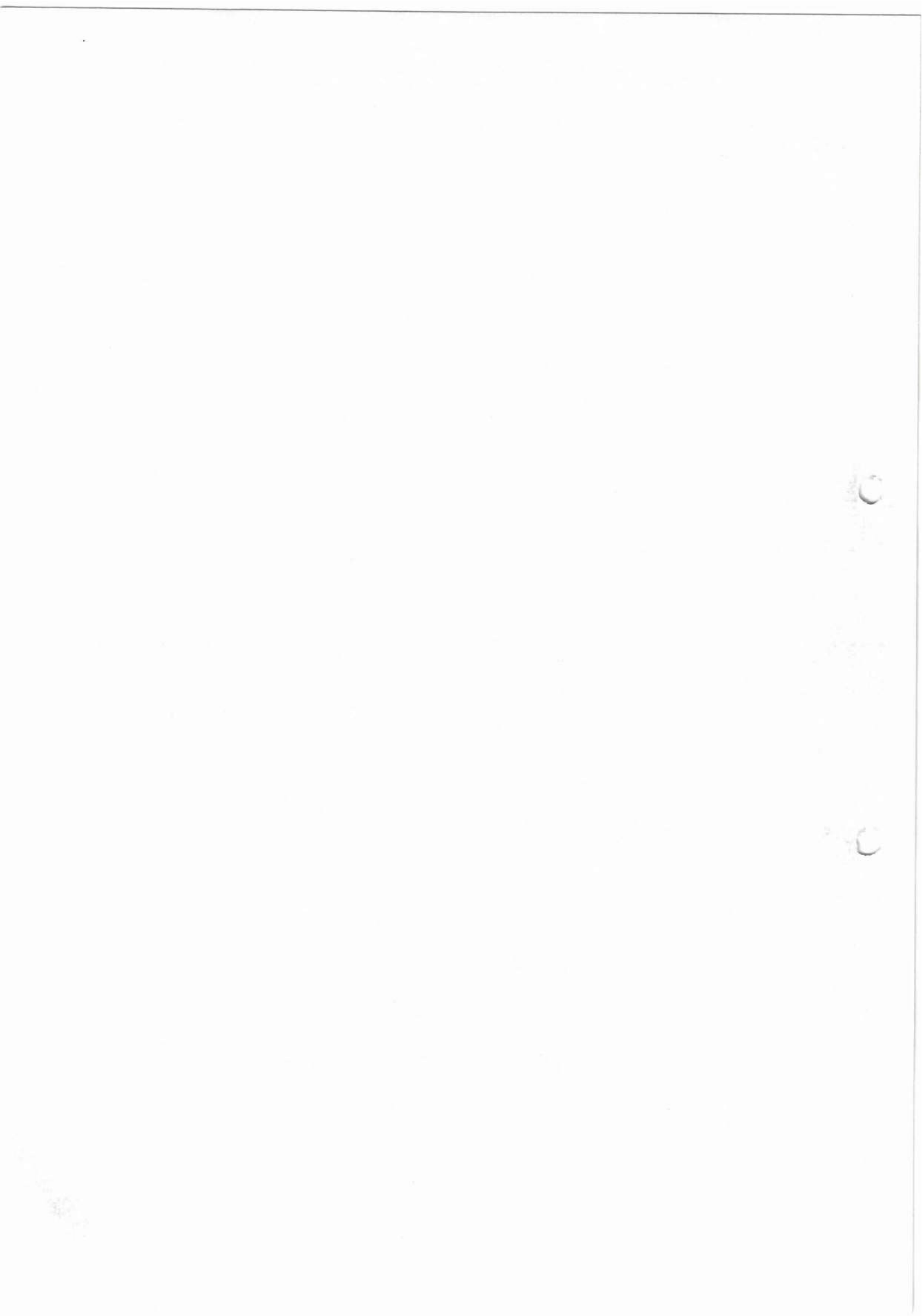
આ હરાવ આ વિભાગની સમાન ક્રમાંકની હાઇલ ઉપર નાણા વિભાગની તા: ૦૭/૦૮/૨૦૧૯ની નોંધથી આપેલ અનુમતિ અન્વયે બહાર પાડવામાં આવે છે.

ગુજરાતના રાજ્યપાલશ્રી ના હુકમથી અને તેમના નામે,


(મંત્રી પદે)
સચુક્ત સચિવ
ઉર્જા અને પેટ્રોકેમિકલ્સ વિભાગ

પ્રતિ,

૧. એકાઉન્ટન્ટ જનરલશ્રી, અમદાવાદ/રાજકોટ.
૨. જનરલ મેનેજરશ્રી(નાણા અને હિસાબો), ગુજરાત સ્ટેટ ઇલેક્ટ્રીસિટી કોર્પોરેશન લિ. (GSECL), વડોદરા.
૩. ડ્રેવિંગ ટિબેરી અધિકારીશ્રી, વડોદરા
૪. નાણા સલાહકારશ્રી(ઉર્જા), સચિવાલય, ગાંધીનગર.
૫. ઉપ સચિવશ્રી(બજેટ.૨), નાણા વિભાગ, સચિવાલય, ગાંધીનગર.
૬. મુખ્ય વિદ્યુત નિરીક્ષકશ્રી અને શુલ્ક સમાહર્તાશ્રી, ઉદ્યોગભવન, ગાંધીનગર.
૭. નાયબ મુખ્ય વિદ્યુત નિરીક્ષકશ્રી, વડોદરા.
૮. સેક્શન અધિકારીશ્રી, "ખ" શાખા, ઉર્જા અને પેટ્રોકેમિકલ્સ વિભાગ, સચિવાલય, ગાંધીનગર.
૯. પસંદગી હાઇલ-૨૦૧૯.





GUJARAT STATE ELECTRICITY CORPORATION LIMITED

Vidyut Bhavan, Race Course, Vadodara, India - 390007. Ph. 91-265-6612010/11, Fax: 91-265-2314019
 e-mail: cs.gsecl@gmail.com Website: www.gsecl.in
 CIN : U40100GJ1993SGCO1998G

EXTRACT OF THE HUNDRED AND SIXTY THIRD MEETING OF THE BOARD OF DIRECTORS OF GUJARAT STATE ELECTRICITY CORPORATION LIMITED HELD ON THURSDAY, THE 11TH JULY, 2019 AT 11:30 A. M. AT CONFERENCE ROOM, BLOCK NO 5/5, E & P DEPTT. GANDHINAGAR AND IT WAS CONCLUDED AT 2.00 P. M.

163.16.5288.TO CONSIDER ACCORDING AN APPROVAL FOR DEVELOPMENT OF 2500MW GRID CONNECTED SOLAR PV PROJECTS AROUND EXISTING SUBSTATION OF GETCO BY ACQUIRING GOVERNMENT WASTELAND OF ABOUT 5038 HA IN THE STATE OF GUJARAT AND TO INVITE EPC BID IN PHASE MANNER & SIGNING OF PPA WITH GUVNL.

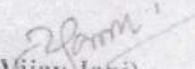
“RESOLVED THAT the approval be and is hereby accorded for:

- (1) Development of 2500 MW grid connected Solar PV projects around existing substation of GETCO by acquiring Government Wasteland of about 5038 Ha in the vicinity of GETCO s/s in the state of Gujarat.
- (2) Invitation of Bid for EPC contract up to 2500 MW Grid Connected Solar PV project in phase manner for “*Design, engineering, supply & procurement, construction, erection, testing, commissioning, operation & maintenance of Grid Connected Solar PV project*” at various locations around existing sub-stations of GETCO in the state of Gujarat and finalize the EPC Contractor through reverse auction process.
- (3) Signing of PPA with GUVNL on cost plus mechanism.

“RESOLVED FURTHER THAT Managing Director/ Executive Director (Gen.) / CE (P&P) of the Company be and are hereby authorised taking further necessary action of finalizing tender terms & conditions, opening of price bid, e-reverse auction and finalizing of successful bidder for EPC contract and Executive Director (Gen) / G.M. (F&A) / C.E. (P &P) of the Company be and are hereby authorised to sign PPA with GUVNL for the said projects”.

CERTIFIED TRUE COPY
 For GUJARAT STATE ELECTRICITY CORPN. LTD.

Place: Vadodara
 Date: 01/08/2019


 (Vijay Jani)
 Company Secretary

GUJARAT URJA VIKAS NIGAM LIMITED

Sardar Patel Vidyut Bhavan, Second Floor, Commerce Deptt, Race Course, Vadodara - 350007
Phone (0265) 2340289(Direct) Fax (0265) 2344543, 2337918, 2338164
PBX (0265) 2310582-86 (Ext) 3221, Web gseb.com
Corporate Identity No. CIN U40109GJ2004SGC045195

Ref. No. GM / IPP / 401

Date : 20-06-2020

To,
Shri Y.D. Brahmhatt
Chief Engineer (P&P)
Gujarat State Electricity Corporation Ltd
Vidhyut Bhavan, Race Course,
Vadodara - 390 007

Fax No.: 0265 2341588

Sub: "In Principle" approval for procurement of power from 2500 MW Solar Capacity to be developed by GSECL on Government Wastelands in the vicinity of existing Sub-stations of GETCO.

Sir,

This has reference to Government of Gujarat, Revenue Department's GR dated 07.03.2019 notifying the scheme for allotment of Government Waste Land for development of Solar Projects and Energy & Petrochemicals Dept's GR dated 16.08.2019 resolving that GSECL shall develop 2500 MW Solar Capacity in the above scheme in coming years at estimated project cost of Rs 4 Crs / MW out of which 50% amount will be extended by State Government as capital subsidy to GSECL. Further, vide letter dated 21.11.2019, GSECL has sought GUVNL's "In-Principle" approval for executing PPAs for procurement of power under the above scheme.

In this regard, GUVNL hereby grants "In-Principle" approval to sign PPAs with GSECL for purchase of power from upto 2500 MW Solar Capacity to be developed on Government Wasteland in the vicinity of GETCO's sub-stations through competitive bidding process under the above referred GR's of State Government, subject to approval of GERC and subject to approval of capital grant by State Government to GSECL.

Thanking You.

Yours faithfully,

(Sailaja Vachhrajani)
General Manager (IPP)

Handwritten notes:
✓ TO
SECRET
FOR M.A.
22/6

Handwritten note:
23/06

Handwritten notes:
Smt. VBS
11 wife on d/c
with CE (P&P) on 21/6/20

Handwritten notes:
To UBS
23/6/20
23/6/20

GUJARAT STATE ELECTRICITY CORPORATION LIMITED

Vidyut Bhavan, Race Course, Vadodara, India - 390007. Ph. 91-265-6612133, Fax: 91-265-2341588
e-mail: ccnp.gsecl@gebmail.com Website: www.gsecl.in
CIN: U40100GJ1993SGC019988

GSECL/ PP/RE-Cell /210 MW Solar/Babarzar/449

Date: 06.04.2021

By RPAD

E -mail: sjn@Intec.com

To
Larsen & Toubro Limited,
L&T Construction,
Power Transmission & Distribution IC,
Mount Poonamalle Road, Manapakkam,
P.B.No.: 979,
Chennai - 600089.

Sub:- Detail Supply order for "Design, Engineering, Supply & Procurement of 210 MW Grid connected solar PV power project at Babarzar, District Jamnagar, Gujarat". -For Supply Part

Ref:- (1) Tender No.GSECL/ PP/ RE / 210 MW Solar PV Dtd. 19.12.2020
(2) L&T letter No. No. : LNT/SOLAR/GSECL/210MW/GUJ/2021/03 Dtd. 10.02.2021
(3) LOI No. GSECL/ PP/RE-Cell/210MW/Babarzar/ 178 Dtd. 11.02.2021
(4) L&T letter NO.LNT/SOLAR/GSECL/210MW/GUJ/2021/LoA/01 Dtd.13.02.2021.
(5) NTP GSECL/PP/RE-Cell/210MW/Babarzar/NTP/288 Dtd.06.03.2021.
(6) L&T email for acknowledgment of NTP Dtd.12.03.2021

Dear Sir,

With reference to GSECL tender, your techno commercial offer, subsequent correspondences & discussions, Letter of Intent referred at ref (3) and M/s Larsen & Toubro Limited (M/s L&T) acceptance thereof and NTP referred at (4) & (5) , Gujarat State Electricity Corporation Limited (GSECL) is pleased to award this "Detail Supply order for "Design, Engineering, Supply & Procurement of 210 MW Grid connected solar PV power project at Babarzar, District Jamnagar, Gujarat" (including unloading & storage of all materials supplied at site) at a total price of Rs 796,64,08,681/- (inclusive of Safeguard duty and all taxes and Duties) (Rupees Seven Hundred Ninety Six Crore Sixty Four Lacs Eight Thousand Six Hundred Eighty One Only) for 210 MW Grid connected solar PV power project at Babarzar The rates are inclusive of freight, transportation and all duties and taxes.

M/s L&T shall provide guarantee and be entirely responsible for the execution of the Contract in accordance with the specification, schedules, and annexures of Tender.

M/s Larsen & Toubro Limited shall provide guarantee and be responsible for the quality and workmanship of all materials for correct designs and drawings, and correct delivery of material F.O.R site at Babarzar. Any item though specifically not mentioned in this order / specification but needed to complete equipment & systems within the scope of work of Design, Engineering, Supply & Procurement, Construction, Erection, Testing, Commissioning and Operation and Maintenance of 210 MW Grid connected solar PV power project at Babarzar to meet the objective of the specification shall also be in your scope.

1.0 GENERAL:

- 1.1 The General terms and conditions as well as the Special Terms and Conditions of the tenders are complimentary to each other and wherever there is a conflict, the special terms and conditions shall prevail.
- 1.2 M/s Larsen & Toubro Limited will also be deemed to be fully aware of the GSECL's "General Terms and Conditions and special terms and conditions of Tender documents "which forms part of this Order and any ignorance of the conditions will not exempt M/s Larsen & Toubro Limited from the liabilities to abide by the same.
- 1.3 M/s Larsen & Toubro Limited shall take necessary and adequate safety measures including issue and use of personal protective equipment and precautions during loading/unloading of material at site to avoid any accident, which may cause damage to any equipment/material or injury to workmen. GSECL shall not be responsible for any such accidents.

2.0 SCOPE OF SUPPLY:

- 2.1 It is not the intent to list out complete scope of supply hereunder. However, the broad scope of supply shall include but not limited to the following.
- 2.2 The scope shall cover design, engineering, manufacture/procure, supply, Inspection and testing at manufacturer's works, Packing & Forwarding, transit insurance and delivery F.O.R. Babarzar Site including, transportation of complete 210 MW Solar Photovoltaic(PV) Grid-Connected Power Plant inclusive of essential & startup commissioning spares, maintenance tools & tackles, consumables, freight and all taxes and duties etc. in accordance with Terms & conditions and specifications of Tender and General Terms and Conditions & special terms and condition of GSECL as per the Tender and General Terms and Conditions of GSECL applicable to project.
- 2.3 Photovoltaic Solar Power Plant to be supplied shall comply with all the specifications of Tender No. GSECL/ PP/ RE / 210 MW Solar PV dtd. 19.12.2020 and subsequent clarifications or amendments issued from time to time.

- 2.4 The plant and equipment shall also conform to the International/Indian standards IS/IEC etc. M/s L&T shall be responsible for providing all material, equipment, consumable, spares, tools & tackles, specified or otherwise which are required to meet the intent of this project, ensuring high degree of reliability and ease of operation and maintenance. The equipment and system/sub-systems shall conform to all aspects of high standards of engineering, design and workmanship and shall be capable of performing in continuous commercial operation, in a manner acceptable to GSECL and shall also be in line with the current practice for reliable and efficient functioning of the plant.

3.0. PRICE:

- 3.1 The total firm price for the complete scope of supplies etc. as per clause No. 2 shall be as per schedule of prices and total amount not exceeding of Rs. 796,64,08,681/- (inclusive of Safeguard duty and all taxes and Duties) (Rupees seven Hundred Ninety Six Crore Sixty Four Lacs Eight Thousand Six Hundred Eighty One Only) Prices offered are firm till execution and completion of complete contract irrespective of completion period stipulated herein.
- 3.2 Prices are inclusive of packing, forwarding, freight, transit insurance.
- 3.3 The Prices are subject to statutory variations (against documentary evidence).
- 3.4 Variation on account of exchange rate will not be payable. No statutory variation shall be payable by GSECL on the input items. i.e. raw materials etc.

4.0 INTER-CHANGEABILITY:

All the parts shall be made accurately to standard gauges and specifications so as to facilitate replacement and repairs. All corresponding parts of similar apparatus shall be inter-changeable.

5.0 TAXES AND DUTIES:

- 5.1 All applicable taxes, duties, levies as applicable shall be paid on production of documentary evidences.
- 5.2 Statutory Variation: Statutory variations in the tax shall be permitted as under:

(A) Statutory variations during original contractual completion period :

- (i) If any increase takes place in taxes and duties due to statutory variation (including safeguard Duty for PV modules only), then GSECL shall admit the same on production of documentary evidences.

- (ii) If any decrease takes place in taxes and duties due to statutory variation (including safeguard Duty for PV modules only), the same shall be passed on to GSECL or GSECL shall admit the decreased rate of taxes and duties while making the payment.
- (iii) In case of imposition / continuation of safeguard duty on PV Module post 29.07.2021 then GSECL shall admit the same on production of documentary evidence considering the base rate as on the bid submission date.

(B) Statutory variations beyond original contractual completion period :

- (i) If reasons for extension of contractual completion period is attributable solely to GSECL, the provisions of (A) (i) above shall apply.
- (ii) If any decrease takes place in taxes and duties due to statutory variation, the same shall be passed on to GSECL or GSECL shall admit the decreased rate of taxes and duties while making the payment.

6.0 TERMS OF PAYMENT:

- 6.1 The Company shall pay the M/s L&T in the following manner for supply of material and at the following time for achieving the respective milestones for the Supply.

Sr. No	Payment Milestones for Supply	
1.	Advance Payment (5% of Supply Price excluding taxes & duties) against : (i) Acceptance of Lol. (ii) Submission of Advance Bank Guarantee of equivalent amount. (iii) Submission of Performance Bank. Guarantee (validity as per clause no 3.11.6 (1) of tender) -10% of the total EPC Contract Price. Interest free Advance shall be given.	5% of Supply Price (Excluding Taxes and duties.)
2.	Completion of Erection of MMS Column Post including civil Foundation of each 5MWp (AC) on pro-rata basis.	10% of Supply Price
3.	Supply and receipt of PV modules at site on pro-rata basis for each 5MWp PV module consignment.	40% of Supply Price
4.	Erection of PV Modules on prorata basis, for each 5 MW (AC) pro-rata basis.	10% of Supply Price
5.	Supply of BOS on each 5 MW (AC) Block on Pro rata basis.	10% of Supply Price
6.	Completion of Erection & installation of each 5MW (AC) block.	10% of Supply Price
7.	Upon Completion of Successful Performance and Operational Acceptance Test.	10% of Supply Price
8.	Upon Completion of the Facilities of the project.	5% of Supply Price

Notes:-

1. EPC Contract Price of Supply means the Supply part of the EPC Contract Price.
 2. Bank Guarantee against mobilization & supply Advance shall be submitted for initial Validity of 18 (Eighteen) months and shall be extended till adjustment of the entire amount.
 3. Supply advance shall be adjusted from subsequent bills on pro rata basis.
 4. The M/s L&T shall submit all the invoices related Project to, The Chief Engineer (Generation), Sikka TPS, with copy to Chief Engineer (P&P), Corporate Office, GSECL, Vadodara. All material shall be consigned to Chief Engineer (Generation), Sikka TPS.
- 6.2 While making payment for each invoice, amount of GST and applicable cess will be kept under retention till submission of documentary proof of payment of GST or till reflection of payment of GST pertains to respective bill amounts in GST return for concern invoice after due verification.
- 6.3 TCS applicable @ 0.075 % up to 31st March-2021 and thereafter 0.1 % will be applicable as per the govt. notification on the total order value of supply including GST.
- 6.4 Subject to any deduction which the Company may be authorized to make under this Contract, and or to any additions or deductions provided for in this Contract, the M/s L & T shall be entitled to payment as follows:
- a) All payments shall be made in Indian Rupees, unless otherwise specified in the Lol/Contract Agreement. All payment shall be made on the basis of actual measurement for the quantified items as per schedule of works.
 - b) The M/s L&T shall submit the bill / invoice for the work executed showing separately GST and any other statutory levies in the bill / invoice.
 - c) All taxes and deductions shall be applicable as per prevailing income tax and other statutory rules and provisions in force.
 - d) Payment shall be released by GSECL CO, through RTGS/NEFT.

7.0 INSURANCE:

- 7.1 During the construction period, i.e. before the Commissioning of the Project, all insurance related expenses shall be borne by the M/s L&T. The goods

supplied under the Contract shall be fully insured against the loss or damage incidental to manufacture or acquisition, transportation, storage, delivery, theft, natural or other disaster, etc. in such a manner that the Company shall not incur any financial loss, as long as the construction of the Project continues to remain under the custody of the M/s L&T.

- 7.2 In case of any loss or damage or pilferage or theft or fire accident or combination of the said incidents etc. under the coverage of insurance, the M/s L&T shall lodge the claim as per rules of insurance. Any FIR required to be lodged to local Police Station shall be the responsibility of the M/s L&T.
- 7.3 The M/s L&T shall arrange to supply/ rectify/ recover the materials even if the claim is unsettled for timely completion of the Project. The final financial settlement with the insurance company shall be rested upon the M/s L&T.
- 7.4 In case of any delay of the Project attributable to the M/s L&T, M/s L&T himself in consultation with the Company should take the extension of insurance. Any financial implications shall, however, be borne by the M/s L&T.
- 7.5 The M/s L&T shall arrange for providing insurance coverage to its workmen under Workmen's Compensation Act or similar Rules and Acts as applicable during execution of work for covering risk against any mishap to its workmen. The M/s L&T shall also undertake a Third Party Insurance. The Company shall not be responsible for any such loss or mishap.
- 7.6 Comprehensive insurance is to be arranged by M/s L&T during the O&M period of the Contract.
- 7.7 At the end of the term of insurance undertaken by M/s L&T, M/s L&T shall provide all the necessary documents to the satisfaction of the Company in order to enable the Company to take up the insurance of the Plant.

8.0 SECURITY DEPOSIT CUM PERFORMANCE GUARANTEE:

- 8.1 You have submitted Security Deposit cum Performance BG No.0999521BG0000384 dtd.20.02.2021 amounting Rs.88,71,24,353=00 (Rs Eighty Eight Crores Seventy One Lakh Twenty Four Thousand Three Hundred Fifty Three only) which is valid till 18.12.2023 with 12 months claim period i.e. till 18.12.2024.
- 8.2 In case of delay in demonstration of the PG test, the SD/PBG will have to be Extended up to 3 months beyond the due date for completion of PG test and shall continue till next one (1) year.

8.2 SD/PBG shall be returned only after successful Performance Guarantee Test/ Final Acceptance Test.

9.0 COMPLETION PERIOD:

9.1 The Zero Date is 06.03.2021 i.e date of NTP.

9.2 The time of completion and Commissioning of the Plant is 18 months from date of NTP (Notice to proceed) i.e. 18 months from 06.03.2021. Hence, completion date shall be 05.09.2022.

10.0 DEGRADATION OF SOLAR MODULES:

10.1 M/s L&T should warranty for the output of each Solar Module(s) for at least 90% of its actual rated capacity at Standard Testing Condition after initial 10 years and 80% of its rated capacity after 25 years upon commissioning of the Plant.

10.2 The derating of module should not be more than 1% in any year except for the first Year of operation.

For the first year of operation derating of module is limited as under:

- (a) For Poly Crystalline up to 2.5%
- (b) For Mono up to 3%

10.3 If, Module(s) fail(s) to exhibit such power output, the M/s L&T will either:

a. Deliver additional PV Module(s) to replace the loss of power output with no change in area of land used;

<OR>

b. Repair or replace the existing PV Module(s) with no change in area of land used;

<OR>

c. Compensate GSECL with an amount equivalent to the loss of revenue from the date of audit to 25th years which shall be calculated based on Net Present Value of amount of loss of revenues from the date of audit to 25th years discounted at the rate of GSECL's cost of capital.

10.4 The Company will specifically do the audit of solar PV module by third-party at any point of the operation period and in case M/s L&T fails to demonstrate the value as per the maximum deration allowed then, M/s L&T shall compensate as per the Clause no.10.3.

11.0 GUARANTEE/WARRANTY & PERFORMANCE PERIOD.

- 11.1 The Plant shall perform as per the Guaranteed Performance indicated by the M/s L&T in its Financial Proposal.
- 11.2 PV modules used in grid connected solar power plants must be warranted for peak output power at Standard Testing Condition (STC), which shall not be less than 90% at the end of ten (10) years and not less than 80% at the end of twenty five (25) years. The first year degradation shall not be more than:
- (a) 2.5% for Poly crystalline
 - (b) 3% for Mono of the PV Module capacity and in subsequent years it shall not be more than 1% per annum.
- 11.3 The mechanical structures, electrical works, all plant equipment and components and overall workmanship of the grid solar power plants shall be warranted for a minimum of 5 years.
- 11.4 M/s L&T shall ensure that the goods supplied under the Contract are new, unused and of most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.
- 11.5 The warranty / guarantee period shall be as follows:
- a. Solar PV Modules: Modules shall be warranted for a minimum period of 25 years in the party's detailed Warranty/ Guarantee certificate.
 - b. Inverters: Inverters shall be warranted for the guarantee period provided by the original equipment manufacturer.
 - c. Transformers, associated switchgear and others: M/s L&T shall furnish in detail its warranties/ guarantees for these items.
- 11.6 During the period of Warranty/ Guarantee the M/s L&T shall remain liable to replace/ repair any defective parts, that becomes defective in the Plant, of its own manufacture or that of its Subcontractor, under the conditions provided for by the Contract under and arising solely from faulty design, materials or workmanship, provided such defective parts are not repairable at Site. After replacement the defective parts shall be returned to the M/s L&T works at the expense of the M/s L&T unless otherwise arranged.
- 11.7 At the end of Guarantee period, the M/s L&T liability shall cease. In respect of goods not covered above, GSECL shall be entitled to the benefit of such

Guarantee given to the M/s L & T by the original M/s L & T or manufacturer of such goods.

- 11.8 During the Operation and Maintenance and Guarantee period, the M/s L&T shall be responsible for any defects in the work due to faulty workmanship or due to use of sub-standard materials in the work. Any defects in the work during the guarantee period shall therefore, be rectified by the M/s L&T without any extra cost to GSECL within a reasonable time as may be considered from the date of receipt of such intimation from GSECL failing which GSECL shall take up rectification work at the risk and cost of the M/s L&T.

11.9. Material Warranty:

The manufacturer should warrant the Solar Module(s) to be free from the defects and/or failures specified below for a period not less than ten (10) years from the date of sale to the GSECL

- Defects and/or failures due to manufacturing defects and/or failures due to materials, including PID defect.
- Non-conformity to specifications due to faulty manufacturing and/or inspection processes.
- If the solar Module(s) fails to conform to this warranty, the manufacturer will repair or replace the solar module(s), at GSECL's sole option.

a) Performance Warranty:

The manufacturer should warrant the output of Solar Module(s) If, Module(s) fail(s) to exhibit such power output in prescribed time span, the M/s L&T will either deliver additional PV Module(s) to replace the missing power output with no change in area of land used or repair or replace the PV Module(s) with no change in area of land used at GSECL's sole option. Total land available from GSECL is fixed and the M/s L&T shall design the plant so that in this case he has enough space within this land to accommodate additional capacity.

11.10 Bank Guarantee against PV module warranty or PV module insurance.

A) Bank Guarantee:

Bank Guarantee against PV Modules Warranty: M/s L&T shall provide security in form of Bank Guarantee for an amount as specified in Clause No. 3.11.6 (iii) from the start date of O&M Period.

<OR>

B) Insurance:

M/s L&T shall provide the insurance for PV module power output warranty as per the technical specification backed up through an

insurance policy by a reputed insurance company. This shall cover the PV module power output warranty in case of insolvency or bankruptcy of the PV module manufacturer. M/s L&T shall submit a suitable insurance from Third Party. However, M/s L & T shall provide notarized undertaking for followings.

- (i) M/s L&T liability is till 10 years or O & M period whichever is higher. For remaining project life, M/S L & T shall support GSECL for performance guarantee/warranty claim with insurance company, if any.
- (ii) Failing to which M/s L&T will make all arrangement at their risk and cost to replace or make it good in order to keep Solar PV plant under smooth operation and meeting the obligation of Guarantee/warrantee.
- (iii) In case of any failure of Solar PV Module or any spare part of it under guarantee M/s L&T will be liable to replace it and all relevant expenses shall be borne by them.
- (iv) M/s L&T will indemnify to GSECL for any loss and/or damage from time to time and will undertake all the relevant procedure of insurance claim for guarantee/warrantee at their own with the PV module supplier/ insurer at no cost to GSECL.
- (v) In case of failure to meet performance warrantee of Solar PV modules, M/s L&T will make all arrangement at their risk and cost to replace or make it good in order to keep Solar PV plant under smooth operation and meeting the obligation of warrantee.

12.0 RELEASE OF PAYMENTS:

Payment for a specific milestone shall be released within 30 days after submission of complete invoices along with all supporting documents.

13.1 BAR CHART/PERT CHART AND PROGRESS REPORT:

The M/s L&T shall provide full program of the supply in detail and delivery schedule along with work schedule thereto. Strict adherence and guaranteed delivery schedule mentioned in terms and conditions shall be the essence of the Contract and delivery schedule must be maintained.

14.0 APPROVAL OF DESIGNS/DRAWINGS:

The following procedure has to be followed for assessment and approval of designs, specifications and drawings during the course of the project:

- 14.1 M/s L&T shall submit to the Company/Consultant the documents in hard copy and soft copy to both with proper reference and drawing numbers. The respective documents for selection, supply, installation, erection, commissioning of equipment/ structures have to be submitted at least 15 days in advance to the planned start of the activity as per project schedule. M/s L&T shall submit documents as required for this project according to design and specifications. The Company / Consultant (on behalf of the Company) will assess and approve the documents within 10 days of submission of documents and only after the approval, M/s L&T shall release the documents on site for execution. The documents shall be revised by M/s L&T as per instructions /comments given by the Company / Consultant (on behalf of the Company) if required, prior to execution. Subsequent revisions and the final version of the documents shall also be submitted in hard and soft copy to the Company and the Consultant. M/s L&T has to take into account the above mentioned process of revisions (if required) and adjust the preparation and delivery of the documents such that the overall planned project schedule is not affected.
- 14.2 M/s L&T has to submit all drawings, which are related to plant for approval and M/s L&T shall not claim any drawing as their intellectual property. Drawing which is developed for project will be the intellectual property of GSECL.
- 14.3 The M/s L&T shall submit a comprehensive project management schedule in the form of a Gantt chart CPM/PERT chart and shall be liable for abiding by the schedule.
- 14.4 The M/s L&T shall submit a comprehensive maintenance schedule for operation and maintenance of the photovoltaic power plant along with checklists before commencement of work on site and shall be liable for abiding by the schedule. All construction, operation and maintenance procedures shall be carried out through appropriate relevant standards, regulations and labour laws.
- 15.0 **INSPECTION & TESTING:**
- 15.1 The GSECL or its authorized representative including appointed Consultant for the project shall have, at all times, access to the M/s L&T premises and also shall have the power to inspect and examine the materials and workmanship of project work during its manufacture, shop assembly and testing. If part of the plant is required to be manufactured in the premises other than the M/s L&T the necessary permission for inspection shall be obtained by M/s L&T on behalf of GSECL or its duly authorized representative.
- 15.2 GSECL shall have the right to serve notice in writing to M/s L&T on any grounds of objections, which he may have in respect of the work. The M/s L&T

has to satisfy the objection, otherwise, the Company at his liberty may reject all or any component of plant or workmanship connected with such work.

- 15.3 M/s L&T shall issue request letter to GSECL or his authorized representative for testing of any component of the plant, which is ready for testing at least fifteen (15) days in advance from the date of actual date of testing at the premises of M/s L&T or elsewhere. When the inspection and the tests have been satisfactorily completed at M/s L&T works, GSECL shall issue a certificate to that effect. However, the GSECL at its own discretion may waive the inspection and testing in writing under very special circumstances. In such case, M/s L&T may proceed with the tests which shall be deemed to have been made in GSECL's presence, and it shall forthwith forward six (6) sets of duly certified copies of test results and certificates to the GSECL for approval of the Company. M/s L&T, on receipt of written acceptance from GSECL, may dispatch the equipment for erection and installation.
- 15.4 For all tests to be carried out, whether in the premises of the M/s L&T or any Subcontractor or the supplier, M/s L&T, shall provide labour, materials, electricity, fuel, water, stores, apparatus and instruments etc. free of charge as may reasonably be demanded to carry out such tests of the plant in accordance with the Contract. M/s L&T shall provide all facilities to GSECL or its authorized representative to accomplish such testing.
- 15.5 The GSECL or his authorized representative shall have the right to carry out inward inspection of the items on delivery at the Site and if the items have been found to be not in line with the approved specifications, shall have the liberty to reject the same.
- 15.6 If the GSECL desires, testing of any component(s) of the plant be carried out by an independent agency, the inspection fee, if any, shall be paid by the GSECL. However, M/s L&T shall render all necessary help to GSECL whenever required free of charge.
- 15.7 M/s L&T has to provide the necessary testing reports to GSECL as and when required.
- 15.8 Neither waiving of inspection nor acceptance after inspection by GSECL shall, in anyway, absolve M/s L&T of the responsibility of supplying the plant and equipment strictly in accordance with specification and drawings etc.
- 16.0 **DELIVERY OF MATERIAL AND EQUIPMENT:**
- 16.1 M/s L&T shall deliver the equipment of the plant and machineries in accordance with the terms of the Contract at the time(s) to the place(s) and in the manner specified in the Contract. M/s L&T shall comply with instructions

that may be given by the Company from time to time regarding the transit of the plant and material.

- 16.2 Notification of delivery or dispatch in regard to each and every consignment shall be made to the Company immediately after dispatch or delivery from the manufacturing works. M/s L&T shall supply to the consignee Invoice in triplicate and packing account of all stores delivered or dispatched by him.
- 16.3 In case of any occurrence of loss or damage in transit, it shall be the liability of M/s L&T to initiate or pursue the claim with the Insurance company. It should take immediate steps to repair the damaged apparatus or replacement there to.

All the material and documents shall be consigned to:

Chief Engineer (G), GSECL
Sikka TPS, Dist: Jamnagar,
Gujarat.

17.0 PACKING AND MARKING:

- 17.1 M/s L&T shall be responsible for securely protecting and packing the plant and equipment as per prescribed standards in force to withstand the journey and ensuring safety of materials and also arrival of materials at destination in original condition and good for contemplated use. Packing case size and weight shall take into consideration the remoteness of the goods' final destination and absence of heavy material handling facilities at all points in transit.
- 17.2 Packing lists of materials shall be provided in each package to facilitate checking up of the contents at the destination.
- 17.3 In order to import any items, associated with the Project, from abroad or from any other state in India, M/s L&T shall have to arrange any clearance, permission, if required at his own risk, from any Government (Government of State and Government of India) or any Government (Government of State and Government of India) controlled organization for transportation of materials from manufacturing shop to delivery at any site. Necessary certificates if so required shall be issued by GSECL within reasonable time after getting written request from M/s L&T along with the necessary documents substantiating necessity of such approvals. All packing material is the property of GSECL and shall be immediately deposited by M/s L&T to GSECL's Store at Project Site.

18.0 FORCE MAJEURE:

- 18.1 In the event of either party being rendered unable by Force Majeure to perform any obligation required to be performed by them under this Contract, relative obligation of the party affected by such Force Majeure shall be treated as suspended during which the Force Majeure Clause lasts.
- 18.2 The term "Force Majeure" shall have herein mean riots (other than among M/s L&T employee), Civil commotion, War (whether declared or not), invasion, act of foreign enemies hostilities, civil war, rebellion, revolution, insurrection, military coup, damage from aircraft, nuclear fission, embargoes, quarantines, acts of god such as earthquake (above 7.0 magnitude on Richter scales), lightning, unprecedented floods, fires not caused by M/s L&T negligence and other causes which M/s L&T has no control and accepted as such by GSECL whose decision shall be final and binding. Normal rainy season and monsoons are not Force Majeure.
- 18.3 Upon occurrence of such causes and upon its termination, the party alleging that it has been rendered unable as aforesaid, thereby, shall notify the other party in writing by registered notice within 24 (twenty four) hours of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of its claim.
- 18.4 Time for performance of the relative obligation suspended by the Force Majeure shall stand extended by the period for which such clause lasts.
- 18.5 If works are suspended by Force Majeure conditions lasting for more than two (2) months, GSECL shall have the option of cancelling this Contract in whole or part thereof, at its discretion.
- 18.6 M/s L&T shall not claim any compensation for Force Majeure conditions and shall take appropriate steps to insure men and materials utilized by it under the Contract well in advance
- 19.0 **TERMINATION FOR DEFAULT:**
- 19.1 The Company may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to M/s L&T, terminate the Contract in whole or in part if M/s L&T fails to deliver or execute any or all of the goods within the time period(s) under the Contract or any extension thereof granted by GSECL pursuant to the clause for Delay in Execution or Failure to Supply or, If M/s L&T fails to perform any other obligations(s) under the Contract.
- 19.2 In the event GSECL terminates the Contract in whole or in part, pursuant to above, GSECL may procure, upon such terms and in such manner as it deems appropriate, goods similar to those undelivered, M/s L&T shall be liable to GSECL for any excess costs for such similar goods. However, M/s L&T shall continue the performance of the Contract to the extent not terminated.

- 19.3 In case termination of the Contract due to default, M/s L&T may be blacklisted by GSECL for future work.

20.0 RISK PURCHASE:

If M/s L&T fails, on receipt of the Lol /NTP, to take up the work within a reasonable period or leave the work Site after partial execution of the work, GSECL shall have the liberty to get the work done through other agency at M/s L&T own risk and additional cost if any. If the situation, so warrants, to compel GSECL to cancel the Lol placed on M/s L&T, it shall be liable to compensate the loss or damage, which GSECL may sustain due to reasons of failure on M/s L&T part to execute the work in time.

21.0 ARBITRATION:

- 21.1 All matters, questions, disputes, differences and / or claims arising out of and / or concerning, and /or in connection with, and /or in consequence of, and /or relating to this contract which may arise between the parties in connection with the Contract or any matter arising out of or in relation thereto shall be reported to Gujarat Public Work Contract Dispute Arbitration Tribunal and provision of Gujarat Public Work Contract Disputes Arbitration and Tribunal Act 1996 shall be applied as updated from time to time.

- 21.2 M/s L&T shall ensure that the work under this Contract shall continue during arbitration proceedings and dispute and no payments due from or payment by GSECL shall be withheld on account of such proceedings except to the extent which may be in dispute.

- 21.3 The Arbitrator may, from time to time, with the consent of the parties to the contract enlarge the time for making the award. The venue of the arbitration shall be the place from which the acceptance of offer is issued or such other place as the Arbitrator, in his discretion, may determine.

22.0 COURT OF COMPETENT JURISDICTION:

The Courts of Vadodara for GSECL shall have exclusive jurisdiction in all matters arising under the Contract

23.0 CONTRACT AGREEMENT:

You will have to enter into a contract agreement on a stamp paper of Rs. 300/- as per standard Performa annexed as Appendix 19 of the Tender. The cost of the stamp paper and agreement shall be borne by M/s L&T. The agreement shall be signed by authorized person of M/s L&T with the common seal of M/s L&T.

24.0 ACKNOWLEDGEMENT:

Please acknowledge the receipt of this order and convey your acceptance for the same. Please note that if M/s L&T fails to acknowledge this order in token of acceptance within seven days' time from the date of receipt, you will be deemed to have accepted this order and terms and conditions set therein along with annexure/schedules attached.

Yours faithfully,

For & On behalf of Gujarat State Electricity Corporation Limited,

Handwritten: M. S. / M. S. / 5/4/2021
I/c Chief Engineer (P&P)
GSECL: CO: Vadodara

Encl: (1) Price Schedule

Copy to:

- 1: GM (F&A) GSECL, C.O. Vadodara
- 2: Chief Engineer (G), GSECL, Sikka TPS.
- 3: Superintending Engineer (Civil) GSECL, C.O. Vadodara.

Price Schedule

Sub: Design, Engineering, Supply & Procurement of 210 MW solar photovoltaic grid connected power plant at Babarzer, Dist: Jamnagar in the State of Gujarat

Schedule of Prices

Sr. No.	Particular	Unit Rate (INR)	QTY(W)	Basic price (without taxes & duties)	Freight and Transportation	Safe Guard Duty	Other Taxes & Duties (if any)	GST @ 8.9% (Rs.)	Final Price SPV (Including GST & Freight and transportation) (Rs.)
1	Supply of PV Modules	23.70269	210000000	497,75,64,900.00	2,79,66,822.00	0	0	44,54,92,323.00	545,10,24,045.00
2	Supply of Inverters	1.4622	210000000	30,70,62,000.00	3070620.00	0	0	2,76,01,803.00	337734423.00
3	Supply of MMS	3.2762	210000000	68,80,02,000.00	6880020.00	0	0	6,18,44,500.00	75,67,26,520.00
4	Supply of Civil Items	0.3132	210000000	6,57,72,000.00	657720.00	0	0	59,12,245.00	7,23,41,965.00
5	Supply of Balance of System includes all equipment, materials, accessories, etc. (excluding Sr.No.1 & 4).	5.8386	210000000	122,61,06,000.00	12261060.00	0	0	11,02,14,668.00	1348581728.00
Total: Rupees Seven Hundred Ninety Six Crore Sixty Four Lakh Eight Thousand six Hundred Eighty One Only.									796,64,08,681.00

M. Jamz
5/9/2021
 Chief Engineer (P&P)
 GSECL: CO: Vadodara



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

Vidyut Bhavan, Race Course, Vadodara, India - 390007. Ph. 91-265-6612133, Fax: 91-265-2341588
e-mail: cepnp.gsecl@gebm.com Website: www.gsecl.in
CIN: U40100GJ1993GCO1998B

GSECL/ PP/RE-Cell /210 MW Solar/Babarzar/Supply/ 628
By Speed Post / RPAD

Date: 3.06.2021

Amendment - 1

To,

M/s Larsen & Toubro Limited,
L&T Construction,
Power Transmission & Distribution,
Mount Poonamallee Road,
Manapakkam, P B No 979
Chennai 600 089

Sub: Amendment - 1 to the detailed supply order for "Design, Engineering, Supply & Procurement, of 210MW solar photovoltaic grid connected power plant at Babarzar, Dist: Jamnagar in the state of Gujarat."

- Ref:** (1) Tender No.GSECL/ PP/ RE / 210 MW Solar PV Dtd. 19.12.2020
(2) L&T letter No.. No. : LNT/SOLAR/GSECL/210MW/GUJ/2021/03 Dtd. 10.02.2021
(3) LOI No. GSECL/ PP/RE-Cell/210MW/Babarzar/ 178 Dtd. 11.02.2021
(4) L&T letter NO.LNT/SOLAR/GSECL/210MW/GUJ/2021/LoA/01 Dtd.13.02.2021.
(5) NTP GSECL/PP/RE-Cell/210MW/Babarzar/NTP/288 Dtd.06.03.2021.
(6) L&T email for acknowledgment of NTP Dtd.12.03.2021
(7) Supply order No. GSECL/ PP/RE-Cell /210 MW Solar/Babarzar/449 dtd.06.04.2021
(8) L & T e-mail dated 12.04.2021

Dear Sir,

With reference to supply order and correspondences mentioned therein, amendment-1 is issued and following clauses are amended as under:

Clause no	Existing clause	Amended Clause
	With reference to GSECL tender, your techno commercial offer, subsequent correspondences & discussions, Letter of Intent referred at ref (3) and M/s Larsen & Toubro Limited (M/s L&T) acceptance thereof and NTP referred at (4) & (5), Gujarat State Electricity Corporation Limited (GSECL) is pleased to award this "Detail Supply order for "Design, Engineering, Supply & Procurement of 210 MW Grid connected solar PV power project at Babarzar, District Jamnagar, Gujarat" (including unloading & storage of all materials supplied at site) at a total price of Rs 796,64,08,681/- (inclusive of Safeguard	With reference to GSECL tender, your techno commercial offer, subsequent correspondences & discussions, Letter of Intent referred at ref (3) and M/s Larsen & Toubro Limited (M/s L&T) acceptance thereof and NTP referred at (4) & (5), Gujarat State Electricity Corporation Limited (GSECL) is pleased to award this "Detail Supply order for "Design, Engineering, Supply & Procurement of 210 MW Grid connected solar PV power project at Babarzar, District Jamnagar, Gujarat" (including unloading & storage of all materials supplied at site) at a total price of Rs 796,64,08,681/- (inclusive of all taxes and


Clause no	Existing clause	Amended Clause
	duty and all taxes and Duties) (Rupees Seven Hundred Ninety Six Crore Sixty Four Lacs Eight Thousand Six Hundred Eighty One Only) for 210 MW Grid connected solar PV power project at Babarzar The rates are inclusive of freight, transportation and all duties and taxes.	Duties) (Rupees Seven Hundred Ninety Six Crore Sixty Four Lacs Eight Thousand Six Hundred Eighty One Only) for 210 MW Grid connected solar PV power project at Babarzar The rates are inclusive of freight, transportation and all duties and taxes.
3.1	The total firm price for the complete scope of supplies etc. as per clause No. 2 shall be as per schedule of prices and total amount not exceeding of Rs. 796,64,08,681/- (inclusive of Safeguard duty and all taxes and Duties) (Rupees seven Hundred Ninety Six Crore Sixty Four Lacs Eight Thousand Six Hundred Eighty One Only) Prices offered are firm till execution and completion of complete contract irrespective of completion period stipulated herein.	The total firm price for the complete scope of supplies etc. as per clause No. 2 shall be as per schedule of prices and total amount not exceeding of Rs. 796,64,08,681/- (inclusive of all taxes and Duties) (Rupees seven Hundred Ninety Six Crore Sixty Four Lacs Eight Thousand Six Hundred Eighty One Only) Prices offered are firm till execution and completion of complete contract irrespective of completion period stipulated herein.
5.2(A) iii	In case of imposition / continuation of safeguard duty on PV Module post 29.07.2021 then GSECL shall admit the same on production of documentary evidence considering the base rate as on the bid submission date.	For any statutory variation in safe guard duty post 29-07-2021 the safe guard duty rates prevailing as notified by Gol on the date of submission of price bid will be considered as base rate.
8.1	You have submitted Security Deposit cum Performance BG No.0999521 BG0000384 dtd.20.02.2021 amounting Rs.88,71,24,353=00 (Rs Eighty Eight Crores Seventy One Lakh Twenty Four Thousand Three Hundred Fifty Three only) which is valid till 18.12.2023 with 12 months claim period i.e. till 18.12.2024.	You have submitted Security Deposit cum Performance BG No.0999521 BG0000384 dtd.20.02.2021 amounting Rs.88,71,24,353.00 (Rs Eighty Eight Crores Seventy One Lakh Twenty Four Thousand Three Hundred Fifty Three only) which is valid till 18.12.2023 with 12 months claim period i.e. till 18.12.2024.

Other terms & conditions of order under reference remain unchanged.

Please acknowledge the receipt of this amendment - 1 to order under ref and convey your acceptance as per format attached for the same.

Yours faithfully,

For & On behalf of Gujarat State Electricity Corporation Limited,


(Y D Brahmbhatt)
Chief Engineer (P&P)
GSECL: CO: Vadodara

Copy to:

- 1) Chief Engineer (C&O), STPS – By E-mail.
- 2) I/C GM (F&A), Corporate Office, Vadodara – By E- mail.
- 3) SE (Civil), Corporate Office, Vadodara – By E- mail



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

Vidyut Bhavan, Race Course, Vadodara, India - 390007. Ph. 91-265-6612133, Fax: 91-265-2341588

e-mail: cepn.gsecl@gebmail.com Website: www.gsecl.in

CIN: U40100GJ1993SGC019988

GSECL/ PP/RE-Cell /210 MW Solar/Babarzar/Work/448

Date: 06 .04.2021

By RPAD

E -mail: snj@Intec.com

To
M/s Larsen & Toubro Limited,
L&T Construction,
Power Transmission & Distribution IC,
Mount Poonamalle Road, Manapakkam,
P.B.No.: 979,
Chennai - 600089.

Sub:-Detail Work order for "Design, Engineering, Construction, Erection, Testing, Commissioning and Operation and Maintenance of 210 MW Grid connected solar PV power project at Babarzar, District Jamnagar, Gujarat" For Works.

Ref: (1) Tender No.GSECL/ PP/ RE / 210 MW Solar PV Dtd. 19.12.2020
(2) L&T letter No.No. :LNT/SOLAR/GSECL/210MW/GUJ/2021/03 Dtd.10.02.2021
(3) LOI No. GSECL/ PP/RE-Cell/210MW/Babarzar/ 178 Dtd. 11.02.2021
(4) L&T letter NO.LNT/SOLAR/GSECL/210MW/GUJ/2021/LoA/01 Dtd.13.02.2021.
(5) NTP GSECL/ PP/RE-Cell/210MW/Babarzar/NTP/288 Dtd. 06.03.2021.
(6) L&T email for acknowledgment of NTP Dtd.12.03.2021

Dear Sir,

With reference to GSECL tender, your techno commercial offer, subsequent correspondences & discussions, Letter of Intent referred at ref (3) and M/s Larsen & Toubro Limited (M/s L&T) acceptance thereof referred at (4), Gujarat State Electricity Corporation Limited (GSECL) is pleased to award this 'detailed work order' for Design, Engineering, Erection, Testing & Commissioning and civil works (including unloading & storage of all materials supplied at site) at a total price of Rs. 90,48,34,854/- (inclusive of all taxes and Duties) (Rupees Ninety Crores Forty Eight Lakh Thirty Four Thousand Eight Hundred Fifty Four only) for 210 MW Grid connected solar PV power project at Babarzar, District Jamnagar, Gujarat. The rates are inclusive of all duties and taxes.

M/s L&T shall provide guarantee and be entirely responsible for the execution of the Contract in accordance with the specification, schedules, Quality plans, relevant standards and various annexures of Tender.

M/s L&T shall further provide guarantee and be responsible for the quality and workmanship of all executed works for correct designs and drawings, implementation as per relevant standards, erection, testing and commissioning of all plants and equipment's. Any item though specifically not mentioned in this order / specification but needed to complete equipment & systems within the scope of work of Design, Engineering, Work &

Procurement, Construction, Erection, Testing, Commissioning and Operation and Maintenance of 210 MW Grid connected solar PV power project at Babarzar to meet the objective of the specification shall also be in your scope.

1.0 GENERAL :

- 1.1 The General terms and conditions as well as the Special Terms and Conditions of the tenders are complimentary to each other and wherever there is a conflict, the special terms and conditions shall prevail.
- 1.2 M/s L&T will also be deemed to be fully aware of the GSECL's "General Terms and Conditions and Special Terms and Conditions of Tender documents "which forms part of this Order and any ignorance of the conditions will not exempt M/s L&T from the liabilities to abide by the same.
- 1.3 M/s L&T shall take necessary and adequate safety measures including issue and use of personal protective equipment and precautions during work to avoid any accident, which may cause damage to any equipment/material or injury to workmen. GSECL shall not be responsible for any such accidents.

2.0 SCOPE :

It is not the intent to list out complete scope of works here under. The detail scope will be as per clause 5.0 and will be governed by clause 6.0 and 7.0 and various clauses and sub clauses of Tender. However, the broad scope of works shall include but not limited to the following.

2.1 ERECTION, TESTING & COMMISSIONING:

The scope shall include design, engineering, construction of all necessary civil/structural/ architectural works, erection/installation including unloading, storage and handling of materials, equipment's etc. supplied by the supplier at site, site testing, commissioning, trial run, performance and guarantee tests and other services including co-ordination with supply M/s L&T, engineering and project management related to the equipment/systems comprising 210 MW Grid connected solar PV power project commissioning and evacuation of power into the GETCO's Babarzer substation through construction, erection, testing and commissioning of complete 66 KV bay along with bus bar extension in respective substations, as per GETCO guidelines, with the guaranteed plant performance in the form of guaranteed CUF as specified hereinafter in schedule 2 and in accordance with the requirements, conditions, appendices, drawings etc. of Tender and General Terms and Conditions as well as special terms and conditions of GSECL tender. Generation from solar PV plant shall be terminated to Babarzer 66kv S/s through 66 KV U/g cable, which must be GETCO approved Cable or of suitable rating as per current carrying capacity, fault level and voltage drop selection criteria

- 2.1.1 The evacuation voltage shall be at 66 KV AC (three phase) wherein evacuating point cum metering point shall be installed at Babarzer substation of GETCO.
- 2.1.2 ABT Meters to measure net power evacuation shall be installed at Babarzer substation of GETCO as per GETCO Guidelines.

3.0 PRICE :

The total firm price for all the erection, testing and commissioning works covered under the scope of works as per clause No. 2 shall be as per schedule of prices and total amount not exceeding of Rs. 90,48,34,854/- (inclusive of all taxes and Duties) (Rupees Ninety Crores Forty Eight Lakh Thirty Four Thousand Eight Hundred fifty four only). Prices offered are firm till execution and completion of complete contract irrespective of completion period stipulated herein and is without any price adjustment.

4.0 TAXES AND DUTIES :

Prices are firm and inclusive of all taxes and duties.

5.0 STATUTORY VARIATION :

5.1 Statutory variations in the tax shall be permitted as under:

(A) Statutory variations during original contractual completion period :

- (i) If any increase takes place in taxes and duties due to statutory variation (including safeguard Duty for PV modules only), then GSECL shall admit the same on production of documentary evidences.
- (ii) If any decrease takes place in taxes and duties due to statutory variation (including safeguard Duty for PV modules only), the same shall be passed on to GSECL or GSECL shall admit the decreased rate of taxes and duties while making the payment.
- (iii) In case of imposition/continuation of safeguard duty on PV modules post 29.07.2021, then GSECL shall admit the same on production of documentary evidences.

(B) Statutory variations beyond original contractual completion period :

- (C) If reasons for extension of contractual completion period is attributable solely to GSECL, the provisions of (A) (i) above shall apply.
- (D) If any decrease takes place in taxes and duties due to statutory variation, the same shall be passed on to GSECL or GSECL shall admit the decreased rate of taxes and duties while making the payment.

5.2 Variation on account of exchange rate will not be payable. No statutory variation shall be payable by GSECL on the input items. i.e. raw materials etc.

6.0 TERMS OF PAYMENT:

GSECL shall pay to M/s L&T in the following manner for Erection, Testing and Commissioning against achieving the respective milestones of ETC.

Sr. no	Milestone for Works	Mile stone as per tender
1	Mobilization Advance Payment: Interest free 5 % of works price Against mobilization at site and submission of BG of equivalent amount	5% of Contract Value of Works
2	On completion of soil investigation and Topo survey & Finalization of MMS pile design.	5 % contract value of works
3	Against monthly RA bills for the Works executed at site	60 % of Contract Value of Works
4	Upon Successful Commissioning of the entire Project Against PV Module Bank Guarantee (if PV Module insurance is not available).	10 % of Contract Value of Works
5	Upon Successful OAT	20 % of Contract Value of Works
Total		100%

Notes :

1. Bank Guarantee against mobilization/ Advance shall be submitted for initial validity of 18 (Eighteen) months and shall be extended till adjustment of the entire amount.
2. All works shall be considered for payment on pro-rata basis of payment milestones as per approved billing break up to be approved after award of contract.
3. M/s L&T shall submit all the invoices related to Project to The Chief Engineer (Generation), Sikka TPS with copy to Chief Engineer (P&P), Corporate Office, GSECL, Vadodara. All material shall be consigned to Chief Engineer (Generation), Sikka TPS.
4. The payment for works shall be released on monthly basis.
5. Mobilization Advance Payment shall be adjusted in monthly RA bills on pro-rata basis.
6. For payment against Milestone 3 of works, the joint recording of work done at site shall be attached with the invoices.
7. While making payment for each invoice, amount GST and applicable Cess will be kept under retention till submission of documentary proof of payment of GST or till reflection of payment of GST pertains to respective bill amount in GST return for concern Invoice after due verification.
8. Subject to any deduction which the Company may be authorized to make under this Contract, and or to any additions or deductions provided for in this Contract, M/s L&T shall be entitled to payment as follows:
 - a. All payments shall be made in Indian Rupees, unless otherwise specified in the Lol /Contract Agreement. All payment shall be made on the basis of actual measurement for the quantified items as per schedule of works.
 - b. M/s L&T shall submit the bill / invoice for the work executed showing separately applicable GST and any other statutory levies in the bill / invoice.
 - c. All taxes and deductions shall be applicable as per prevailing income tax and other statutory rules and provisions in force.
 - d. Payment shall be made by AO (Cash), GSECL CO, Vadodara by RTGS/NEFT.

7.0 INSURANCE:

- 7.1 During the construction period, i.e. before the Commissioning of the Project, all insurance related expenses shall be borne by M/s L&T. The goods supplied under the Contract shall be fully insured against the loss or damage incidental to manufacture or acquisition, transportation, storage, delivery, theft, natural or other disaster, etc. in such a manner that the Company shall not incur any financial loss, as long as the construction of the Project continues to remain under the custody of M/s L&T.
- 7.2 In case of any loss or damage or pilferage or theft or fire accident or combination of the said incidents etc. under the coverage of insurance M/s L&T shall lodge the claim as per rules of insurance. Any FIR required to be lodged to local Police Station shall be the responsibility of M/s L&T.
- 7.3 M/s L&T shall arrange to supply/ rectify/ recover the materials even if the claim is unsettled for timely completion of the Project. The final financial settlement with the insurance company shall be rested upon M/s L&T.
- 7.4 In case of any delay of the Project attributable to M/s L&T, M/s L&T themselves in consultation with the Company should take the extension of insurance. Any financial implications shall, however, be borne by M/s L&T.
- 7.5 M/s L&T shall arrange for providing insurance coverage to its workmen under Workmen's Compensation Act or similar Rules and Acts as applicable during execution of work for covering risk against any mishap to its workmen. M/s L&T shall also undertake a Third Party Insurance. The Company shall not be responsible for any such loss or mishap.
- 7.6 Comprehensive insurance is to be arranged by M/s L&T during the O&M period of the Contract.
- 7.7 At the end of the term of insurance undertaken by M/s L&T, they shall provide all the necessary documents to the satisfaction of the Company in order to enable the Company to take up the insurance of the Plant.

8.0 SECURITY DEPOSIT CUM PERFORMANCE GUARANTEE:

- 8.1 You have submitted BG no 0999521BG0000384 DTD 20.02.2021 amounting Rs. 88,71,24,353/- (Rs Eighty Eight Crore Seventy One Lakh Twenty Four Thousand Three Hundred Fifty Three only) which is valid till 18.12.2023 with 12 months claim period i.e till 18.12.2024.
- 8.2 In case of delay in demonstration of the PG test, the SD/PBG will have to be Extended up to 3 months beyond the due date for completion of PG test and shall continue till next one (1) year.
- 8.3 SD/PBG shall be returned only after successful Performance Guarantee Test/ Final Acceptance Test.

9.0 COMPLETION PERIOD:

- 9.1 The Zero Date is 06.03.2021 i.e. date of NTP.
- 9.2 The time of completion and Commissioning of the Plant is 18 months from date of NTP i.e. 18 months from 06.03.2021. Hence, completion date shall be 05.09.2022

10.0 FINAL COMMISSIONING AND PLANT ACCEPTANCE:

The commissioning procedure shall be as per GEDA/ GETCO / GSECL / PGVCL / Chief Electrical Inspector to Government (CEIG) requirements. M/s Larsen & Toubro Limited shall also ensure the following:

- i. Obtaining written certificate of commissioning of the facility and permission to connect to the grid from the office of the Chief Electrical Inspector of the State and any other authorized representative from Government of India (GoI) / GoG / GETCO / GSECL / PGVCL/GEDA.
- ii. Inspection and successful electrical commissioning certificate from the Company.
- iii. Obtaining all certificates required by DisCom from agency appointed by them.
- iv. Satisfactory completion certificate towards completion of all other contractual obligations by M/s L& T as stipulated from the Company.

10.2 HANDING OVER TAKING OVER:

- 10.2.1 210 MW project shall be taken over by GSECL upon successful completion of all tasks to be performed at Site(s) on execution of Erection, testing and commissioning of all plants and equipment's by M/s L&T in accordance with provision of the Tender and corrigendum's. During handing over complete Project work, M/s L& T shall submit the following for considering final payment:
- a. All as- Built Drawings;
 - b. Detailed Engineering Document with detailed specification, schematic drawing, circuit drawing and test results, manuals for all deliverable items, Operation, Maintenance & Safety Instruction Manual and other information about the project;
 - c. Bill of material;
 - d. Inventory of spares at projects Site.
 - e. Copies of all warranties/guarantees.
- 10.2.2 Immediately after taking over of complete Plant, the same will be handed over to M/s L& T for Operation & Maintenance for a period as mentioned in Tender.
- 10.2.3 Handing over will be done only after Completion of Facilities and successful Operational Acceptance Test.
- 10.2.4 Prior to handing over, GSECL shall conduct a plant audit by self or by appointing third party as per GSECL's discretion, and any defects identified during such audits

or inspection shall be rectified by M/s L& T at its own cost prior to the completion of the O&M period.

11.0 RESPONSIBILITY OF M/S L& T:

- 11.1 M/s L& T shall provide guarantee and be entirely responsible for the execution of the Contract in accordance with the specification, schedules, and annexure of Tender.
- 11.2 M/s L& T shall further provide guarantee and be responsible for the quality and workmanship of all completed works, correct designs and drawings, correct erection, testing and commissioning including operation & maintenance.

12.0 RELEASE OF PAYMENTS AGAINST INVOICES:

Payment for a specific milestone shall be released within 30 days after submission of complete invoices along with all supporting documents.

13.0 LIQUIDATED DAMAGES AND UNDER PERFORMANCE:

- 13.1 If M/s L& T fails to deliver the plant or fails to start the work within specified time frame after issue of Lol/NTP or leaves the work site after partial execution of the work, GSECL shall have the right to get the work done through any other agency at the risk and cost of M/s L& T. Further to this, GSECL may, without prejudice to the right of M/s L& T to recover damages for breach of trust of the Contract, may impose penalties.

13.2 DELAY IN COMMISSIONING

13.2.1 In case M/s L& T fails to achieve successful Commissioning of plant by the due date indicated in Timeline Clause 9.2, then GSECL shall levy the Liquidated Damages on M/s L& T. 50% of name plate AC capacity (i.e 105 MW(AC)) shall be consider for partial commissioning, subject to confirmation from GUVNL for purchase of power. Operational Acceptance Test (OAT) shall start only when full 210 MW(AC) capacity is to be commissioned by M/s L& T.

13.2.2 In case M/s L& T fails to achieve successful Commissioning of Plant by the date prescribed Timeline, the Liquidated Damages shall be levied to M/s L& T as under:

- a. **Delay upto 30 days:** Amount of Rs. 15,000.00 / MW/Day shall be deducted as Penalty for the first 30 days of delay, calculated on per day basis and proportionate to the capacity not commissioned as COD with GEDA/GUVNL.
- b. **Delay more than 30 days and up to 60 days:** Amount of Rs. 25,000.00 / MW/Day shall be deducted as Penalty, calculated on per day basis and proportionate to the capacity not commissioned as COD with GEDA/GUVNL.
- c. **Delay more than 60 days:** Amount of Rs. 35,000.00 / MW/Day shall be deducted as Penalty calculated on per day basis and proportionate to the capacity not commissioned as COD with GEDA/GUVNL.

Maximum applicable Liquidated Damages: The upper ceiling for total liquidated damages for delay shall be maximum 10% of the EPC Contract Price. For calculation of penalty, date of Notice to Proceed shall be the reference date.

- 13.3 For calculation of penalty, date of Lol/NTP shall be reference date.

13.4 UNDERPERFORMANCE

At the time of the Operational Acceptance Test, any shortfall in the Performance Ratio (PR) as determined through the Test Procedure in the Appendix 16 of tender: Procedure for Performance Testing will attract imposition of Liquidated Damages after one (1) unsuccessful chance. For any shortfall in PR below 0.75 by M/s L&T for the second (2) time, a penalty of 1% of the EPC Contract Price (inclusive of taxes & duties) shall be levied. In case the first the Test is unsuccessful, then, penalty shall not be charged but M/s L& T has to make the necessary corrections to conduct the test again within the stipulated time of maximum 30 days so as to demonstrate the PR equal to or more than 0.75. In the second (2nd) time, a penalty at the rate specified above shall be levied on M/s L& T. The penalty shall be deducted from the pending payment and Performance Bank Guarantee. However, if M/s L& T feels that NEEGG may not be achieved and want to carry out further correction, the same will be allowed for one or more time i.e. 3rd time but PG Test and O&M period shall start from such later date as mentioned in Point No. A (xi) in tender: Table Pg. 5. In case M/s L& T is successful in 3rd attempt, then, 1% of the EPC Contract price (including taxes & duties) deducted after unsuccessful 2nd attempt shall be returned. However, if M/s L& T fails in the 3rd attempt as well then the penalty deducted at the time of 2nd unsuccessful attempt shall not be returned.

GST & cess will be applicable at applicable rate on all liquidated damages as well as penalties.

13.5 PERFORMANCE GUARANTEE TEST / FINAL ACCEPTANCE TEST:

If the "Actual Delivered Energy" at metering point is less than the Base NEEGG (corresponding to NEEGG quoted for 1st year of O&M) based on the procedure mentioned in the Appendix 16, then, the penalty at rate of Rs. 4.0 per kWh shall be charged for the shortfall.

14.0 DEFECT LIABILITY:

- 14.1 M/s L&T must warrant that the facilities or any part thereof shall be free from defects in the design, engineering, materials and workmanship of the Plant and Equipment supplied and of the work executed.
- 14.2 If it shall appear to the authorized representative of the Company that any supplies have been executed with unsound, imperfect or unskilled workmanship, or with materials of any inferior description, or that any materials or articles provided by M/s L&T for the execution of Contract are unsound or otherwise not in accordance with the Contract, M/s L&T shall on demand in writing inform the authorized representative of the Company specifying the item, materials or articles complained of, notwithstanding that the same may have been inadvertently or otherwise passed, certified and paid for. M/s L&T shall forthwith rectify or remove and replace that item so specified and provide other proper and suitable materials or articles at

its own charge and cost, and in the event of failure to do so within a period to be specified by the authorized representative of the Company in its demand aforesaid, the Project Manager may on expiry of notice period rectify or remove and re-execute the time or remove and replace with others, the materials or articles complained of as the case may be at the risk and cost in all respects of M/s L&T. The decisions of the authorized representative of the Company as to any question arising under this Clause shall be final and conclusive.

- 14.3 M/s L&T shall be liable for the operation and maintenance of the Facility and Consequently shall be required to rectify any defects that emerge during the operation of the Facilities for the entire term of this Contract. Defect Liability Period shall be eighteen (18) months from the date of Commissioning or twelve (12) months from the completion of last Operational Acceptance Test, whichever is later."
- 14.4 If during the Defect Liability Period any defect found in the design, engineering, materials and workmanship of the Plant and Equipment supplied or of the work executed by M/s L&T, M/s L&T shall promptly, in consultation and agreement with GSECL regarding appropriate remedying of the defects, and at its cost, repair, replace or otherwise make good (as M/s L&T shall, at its discretion, determine) such defect as well as any damage to the Facilities caused by such defect.
- 14.5 Furthermore, without prejudice to the generality of the foregoing, it is clarified that M/s L&T shall also be responsible for the repair, replacement or making good of any defect or of any damage to the Facilities arising out of or resulting from any of the following causes:
- a) Improper operation or maintenance of the Facilities by M/s L&T during operation and maintenance of the Facility; or
 - b) Operation of the Facilities violating specifications of the Facilities.
- 14.6 GSECL shall give M/s L&T a notice stating the nature of any such defect together with all available evidence thereof, promptly following the discovery thereof. GSECL shall afford all reasonable opportunity for M/s L&T to inspect any such defect.
- 14.7 GSECL shall provide M/s L&T all necessary access to the Facilities and the Site to enable M/s L&T to perform its obligations.
- 14.8 M/s L&T may, with the consent of the Company, remove from the Site any Plant and Equipment or any part of the Facilities that are defective, if the nature of the defect and/ or any damage to the Facilities caused by the defect is such that repairs cannot be expeditiously carried out at the Site.
- 14.9 If the repair, replacement or making good is of such a nature that it may affect the efficiency of the Facilities or any part thereof, the Company may give to M/s L&T a notice requiring that tests of the defective part of the Facilities shall be made by M/s L&T immediately upon completion of such remedial work, whereupon M/s L&T shall carry out such tests.
- 14.10 If such part fails the tests, M/s L&T shall carry out further repair, replacement or making good (as the case may be) until that part of the Facilities passes such tests. The tests, in character, shall in any case be not inferior to what has already been

agreed upon by GSECL and M/s L&T for the original equipment/part of the Facilities.

- 14.11 If M/s L&T fails to commence the work necessary to remedy such defect or any damage to the Facilities caused by such defect within a reasonable time (which shall in no event be considered to be less than seven (7) days), the Company may, following notice to M/s L&T, proceed to do such work, and the reasonable costs incurred by GSECL in connection therewith shall be paid to GSECL by M/s L&T or may be deducted by the Company from any monies due to M/s L&T or claimed under the Performance Guarantee, without prejudice to other rights, which GSECL may have against M/s L&T in respect of such defects.
- 14.12 If the Facilities or any part thereof cannot be used by reason of such defect and/ or making good of such defect, the Defect Liability Period of the Facilities or such part, as the case may be, shall be extended by a period equal to the period during which the Facilities or such part cannot be used by the Company because of any of the aforesaid reasons. Upon correction of the defects in the Facilities or any part thereof by repair/ replacement, such repair/ replacement shall have the defect liability period of eighteen (18) months from such replacement.
- 14.13 In addition, M/s L&T shall also provide an extended warranty for any such component of the Facilities and for the period of time. Such obligation shall be in addition to the Defect Liability Period specified under Clause 6.14 of the tender.

15.0 BAR CHART/PERT CHART AND PROGRESS REPORT:

- 14.1 M/s L&T shall submit a weekly progress report on execution of works conforming to bar/ PERT Chart and format provided by GSECL. In case of any slippage(s) or delay in execution of work reasons for such delay along with details of hindrances will be submitted by M/s L&T along with modified Bar/ PERT Chart mentioning the action plan being taken to keep the due date of completion of project unchanged. If required, M/s L&T shall use additional manpower to keep the due date of completion of Project unchanged.
- 14.2 The authorized representative of M/s L&T shall review the progress of the Project work every fortnight on a prefixed day at project site with GSECL or its representative as per the network and record the minutes.

16.0 APPROVAL OF DESIGNS/DRAWINGS:

- 16.1 The following procedure has to be followed for assessment and approval of designs, specifications and drawings during the course of the project. M/s L&T shall submit to the Company/Consultant the documents in hard copy and soft copy to both with proper reference and drawing numbers. The respective documents for selection, supply, installation, erection, commissioning of equipment/ structures have to be submitted at least 15 days in advance to the planned start of the activity as per M/s L&T project schedule. M/s L&T shall submit documents as required for this project according to his design and specifications. The Company / Consultant (on behalf of the Company) will assess and approve the documents within 10 days of submission of documents; and only after the approval M/s L&T shall release the documents on site for execution. The documents shall be revised by M/s L&T as per instructions /comments given by the Company / Consultant (on behalf of the Company) if

required, prior to execution. Subsequent revisions and the final version of the documents shall also be submitted in hard and soft copy to the Company and the Consultant. M/s L&T has to take into account the above mentioned process of revisions (if required) and adjust the preparation and delivery of the documents such that the overall planned project schedule is not affected.

- 16.2 M/s L&T shall submit all drawings, which are related to plant for approval and M/s L&T, shall not claim any drawing as their intellectual property. Drawing which is developed for project will be the intellectual property of the Company.
- 16.3 M/s L&T shall submit a comprehensive project management schedule in the form of a Gantt chart CPM/PERT chart and shall be liable for abiding by the schedule.
- 16.4 M/s L&T shall submit a comprehensive maintenance schedule for operation and maintenance of the photovoltaic power plant along with checklists before commencement of work on site and shall be liable for abiding by the schedule. All construction, operation and maintenance procedures shall be carried out through appropriate relevant standards, regulations and labour laws.

17.0 INSPECTION & TESTING:

- 17.1 GSECL or its authorized representative including appointed Consultant for the project shall have, at all times, access to M/s L&T premises and also shall have the power to inspect and examine the materials and workmanship of project work during its manufacture, shop assembly and testing. If part of the plant is required to be manufactured in the premises other than M/s L&T unit, the necessary permission for inspection shall be obtained by M/s L&T on behalf of GSECL or its duly authorized representative.
- 17.2 GSECL shall have the right to serve notice in writing to M/s L&T on any grounds of objections, which may have in respect of the work. M/s L&T shall have to satisfy the objection, otherwise, GSECL at their liberty may reject all or any component of plant or workmanship connected with such work.
- 17.3 M/s L&T or their authorized representative shall issue request letter to GSECL for testing of any component of the plant, which is ready for testing at least fifteen (15) days in advance from the date of actual date of testing at the premises of M/s L&T or elsewhere. When the inspection and the tests have been satisfactorily completed at M/s L&T's works, GSECL shall issue a certificate to that effect. However, the GSECL at its own discretion may waive the inspection and testing in writing under very special circumstances. In such case, M/s L&T may proceed with the tests which shall be deemed to have been made in GSECL's presence, and it shall forthwith forward six (6) sets of duly certified copies of test results and certificates to GSECL for approval of the GSECL. M/s L&T, on receipt of written acceptance from GSECL, may dispatch the equipment immediately for erection and installation.
- 17.4 For all tests to be carried out, whether in the premises of M/s L&T or any subcontractor or the supplier, M/s L&T shall provide labour, materials, electricity, fuel, water, stores, apparatus and instruments etc. free of charge as may reasonably be demanded to carry out such tests of the plant in accordance with the Contract. M/s L&T shall provide all facilities to GSECL or its authorized representative to accomplish such testing.

- 17.5 GSECL or their authorized representative shall have the right to carry out inward inspection of the items on delivery at the Site and if the items have been found to be not in line with the approved specifications, shall have the liberty to reject the same.
- 17.6 If GSECL desires, testing of any component(s) of the plant be carried out by an independent agency, the inspection fee, if any, shall be paid by GSECL. However, M/s L&T shall render all necessary help to GSECL whenever required free of charge.
- 17.7 M/s L&T shall have to provide the necessary testing reports to GSECL as and when required.
- 17.8 Neither the waiving of inspection nor acceptance after inspection by GSECL shall, in anyway, absolve M/s L&T from the responsibility of supplying the plant and equipment strictly in accordance with specification and drawings etc.

18.0 ASSIGNMENT OR SUBLETTING OF CONTRACT:

- 18.1 M/s L&T shall not, without the prior consent in writing from GSECL, assign or sublet or transfer its Contract in whole or in part, its obligations to perform under the Contract or a substantial part thereof, other than raw materials, or for any part of the work of which makers are named in the Contract, provided that any such consent shall not relieve M/s L&T from any obligation, duty or responsibility under the Contract.
- 18.2 M/s L&T shall notify the Company in writing of all subcontracts awarded under the Contract. Such notification shall not relieve M/s L&T from any liability or obligation under the Contract.
- 18.3 Subcontracting a work shall not, under any circumstances, relieve M/s L&T from its obligations towards the Project and GSECL.
- 18.4 In case, M/s L&T engages any Subcontractor to carry out a part of the work, the Subcontractor should have requisite Government License for carrying out such part of the work.

19.0 POWER AND WATER SUPPLY DURING CONSTRUCTION:

- 19.1 M/s L&T shall arrange for the temporary Power Supply at the site for construction purpose at its own cost.
- 19.2 Cost of water shall be as per prevailing rates from time to time and to be borne by M/s L&T.
- 19.3 Cost of electricity required during construction shall be payable by M/s L&T. For construction, temporary connection from Distribution Company shall be arranged by M/s L&T as per applicable tariff.
- 19.4 GSECL shall not provide facility for storage of material, and accommodation for labours at site. M/s L&T shall make their arrangement for the same.

20.0 LABOR ENGAGEMENT:

- 20.1 M/s L&T shall be responsible to provide all wages and allied benefits to its labours engaged for execution of the project work and also to carry out Operation and Maintenance service. M/s L&T shall remain liable to the authorities concerned for compliance of the respective existing rules and regulations of the government for this purpose and shall remain liable for any contravention thereof.
- 20.2 Strict adherence of various applicable labour laws like the Factories Act, Minimum Wages Act, ESI Act, Payment of Wages Act, the Workman's Compensation Act, EPF Act, M/s L&T labour (Regulation & Abolition) Act, 1970 and all other statutory requirements as amended from time to time to the entire satisfaction of Central/State Govt. Authorities, shall be the responsibility of M/s L&T and they shall have to make good loss, if any, suffered by GSECL on account of default in this regard by M/s L&T.
- 20.3 M/s L&T to encourage use of local manpower as per the local statutory (Labour) requirement, if any.
- 20.4 M/s L&T shall obtain license under Contract Labour (Regulation & Abolition) Act 1970, read with rules framed there under and furnish the same to the Company within 15 days of the issue of Detailed order of Contract failing which the detailed order of contract shall be cancelled/terminated without any further notice performance guarantee shall be forfeited.
- 20.5 Labour & employment rules of Gujarat state is to be followed. Preference shall be given to local unemployed youth in those panchayats which comes in the vicinity. Necessary skill development facilities may be offered for development of technical and professional skills for employment in the solar project.

21.0 FORCE MAJEURE:

- 21.1 In the event of either party being rendered unable by Force Majeure to perform any obligation required to be performed by them under this Contract, relative obligation of the party affected by such Force Majeure shall be treated as suspended during which the Force Majeure Clause lasts.
- 21.2 The term "Force Majeure" shall have herein mean riots (other than among the M/s L&T employee), Civil commotion, War (whether declared or not), invasion, act of foreign enemies hostilities, civil war, rebellion, revolution, insurrection, military coup, damage from aircraft, nuclear fission, embargoes, quarantines, acts of god such as earthquake (above 7.0 magnitude on Richter scales), lightning, unprecedented floods, fires not caused by M/s L&T negligence and other causes which M/s L&T has no control and accepted as such by GSECL whose decision shall be final and binding. Normal rainy season and monsoons are not Force Majeure.
- 21.3 Upon occurrence of such causes and upon its termination, the party alleging that it has been rendered unable as aforesaid, thereby, shall notify the other party in writing by registered notice within 24 (twenty four) hours of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of its claim.

- 21.4 Time for performance of the relative obligation suspended by the Force Majeure shall stand extended by the period for which such clause lasts.
- 21.5 If works are suspended by Force Majeure conditions lasting for more than two (2) months, GSECL shall have the option of cancelling this Contract in whole or part thereof, at its discretion.
- 21.6 M/s L&T shall not claim any compensation for Force Majeure conditions and shall take appropriate steps to insure men and materials utilized by it under the Contract well in advance.

22.0 TERMINATION:

- 21.1 The Company may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to M/s L&T, terminate the Contract in whole or in part if M/s L&T fails to deliver or execute any or all of the goods within the time period(s) under the Contract or any extension thereof granted by GSECL pursuant to the clause for Delay in Execution or Failure to Supply or, If M/s L&T fails to perform any other obligations(s) under the Contract.
- 21.2 In the event GSECL terminates the Contract in whole or in part, pursuant to above, GSECL may procure, upon such terms and in such manner as it deems appropriate, goods similar to those undelivered, M/s L&T shall be liable to GSECL for any excess costs for such similar goods. However, M/s L&T shall continue the performance of the Contract to the extent not terminated.
- 21.3 In case M/s L&T is not able to demonstrate the "Actual Delivered Energy" as per the "Base NEEGG" based on the procedure mentioned in Annexure A during the Performance Guarantee Test and after the penalties levied as mentioned in Clause 13.; GSECL reserves the right to terminate the Contract at its discretion if there are no efforts are made from M/s L&T to correct the issues regarding plant performance.
- 21.4 In case termination of the Contract due to default, M/s L&T may be blacklisted by GSECL for future work.

23.0 RISK PURCHASE :

If M/s L&T fails, on receipt of the Lol, to take up the work within a reasonable period or leave the work Site after partial execution of the work, GSECL shall have the liberty to get the work done through other agency at M/s L&T's own risk and additional cost if any. If the situation, so warrants, to compel GSECL to cancel the Lol placed on M/s L&T, it shall be liable to compensate the loss or damage, which GSECL may sustain due to reasons of failure on M/s L&T's part to execute the work in time

24.0 ARBITRATION :

- 24.1 All matters, questions, disputes, differences and / or claims arising out of and / or concerning, and /or in connection with, and /or in consequence of, and /or relating to this contract which may arise between the parties in connection with the Contract or any matter arising out of or in relation thereto shall be reported to Gujarat Public

Work Contract Dispute Arbitration Tribunal and provision of Gujarat Public Work Contract Disputes Arbitration and Tribunal Act 1996 shall be applied as updated from time to time.

24.2 M/s L&T shall ensure that the work under this Contract shall continue during arbitration proceedings and dispute and no payments due from or payment by GSECL shall be withheld on account of such proceedings except to the extent which may be in dispute.

24.3 The Arbitrator may, from time to time, with the consent of the parties to the contract enlarge the time for making the award. The venue of the arbitration shall be the place from which the acceptance of offer is issued or such other place as the Arbitrator, in his discretion, may determine.

25.0 COURT OF COMPETENT JURISDICTION :

The Courts of Vadodara for GSECL shall have exclusive jurisdiction in all matters arising under the Contract.

26.0 CONTRACT AGREEMENT :

You will have to enter into a contract agreement on a stamp paper of Rs. 300/- as per standard Performa annexed as Appendix 19 of the Tender. The cost of the stamp paper and agreement shall be borne by M/s L&T. The agreement shall be signed by authorized person of M/s L&T with the common seal of M/s L&T.

27.0 ACKNOWLEDGEMENT

Please acknowledge the receipt of this order and convey your acceptance for the same. Please note that if M/s L&T fails to acknowledge this order in token of acceptance within seven days' time from the date of receipt, you will be deemed to have accepted this order and terms and conditions set therein along with annexure/schedules attached.

Yours faithfully,
For & On behalf of Gujarat State Electricity Corporation Limited,

M. N. J. M/S
5.4.2021
Chief Engineer (P&P)
GSECL: CO: Vadodara

Encl: (1) Schedule of Prices & Schedule 2
(2) Annexure A

Copy to:

- 1: GM (F&A) GSECL, C.O. Vadodara
- 2: Chief Engineer (G) GSECL, Sikka TPS
- 3: Superintending Engineer (Civil) GSECL, C.O. Vadodara

Sub: -Design, Engineering, Construction, Testing, Commissioning and Civil works of 210MW solar photovoltaic grid connected power plant at Babarzar, Dist: Jamnagar in the state of Gujarat.

Schedule -2
O&M price and Net Electrical Energy Generation Guarantee NEEGG

	Annual Rate of Comp O&M INR	Taxes & Duties INR	O&M Charges including Taxes INR	KWH	% CUF
Year 1	32789085	5902035	38691120	542227000	29.48%
Year 2	33608812	6049586	39658398	539244752	29.31%
Year 3	34449032	6200826	40649858	536278905	29.15%
Year 4	35310258	6355846	41666104	533329371	28.99%
Year 5	36193014	6514743	42707757	530396060	28.83%
Year 6	37097840	6677611	43775451	527478882	28.67%
Year 7	38025286	6844551	44869837	524577748	28.52%
Year 8	38975918	7015665	45991583	521692570	28.36%
Year 9	39950316	7191057	47141373	518823261	28.20%
Year 10	40949074	7370833	48319907	515969733	28.05%

Handwritten Signature
5.4.2021
Chief Engineer (P&P)
GSECL: CO: Vadodara

Annexure A

Procedure for Performance Testing

Operational Acceptance Test Procedure

Performance Ratio (PR) - Test Procedure

1. Performance Ratio as determined through the PR Test Procedure specified here should not be less than **0.75** for Operational Acceptance Test.
2. The Performance Ratio Test to prove the guaranteed performance parameters of the power plant shall be conducted at site by M/s L& T in presence of the Company. M/s L& T Engineer shall make the plant ready to conduct such tests. The Operational Acceptance Test shall be commenced, within a period of one (1) month after successful Commissioning and, there will be continuous monitoring of the performance for 30 days. Any extension of time beyond the above one (1) month shall be mutually agreed upon. These tests shall be binding on both the parties to the Contract to determine compliance of the equipment with the guaranteed performance parameters. This monitoring will be performed on the site under the supervision of the Company/ Company's engineer.
3. The test will consist of guaranteeing the correct operation of the plant over 30 days, by the way of the efficiency rate (performance ratio) based on the reading of the energy produced and delivered to the grid and the average incident solar radiation. During this period of 30 days, any 5 (five) instances of 15 (fifteen) minutes shall be taken to calculate the instantaneous Performance Ratio of 15 minutes block as per the formula given below in Point No. 5. If the PR of these fives instances is above 75%, then Operational Acceptance Test (OAT) shall be considered successful.
4. PR shall be demonstrated against the installed DC Capacity.
5. The Efficiency or performance ratio (PR) of the PV Plant is calculated as follows (according to IEC 61724)

$$\text{Performance Ratio (PR)} = \text{YA} / \text{YR}$$

$$\text{YA} = \text{Eac} / \text{PNom}$$

$$\text{YR} = \text{IR Site} / \text{IR STC}$$

Where;

YA = Final PV system yield (representing the number of hours that the system would need to operate at its rated output power PNom to contribute the same energy to the grid as was monitored)

YR = Reference yield (representing the number of hours during which the solar radiation would need to be at STC irradiance levels in order to contribute the same incident energy as was monitored)

Eac = AC energy injected into the grid during a clearly specified amount of time (kWh).

PNom = Installed nominal peak power of modules (Nameplate rating at STC) (kWp);

IRSite = Irradiation on the module plane of array during a clearly specified amount of time (measured with a pyranometer installed on the plane of array, POA) (kWh/sq. m).

IRSTC = Irradiance at STC (kW/ sq. m); 1000W/m²

Monitoring System for PR Verification

The following instrumentation will be used to determine the Solar Plant Performance:

- Power Meter at the delivery point.
- Power Meter for each inverter for reference only.
- One nos. calibrated pyranometer to determine irradiance on the plane of array (with a target measurement uncertainty of ± 2).
- One nos. calibrated pyranometer to determine irradiance on horizontal plane (with a target measurement uncertainty of ± 2).
- Two nos. thermocouples to measure module temperature with a measurement uncertainty of ± 1 °C.
- Shielded ventilated thermocouple with a measurement accuracy of ± 1 °C.
- An anemometer mounted on a 10m mast to measure wind speed (without additional shadowing on modules).
- Data measurement shall be witnessed in the format mutually agreed before the start of PR test by the employer and M/s L&T jointly for the said period.
- M/s L&T shall show the specified PR for Operational Acceptance.

The procedure for Performance Guarantee Test (PGT) - cum- Final Acceptance Test- shall be as follows:

1. A weather station with a calibrated pyranometer shall be installed by M/s L&T at the location mutually agreed by M/s L&T and GSECL. The test report for the calibration shall be submitted by M/s L&T for approval by GSECL. The calibration should be traceable to a national/international laboratory. The output of this pyranometer shall be logged in the SCADA system.
2. In case the pyranometer is found to be working erratically then immediately M/s L&T shall take necessary steps to rectify and/or recalibrate the instrument to the satisfaction of GSECL. However, for the dispute period for which such error has occurred and until the instrument is recalibrated to the satisfaction of GSECL, data from any one of the following list of sources as decided by GSECL will be used:
 - i. A separate pyranometer installed by the Company near the site, if available
 - ii. Average of two closest solar power projects, as identified by GSECL
 - iii. Nearest MNRE weather station
3. "Actual Delivered Energy" from the plant supplied by M/s L&T shall be noted for every month and summed up for entire year. For this purpose, the net delivered energy at the metering point shall be taken into account.
4. To judge the performance on monthly basis and accordingly to initiate measures to meet guaranteed NEEEG quoted for respective year, the measured value of energy at step (3) shall be compared with 'Base NEEEG' and hence with 'Base CUF' value. "Base NEEEG/ CUF" for a month is calculated by using the NEEEG quoted in the offer by M/s L&T adjusted with a correction factor to take into

account the actual average global solar radiation measured by the calibrated pyranometer for that month. This shall be for intermittent performance monitoring only. However correction in annual NEEGG offered will be only on annual GHI measured.

5. Further, if the plant is not able to achieve the calculated *Base NEEGG/ CUF* during PGT and O&M period and there is a shortfall in energy generation, then M/s L&T shall be penalized as per relevant Clause of the Tender.
6. M/s L&T shall share with GSECL all the radiation, generation, etc. parameters details and all other factors necessary for GSECL to corroborate the estimate. GSECL has the right to cross verify data submitted by M/s L&T by all possible means/sources.

Following factors may be noted for computing the Base NEEGG/ CUF and PR Test:

7. Effect due to variation in annual insolation shall only be considered for computing the Base NEEGG/ CUF.
8. Effect due to variation of meteorological parameters e.g. ambient temperature, wind speed, humidity etc. shall not be considered.
9. **Generation loss due to grid outage (or power evacuation system which is not in the scope of M/s L&T):** The measured global solar radiation of the period of the outage of the power evacuation system shall be excluded to calculate average global solar radiation for the period of PGT and O&M.

Radiation:

Ideally, actual measurement of solar radiation at the site is desirable for estimating the projected power output since solar energy is the raw material for power generation. It may be noted that the annual average solar radiation measurement even for 1-2 years is not sufficient. World over, an average radiation value for at least 8-10 years is used for solar power project designing since climatic variations are quite wide year-to-year. Under such a situation, the prevailing practice world over is to develop software which uses satellite measured solar radiation and matches it with the actual ground measured data for the particular site where actual data has been obtained for many years. The derived values for Babarzar are tabulated below:

GHI for Babarzar

January	146
February	154.8
March	193.8
April	206.1
May	208.9
June	179.4
July	155.3
August	153.8
September	166.8
October	169.0
November	142.2
December	134.9
Annual	2011

Illustration:

If the GHI of a year is more or less than the reference GHI then NEEGG will be calculated as follows:

$$\text{NEEGG} = (\text{Actual GHI} \times \text{NEEGG guaranteed by M/s L\&T, on reference GHI}) / (\text{Reference GHI})$$

NEEGG guaranteed by M/s L&T = 71,832,000 KWh

Reference GHI = 1886 KWh/m² per annum

For Example:**Case A) for higher irradiation:**

If Actual GHI = 1900 kWh/m² per annum then NEEGG will be:

$$\text{NEEGG} = (1900 \times 71,832,000) / 1886$$

$$\text{NEEGG} = 72,365,217 \text{ KWh/ Annum}$$

Case B) for lower irradiation:

If Actual GHI = 1850 kWh/m² per annum then NEEGG will be:

$$\text{NEEGG} = (1850 \times 71,832,000) / 1886$$

$$\text{NEEGG} = 70,460,870 \text{ KWh/ Annum}$$

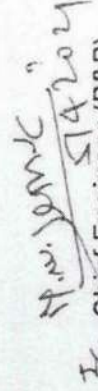
A. S. Jemz
5/4/2021
3/c Chief Engineer (P&P)
GSECL: CO: Vadodara

Price Schedule

Sub: -Design, Engineering, Construction, Testing, Commissioning and Civil works of 210MW solar photovoltaic grid connected power plant at Babarzar, Dist: Jamnagar in the state of Gujarat.

Schedule of Prices

Sr. No.	Particular	Unit Rate(INR)	QTY(W)	Basic price (without taxes & duties)	Freight and Transportation	Safe Guard Duty	Other Taxes & Duties(if any)	GST @ 8.9% (Rs.)	Final price SPV (Including GST+ Freight and transportation) (Rs.)
1	General works including construction, erection, testing, commissioning, COD with GEDA/GUVNL etc. of entire plant as per details specified in the Tender documents, on EPC Basis	3.7824	2100000000	79,43,04,000.00	0	0	0	7,06,93,056.00	86,49,97,056.00
2	Works including supply, construction, erection, testing, commissioning of transmission line to the GETCO S/s.	0.1742	2100000000	3,65,82,000.00	0	0	0	32,55,798.00	3,98,37,798.00
Total: Rupees Ninety Crore Forty Eighty Lakh Thirty Four Thousand Eight Hundred Fifty four Only									90,48,34,854.00


 H. V. Jethani
 Chief Engineer (P&P)
 GSECL: CO: Vadodara



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

Vidyut Bhavan, Race Course, Vadodara, India – 390007. Ph. 91-265-6612133, Fax: 91-265-2341588
 e-mail: cepnp.gsecl@gmail.com Website: www.gsecl.in
 CIN: U40100GJ1993SGC019988

GSECL/ PP/RE-Cell /210 MW Solar/Babarzar/Works/627

Date: 3.06.2021

By Speed Post / RPAD

AMENDMENT - 1

To,

M/s Larsen & Toubro Limited,
 Power Transmission & Distribution,
 L&T Construction,
 Power Transmission & Distribution,
 Mount Poonamallee Road,
 Manapakkam, P B No 979
 Chennai 600 089

Sub: Amendment-1 to Detail Work order for "Design, Engineering, Construction, Erection, Testing, Commissioning and Operation and Maintenance of 210 MW Grid connected solar PV power project at Babarzar, District Jamnagar, Gujarat" For Works.

- Ref:** (1) Tender No.GSECL/ PP/ RE / 210 MW Solar PV Dtd. 19.12.2020
 (2) L&T letter No.. No. : LNT/SOLAR/GSECL/210MW/GUJ/2021/03 Dtd. 10.02.2021
 (3) LOI No. GSECL/ PP/RE-Cell/210MW/Babarzar/ 178 Dtd. 11.02.2021
 (4) L&T letter NO.LNT/SOLAR/GSECL/210MW/GUJ/2021/LoA/01 Dtd.13.02.2021.
 (5) NTP GSECL/PP/RE-Cell/210MW/Babarzar/NTP/288 Dtd.06.03.2021.
 (6) L&T email for acknowledgment of NTP Dtd.12.03.2021
 (7) Works order No. GSECL/ PP/RE-Cell /210 MW Solar/Babarzar/448 dtd.06.04.2021
 (8) L & T e-mail dated 12.04.2021

Dear Sir,

With reference to works order and correspondences mentioned therein, amendment-1 is issued and following clauses are amended as under:

Clause no	Existing clause	Amended clause
Clause no 2.1	The scope shall include design, engineering, construction of all necessary civil/structural/architectural works, erection/installation including unloading, storage and handling of materials, equipment's etc. supplied by the supplier at site, site testing, commissioning, trial run, performance and guarantee tests and other services including co-ordination with supply M/s L&T, engineering and project management related to the	The scope shall include design, engineering, construction of all necessary civil/structural/architectural works, erection/installation including unloading, storage and handling of materials, equipment's etc. supplied by the supplier at site, site testing, commissioning, trial run, performance and guarantee tests and other services including co-ordination with supply M/s L&T, engineering and project management related to the

Clause no	Existing clause	Amended clause
	equipment / systems comprising 210 MW Grid connected solar PV power project commissioning and evacuation of power into the GETCO's Babarzer substation through construction, erection, testing and commissioning of complete 66 KV bay along with bus bar extension in respective substations, as per GETCO guidelines , with the guaranteed plant performance in the form of guaranteed CUF as specified hereinafter in schedule 2 and in accordance with the requirements, conditions, appendices, drawings etc. of Tender and General Terms and Conditions as well as special terms and conditions of GSECL tender. Generation from solar PV plant shall be terminated to Babarzer 66kv S/s through 66 KV U/g cable, which must be GETCO approved Cable or of suitable rating as per current carrying capacity, fault level and voltage drop selection criteria	equipment / systems comprising 210 MW Grid connected solar PV power project commissioning and evacuation of power into the GETCO's Babarzer substation through construction, erection, testing and commissioning of 66 KV Underground cable as per GETCO guidelines , with the guaranteed plant performance in the form of guaranteed CUF as specified hereinafter in schedule 2 and in accordance with the requirements, conditions, appendices, drawings etc. of Tender and General Terms and Conditions as well as special terms and conditions of GSECL tender. Generation from solar PV plant shall be terminated to Babarzer 66kv S/s through 66 KV U/g cable, which must be GETCO approved Cable or of suitable rating as per current carrying capacity, fault level and voltage drop selection criteria
5.2(A) iii	In case of imposition / continuation of safeguard duty on PV Module post 29.07.2021 then GSECL shall admit the same on production of documentary evidence considering the base rate as on the bid submission date.	For any statutory variation in safe guard duty post 29-07-2021 the safe guard duty rates prevailing as notified by Gol on the date of submission of price bid will be considered as base rate.
3.0	The total firm price for all the erection, testing and commissioning works covered under the scope of works as per clause No. 2 shall be as per schedule of prices and total amount not exceeding of Rs. 90,48,34,854/- (inclusive of all taxes and Duties) (Rupees Ninety Crores Forty Eight Lakh Thirty Four Thousand Eight Hundred fifty four only). Prices offered are firm till execution and completion of complete contract irrespective of completion period stipulated herein and is without any price adjustment.	The total firm price for all the erection, testing and commissioning works covered under the scope of works as per clause No. 2 shall be as per schedule of prices and total amount not exceeding of Rs. 90,48,34,854/- (inclusive of all taxes and Duties) (Rupees Ninety Crores Forty Eight Lakh Thirty Four Thousand Eight Hundred fifty four only). The rate(s) quoted against the work shall remain firm during the entire Contract period.
13.2.2	a. Delay upto 30 days: Amount of Rs. 15,000.00 / MW/Day shall be deducted as Penalty for the first 30 days of delay, calculated on per day basis and proportionate to the capacity not commissioned as COD with GEDA/GUVNL . b. Delay more than 30 days and up to 60 days: Amount of Rs. 25,000.00 /MW/Day	a. Delay upto 30 days: Amount of Rs. 15,000.00 / MW/Day shall be deducted as Penalty for the first 30 days of delay, calculated on per day basis and proportionate to the capacity not commissioned as COD with GUVNL . b. Delay more than 30 days and up to 60 days: Amount of Rs. 25,000.00 /MW/Day

Clause no	Existing clause	Amended clause
	shall be deducted as Penalty, calculated on per day basis and proportionate to the capacity not commissioned as COD with GEDA/GUVNL. c. Delay more than 60 days: Amount of Rs. 35,000.00 / MW/Day shall be deducted as Penalty calculated on per day basis and proportionate to the capacity not commissioned as COD with GEDA/GUVNL.	shall be deducted as Penalty, calculated on per day basis and proportionate to the capacity not commissioned as COD with GUVNL. c. Delay more than 60 days: Amount of Rs. 35,000.00 / MW/Day shall be deducted as Penalty calculated on per day basis and proportionate to the capacity not commissioned as COD with GUVNL.

Other terms & conditions of order under reference remain unchanged.

Please acknowledge the receipt of this amendment 1 to order under ref and convey your acceptance as per format attached for the same.

Yours faithfully,

For & On behalf of Gujarat State Electricity Corporation Limited,

(Y D Brahmbhatt)
Chief Engineer (P&P)
GSECL. CO: Vadodara

Copy to:

- 1) Chief Engineer (C&O), STPS – By E-mail.
- 2) I/C GM (F&A), Corporate Office, Vadodara – By E- mail.
- 3) SE (Civil), Corporate Office, Vadodara – By E- mail



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

VidyutBhavan, Race Course, Vadodara, India – 390007. Ph. 91-265-6612132

CIN: U40100GJ19935GCO19988

e-mail: cepnp.gsecl@gebmil.com Website: www.gsecl.in

GSECL/PP/RE/210MW/Babarzar/Amendment-2/275 Date: 17.02.2022

To,

Amendment - 2

By Speed Post / RPAD

M/s. Larsen & Toubro Limited,
L&T Construction,
Power Transmission & Distribution,
Mount Poonamallee Road,
Manapakkam, P. B. No. 979
Chennai. 600 089

Sub: Amendment - 2 for Supply & Work orders for Design, Engineering, Supply & Procurement, Construction, Erection, Testing & Commissioning of 210 MW Grid connected solar PV power project at Babarzar, Dist.: Jamnagar, Gujarat.

- Ref: (1) Tender No. GSECL/ PP/ RE / 210 MW Solar PV, dtd. 19.12.2020
(2) LOI No. GSECL/ PP/RE-Cell/210MW/Babarzar/ 178, dtd.11.02.2021
(3) NTP Ref. No. GSECL/PP/RE-Cell/210MW/Babarzar/NTP/288, dtd.06.03.2021.
(4) Supply order No. GSECL/ PP/RE-Cell /210 MW Solar/Babarzar/449, dtd.06.04.2021
(5) Work order No. GSECL/ PP/RE-Cell /210 MW Solar/Babarzar/448, dtd.06.04.2021
(6) Supply order Amendment-1 No. GSECL/PP/RE-Cell/210 MW Solar/Babarzar/ Supply/628, Dtd. 03.06.2021
(7) Work order Amendment-1 No. GSECL/PP/RE-Cell/210 MW Solar/Babarzar/works/627, Dtd.03.06.2021

Dear Sirs,

With reference to above subject, orders and their Amendment orders under Ref.(4) to (7) respectively are issued to M/s. Larsen & Toubro Limited for Design, Engineering, Supply & Procurement, Construction, Erection, Testing & Commissioning of 210 MW Grid connected solar PV power project at Babarzar, Dist.: Jamnagar, Gujarat.

It is to state that Amendment-2 is issued herein for supply & work orders clause No. 8.1 [Security Deposit Cum Performance Guarantee] is revised as under:

"You have to submit the Bank Guarantee for Security Deposit cum Performance Bank Guarantee amounting equivalent to **05 % of total EPC price** of supply and works i.e. **Rs.443562177/-** (Rupees Forty Four Crores Thirty Five Lacs Sixty Two Thousands One Hundred Seventy Seven Only) valid till 18.12.2023."

Other terms & conditions of order and their Amendment under reference remain unchanged.

Please acknowledge the receipt of this amendment - 2 order and submit the amended BG for SD-PBG. In case if you wish to submit new BG then, existing BG shall be return after receipt of new BG with confirmation.

Yours faithfully,

For & On behalf of Gujarat State Electricity Corporation Limited,

(Signature)
17.2.2022

(D M Jethva)

Chief Engineer (P&P)

GSECL: CO: Vadodara

Copy to: 1) GM (F&A), Corporate Office, Vadodara – By E- mail.

2) Chief Engineer, STPS – By E-mail.



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

VidyutBhavan, Race Course, Vadodara, India – 390007. Ph. 91-265-6612132

CIN: U40100GJ1993SGC019988

e-mail: cepnp.gsecl@gmail.com Website: www.gsecl.in

GSECL/PP/RE/210MW/Babarzar/Amendment-3/1538 Date: 26.09.2022

By Speed Post / RPAD

To,

Amendment - 3

M/s. Larsen & Toubro Limited,
L&T Construction,
Power Transmission & Distribution,
Mount Poonamallee Road,
Manapakkam, P. B. No. 979
Chennai. 600 089

Sub: Amendment - 3 for Supply & Work orders for Design, Engineering, Supply & Procurement, Construction, Erection, Testing & Commissioning of 210 MW Grid connected solar PV power project at Babarzar, Dist.: Jamnagar, Gujarat.

Ref:

- (1) Tender No. GSECL/ PP/ RE / 210 MW Solar PV, dtd. 19.12.2020
- (2) LOI No. GSECL/ PP/RE-Cell/210MW/Babarzar/ 178, dtd.11.02.2021
- (3) NTP Ref. No. GSECL/PP/RE-Cell/210MW/Babarzar/NTP/288, dtd.06.03.2021.
- (4) Supply order No. GSECL/ PP/RE-Cell /210 MW Solar/Babarzar/449, dtd.06.04.2021
- (5) Work order No. GSECL/ PP/RE-Cell /210 MW Solar/Babarzar/448, dtd.06.04.2021
- (6) Supply order Amendment-1 No. GSECL/PP/RE-Cell/210 MW Solar/Babarzar/ Supply/628, Dtd. 03.06.2021
- (7) Work order Amendment-1 No. GSECL/PP/RE-Cell/210 MW Solar/Babarzar/works/627, Dtd.03.06.2021
- (8) Order Amendment-2 No. GSECL/ PP/RE/210 MW/Babarzar/Amendment-2/275 dtd.17.02.2022
- (9) L&T Letter No. LNT/SOLAR/GSECL/210MW/66 dated 14.09.2022

Dear Sirs,

With reference to above subject, orders and their Amendment orders under Ref.(4) to (8) respectively are issued to M/s. Larsen & Toubro Limited for Design, Engineering, Supply & Procurement, Construction, Erection, Testing & Commissioning of 210 MW Grid connected solar PV power project at Babarzar, Dist.: Jamnagar, Gujarat.

It is to state that Amendment-3 is issued herein for supply & work orders clause No. 9.2 [completion period] is revised as under:

“Completion date shall be 20.11.2022 without levy of penalty and without increase in project cost.”

Other terms & conditions of order and their Amendment under reference remain unchanged.

Further, for securing the extension as above, M/s L&T Ltd will be required to submit corresponding extension in validity of Advance Bank Guarantee & Performance Bank Guarantee to GSECL if any.

Please acknowledge the receipt of this amendment - 3 to the order.

Yours faithfully,

For & On behalf of Gujarat State Electricity Corporation Limited,

(Signature)
26.9.2022

(D M Jethva)

Chief Engineer (P&P)

GSECL: CO: Vadodara

Copy to: 1) GM (F&A), Corporate Office, Vadodara – By E- mail.
2) Chief Engineer, STPS – By E-mail.

GUJARAT STATE ELECTRICITY CORPORATION LIMITED

Vidyut Bhavan, Race Course, Vadodara, India – 390007. Ph. 91-265-6612133, Fax: 91-265-2341588

e-mail: cepnp.gsecl@gmail.com Website: www.gsecl.in

CIN: U40100GJ1993SGC019988

CIN: U40100GJ1993SGC019988

Ref. No. GSECL/PP/RE-Cell/210MW/Babarzar/ 178

Date: 11.02.2021.

E-mail: Email ID: snj@Intec.com

By RPAD

'Letter of Intent (Lol)'

To,
Larsen & Toubro Limited,
L&T Construction,
Power Transmission & Distribution IC,
Mount Poonamalle Road, Manapakkam,
P.B.No. : 979,
Chennai – 600089.

Sub: Design, Engineering, Supply & Procurement, Construction, Erection, Testing, Commissioning and Operation and Maintenance of 210 MW Grid connected solar PV power project at Babarzar, District Jamnagar, Gujarat.

Ref.: (1) Tender No. GSECL/PP/RE/210 MW Solar PV dtd 19.12.2020.

(2) Your letter ref. No. : LNT/SOLAR/GSECL/210MW/GUJ/2021/03 Dtd. 10.02.2021.

Dear Sir,

With reference to tender for 210 MW Solar PV Project at Babarzar, District Jamnagar, your offer and subsequent reverse auction, Gujarat State Electricity Corporation Limited (GSECL) is pleased to accept your offer for Design, Engineering, Supply & Procurement, Construction, Erection, Testing, Commissioning, Operation and Maintenance at the price enumerated as under:

(a) EPC Price supply part: Rs.796,64,08,681 /- (Inclusive of safeguard duty and all taxes & duties)

(Rupees Seven Hundred Ninety Six Crores Sixty Four Lacs Eight Thousand six Hundred Eighty one only)

(b) EPC Price Works part: Rs. 90,48,34,854 /- (Inclusive of all taxes and duties)

(Rupees Ninety Crores Forty Eight Lacs Thirty Four Thousand Eight Hundred Fifty Four only)

(c) O&M Price for 10 years: Rs. 43,34,71,388/-(Inclusive of all taxes and duties)

(Rupees Forty Three Crores Thirty Four Lacs Seventy One Thousand Three Hundred Eighty Eight only)

This Lol is not exhaustive and is not intended to cover all terms and conditions of the contract and together with all the references herein above mentioned shall form an integral part of the contract to be executed between the GSECL and the contractor.

There shall be three different contracts to be signed for Supply, Works and O&M. The detailed orders incorporating scope of work, terms and conditions applicable to the order etc. shall follow shortly.

This Letter of Intent (LoI) is issued for taking all appropriate actions for timely completion⁷⁹ of the works covered under the tender and as agreed during discussions/ correspondences.


You have to submit the Bank Guarantee for 'Security Deposit cum Performance Bank Guarantee' amounting equivalent to 10% of total EPC price of supply and works i.e Rs. 88,71,24,353/- (Rupees Eighty Eight Crores Seventy one Lakhs Twenty Four Thousand Three Hundred Fifty Three Only) to be submitted within seven (7) working days, along with the acceptance of LoI, initially valid for a period of thirty four (34) months from the date of issue of LoI as per the format and issued by the Bank as per GoG notification.

Zero date shall be from the date of Notice to Proceed. Notice to Proceed shall be issued separately.

Kindly submit unconditional acceptance of this LETTER OF INTENT as per format attached herewith within 07 (seven) working days from receipt of this letter

Thanking you,

For and On Behalf Of GSECL,


(Y.D. Brahmbhatt)
Chief Engineer (P&P),
GSECL: CO: Vadodara.

Encl: As above.

CC to: (1) G.M. (F&A), GSECL, Corporate Office, Vadodara.
(2) Chief Engineer (G), STPS



GEDA

ગુજરાત ઊર્જા વિકાસ એજન્સી
GUJARAT ENERGY DEVELOPMENT AGENCY
A Government of Gujarat Organisation

GEDA/SOL-49/2025/03/OW/7905

Date: March 19, 2025

CERTIFICATE OF COMMISSIONING

This is to certify that M/s. Gujarat State Electricity Corporation Limited, GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta-Vadodara, Dist.- Vadodara has installed and commissioned 101824 kW(AC)/ 152910 kW(DC) capacity Solar Power Plant at Survey no.286 of Village- Babarzar, Ta-Lalpur, Dist.-Jamnagar on 10-03-2025 along with the associated equipment as per following details.

GEDA Registration No.	GEDA/PR/GMS/23-24/03/879/627/49
Capacity of Solar Power Project	101824 kW(AC)/ 152910 kW(DC)
SPV Modules- Type / Make	Bifacial / Jinko
Nos. of Photovoltaic Modules / Rating	242940 / 550 Wp, 35400 / 545 Wp
Inverters- Type / Make	String / Sineng
Nos. of Inverter / Rating	32 / 3182 kW
ABT Meter- Make / Serial no.	Secure / GJ 7302 A
Name of Substation	66 kV Substation, Babarzar
RFID details of SPV Modules	https://srtgeda.gujarat.gov.in/app-docs/rfid_upload_file/ec4d673ef9456b1b9144a41e5a13f06156b

The commissioning of the Ground Mounted Solar PV System has been carried out; the ABT meter has been installed.

For Gujarat Energy Development Agency


(Jatin Desai)

Sr. Project Executive I/c.

To,

M/s. Gujarat State Electricity Corporation Limited

GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta-Vadodara,

Dist.- Vadodara- 390007

Cc to:(1) Chief Engineer (R & C),
Paschim Gujarat Vij Company Limited (PGVCL),
Off. Nana Mava Main Road, Laxminagar,
Rajkot – 360 004

(2) Chief Engineer, State Load Dispatch Centre (SLDC)
GETCO, 132kV Gotri Sub Station Compound,
Opp. Kalpvruj building, Near T.B. Hospital, Gotri Road,
Vadodara - 390 021

ચોથો માળ, પ્લોટ નં. ૧૧ અને ૧૨ ઉદ્યોગભવન
સેક્ટર-૧૧, ગાંધીનગર - ૩૮૨ ૦૧૭.

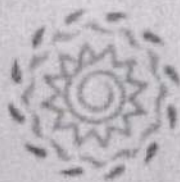
4th Floor, Block No. 11-12, Udhogbhavan,
Sector-II, Gandhinagar-382017. India.

Ph. : 079-232 57251-53

Fax : +91 79 232-47097, 57255

e-mail : director@geda.org.in

www.geda.gujarat.gov.in



GEDA

ગુજરાત ઊર્જા વિકાસ એજન્સી
GUJARAT ENERGY DEVELOPMENT AGENCY
A Government of Gujarat Organisation

GEDA/SOL-49/2025/02/OW/7437

Date: February 28, 2025

CERTIFICATE OF COMMISSIONING

This is to certify that M/s. Gujarat State Electricity Corporation Limited, GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta-Vadodara, Dist- Vadodara has installed and commissioned 89096 kW(AC)/ 133205.4 kW(DC) capacity Solar Power Plant at Survey no.286 of Village- Babarzar, Ta Lalpur, Dist- Jamnagar on 08-02-2025 along with the associated equipment as per following details.

GEDA Registration No.	GEDA/PR/GMS/23-24/03/879/627/49
Capacity of Solar Power Project	89096 kW(AC)/ 133205.4 kW(DC)
SPV Modules- Type / Make	Bifacial / Jinko
Nos. of Photovoltaic Modules / Rating	216210 / 550 Wp, 26220 / 545 Wp
Inverters- Type / Make	String / Sineng
Nos. of Inverter / Rating	28 / 3182 kW
ABT Meter- Make / Serial no.	Secure / GJ 7302 A
Name of Substation.	66 kV Substation, Babarzar
RFID details of SPV Modules	https://srtgeda.gujarat.gov.in/app-docs/rfid_upload_file/ec4d673ef9408b1b9144a41e5a13f06156b

The commissioning of the Ground Mounted Solar PV System has been carried out; the ABT meter has been installed.

For Gujarat Energy Development Agency

(Jatin Desai)

Sr. Project Executive I/c.

To,

✓ M/s. Gujarat State Electricity Corporation Limited,
GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta-Vadodara,
Dist- Vadodara- 390007

Cc to: (1) Chief Engineer (R & C),
Paschim Gujarat Vij Company Limited (PGVCL),
Off. Nana Mava Main Road, Lakminagar,
Rajkot - 360 004

(2) Chief Engineer, State Load Dispatch Centre (SLDC)
GETCO, 132kV Gotri Sub Station Compound,
Opp. Kalpvruk building, Near T.B. Hospital, Gotri Road,
Vadodara - 390 021

સાથે-સાથે, પાશ્ચિમ ગુજરાત વીજ કંપની લિમિટેડ

કચ્છ-૩૬૦૦૦૪, રાજકોટ

૪થા ફ્લોર, બ્લોક નં. ૧૧-૧૨, ઉદ્યોગભવન,
સેક્ટર-૧૧, ગાંધીનગર-૩૬૦૦૧૭, ઇન્ડિયા.

Ph: 079-23257251-53

Fax: +91 79 232-41097, 57255

e-mail: director@geda.org.in

www.geda.gujarat.gov.in



GEDA

ગુજરાત ઊર્જા વિકાસ એજન્સી
GUJARAT ENERGY DEVELOPMENT AGENCY
A Government of Gujarat Organisation

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GEDA/SOL-49/2025/02/OW/ 6712

Date: February 5, 2025

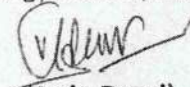
CERTIFICATE OF COMMISSIONING

This is to certify that M/s. Gujarat State Electricity Corporation Limited, GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta-Vadodara, Dist.- Vadodara has installed and commissioned 19090 kW(AC)/ 28900 kW(DC) capacity Solar Power Plant at Survey no.286 of Village- Babarzar, Ta-Lalpur, Dist.-Jamnagar on 08-01-2025 along with the associated equipment as per following details.

GEDA Registration No.	GEDA/PR/GMS/23-24/03/879/627/49
Capacity of Solar Power Project	19090 kW(AC)/ 28900 kW(DC)
SPV Modules- Type / Make	Bifacial / Jinko
Nos. of Photovoltaic Modules / Rating	52560 / 550 Wp
Inverters- Type / Make	Central / Sineng
Nos. of Inverter / Rating	06 / 3182 kW
ABT Meter- Make / Serial no.	Secure / GJ 7302 A
Name of Substation	66 kV Substation, Babarzar
RFID details of SPV Modules	https://srtgeda.gujarat.gov.in/app-docs/rfid_upload_file/ec4d673ef9316b1b9144a41e5a13f06156b

The commissioning of the Ground Mounted Solar PV System has been carried out; the ABT meter has been installed.

For Gujarat Energy Development Agency


(Jatin Desai)

Sr. Project Executive I/c.

To,
M/s. Gujarat State Electricity Corporation Limited,
GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta-Vadodara,
Dist.- Vadodara- 390007

Cc to:(1) Chief Engineer (R & C),
Paschim Gujarat Vij Company Limited (PGVCL),
Off. Nana Mava Main Road, Laxminagar,
Rajkot – 360 004

(2) Chief Engineer, State Load Dispatch Centre (SLDC)
GETCO, 132kV Gotri Sub Station Compound,
Opp. Kalpvruj building, Near T.B. Hospital, Gotri Road,
Vadodara - 390 021

ચોથો માળ, બ્લોક નં. ૧૧ અને ૧૨ ઉદ્યોગભવન
સેક્ટર-૧૧, ગાંધીનગર - ૩૮૨ ૦૧૭.
4th Floor, Block No. 11-12, Udhogybhavan,
Sector-11, Gandhinagar-382017. India.

Ph. : 079-232 57251-53
Fax : +91 79 232-47097, 57255
e-mail : director@geda.org.in
www.geda.gujarat.gov.in



MUKUND & ROHIT

CHARTERED ACCOUNTANTS

To,
The General Manager,
Gujarat State Electricity Corporation Ltd.
Vidyut Bhavan, Race Course,
Vadodara-390007
Gujarat, India

**Certificate on Capital Cost Incurred for 210MW Solar
Photovoltaic Grid Connected Power Project located at
Babarzar, Dist.: Jamnagar**

1. This report is issued in accordance with the terms of your mail dated 07.04.2026.
2. The accompanying details of Capital cost incurred for 210 MW Solar Photovoltaic Grid Connected Power Project located at Babarzar, Dist.: Jamnagar has been prepared by Gujarat State Electricity Corporation Ltd for submission to Gujarat Electricity Regulatory Commission (GERC) for determination of tariff.

Management's Responsibility

3. The accompanying Statement (Annexure), including the creation and maintenance of all accounting and other records supporting its contents, is solely the responsibility of the management of the Company.
4. The Company's Management is also responsible for ensuring that the company complies with all the requirements of cost capitalization.

Our Responsibility

5. It is our responsibility to report on Annexure, based on our examination of the matters in the annexure with reference to unaudited records of the Company for the period ended 31st March 2026.



MUKUND & ROHIT

CHARTERED ACCOUNTANTS

6. We conducted our examination of the Annexure in accordance with the Guidance Note on Reports or Certificates for Special Purposes issued by the Institute of Chartered Accountants of India. The Guidance Note requires that we comply with the ethical requirements of the Code of Ethics issued by the Institute of Chartered Accountants of India.
7. We have complied with the relevant applicable requirements of the Standard on Quality Control (SQC) 1, Quality Control for Firms that Perform Audits and Reviews of Historical Financial Information, and Other Assurance and Related Services Engagements.

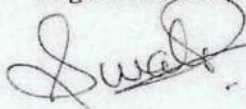
Opinion

8. Based on our examination as above, and the information and explanations given to us, we report that the Annexure is in agreement with the books of account and other records of the Company as produced to us for our examination.

Restriction on Use

9. This report has been issued at the request of the Board of Directors of the Company, for submission to Gujarat Electricity Regulatory Commission (GERC) for determination of tariff. Our report should not be used for any other purpose or by any person other than the addressee of this report. Accordingly, we do not accept or assume any liability or duty of care for any other purpose or to any other person to whom this report is shown or into whose hands it may come save where expressly agreed by our prior consent in writing.

For Mukund & Rohit
Chartered Accountants
Registration No. 113375W



Swati Mehta
Partner

Membership No. 407106
UDIN: 26407106PQYSCU9289



Place : Vadodara
Date : 09.04.2026

MUKUND & ROHIT

CHARTERED ACCOUNTANTS

Annexure

We hereby certify that Gujarat State Electricity Corporation Ltd. located at Vidyut Bhavan, Race Course, Vadodara 390007 has the following capital cost incurred for 210 MW Solar Photovoltaic Grid Connected Power Project located at Babarzar, Dist.: Jamnagar as on 31-03-2026:



		Amount (₹)
Sr No.	Description	Total Capital Cost as on 31-03-2026
1	Property, Plant & Equipment & Intangible Assets	10,64,42,19,243.73
2	Balance Billing	1,47,00,38,352.00
Total		12,11,42,57,595.73

This certificate is issued at the request of the company, after verifying necessary and relevant documents produced.



Annexure - I

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 GUVNL	Gujarat Urja Vikas Nigam Limited		 75 Azadi Ka Amrit Mahotsav
	Sardar Patel Vidyut Bhavan, Race Course, Vadodara: 390 007		
CIN U40109GJ2004SGC045195	An ISO 9001:2015 Certified Company Phone: 0265-2311797, Fax No. 0265-2327483		
REF No.: GUVNL/RE/Solar/Wasteland PPA/ 942		Date: 18/06/2025	

By Hand Delivery:

To,
 The Chief Engineer (P&P),
 Gujarat State Electricity Corporation Limited (GSECL),
 Vidyut Bhavan, Race Course,
 Vadodara – 390 007

Sub.: PPAs dated 16.06.2025 signed between GUVNL & GSECL for procurement of power from Solar PV Projects established by GSECL on the Government Wasteland.

Dear Sir,

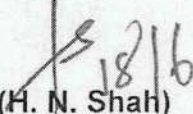
Please find attached herewith the two nos. of PPAs dated 16.06.2025 signed between GUVNL & GSECL for procurement of power from Solar PV Projects established by GSECL on the Government Wasteland in the vicinity of GETCO substations under the Government of Gujarat Scheme.

The details of the PPAs executed are as under:

Sr. No.	Project Location	Contacted Capacity	GETCO s/s detail
1.	Vill. Mora, Ta. Choryasi, Dist. Surat	16 MW	66 KV Mora SS
2.	Vill. Babarzar, Ta. Lalpur, Dist. Jamnagar	210 MW	220 KV Babarzar SS

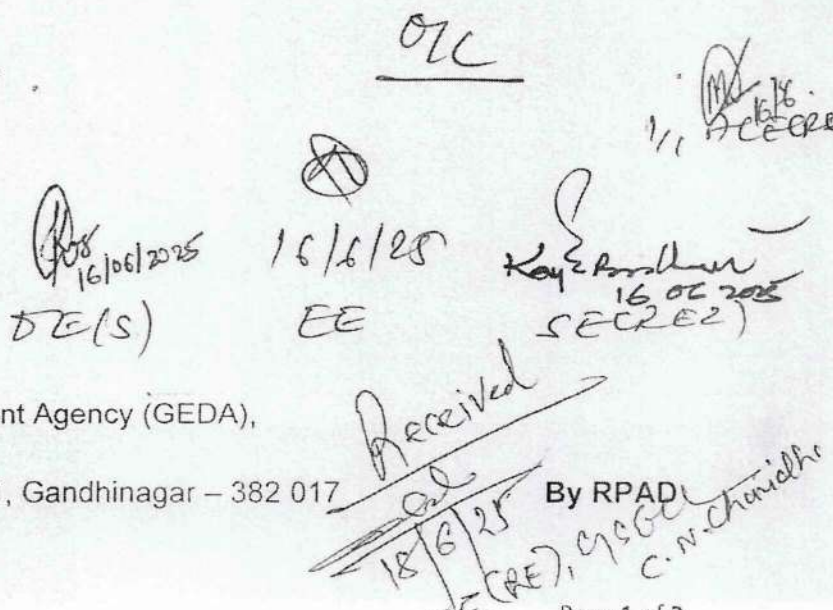
Thanking You,

Yours sincerely,


 (H. N. Shah)
 General Manager (RE)
 GUVNL

CfwCs to:

- The Director,
 Gujarat Energy Development Agency (GEDA),
 4th floor, Block No. 11 & 12
 Udyog Bhavan, Sector – 11, Gandhinagar – 382 017


 Received
 18/6/25
 EE (RE), GSECL
 C. N. Choudhary
 By RPAD
 Page 1 of 2

Copy to:

1. **The Chief Engineer,**
SLDC Gujarat,
220 kV Gotri s/s Compound, Vadodara

By RPAD

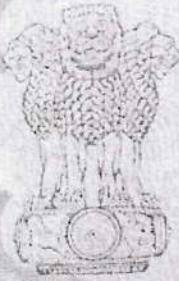
2. **The Chief Engineer (R&C)**
Gujarat Energy Transmission Corporation Limited (GETCO),
Sardar Patel Vidyut Bhavan
Vadodara

By Hand Delivery



IN-GJ69943893165071W

88

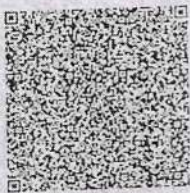


सत्यमेव जयते

INDIA NON JUDICIAL Government of Gujarat Certificate of Stamp Duty

Certificate No.	: IN-GJ69943893165071W
Certificate Issued Date	: 25-Sep-2024 05:57 PM
Account Reference	: IMPACC (SV)/ gj13352504/ BARODA/ GJ-BA
Unique Doc. Reference	: SUBIN-GJGJ1335250455955916084398W
Purchased by	: PARMAR MITULKUMAR
Description of Document	: Article 5(h) Agreement (not otherwise provided for)
Description	: POWER PURCHASE AGREEMENT
Consideration Price (Rs.)	: 0 (Zero)
First Party	: GUJARAT STATE ELECTRICITY CORPORATION LIMITED
Second Party	: GUJARAT URJA VIKAS NIGAM LIMITED
Stamp Duty Paid By	: GUJARAT STATE ELECTRICITY CORPORATION LIMITED
Stamp Duty Amount(Rs.)	: 300 (Three Hundred only)

This stamp paper is the integral part of the PPA dated 16.06.2025 signed between GUVNL and GSECL for procurement of 210 MW Power from the Solar PV Project located at Vill. Babarzar, Ta. Lalpur, Dist. Jamnagar developed on Government wasteland in the vicinity of existing GETCO Substation under the GoG Scheme.



0016503607

SHCIL



NOTICE



- The contents of this e-stamp certificate can be verified at www.shcilestamp.com, Stock Holding mobile application "EStamping" or at Stock Holding Branch/ Centre (the details of which are available at www.stockholding.com).
- Any alteration to this certificate renders it invalid and would constitute a criminal offence.
- Kindly contact Stock Holding Branch / Centre in case of discrepancy.
- For information related to e-Stamping you may write to us on our email id estamp.ahmedabad@stockholding.com or visit our Branch/Centre.

સૂચના

- આ ઈ-સ્ટેમ્પ પ્રમાણપત્રની વિગતો www.shcilestamp.com દ્વારા અથવા સ્ટોક હોલ્ડિંગની "ઈસ્ટેમ્પિંગ" મોબાઈલ એપ્લિકેશન અથવા સ્ટોક હોલ્ડિંગની શાખા / કેન્દ્ર (જેની વિગતો www.stockholding.com પર ઉપલબ્ધ છે) પર જઈ ને ચકાસી શકાય છે.
- આ પ્રમાણપત્રમાં કચેલ કોઈપણ ફેરફાર અમાન્ય છે અને તે ફોજદારી ગુનો બને છે.
- આ ઈ-સ્ટેમ્પ પ્રમાણપત્રમાં કોઈપણ વિસંગતતા જણાય તો સ્ટોક હોલ્ડિંગની શાખા / કેન્દ્ર પર સંપર્ક કરવો.
- ઈ-સ્ટેમ્પિંગ સંબંધિત જાણકારી માટે અમને estamp.ahmedabad@stockholding.com પર ઈ-મેઈલ કરવો અથવા અમારી શાખા / કેન્દ્ર ની મુલાકાત લેવી.





GUJARAT URJA VIKAS NIGAM LTD.

Power Purchase Agreement (PPA)

FOR PROCUREMENT OF POWER FROM THE SOLAR PV PROJECTS TO BE SET-UP / ALREADY COMMISSIONED BY GSECL ON THE GOVERNMENT WASTELAND IN THE VICINITY OF GETCO SUBSTATIONS UNDER THE GOVERNMENT OF GUJARAT SCHEME



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This Power Purchase Agreement is made and entered into at Vadodara on this 16th day of June 2025 between **Gujarat State Electricity Corporation Limited** incorporated under Companies Act, 1956 having its registered Office at Vidyut Bhavan, Race Course Vadodara - 390 007 (hereinafter referred to as "**GSECL**" or "**Power Producer**", which expression shall, unless repugnant to the context or meaning thereof, include its successors and assignees) as party of first part.

AND

Gujarat Urja Vikas Nigam Limited incorporated under the Companies Act 1956 having its Registered office at Sardar Patel Vidyut Bhavan, Race Course, Vadodara - 390 007, (hereinafter referred to individually, as "**GUVNL**" or "**Power Procurer**", which expression shall, unless repugnant to the context or meaning thereof, include its successors and assignees) as party of the second part.

WHEREAS Govt. of Gujarat vide G.R. No. REN/e-file/20/2023/0476/B1 dated 04.10.2023 has notified the Gujarat Renewable Energy Policy 2023 which shall remain operational for the period upto 30.09.2028.

AND, WHEREAS the Gujarat Renewable Energy Policy 2023 stipulates that the obligated entities may purchase solar power to fulfil their RPO at the tariff determined through competitive bidding process.

WHEREAS Revenue Department, Govt. of Gujarat vide Resolution G.R. No. SLR-3919-259-A.1 dated 07.03.2019 has notified the "Scheme for allotment of government wasteland in the vicinity of existing sub-stations of GETCO for development of Solar Power Projects."

AND, WHEREAS Energy & Petrochemicals Department, Govt. of Gujarat vide GR No. SLR-11-2019-675-B1 dated 16.08.2019 has resolved that Gujarat State Electricity Corporation Limited shall develop 2500 MW solar power projects in the above Scheme at an estimated cost of Rs.4 Cr / MW and granted administrative approval of 50% capital grant by the State Government.

AND, WHEREAS, the Power Procurer vide letter dated 20.06.2020 had accorded "In-Principle" Approval to the Power Producer for procurement of power from 2500 MW solar power projects to be developed on government wasteland in vicinity of existing GETCO sub-stations.

AND, WHEREAS the Power Producer desires to set-up such Solar Energy based Power Plant of MW capacity at the location details specified as per Schedule 3 using new Solar Photovoltaic Grid Interactive power plants.

AND, WHEREAS, the Power Producer has taken responsibility to set up requisite power injection system into Gujarat Energy Transmission Corporation Ltd. (GETCO) Grid.



AND, WHEREAS the GUVNL agrees to purchase such power with DISCOM wise share to be decided from time to time for fulfillment of their RPO.

AND, WHEREAS, the Parties hereby agree to execute this Power Purchase Agreement setting out the Terms & Conditions for sale of power by Power Producer to GUVNL.

NOW THEREFORE IN VIEW OF THE FOREGOING PREMISES AND IN CONSIDERATION OF THE MUTUAL COVENANTS AND CONDITIONS HEREINAFTER SET FORTH, GUVNL AND THE POWER PRODUCER, EACH TOGETHER WITH THEIR RESPECTIVE SUCCESSORS AND PERMITTED ASSIGNS, A PARTY AND COLLECTIVELY THE PARTIES, HEREBY AGREE AS FOLLOWS



ARTICLE 1: Definitions

1.1 For all purposes of this Agreement, the following words and expressions shall have the respective meanings set forth below:

"Agreement" shall mean this Power Purchase Agreement executed hereof, including the schedules hereto, amendments, modifications and supplements made in writing by the Parties from time to time.

"Approvals" means the permits, clearances, licenses and consents as are listed in Schedule 2 hereto and any other statutory approvals.

"Base rate of Late Payment Surcharge" means the marginal cost of funds based lending rate for one year of the State Bank of India, as applicable on the 1st April of the financial year in which the period lies, plus five percent and in the absence of marginal cost of funds based lending rate, any other arrangement that substitutes it, which the Central Government may, by notification, in the Official Gazette, specify. Provided that if the period of default lies in two or more financial years, the base rate of Late Payment Surcharge shall be calculated separately for the periods falling in different years.

"Billing Period" means (subject to Article 6.1 of the Agreement) the calendar month ending with the Metering Date. The first Billing Period shall commence from the Commercial Operation Date and end with the Metering Date corresponding to the month in which the Commercial Operation Date occurs.

"Billing Date" shall be the first Business Day after the Metering Date of each Billing Period.

"Business Day" shall mean a Day other than Sunday or a statutory holiday on which banks remain open for business in Vadodara.

"Change in Law" shall have the meaning ascribed thereto in Article 9 of this Agreement.

"Commissioning" with respect to the project or part thereof as certified by GEDA shall mean when all equipment as per rated capacity has been installed, energized and energy generated from such equipment i.e. inverter, modules, etc. be observed and recorded by the representative of GEDA specifying the details of solar modules RFID No., make Serial No., capacity, etc." and energy has flown into the grid.

"Commercial Operation Date (COD)" shall be the date certified by GEDA upon successful commissioning of the full capacity of the Project or the last part capacity of the Project as the case may be.

"CERC" means Central Electricity Regulatory Commission.

"Competent Court" means the Supreme Court of India or any High Court, or any tribunal or any similar judicial or quasi-judicial body that has jurisdiction in relation to issues relating to the Project.

"Contracted Capacity" shall mean 210 MW AC contracted with GUVNL for supply by the Power Producer at the Delivery Point from the Solar Power Project. It is to clarify that in any 15 minute time block during the entire term of PPA, the injected power shall not exceed the Contracted AC Capacity.

"Contracted CUF" shall mean the % capacity utilization factor of the project mentioned in Schedule 3 of the PPA and which shall be allowed to be modified until 1 year from Commercial Operation Date and thereafter it shall remain unchanged for the balance term of the PPA.



"Contract Year" shall mean, with respect to the initial Contract Year, the period beginning on the Commercial Operation Date and ending at 12.00 midnight on 31st March of that Fiscal Year i.e. a period of twelve months commencing on April 1 and ending on following March 31. Each successive Contract Year shall coincide with the succeeding Fiscal Year, except that the final Contract Year shall end on the date of expiry of the Term or on Termination of this Agreement whichever is earlier.

"Debt Due" shall be as defined at Article 10.3.2

"Delivery Point / Interconnection Point" shall be the point or points of connection at which Electricity is delivered into the Grid System of the GETCO.

All expenses including wheeling charges and losses between the Project and the Delivery Point shall be paid by the Power Producer without any reimbursement by GUVNL. All expenses including wheeling charges and losses in relation to the transmission and distribution beyond the Delivery Point shall be borne by GUVNL.

"Delivered Energy" means the kilowatt hours of Electricity actually fed and measured by the energy meters at the Delivery Point and as certified by Gujarat SLDC. In case of net import of energy during a month, the Power Producer shall be required to make payment to GUVNL at the rate of HT Temporary Tariff as determined by GERC from time to time. In case of net export of energy during a month, the Power Producer shall be eligible for the receiving agreed tariff from GUVNL for such net delivered energy.

"Discom(s)" means one or more of the following distribution companies:

- a) Madhya Gujarat Vij Company Limited
- b) Dakshin Gujarat Vij Company Limited
- c) Uttar Gujarat Vij Company Limited and
- d) Pashim Gujarat Vij Company Limited

"Due Date of Payment" in respect of a Tariff Invoice means the date, which is 30 (thirty) days from the date of receipt of such invoices by the designated official of the GUVNL.

"Electricity" shall mean the electrical energy in kWh (kilowatt-hours).

"Electricity Laws" shall mean the Electricity Act, 2003 and the relevant Rules, Notifications, and amendments issued there under and all other Laws in effect from time to time and applicable to the development, financing, construction, ownership, operation or maintenance or regulation of electric generating companies and Utilities in India, the rules, regulations and amendments issued by the GERC / CERC from time to time.

"Emergency" means a condition or situation of physical damage to GETCO's / DISCOM's electrical system including the Grid System, which threatens the safe and reliable operation of such system or which is likely to result in disruption of safe, adequate and continuous electric supply by GETCO or DISCOM Grid System or could endanger life or property.

"Expiry Date" shall mean the date occurring after twenty five (25) years from the Scheduled Commercial Operation Date of the project.

"Financing Documents" mean the agreements and documents (including asset leasing arrangements) entered/to be entered into between the Power Producer and the Financing Parties relating to the financing of the Project.



"**Financial Closure**" shall mean arrangement of necessary funds by the Power Producer either by way of commitment of funds by the Company from its internal resources and / or tie up of funds through a bank / financial institution by way of sanction of a loan or letter agreeing to finance. At this stage, Power Producer shall ensure submission of documents / certificates evidencing the tie up of project cost through internal resources and /or through external Financing Agency.

"**Financing Parties**" shall mean the parties financing the Project, pursuant to the Financing Documents.

"**Force Majeure Event**" shall have the meaning set forth in Article 8.

"**GERC**" means the Gujarat Electricity Regulatory Commission.

"**Gol**" shall mean the Government of the Republic of India and any agency, legislative body, department, political subdivision, authority or instrumentality thereof.

"**GoG**" shall mean the Government of the State of Gujarat and any agency, legislative body, department, political subdivision, authority or instrumentality thereof.

"**Government Instrumentality**" shall mean the Gol, the GoG and their ministries, inspectorate, departments, agencies, bodies, authorities, legislative bodies.

"**Grid System**" shall mean STU/ Discom's power transmission system/ distribution system through which, Delivered Energy is evacuated and distributed.

"**Interconnection Facilities**" in respect of the Power Producer shall mean all the facilities installed by the Power Producer to enable GUVNL to receive the Delivered Energy from the Project at the Delivery Point, including transformers, and associated equipment, relay and switching equipment, protective devices and safety equipment and transmission lines from the project to GETCO's nearest sub-station.

"**Installed Capacity**" shall mean the capacity of the Project at the generating terminal(s) and, provided that necessary evacuation consent shall have to be arranged from GETCO.

"**KV**" shall mean Kilovolts.

"**kWh**" shall mean Kilowatt-hour.

"**Law**" shall mean any valid legislation, statute, rule, regulation, notification, directive or order, issued or promulgated by any Governmental Instrumentality.

"**Metering Date**" for a Billing Period, means the midnight of the last Day of the calendar month.

"**Metering Point**" shall mean the point at which energy shall be measured and supplied to GUVNL and shall be the interconnecting bus bar of the GETCO substation.

"**Monthly Charge**" shall have the meaning set forth in Article 5.

"**MW**" means Megawatts.

"**Must Run Status**" shall mean that Project shall not be directed by the GUVNL to shut down or back down due to variations in the generation/consumption patterns or any commercial parameters, merit order dispatches or existence/apprehension of any other charges or levies related to dispatch or incidental thereto except Force Majeure Events and emergency.

"**O & M Default**" shall mean any default on the part of the Power Producer for a continuous period of ninety (90) days to (i) operate and/or (ii) maintain (in accordance with Prudent Utility Practices), the Project at all times.



"Part Commissioning" shall mean the Solar PV Capacity (AC MW) to be commissioned as per provisions of the Part Commissioning in this Agreement.

"Project" shall mean a Solar Photovoltaic Grid Interactive Power Station to be established by the Power Producer at the location details specified as per Schedule 3 comprising of number of units at single/multiple locations, aggregating to contracted capacity of MW and shall include land, buildings, plant, machinery, ancillary equipment, material, switch-gear, transformers, protection equipment and the like necessary to deliver the Electricity generated by the Project to GUVNL at the Delivery Point.

"Project Site" means any and all parcels of real property, rights of way, easements and access roads located at the location details specified as per Schedule 3, upon which the Project and its related infrastructure will be located as described in Schedule 1 hereto.

"Prudent Utility Practices" shall mean those practices, methods, techniques and standards, that are generally accepted for use in electric utility industries taking into account conditions in India, and commonly used in prudent electric utility engineering and operations to design, engineer, construct, test, operate and maintain equipment lawfully, safely, efficiently and economically as applicable to power stations of the size, service and type of the Project, and that generally conform to the manufacturers' operation and maintenance guidelines.

"Reference Exchange rate" shall mean, in respect of any one currency that is to be converted into another currency in accordance with the provisions of this agreement, the buying rate of such currency as of 12:00 noon on the relevant date notified by the State Bank of India, and in absence of such rate, the average of similar rates notified by Bank of India and Bank of Baroda.

"SBI 1 Year MCLR Rate" means 1 year Marginal Cost of Funds Based Lending Rate (MCLR) fixed by State Bank of India (SBI) / any replacement thereof by SBI for the time being in effect applicable for 1 year period, as on 1st April of the respective financial year in accordance with regulations and guidelines of Reserve Bank of India. In absence of such rate, any other arrangement that substitutes such rate as mutually agreed to by the Parties.

'SCOD or Scheduled Commercial Operation Date' shall mean as under:

- SCOD of the already commissioned plants will be the "date of actual commissioning of plant" as certified by GEDA.
- For plants which are yet to be commissioned, SCOD shall mean the date as to be declared by the GSECL in the PPA on or before which the Solar Project of the developer shall be commissioned and such date shall not exceed 18 months from the date of execution of the PPA.
- In case of partly commissioned projects, the definition of the SCOD shall be 18 months from the date of execution of the PPA. However, purchase of power from the part capacity, which is already commissioned at the time of signing of PPA, shall be from the date of actual commissioning of the project certified by GEDA.

"SEA" means the State Energy Account issued by State Load Dispatch Centre, Gujarat and amendment thereto.

"SLDC" means the State load dispatch center as notified by the State Government.

"STU or State Transmission Utility" shall mean the Gujarat Energy Transmission Company Limited (GETCO).



"**Tariff**" shall have the meaning that the tariff determined by the Commission on the Petition filed by the Respondent GSECL for project specific and tariff determined in such Petition by the Commission and the same set forth in Article 5 of the PPA.

"**Tariff Invoices**" shall have the meaning set forth in Article 6.

"**Technical Limits**" means the limits and constraints described in Schedule 1, relating to the operations, maintenance and dispatch of the Project.

"**Term**" means the term of the Agreement as defined in Article 10.1.

"**Voltage of Delivery**" means the voltage at which the Electricity generated by the Project is required to be delivered to the GUVNL which shall be 66 kV or above.

1.2 Interpretation:

- a) This PPA shall be subject to approval / adoption of tariff by the GERC.
- b) This agreement shall be governed by the "Scheme for allotment of government wasteland in the vicinity of existing sub-stations of GETCO for development of Solar Power Projects" notified by Govt. of Gujarat vide Resolution G.R. No. SLR-3919-259-A.1 dated 07.03.2019 and shall be subject to approval by GERC. Unless otherwise stated, all references made in this Agreement to "Articles" and "Schedules" shall refer, respectively, to Articles of, and Schedules to, this Agreement. The Schedules to this Agreement form part of this Agreement and will be in full force and effect as though they were expressly set out in the body of this Agreement.
- c) In this Agreement, unless the context otherwise requires (i) the singular shall include plural and vice versa; (ii) words denoting persons shall include partnerships, firms, companies and Discom (iii) the words "include" and "including" are to be construed without limitation and (iv) a reference to any Party includes that Party's successors and permitted assigns.



ARTICLE 2: Licences, Permits

The Power Producer, at its sole cost and expense, shall acquire and maintain in effect all clearances, consents, permits, licenses and approvals required from time to time by all regulatory / statutory competent authority (ies) in order to enable it to perform its obligations under the Agreement. GUVNL will render all reasonable assistance to the Power Producer to enable the latter to obtain such clearances without any legal obligation on part of GUVNL.

Provided, however, non-rendering or partial rendering of assistance shall not in any way absolve the Power Producer of its obligations to obtain such clearances. Nor shall it mean to confer any right or indicate any intention to waive the need to obtain such clearances.



ARTICLE 3: Obligations

3.1 Obligations of the Power Producer:

- i) The Power Producer shall obtain all requisite statutory approvals, clearances and permits necessary for the Project at his cost including but not limited to the Approvals as listed in Schedule 2.
- ii) The Power Producer shall obtain financial closure within twelve (12) months from date of execution of PPA.

The Power Producer will have to submit the required documents to GUVNL at least 14 days prior to the scheduled Financial Closure date. In case of delay in submission of documents mentioned above, GUVNL shall not be liable for delay in verification of documents and subsequent delay in Financial Closure.

An extension for the attainment of the financial closure can however be considered by GUVNL, on the sole request of the Power Producer, on advance payment of extension charges of Rs.1000/- per day per MW plus GST @ 18%.

In case of any delay in depositing this extension charge, the Power Producer has to pay an interest on this extension charge for the days lapsed beyond due date of Financial Closure @ SBI MCLR (1 Year).

This extension will not have any impact on the SCOD. Any extension charges paid so, shall be returned to the Power Producer without any interest on achievement of successful commissioning within the SCOD on pro-rata basis, based on the Project Capacity commissioned on SCOD. However, in case of any delay in commissioning of the project beyond the Scheduled Commissioning Date, the amount as deposited above by the Power Producer shall not be refunded by GUVNL.

- iii) The Power Producer shall construct, operate and maintain the Project during the term of PPA at his cost and risk including the required Interconnection Facilities and in close co-ordination with GETCO's feasibility.
- iv) The Power Producer shall sell all available capacity from identified Solar Photovoltaic Grid-Interactive Power Plants to the extent of contracted capacity on first priority basis to GUVNL and not to sell to any third party.

- a. **Criteria for Generation:** The Power Producer shall maintain generation so as to achieve annual CUF within + 10% and -15% of the contracted CUF till the end of 10 years from COD, subject to the annual CUF remaining minimum of 15%, and within +10% and -20% of the contracted annual CUF thereafter till the end of the PPA duration of 25 years. The lower limit will, however, be relaxable by GUVNL to the extent of non-availability of grid for evacuation which is beyond the control of the Power Producer. The annual CUF will be calculated every year from 1st April of the year to 31st March next year.
- b. **Shortfall in Generation:** In case the project generates and supplies energy less than the energy corresponding to the minimum CUF (Calculation of CUF will be on yearly basis), the Power Producer will be liable to compensate GUVNL for the shortfall in availability below such contracted CUF level at 25% of the PPA Tariff. This will,



however, be relaxable by GUVNL to the extent of grid non-availability for evacuation (beyond the Delivery Point) which is beyond the control of the Power Producer. This compensation shall be applied to the amount of shortfall in generation during the Contract Year.

- c. However, this compensation shall not be applicable in events of Force Majeure identified under the PPA with GUVNL, affecting supply of solar power by the Power Producer.
- d. **Excess Generation:** In case the availability is more than the maximum CUF specified, the Power Producer will be free to sell it to any other entity provided first right of refusal will vest with GUVNL. In case of excess generation, GUVNL shall reserve the right to purchase the excess generation at 75% (seventy-five per cent), of the PPA tariff.
- v) The Power Producer shall seek approval of GETCO in respect of Interconnection Facilities.
- vi) The Power Producer shall undertake at its own cost construction/ up gradation of (a) the Interconnection Facilities, (b) the Transmission Lines and as per the specifications and requirements of GETCO, as notified to the Power Producer at schedule 1(5).
- vii) The Power Producer shall undertake at its own cost maintenance of the Interconnection Facilities, excluding the transmission line beyond the Sending Station as per the specifications and requirements of GETCO, as notified to the Power Producer, in accordance with Prudent Utility Practices.
- viii) The Power Producer shall operate and maintain the Project in accordance with Prudent Utility Practices.
- ix) The Power Producer shall be responsible for all payments on account of any taxes, cesses, duties or levies imposed by the GoG or its competent statutory authority on the land, equipment, material or works of the Project or on the Electricity generated or consumed by the Project or by itself or on the income or assets owned by it. All expenses including wheeling / transmission charges and losses, UI / DSM Charges applicable as per GERC Regulations, upto Delivery Point shall be paid by the Power Producer without any reimbursement by GUVNL.
- x) For evacuation facility and maintenance of the transmission, the Power Producer shall enter into separate agreement with GETCO, if applicable.
- xi) To procure start up power required for the plant from respective Discom.
- xii) The shareholding of promoters/consortium members of Power Producer shall not fall below 51% until one (1) year from COD, without prior consent of GUVNL. In case Power Producer shall be itself executing the PPA, then it shall ensure that its promoters shall not cede Control till one (1) year from COD except with prior approval of GUVNL. After expiry of one (1) year from COD, any change can be undertaken under intimation to GUVNL. Transfer of controlling shareholding within the same group of companies will however be allowed after COD, with the permission of GUVNL, subject to the condition that, the management control remains within the same group of companies
- xiii) Fulfilling all other obligations undertaken by him under this Agreement.



3.2 Obligations of GUVNL:

- (i) GUVNL shall grant Must Run Status to the Project. However, subject to the considerations as stated under clauses 3.4, 3.5 and 3.6 of the PPA.
- (ii) GUVNL shall allow the Power Producer to re-power their plants "to maintain capacity of the plant upto the capacity certified in the SCOD certificate" from time to time during the PPA duration. However, GUVNL will be obliged to buy power only within the range of CUF, specified in the PPA.

3.3 Liquidated Damages for Delay in Commissioning the Project / Solar Photovoltaic Grid Interactive Power Plant Beyond Scheduled Commercial Operation Date

The Project shall be commissioned within Scheduled Commercial Operation Date. The Power Producer shall have to submit Commissioning Certificate as verified, inspected and certified by GEDA. In case of failure to achieve this milestone except due to Force Majeure Event, GUVNL shall recover Liquidated Damages of Rs.8,00,000/- per MW from the energy invoices of GSECL, in the following manner:

- a) Delay upto six (6) months from SCOD — GUVNL shall recover Liquidated Damages from the energy invoices of GSECL on per day basis and proportionate to the balance capacity not commissioned.
- b) In case the commissioning of the project is delayed beyond Six (6) months from SCOD, the Power Producer's Event of Default as per Article 10.2.1 shall be considered to have occurred and the contracted capacity shall stand reduced to the projected capacity commissioned upto SCOD + 6 months. The PPA for balance capacity not commissioned shall be terminated.

The power producer further acknowledges that the amount of the liquidated damages fixed is genuine and reasonable pre-estimate of the damages that may be suffered by GUVNL as specified under this Agreement.

3.4 Generation Compensation in Offtake Constraint Due to Transmission Infrastructure Not Complete/ Ready Beyond Delivery Point (Transmission Constraint)

After the scheduled commissioning date, if the plant is ready but the necessary power evacuation/ transmission infrastructure beyond Delivery Point is not ready, for reasons not attributable to the Power Producer, leading to offtake constraint, the provision for generation compensation is as follows:

Transmission Constraint beyond Delivery Point	Provision for Generation Compensation
If the plant is ready but the necessary power evacuation/ transmission infrastructure beyond Delivery Point is not ready, leading to offtake constraint	a) The normative CUF of 19% (nineteen per cent) or committed CUF, whichever is lower, for the period of grid unavailability beyond Delivery Point, shall be taken for the purpose of calculation of generation loss. Corresponding to this generation loss, the excess generation by the Power



	<p>Producer in the succeeding 3 (three) Contract Years, shall be procured by GUVNL at the PPA tariff so as to offset this loss.</p> <p>b) If the transmission delay is directly attributable to the organization building the transmission network and some penalty is imposed on him, then a part of that penalty may be utilized by GUVNL for compensating the generation loss.</p>
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However, it is clarified that if the plant is ready before SCOD, but the offtake is constrained because of inadequate/ incomplete power evacuation infrastructure beyond Delivery Point, no compensation shall be permissible.

3.5 Generation Compensation in Offtake Constraints Due to Grid Unavailability Beyond Delivery Point

During the operation of the plant, there can be some periods where the plant can generate power but due to temporary transmission unavailability beyond Delivery Point the power is not evacuated, for reasons not attributable to the Power Producer. In such cases the generation compensation shall be addressed by GUVNL in following manner:

Duration of Grid Unavailability beyond Delivery Point	Provision for Generation Compensation
Grid unavailability beyond Delivery Point in a contract year as defined in the PPA: (only period from 8 am to 6 pm to be counted):	<p>Generation Loss = [(Average Generation per hour during the contract year) x (number of hours of grid unavailability beyond Delivery Point during the contract year)]</p> <p>Where, Average Generation per hour during the contract year (kWh) = Total generation in the contract year (kWh) / Total hours of generation in the contract year</p> <p>The excess generation by the Power Producer equal to this generation loss shall be procured by GUVNL at the PPA tariff so as to offset this loss in the succeeding 3 (three) Contract Years.</p>

3.6 Offtake Constraints Due to Backdown

- a) The solar generator and procurer shall follow the forecasting and scheduling process as per the regulations in this regard by the GERC. The Government of India, as per Clause 5.2(u) of the Indian Electricity Grid Code (IEGC), encourages a status of "must-run" to solar power projects. Accordingly, no solar power plant, duly commissioned, should be directed to back down by a Discom/ Load Dispatch Centre (LDC), In case such eventuality of Backdown



arises, including non-dispatch of power due to non-compliance with "Order No. 23/22/2019-R&R dated 28.06.2019 of Ministry of Power regarding Opening and maintaining of adequate Letter of Credit (LC) as Payment Security Mechanism under Power Purchase Agreements by Distribution Licensees" and any clarifications or amendment thereto, except for the cases where the Backdown is on account of events like consideration of grid security or safety of any equipment or personnel or other such conditions, the Power Producer shall be eligible for a Minimum Generation Compensation, from GUVNL, in the manner detailed below.

Duration of back down	Provision for generation compensation
Hours of Backdown during a monthly billing cycle.	<p>Minimum Generation Compensation = 50% of [(Average Generation per hour during the month) × (number of backdown hours during the month) × PPA Tariff]</p> <p>Where, Average Generation per hour during the month (kWh) = Total generation in the month (kWh) ÷ Total hours of generation in the month.</p>

The Generation Compensation is to be paid as part of the energy bill for the successive month after receipt of State Energy Accounts (SEA). No Trading Margin shall be applicable on this Generation Compensation. Possible conditions for exclusion of Generation Compensation, on account of Backdown purposes, shall be clearly specified in the RfS and the PPA.



ARTICLE 4: Synchronisation, Commissioning and Commercial Operation

4.1 Synchronization, Commissioning and Commercial Operation

- 4.1.1 The Power Producer shall give at least thirty (30) days written notice to the SLDC and GUVNL, of the date on which it intends to synchronize the Power Project to the Grid System.
- 4.1.2 Subject to Article 4.1.1, the Power Project may be synchronized by the Power Producer to the Grid System when it meets all the connection conditions prescribed in the Grid Code and otherwise meets all other Indian legal requirements for synchronization to the Grid System.
- 4.1.3 The synchronization equipment and all necessary arrangements / equipment including Remote Terminal Unit (RTU) for scheduling of power generated from the Project and transmission of data to the concerned authority as per applicable regulation shall be installed by the Power Producer at its generation facility of the Power Project at its own cost. The Power Producer shall synchronize its system with the Grid System only after the approval of GETCO, SLDC and GEDA.
- 4.1.4 The Power Producer shall immediately after each synchronization / tripping of generator, inform the sub-station/SLDC of the Grid System to which the Power Project is electrically connected in accordance with applicable Grid Code.
- 4.1.5 The Power Producer shall commission the Project within SCOD. Further, the Power Producer shall submit necessary documents / Lease Agreement duly registered, to establish possession / right to use 100% of the required land in the name of Power Producer for a period not less than the complete term of PPA on or before SCOD along with arrangement with GETCO for 'Connectivity of project A sworn affidavit from the: authorized person listing the details of the land and certifying total land required for the project under clear possession of the Power Producer shall also be submitted.
- 4.1.6 The Power Producer shall be required to obtain Developer and/ or Transfer Permission, Key Plan drawing etc. from GEDA prior to mounting of panels and submit the same to GUVNL prior to actual commissioning of the project / unit. Further, at this stage, the technology adopted as per Annexure A of RfS or in accordance with MNRE's Approved Models and Manufacturers of Solar PV Modules (Requirements for Compulsory Registration) Order, 2019 as amended from time to time, whichever is applicable shall also be substantiated by submitting the copy of EPC Contract specifying this requirement or other documents.
- 4.1.7 **Part Commissioning:** Part commissioning of the Project shall be accepted by GUVNL, without prejudice to the imposition of penalty, in terms of the PPA on the part which is not commissioned. However, the SCOD (Schedule Commercial Operation Date) will not get altered due to part-commissioning. Irrespective of dates of part commissioning or full commissioning, the PPA will remain in force for a period of 25 (twenty-five) years from the SCOD.
- 4.1.8 **Early Commissioning:** The However Producer shall be permitted for full commissioning as well as part commissioning of the Project even prior to the SCOD (Schedule Commissioning Operation Date). In cases of early part-commissioning, till SCOD, GUVNL shall reserve the right to purchase the generation till SCOD, at 75% (seventy-five percent) of



the PPA tariff. However, in case the entire capacity is commissioned prior to SCOD, GUVNL may purchase the generation at PPA Tariff.

4.1.9 Deleted.

4.2 Right to recover the Liquidated Damages.

4.2.1 If the Power Producer fails to commission the project on or before Scheduled Commercial Operation Date, GUVNL shall have the right to recover the Liquidated Damages as per Article 3.3 from the energy invoices of the GSECL without prejudice to the other rights of the Power Producer under this Agreement as per Article 3.3.

4.3 Dispatch and Scheduling

4.3.1 The Power Producer shall be required to schedule its power as per the applicable Regulations / Requirements / Guidelines of CERC/ GERC / SLDC / RLDC and maintain compliance to the Grid Code requirements and directions, as specified by SLDC / RLDC from time to time. Any deviation from the schedule will attract the provisions of applicable Regulation / Guidelines / Directions and any financial implication on account of this shall be to the account of the Power Producer.



ARTICLE 5: Rates and Charges

5.1 GUVNL shall pay for the Delivered Energy as certified in the SEA by Gujarat SLDC, for the Term of this Agreement from the SCOD, to the Power Producer every month. The Tariff payable by GUVNL for energy purchased shall be as below.

5.2 GUVNL shall pay a fixed tariff as determined by the Commission in tariff Petition filed by GSECL for determination of project specific tariff and the tariff determined by the Commission on such Petition and as agreed by the Parties upon commissioning of Project or part thereof (as certified by GEDA) from SCOD for the delivered energy as certified in SEA published by Gujarat SLDC during the period of 25 years life of the Project.

The determination of tariff would be by considering the 50% capital grant as per EPD, GOG GR No. SLR-11-2019-675-B1 dtd. 16.08.2019.

5.3 For each KVARH drawn from the grid, the Power Producer shall pay at the ratedetermined by GERC to GETCO from time to time.

5.4 In cases of early part-commissioning of the project prior to SCOD, GUVNL shall reserve the right to purchase the generation at 75% (seventy-five per cent) of the PPA tariff till SCOD. However, in case the entire capacity is commissioned prior to SCOD, GUVNL may purchase the generation at PPA Tariff.

5.5 In case of delay in commissioning of the Project or part thereof beyond SCOD, the provisions as per Article 3.3 shall be applicable.

5.6 In the event of Change in Shareholding/ Substitution of Promoters triggered by the Financial Institutions leading to signing of fresh PPA with a New Entity, an amount of Rs. 10 Lakh per Project per Transaction Plus GST @18% as Facilitation Fee (non-refundable) shall be deposited by the developer to GUVNL.

5.7 The Intra-State ABT is already implemented in the State, energy certified by SLDC in the SEA shall be considered for monthly energy bill. The other provisions of Intra-State ABT and Open Access and Other Regulations of GERC and amendments thereto from time to time shall be applicable.



ARTICLE 6: Billing and Payment

6.1 Billing Provision

The Billing will be on monthly basis. GUVNL will be billed by the Power Producer based on as certified by SEA of Gujarat SLDC following the end of each month for the energy supplied and payment will be due on the thirtieth (30th) day following the delivery of the billing invoice.

6.2 Payment

GUVNL shall make payment of the amounts due in Indian Rupees within thirty (30) days from the date of receipt of the Tariff Invoice by the designated office of the GUVNL.

6.3 Late Payment

1. Late Payment Surcharge shall be payable on the payment outstanding after the due date at the Base rate of Late Payment Surcharge applicable for the period for the first month of default.
2. The rate of Late Payment Surcharge for the successive months of default shall increase by 0.5 percent for every month of delay provided that the Late Payment Surcharge shall not be more than 3 percent higher than the base rate at any time.
3. Provided further that all payments shall be first adjusted towards Late Payment Surcharge and thereafter, towards monthly charges, starting from the longest overdue bill.
4. The parties acknowledge and accept that the Electricity (Late Payment Surcharge and related matters) Rules, 2022 as amended or modified from time to time notified by the Central Government in exercise of the power conferred by Sub-section (1) of Section 176 of the Electricity Act, 2003 shall apply and govern the terms and conditions of this Agreement in regard to matters contained in the said Rules. The Rules referred to hereinabove being statutory shall, to the extent applicable, supersede any provisions in this Agreement which are inconsistent or contrary to the provisions of the Rules.

6.4 Rebate

For payment of Monthly Bill by GUVNL, if paid before Due Date of Payment, a Rebate shall be deducted by GUVNL at the rate of seven (7) percent in excess of the applicable SBI 1 year Marginal Cost of Funds Based Lending Rate (MCLR) per annum / any replacement thereof by SBI, on the amount paid before due date, calculated on a week or part thereof basis viz.

$$= \frac{(\text{SBI MCLR rate} + 7\%)}{52} \text{ per week or part thereof.}$$



6.5 Payment Security

GUVNL shall provide an Irrevocable and unconditional revolving Letter of credit in favour of, and for the sole benefit of the Power Producer for the contracted capacity .all the cost incurred by GUVNL for opening, maintenance and other cost related to establishment of Letter of Credit shall be borne by the Power Producer.

- 1) The Letter of Credit shall be established in favour of, and issued to, the Power Producer on the date hereof and made operational thirty (30) days prior to due date of first invoice and shall be maintained consistent herewith by GUVNL and all times during the Term of the Agreement.
- 2) Such Letter of Credit shall be in form and substance acceptable to both the Parties and shall be issued by any Scheduled Bank and be provided on the basis that:
 - (i) In the event a Tariff Invoice or any other amount due and undisputed amount payable by GUVNL pursuant to the terms of this Agreement is not paid in full by GUVNL as and when due, the Letter of Credit may be called by the Power Producer for payment of undisputed amount.
 - (ii) The amount of the Letter of Credit shall be equal to an amount not less than one month's average billing of the Project.
 - (iii) The GUVNL shall replenish the Letter of Credit to bring it to the original amount within 30 days in case of any valid drawdown.
- 3) The Letter of Credit shall be renewed and/or replaced by the GUVNL not less than 30 days prior to its expiration.
- 4) Payment under the Letter of Credit : The drawl under the Letter of Credit in respect of a Tariff Invoice (excluding supplementary bills) shall require:
 - (i) a copy of the metering statement jointly signed by the official representatives of both the Parties, supporting the payments attributable to the Delivered Energy in respect of such Tariff Invoice.
 - (ii) a certificate from the Power Producer stating that the amount payable by GUVNL in respect of such Tariff Invoice has not been paid and disputed by GUVNL till the Due Date of Payment of the Tariff invoice.

6.6 Disputes:

In the event of a dispute as to the amount of any Tariff Invoice, GUVNL shall notify the Power Producer of the amount in dispute and GUVNL shall pay the Power Producer 100% of the undisputed amount plus 85% of the disputed amount within the due date provided either party shall have the right to approach the GERC to effect a higher or lesser payment on the disputed amount. The Parties shall discuss within a week from the date on which GUVNL notifies the Power Producer of the amount in dispute and try and settle the dispute amicably. Where any dispute arising out of in connection with this agreement is not resolved mutually then such dispute shall be submitted to adjudication by the GERC under Section 86 of Electricity Act 2003 and the GERC may refer the matter to Arbitration as provided in the said provision read with Section 158 of Electricity Act 2003. For dispute beyond the power conferred upon the GERC, such dispute shall be subject to jurisdiction of High Court of Gujarat. If the dispute is not settled during such discussion then the payment made by



GUVNL shall be considered as a payment under protest. Upon resolution of the dispute, in case the Power Producer is subsequently found to have overcharged, then it shall return the overcharged amount with an interest of SBI 1 year Marginal Cost of Funds Based Lending Rate (MCLR) per annum plus 7% for the period it retained the additional amount. GUVNL / Power Producer shall not have the right to challenge any Tariff Invoice, or to bring any court or administrative action of any kind questioning/modifying a Tariff Invoice after a period of three years from the date of the Tariff Invoice is due and payable.



ARTICLE 7: Metering and Communication

7.1 Reading and Correction of Meters

- (i) The metering point will be at the receiving end of GETCO substation. For the purpose of energy accounting the Power Producer shall install ABT compliant meter at the metering point. In case of project getting connected to the grid through internal pooling sub-station of an existing wind farm, the Power Producer shall install ABT meters at the Pooling s/s. Further, there shall be separate arrangement for metering of Wind and Solar Project.
- (ii) Interface metering shall conform to the Central Electricity Authority (Installation and operation of Meters) Regulations 2006 and amendments thereto. GETCO shall stipulate specifications in this regard.
- (iii) In the event that the Main Metering System is not in service as a result of maintenance, repairs or testing, then the Backup Metering System shall be used during the period the Main Metering System is not in service and the provisions above shall apply to the reading of the Backup Metering System.

7.2 Sealing and Maintenance of Meters.

- (i) The Main Metering System and the Backup Metering System shall be sealed in the presence of representatives of Power Producer and GETCO.
- (ii) When the Main Metering System and / or Backup Metering System and / or any component thereof is found to be outside the acceptable limits of accuracy or otherwise not functioning properly, it shall be repaired, re-calibrated or replaced by the Power Producer and / or GUVNL / GETCO at Power Producer's cost, as soon as possible.
- (iii) Any meter seal(s) shall be broken only by GETCO's representative in the presence of Power Producer representative whenever the Main Metering System or the Backup Metering System is to be inspected, tested, adjusted, repaired or replaced.
- (iv) All the Main and Check Meters shall be calibrated at least once in a period of three years.
- (v) In case, both the Main Meter and Check Meter are found to be beyond permissible limit of error, both the meters shall be calibrated immediately and the correction applicable to main meter shall be applied to the energy registered by the Main Meter at the correct energy for the purpose of energy accounting / billing for the actual period during which inaccurate measurements were made, if such period can be determined or, if not readily determinable, shall be the shorter of:
 - A. the period since immediately preceding test of the relevant main meter, or
 - B. one hundred and eighty (180) days immediately preceding the test at which the relevant Main Meter was determined to be defective or inaccurate.



7.3 Records

Each Party shall keep complete and accurate records and all other data required by each of them for the purposes of proper administration of this agreement and the operation of the Power Plant. Among such other records and data, the Power Producer shall maintain an accurate and up-to-date operating log at the Power Plant with records of:-

- a) Fifteen (15) minutes logs of real and reactive power generation, frequency, transformer tap position, bus voltage(s), Main Meter and Back up Meter Readings and any other data mutually agreed;
- b) any unusual conditions found during operation / inspections;
- c) chart and printout of event loggers, if any, for system disturbances/ outages;
- d) All the records will be preserved for a period of 36 months.



ARTICLE 8: Force Majeure

8.1 Force Majeure Events:

- a) Neither Party shall be responsible or liable for or deemed in breach hereof because of any delay or failure in the performance of its obligations hereunder (except for obligations to pay money due prior to occurrence of Force Majeure events under this Agreement) or failure to meet milestone dates due to any event or circumstance (a "Force Majeure Event") beyond the reasonable control of the Party experiencing such delay or failure, including the occurrence of any of the following:
- i) acts of God;
 - ii) typhoons, floods, lightning, cyclone, hurricane, drought, famine, epidemic, plague or other natural calamities;
 - iii) acts of war (whether declared or undeclared), invasion or civil unrest;
 - iv) any requirement, action or omission to act pursuant to any judgment or order of any court or judicial authority in India (provided such requirement, action or omission to act is not due to the breach by the Power Producer or GUVNL of any Law or any of their respective obligations under this Agreement);
 - v) inability despite complying with all legal requirements to obtain, renew or maintain required licenses or Legal Approvals;
 - vi) earthquakes, explosions, accidents, landslides; fire;
 - vii) expropriation and/or compulsory acquisition of the Project in whole or in part by Government Instrumentality;
 - viii) chemical or radioactive contamination or ionizing radiation; or
 - ix) damage to or breakdown of transmission facilities of GETCO / DISCOMs;
 - x) Exceptionally adverse weather condition which are in excess of the statistical measure of the last hundred (100) years,
- b) **Force Majeure Exclusions:** Force Majeure shall not include the following conditions, except to the extent that they are consequences of an event of Force Majeure:
1. Unavailability, Late Delivery or Change in cost of plants and machineries, equipment, materials, spares parts or consumables for the project;
 2. Delay in performance of any contractor / sub contractor or their agents;
 3. Non performance resulting from normal wear and tear experience in power generation materials and equipments;
 4. Strike or Labour Disturbances at the facilities of affected parties;
 5. Insufficiency of finances or funds or the agreement becoming onerous to perform ,
and
 6. Non performance caused by, or concerned with, the affected party's
 - I. Negligent and intentional acts, errors or omissions;
 - II. Failure to comply with Indian law or Indian Directive; or



III. Breach of, or default under this agreement or any Project agreement or Government agreement.

- c) The affected Party shall give notice to other party of any event of Force Majeure as soon as reasonably practicable, but not later than 7 days after the date on which such Party knew or should reasonably have known of the commencement of the event of Force Majeure. If any, event of Force Majeure results in a breakdown of communication rendering it not reasonable to give notice within the applicable time limit specified herein, then the party claiming Force Majeure shall give notice as soon as reasonably practicable after reinstatement of communication, but not later than one day after such reinstatement, Such notice shall include full particulars of the event of Force Majeure, its effects on the Party claiming relief and the remedial measures proposed, and the Affected Party shall give the other Party regular (and not less than monthly) reports on the progress of those remedial measures and such other information as the other party may reasonably request about the situation.
- d) The affected Party shall give notice to the other Party of (1) cessation of relevant event of Force Majeure; and (2) cessation of the effects of such event of Force Majeure on the performance of its rights or obligations under this agreement, as soon as practicable after becoming aware of each of these cessations.
- e) To the extent not prevented by a Force Majeure event, the affected party shall continue to perform its obligations pursuant to this agreement. The affected party shall use its reasonable efforts to mitigate the effect of any event of Force Majeure as soon as practicable.

8.2 Available Relief for a Force Majeure Event:

No Party shall be in breach of its obligations pursuant to this agreement to the extent that the performance of its obligations was prevented, hindered or delayed due to a Force Majeure event. However, adjustment in tariff shall not be allowed on account of Force Majeure event.

For avoidance of doubt, neither Party's obligation to make payments of money due and payable prior to occurrence of Force Majeure events under this Agreement shall be suspended or excused due to the occurrence of a Force Majeure Event in respect of such Party.



ARTICLE 9: Change in Law

9.1 Definition

9.1.1 "Change in Law" shall refer to the occurrence of any of the following events notified after the date of issuance of letter (notice to proceed) by GSECL to their EPC Contractor for the Project.

- a) the enactment, bringing into effect, adoption, promulgation, amendment, modification or repeal, of any statute, decree, ordinance or other law, regulations, notice, circular, code, rule or direction by Governmental Instrumentality or a change in its interpretation by a Competent Court of law, tribunal, government or statutory authority or any of the above regulations, taxes, duties charges, levies etc. that results in any change with respect to any tax or surcharge or cess levied or similar charges by the Competent Government on the generation of electricity (leviable on the final output in the form of energy) or sale of electricity.
- b) Introduction / modification/ changes in rates of safeguard duty and/or anti-dumping duty and/or custom duty including surcharge thereon which have direct effect on the cost of solar PV modules.

9.2 Relief for Change in Law

9.2.1 In case Change in Law on account of 9.1.1 (a) above results in the Power Producer's costs directly attributable to the Project being decreased or increased by one percent (1%), of the estimated revenue from the Electricity for the Contract Year for which such adjustment becomes applicable or more, during Operation Period, the Tariff Payment to the Power Producer shall be appropriately increased or decreased with due approval of GERC.

9.2.2 In case of Change in Law on account of 9.1.1 (b) above, the Power Producer shall be allowed an increase / decrease in tariff of 1 paise / unit for every increase/decrease of Rs.2 Lakh per MW in the Project Cost incurred upto the Scheduled Commercial Operation Date upon submission of proof of payment made by the Power Producer towards safeguard duty and/or anti-dumping duty and/or custom duty to the concerned Authority and with due approval of GERC. This increase / decrease in tariff due to this change in cost of solar PV modules shall be limited to actual DC capacity or 150% (One hundred & fifty percent) of contracted AC capacity, whichever is lower.

9.2.3 The Power Procurer / GUVNL or the Power Producer, as the case may be, shall provide the other Party with a certificate stating that the adjustment in the Tariff Payment is directly as a result of the Change in Law and shall provide supporting documents to substantiate the same and such certificate shall correctly reflect the increase or decrease in costs.

9.2.4 The revised tariff shall be effective from the date of such Change in Law as approved by GERC.



ARTICLE 10: Term, Termination and Default

10.1 Term of the Agreement: This Agreement shall become effective upon the execution and delivery thereof by the Parties hereto and unless terminated pursuant to other provisions of the Agreement, shall continue to be in force for such time until the completion of a period of 25 years (Twenty Five) from the Scheduled Commercial Operation Date of the Project. This Agreement may be extended for a further period on mutually agreed terms and conditions at least one hundred eighty (180) days prior to the Expiry Date.

Survival: The expiry or termination of this Agreement shall not affect any accrued rights, obligations and liabilities of the Parties under this Agreement, including the right to receive penalty as per the terms of this Agreement, nor shall it affect the survival of any continuing obligations for which this Agreement provides, either expressly or by necessary implication, which are to survive after the Expiry Date or termination including those under Article 8 (Force Majeure), Article 10 (Term, Termination and Default), Article 11 (Dispute Resolution), Article 12 (Indemnity), Article 13 (Miscellaneous Provisions), and other Articles and Schedules of this Agreement which expressly or by their nature survive the Term or termination of this Agreement shall continue and survive any expiry or termination of this Agreement.

10.2 Events of Default:

10.2.1 Power Producer's Default: The occurrence of any of the following events at any time during the Term of this Agreement shall constitute an Event of Default by Power Producer:

- a. Failure to commission the project by scheduled commercial operation date beyond the period mentioned in Article 3.3
- b. Fails to supply power in terms of the PPA
- c. O-& M Default on part of Power Producer
- d. Failure or refusal by Power Producer to perform any of its material obligations under this Agreement including but not limited to financial closure.
- e. Failure to pay penalty in advance to GUVNL and consequent non-extension of financial closure deadline.
- f. Power Producer fails to make any payment required to be made to GUVNL under this agreement within three (3) months after the due date of a valid invoice raised by the GUVNL on the Power Producer.
- g. If the power producer(i) assigns or purports to assign its assets or rights in violation of this agreement; or (ii) transfers or novates any of its rights and / or obligations under this agreement, in violation of this agreement.
- h. If the Power producer becomes voluntarily or involuntarily the subject of proceeding under any bankruptcy or insolvency laws or goes into liquidation or dissolution or has a receiver appointed over it or liquidator is appointed, pursuant to Law, except where such dissolution of the Power producer is for the purpose of a merger, consolidation



or reorganization and where the resulting entity has the financial standing to perform its obligations under this Agreement and creditworthiness similar to the Power Producer and expressly assumes all obligations under this agreement and is in a position to perform them; or

- i. The Power Producer repudiates this agreement.
- j. Failure to maintain the shareholding in line with Article 3.1 (xii) of this agreement.
- k. Occurrence of any other event which is specified in this Agreement to be a material breach / default of the Power Producer or commits any other acts or omissions as laid down in the PPA and is also unable to cure any of the aforesaid within the cure period, as may be provided in the PPA, the power producer shall be construed to be in default.

10.2.2 GUVNL's Default: The occurrence of any of the following at any time during the Term of this Agreement shall constitute an Event of Default by GUVNL:

- a. Failure or refusal by GUVNL to pay any portion of undisputed monthly bill for a period of 90 days after due date.
- b. GUVNL repudiates this Agreement.
- c. If GUVNL becomes voluntarily or involuntarily the subject of proceeding under any bankruptcy or insolvency laws or goes into liquidation or dissolution or has a receiver appointed over it or liquidator is appointed, pursuant to Law, except where such dissolution of GUVNL is for the purpose of a merger, consolidation or reorganization and where the resulting entity has the financial standing to perform its obligations under this Agreement and creditworthiness similar to GUVNL and expressly assumes all obligations under this agreement and is in a position to perform them.

10.3 Termination:

10.3.1 Termination for Power Producer Default: Upon the occurrence of an event of default as set out in sub-clause 10.2.1 above, GUVNL may deliver a "Default Notice" to the Power Producer in writing, with a copy to the representative of the lenders to the Power producer-With whom the Power Producer has executed the Financing Agreements which shall specify in reasonable detail the Event of Default giving rise to the default notice, and calling upon the Power Producer to remedy the same. Where a "Default Notice" has been issued with respect to an Event of Default, which requires the co-operation of both GUVNL and the Power Producer to remedy, GUVNL shall render all reasonable co-operation to enable the Event of Default to be remedied without any legal obligations.

Upon being in default, the Power Producer shall be liable to pay to GUVNL the damages, as provided in Clause 3.3 of the PPA for failure to commission within stipulated time and Clause 3.1(iv)(b) for failure to supply power in terms of the PPA. For other cases, the damages shall be as under.

- a. At the expiry of 30 (thirty) days from the delivery of the default notice and unless the Parties have agreed otherwise, or the Event of Default giving rise to the default




notice has been remedied, the Power Producer shall have liability to make payment toward compensation to GUVNL equivalent to six (6) months' billing at contracted CUF, or balance PPA period whichever is less, of the charges for its contracted capacity. Also, GUVNL shall have the right to recover the said damages from the energy invoices of GSECL, if any, without prejudice to resorting to any other legal course or remedy.

- b. In addition to the levy of damages as aforesaid, in the event of a default by the Power Producer, the lenders shall be entitled to exercise their rights to seek substitution of the Power Producer by a selectee, in accordance with the substitution agreement and in concurrence with GUVNL. However, in the event the lenders are unable to substitute the defaulting Power Producer within the stipulated period, GUVNL may terminate the PPA and acquire the Project assets for an amount equivalent to 90% of the debt due by issuing a "Termination Notice" / "Takeover Notice", failing which, the lenders may exercise their mortgage rights and liquidate the Project assets.
- c. Provided that any substitution under this Agreement can only be made with the condition that the selectee meets the eligibility requirements of Request for Selection (RfS) issued by GUVNL.
- d. The lenders in concurrence with GUVNL, may seek to exercise right of substitution under Article 10.3.1 (a.) by an amendment or novation of the PPA in favour of the selectee. The Power Producer shall cooperate with GUVNL to carry out such substitution and shall have the duty and obligation to continue to operate the Power Project in accordance with this PPA till such time as the substitution is finalized. In the event of Change in Shareholding/Substitution of Promoters triggered by The Financial Institutions leading to signing of fresh PPA with a New Entity, an amount of Rs. 10 Lakh per Project per Transaction as Facilitation Fee (non-refundable) shall be deposited by the developer to GUVNL.

10.3.2 Termination for GUVNL's Default: Upon the occurrence of an Event of Default as set out in sub-clause 10.2.2 above, the Power Producer may deliver a Default Notice to GUVNL in writing which shall specify in reasonable detail the Event of Default giving rise to the Default Notice, and calling upon GUVNL to remedy the same. GUVNL with the prior consent of the Power Producer may novate its part of the PPA to any third party, including its Affiliates within the period of 7 days following the expiry of notice period. In the event the aforesaid novation is not acceptable to the Power producer, or if no offer of novation is made by the defaulting Procurer/ GUVNL within the stipulated period of 7 days, then the Power Producer may terminate the PPA and at its discretion require the defaulting Procurer/ GUVNL to either (i) takeover the Project assets by making a payment of the termination compensation equivalent to the amount of the debt due and 110% (one hundred and ten per cent) of the adjusted equity as detailed below, less insurance cover, if any by issuing a "Termination Notice" / "Takeover Notice", or, (ii) pay to the Power Producer, damages, equivalent to 6 (six) months billing at contracted CUF, or balance PPA period whichever is less, of charges for its contracted capacity, with the Project assets being retained by the Power Producer.

In the event of such termination of PPA, any damages or charges payable to GETCO, for the connectivity of the plant, shall be borne by GUVNL.



"Adjusted Equity" means the Equity funded in Indian Rupees and adjusted on the first day of the current month (the "Reference Date"), in the manner set forth below, to reflect the change in its value on account of depreciation and variations in Wholesale Price Index (WPI), and for any Reference Date occurring between the first day of the month of Appointed Date (the date of achievement of Financial Closure) and the Reference Date;

- i. On or before Commercial Operation Date (COD), the Adjusted Equity shall be a sum equal to the Equity funded in Indian Rupees and expended on the Project, revised to the extent of one half of the variation in WPI occurring between the first day of the month of Appointed Date and Reference Date;
- ii. An amount equal to the Adjusted Equity as on COD shall be deemed to be the base (the "Base Adjusted Equity");
- iii. After COD, the Adjusted Equity hereunder shall be a sum equal to the Base Adjusted Equity, reduced by 0.333% (zero point three three three percent) thereof at the commencement of each month following the COD [reduction of 1% (one percent) per quarter of an year] and the amount so arrived at shall be revised to the extent of variation in WPI occurring between the COD and the Reference Date;

For the avoidance of doubt, the Adjusted Equity shall, in the event of termination, be computed as on the Reference Date immediately preceding the Transfer Date; provided that no reduction in the Adjusted Equity shall be made for a period equal to the duration, if any, for which the PPA period is extended, but the revision on account of WPI shall continue to be made.

"Debt Due" means the aggregate of the following sums expressed in Indian Rupees outstanding on the Transfer Date:

- i. The principal amount of the debt provided by the Senior Lenders under the Financing Agreements for financing the Total Project Cost (the 'Principal') but excluding any part of the principal that had fallen due for repayment 2 (two) years prior to the Transfer Date;
- ii. All accrued interest, financing fees and charges payable under the Financing Agreements on, or in respect of, the debt referred to in sub-clause (i) above until the Transfer Date but excluding: (i) any interest, fees or charges that had fallen due one year prior to the Transfer Date, (ii) any penal interest or charges payable under the Financing Agreements to any Senior Lender, (iii) any pre-payment charges in relation to accelerated repayment of debt except where such charges have arisen due to Utility Default, and (iv) any Subordinated Debt which is included in the Financial Package and disbursed by lenders for financing the Total Project Cost. Provided that if all or any part of the Debt Due is convertible into Equity at the option of Senior Lenders and/or the Concessionaire, it shall for the purposes of this Agreement be deemed not to be Debt Due even if no such conversion has taken place and the principal thereof shall be dealt with as if such conversion had been undertaken. Provided further that the Debt Due, on or after COD, shall in no case exceed 80% (eighty percent) of the Total Project Cost."



ARTICLE 11: Dispute Resolution

- 11.1 All disputes or differences between the Parties arising out of or in connection with this Agreement shall be first tried to be settled through mutual negotiation.
- 11.2 The Parties hereto agree to attempt to resolve all disputes arising hereunder promptly, equitably and in good faith.
- 11.3 Each Party shall designate in writing and communicate to the other Party its own representative who shall be authorized to resolve any dispute arising under this Agreement in an equitable manner and, unless otherwise expressly provided herein, to exercise the authority of the Parties hereto to make decisions by mutual agreement.
- 11.4 In the event that such differences or disputes between the Parties are not settled through mutual negotiations within sixty (60) days, after such dispute arises, then it shall be adjudicated by GERC in accordance with law.



ARTICLE 12: Indemnity

12.1 Power Producer's Indemnity: The Power Producer agrees to defend, indemnify and hold harmless GUVNL, its officers, directors, agents, employees and affiliates (and their respective officers, directors, agents and employees) from and against any and all claims, liabilities, actions, demands, judgments, losses, costs, expenses, suits, actions and damages arising by reason of bodily injury, death or damage to property sustained by third parties that are caused by an act of negligence or the willful misconduct of the Power Producer, or by an officer, director, sub-contractor, agent or employee of the Power Producer except to the extent of such injury, death or damage as is attributable to the willful misconduct or negligence of, or breach of this Agreement by, GUVNL, or by an officer, director, sub-contractor, agent or employee of the GUVNL.

12.2 GUVNL's Indemnity: GUVNL agrees to defend, indemnify and hold harmless the Power Producer, its officers, directors, agents, employees and affiliates (and their respective officers, directors, agents and employees) from and against any and all claims, liabilities, actions, demands, judgments, losses, costs, expenses, suits, actions and damages arising by reason of bodily injury, death or damage to property sustained by third parties that are caused by an act of negligence or the willful misconduct of GUVNL, or by an officer, director, sub-contractor, agent or employee of GUVNL except to the extent of such injury, death or damage as is attributable to the willful misconduct or negligence of, or breach of this Agreement by, the Power Producer, or by an officer, director, sub-contractor, agent or employee of the Power Producer.



ARTICLE 13: Miscellaneous Provisions

- 13.1 Governing Law:** This Agreement shall be interpreted, construed and governed by the Laws of India.
- 13.2 Insurance:** The Power Producer shall obtain and maintain necessary policies of insurance during the Term of this Agreement consistent with Prudent Utility Practice.
- 13.3 Books and Records:** The Power Producer shall maintain books of account relating to the Project in accordance with generally accepted Indian accounting principles.
- 13.4 Waivers:** Any failure on the part of a Party to exercise, and any delay in exercising, exceeding three years, any right hereunder shall operate as a waiver thereof. No waiver by a Party of any right hereunder with respect to any matter or default arising in connection with this Agreement shall be considered a waiver with respect to any subsequent matter or default.
- 13.5 Limitation Remedies and Damages:** Neither Party shall be liable to the other for any consequential, indirect or special damages to persons or property whether arising in tort, contract or otherwise, by reason of this Agreement or any services performed or undertaken to be performed hereunder.
- 13.6 Notices:** Any notice, communication, demand, or request required or authorized by this Agreement shall be in writing and shall be deemed properly given upon date of receipt if delivered by hand or sent by courier, if mailed by registered or certified mail at the time of posting, if sent by fax when dispatched (provided if the sender's transmission report shows the entire fax to have been received by the recipient and only if the transmission was received in legible form), to:

In case of the Power Producer:

Name: Shri A. N. Ghervara

Designation: Chief Engineer (P&P)

Address: Gujarat State Electricity Corporation Limited - Vidyut Bhavan, - Race Course, Vadodara - 390 007

E-mail: cepnp.gsecl@gebmail.com

In case of Gujarat Urja Vikas Nigam Limited:

Designation: General Manager (RE)

Address : Gujarat Urja Vikas Nigam Limited - Commerce Dept, Sardar Patel Vidyut Bhavan, Race Course, Vadodara - 390 007

E-mail: gmre@gebmail.com



13.7 Severability:

Any provision of this Agreement, which is prohibited or unenforceable in any jurisdiction, shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof and without affecting the validity, enforceability or legality of such provision in any other jurisdiction.

13.8 Amendments:

This Agreement shall not be amended, changed, altered, or modified except by a written instrument duly executed by an authorized representative of both Parties. However, GUVNL may consider any amendment or change that the Lenders may require to be made to this Agreement.

13.9 Assignment:

Neither Party shall assign this Agreement nor shall any portion hereof without the prior written consent of the other Party, provided further that any assignee expressly assume the assignor's obligations thereafter arising under this Agreement pursuant to documentation satisfactory to such other Party. However, such assignment shall be permissible only for entire contracted capacity.

Provided however, no approval is required from GUVNL for the assignment by the Power Producer of its rights herein to the Financing Parties and their successors and assigns in connection with any financing or refinancing related to the construction, operation and maintenance of the Project.

In furtherance of the foregoing, GUVNL acknowledges that the Financing Documents may provide that upon an event of default by the Power Producer under the Financing Documents, the Financing Parties may cause the Power Producer to assign to a third party the interests, rights and obligations of the Power Producer thereafter arising under this Agreement. GUVNL further acknowledges that the Financing Parties, may, in addition to the exercise of their rights as set forth in this Section, cause the Power Producer to sell or lease the Project and cause any new lessee or purchaser of the Project to assume all of the interests, rights and obligations of the Power Producer thereafter arising under this Agreement.

13.10 Entire Agreement, Appendices:

This Agreement constitutes the entire agreement between GUVNL and the Power Producer, concerning the subject matter hereof. All previous documents, undertakings, and agreements, whether oral, written, or otherwise, between the Parties concerning the subject matter hereof are hereby cancelled and shall be of no further force or effect and shall not affect or modify any of the terms or obligations set forth in this Agreement, except as the same may be made part of this Agreement in accordance with its terms, including the terms of any of the appendices, attachments or exhibits. The appendices, attachments and



exhibits are hereby made an integral part of this Agreement and shall be fully binding upon the Parties.

In the event of any inconsistency between the text of the Articles of this Agreement and the appendices, attachments or exhibits hereto or in the event of any inconsistency between the provisions and particulars of one appendix, attachment or exhibit and those of any other appendix, attachment or exhibit GUVNL and the Power Producer shall consult to resolve the inconsistency.

13.11 Further Acts and Assurances:

Each of the Parties after convincing itself agrees to execute and deliver all such further agreements, documents and instruments, and to do and perform all such further acts and things, as shall be necessary or convenient to carry out the provisions of this Agreement and to consummate the transactions contemplated hereby.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their fully authorized officers, and copies delivered to each Party, as of the day and year first above stated.



<p>FOR AND ON BEHALF OF GUJARAT STATE ELECTRICITY CORPORATION LIMITED</p> <p><i>[Signature]</i> Chief Engineer (P&P) Gujarat State Electricity Corporation Ltd. Vidyut Bhavan, Race Course, Vadodara - 390 007</p>  <p>GUJARAT STATE ELECTRICITY CORPORATION LIMITED</p>	<p>FOR AND ON BEHALF OF GUJARAT URJA VIKAS NIGAM LIMITED</p>  <p><i>[Signature]</i> Hiren N. Shah General Manager (RE) Gujarat Urja Vikas Nigam Limited Vadodara</p> <p>GUJARAT URJA VIKAS NIGAM LTD.</p>
<p>WITNESSES</p> <p>1. <u><i>[Signature]</i></u> (Nitin B. Karsora) COB (Comm)</p> <p>2. <u><i>[Signature]</i></u> (RAJESH P. BANDHARA) SECRE-I)</p>	<p>WITNESSES</p> <p>1. <u><i>[Signature]</i></u> (M.K. JAIN - I/C A/E (RE))</p> <p>2. <u><i>[Signature]</i></u> (KALPESH BRAMBHATT) SE RE GUVNL</p>

SCHEDULE 1: Parameters and Technical Limits Of Supply

1. Electrical Characteristics

- Three phase alternating current
- Nominal declared frequency: 50.0 Hz
- Final Voltage at Delivery Point: 66 kV

Short circuit rating: As a part of the detailed design process, the Power Producer shall calculate the short circuit rating (minimum and maximum), and supply this information to the GUVNL.

Note: The tolerances & Electrical characteristics variations and Basic Insulation level will be as per relevant grid code and CEA standards,

2. Quality of Service

The Power Producer shall be responsible for the delivery of energy conforming Performance Standards for Transmission and Bulk Supply as approved by GERC.

The maximum current and voltage waveform distortion shall be in accordance with the limits prescribed under Central Electricity Authority (Grid Standards) Regulations, 2010, as amended from time to time.

3. Power Factor

The Power Producer shall maintain the Power Factor as per the prevailing GERC regulations and as may be stipulated / specified by GETCO from time to time. The Power Producer shall provide suitable protection devices, so that the Electric Generators could be isolated automatically when grid supply fails.

Connectivity criteria like short circuit level (for switchgear), neutral Grounding, fault clearance time, current unbalance (including negative and zero sequence currents), limit of harmonics etc. shall be as per Grid Code.

4. Technical Limits of Voltage

- i) The nominal steady state electrical characteristics of the system are as follows:
 - a) Three phase alternating current at 50 Hertz
 - b) Nominal voltage of 66 kV.
- ii) The Project shall be designed and capable of being synchronized and operated within a frequency range as per relevant Grid Code and voltage of 66 kV



- iii) Operation of the Project outside the nominal voltage and frequency specified above will result in reduction of power output consistent with generator capability curves.

5. Specification of Electrical Energy Delivery

- a) The generation voltage from the Solar Photovoltaic Grid Interactive Power Project of M/s Gujarat State Electricity Corporation Limited is 33 kV. It uses unit connection of generator, generator transformer and unit transformer.
- b) The generated power at 33 kV will be stepped up to 66 kV at the Project Site and connected 66 kV at for the purpose of interconnection with the Grid System in accordance with GERC Regulations.



SCHEDULE 2: Approvals

1. Consent from the GETCO for the evacuation scheme for evacuation of the power generated by the 210 MW Solar Photovoltaic Grid Interactive Power Projects.
2. Approval of the Electrical Inspectorate, Government of Gujarat for commissioning of the transmission line and the solar project installed at the Project Site.
3. Certificate of Commissioning of the Solar Photovoltaic Grid Interactive Power Project issued by GEDA.
4. Permission from all other statutory and non-statutory bodies required for the Project
5. Clearance from Department of Forest, Ecology and Environment, if required
6. Certificate by the concerned and competent revenue / registration authority for acquisition /ownership / right to use / vesting of land in the name of Solar Project Developer.
7. Approval for Water from the concerned authority (if applicable) required for the Project.



SCHEDULE 3: Project Details

CAPACITY(AC)	LOCATION DETAILS	CUF %	SUBSTATION DETAILS	Tariff (Rs / kWh)	SCOD (Commissioning date)
210 MW	Village. Babarzar, Ta. Lalpur, Dist. Jamnagar	25%	220 kV Babarzar SS	As per Article-5 of this PPA	10.03.2025

Note:

- (i) If the Power Producers chooses to declare the location / sub-station details upfront at the time of signing of PPA, the Power Producer may be allowed to change the location(s) upto SCOD.
- (ii) The Power Producer shall be solely responsible for getting the connectivity of their project on or before SCOD.





GEDA

ગુજરાત ઊર્જા વિકાસ એજન્સી
GUJARAT ENERGY DEVELOPMENT AGENCY
A Government of Gujarat Organisation

GEDA/SOL-49/2025/03/OW/ 7905

Date: March 19, 2025

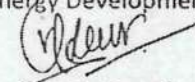
CERTIFICATE OF COMMISSIONING

This is to certify that M/s. Gujarat State Electricity Corporation Limited, GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta-Vadodara, Dist.- Vadodara has installed and commissioned 101824 kW(AC)/ 152910 kW(DC) capacity Solar Power Plant at Survey no.286 of Village- Babarzar, Ta-Lalpur, Dist.-Jamnagar on 10-03-2025 along with the associated equipment as per following details.

GEDA Registration No.	GEDA/PR/GMS/23-24/03/879/627/49
Capacity of Solar Power Project	101824 kW(AC)/ 152910 kW(DC)
SPV Modules- Type / Make	Bifacial / Jinko
Nos. of Photovoltaic Modules / Rating	242940 / 550 Wp, 35400 / 545 Wp
Inverters- Type / Make	String / Sineng
Nos. of Inverter / Rating	32 / 3182 kW
ABT Meter- Make / Serial no.	Secure / GJ 7302 A
Name of Substation	66 kV Substation, Babarzar
RFID details of SPV Modules	https://srtgeda.gujarat.gov.in/app-docs/rfid_upload_file/ec4d673ef9456b1b9144a41e5a13f06156b

The commissioning of the Ground Mounted Solar PV System has been carried out; the ABT meter has been installed.

For Gujarat Energy Development Agency


(Jatin Desai)

Sr. Project Executive I/c.

To,
M/s. Gujarat State Electricity Corporation Limited
GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta-Vadodara,
Dist.- Vadodara- 390007

Cc to:(1) Chief Engineer (R & C),
Paschim Gujarat Vij Company Limited (PGVCL),
Off. Nana Mava Main Road, Laxminagar,
Rajkot - 360 004

(2) Chief Engineer, State Load Dispatch Centre (SLDC)
GETCO, 132kV Gotri Sub Station Compound,
Opp. Kalpvruk building, Near T.B. Hospital, Gotri Road,
Vadodara - 390 021

ચોથો માળ, બ્લોક નં. ૧૧ અને ૧૨ ઉદ્યોગભવન
સેક્ટર-૧૧, ગાંધીનગર - ૩૮૨ ૦૧૭.
4th Floor, Block No. 11-12, Udyogbhavan,
Sector-11, Gandhinagar-382017. India.

Ph. : 079-232 57251-53
Fax : +91 79 232-47097, 57255
e-mail : director@geda.org.in
www.geda.gujarat.gov.in



GEDA

ગુજરાત ઊર્જા વિકાસ એજન્સી

GUJARAT ENERGY DEVELOPMENT AGENCY

A Government of Gujarat Organisation

GEDA/SOL-49/2025/02/OW/7437

Date: February 28, 2025

CERTIFICATE OF COMMISSIONING

This is to certify that M/s. Gujarat State Electricity Corporation Limited, GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta- Vadodara, Dist- Vadodara has installed and commissioned 89096 kW(AC)/ 133205.4 kW(DC) capacity Solar Power Plant at Survey no 286 of Village- Babarzar, Ta- Lalpur, Dist- Jamnagar on 08-02-2025 along with the associated equipment as per following details

GEDA Registration No.	GEDA/PR/GMS/23-24/03/879/627/49
Capacity of Solar Power Project	89096 kW(AC)/ 133205.4 kW(DC)
SPV Modules Type / Make	Bifacial / Jirko
Nos. of Photovoltaic Modules / Rating	216210 / 550 Wp, 26220 / 545 Wp
Inverters Type / Make	String / Sineng
Nos. of Inverter / Rating	28 / 3182 kW
ABT Meter- Make / Serial no.	Secure / GJ 7302 A
Name of Substation	66 kV Substation, Babarzar
RFID details of SPV Modules	https://srtgeda.gujarat.gov.in/app/docs/rfid_upload_file/ec4d673ef9408b1b9144a41e5a13106156b

The commissioning of the Ground Mounted Solar PV System has been carried out, the ABT meter has been installed.

For Gujarat Energy Development Agency


(Jatin Desai)

Sr. Project Executive i/c.

To,

M/s. Gujarat State Electricity Corporation Limited,
GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta- Vadodara,
Dist - Vadodara- 390007

Cc to- (1) Chief Engineer (R & C),
Paschim Gujarat Vij Company Limited (PGVCL),
Off. Nano Mava Main Road, Laxminagar,
Rajkot - 360 004

(2) Chief Engineer, State Load Dispatch Centre (SLDC)
GETCO, 132kV Gotri Sub Station Compound,
Opp. Kalpvruk building, Near T.B. Hospital, Gotri Road,
Vadodara - 390 021

સાથે જોડેલ છે ૧૧ અને ૧૨ બેંચના
સોલર પ્લેટ્સના રીફાઇનિંગ
૪થ ફ્લોર, બ્લોક નો. ૧૧-૧૨, ઉદ્યોગભવન,
સેક્ટર-૧૧, ગાંધીનગર-૩૯૨૦૧૭, ઇન્ડિયા

Ph. 079-232 57251-53
FAX: +91 79 232-47097, 57255
e-mail: director@geda.org.in
www.geda.gujarat.gov.in



GEDA

ગુજરાત ઊર્જા વિકાસ એજન્સી

GUJARAT ENERGY DEVELOPMENT AGENCY

A Government of Gujarat Organisation

GEDA/SOL-49/2025/02/OW/ 6712

Date: February 5, 2025

CERTIFICATE OF COMMISSIONING

This is to certify that M/s. Gujarat State Electricity Corporation Limited, GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta-Vadodara, Dist.- Vadodara has installed and commissioned 19090 kW(AC)/ 28900 kW(DC) capacity Solar Power Plant at Survey no.286 of Village- Babarzar, Ta-Lalpur, Dist.-Jamnagar on 08-01-2025 along with the associated equipment as per following details.

GEDA Registration No.	GEDA/PR/GMS/23-24/03/879/627/49
Capacity of Solar Power Project	19090 kW(AC)/ 28900 kW(DC)
SPV Modules- Type / Make	Bifacial / Jinko
Nos. of Photovoltaic Modules / Rating	52560 / 550 Wp
Inverters- Type / Make	Central / Sineng
Nos. of Inverter / Rating	06 / 3182 kW
ABT Meter- Make / Serial no.	Secure / GJ 7302 A
Name of Substation	66 kV Substation, Babarzar
RFID details of SPV Modules	https://srtgeda.gujarat.gov.in/app-docs/rfid_upload_file/ec4d673ef9316b1b9144a41e5a13f06156b

The commissioning of the Ground Mounted Solar PV System has been carried out; the ABT meter has been installed.

For Gujarat Energy Development Agency

(Jatin Desai)

Sr. Project Executive I/c.

To,
M/s. Gujarat State Electricity Corporation Limited,
GEB Old Building, Vidhyut Bhavan, Race Course, At- Vadodara, Ta-Vadodara,
Dist.- Vadodara- 390007

Cc to:(1) Chief Engineer (R & C),
Paschim Gujarat Vij Company Limited (PGVCL),
Off. Nana Mava Main Road, Laxminagar,
Rajkot - 360 004

(2) Chief Engineer, State Load Dispatch Centre (SLDC)
GETCO, 132kV Gotri Sub Station Compound,
Opp. Kalpvruj building, Near T.B. Hospital, Gotri Road,
Vadodara - 390 021

ચોથો માળ, અલ્ટેક બ્લોક નં. 11 અને 12 ઉદ્યોગભવન
સેક્ટર-11, ગાંધીનગર - 382017.
4th Floor, Block No. 11-12, Udyogbhavan,
Sector-11, Gandhinagar-382017, India

Ph. : 079-232 57251-53
Fax : +91 79 232-47097, 57255
e-mail : director@geda.org.in
www.geda.gujarat.gov.in

Format-1 for Petition of Tariff Determination
210 MW Solar Photovoltaic Grid Connected Power Project located at Babarzar
Annexure- J

Sr No.	Assumption	Head	Sub-head	Unit	Parameter
1	Power Generation	Capacity	Installed Power Generation Capacity	MW	210.00
			Capacity Utilization Factor (CUF)	%	25.00%
			Auxiliary Consumption	%	0.00%
			Commercial Operation Date (COD)	dd/mm/yyyy	10.03.2025
			Useful Life	Years	25
2	Project Cost	Capital Cost	Normative Capital Cost	Rs. Crore/ MW	5.77
			Capital Cost	Rs. Crore	1,211.43
			Capital Subsidy, if any	Rs. Crore	605.71
			Net Capital Cost	Rs. Crore	605.71
3	Financial Assumption	Debt Equity	Tariff Period	Years	25.00
			Debt (Normative)	%	70
			Equity (Normative)	%	30
		Debt Component	Total debt amount(Normative)	Rs. Crore	424.00
			Total equity amount (Normative)	Rs. Crore	181.71
			Loan Amount (Normative)	Rs. Crore	424.00
			Moratorium Period	Years	0
			Repayment Period (incl moratorium)	Years	16
			Interest Rate (Normative as per rate of interest of Last Loan availed by GSECL)	%	7.08%
		Equity Component	Equity Amount (Normative)	Rs. Crore	181.71
			Return on Equity for First 20 years	% p.a	14.00%
			Return on Equity after 20 years	% p.a	14.00%
			Discount Rate	%	9.16%
		Depreciation	Dep Rate for 1st 12 years	%	5.28%
			Dep rate 13th year onwards	%	SLM basis On remaining Useful Life
Incentives	GBI, if any	Rs. Crore	0		
	Period for GBI	Years	NA		
4	O& M Expenses	Normative O&M Expense	Rs. Lakh/MW	As per LOI of O&M contract for 10 years and there after Escation @5.25% p.a.	
		O&M Expenses p.a.	Rs. Crore	As per LOI of O&M contract for 10 years and there after Escation @5.25% p.a.	
		Escalation Factor	%	5.25%	
5	Working Capital	O&M Expenses	Month	0.32	
		Maintenance Spares	% of O&M Expenses	-	
		Receivables	Days	30	
		Interest on Woking Capital	As per GERC Order 2418 of 2024 for True up of 2023-24	% per annum	11.07%

GANDHINAGAR

PETITION NO. 2650 OF 2026

IN THE MATTER OF:

Gujarat State Electricity Corporation Limited - Petitioner

Versus

Gujarat Urja Vikas Nigam Limited - Respondent

 G.E.R.C.	
Inward No.	2522
Date.	21 MAY 2026
Legal	Tech
Tariff	Admin
RA/CA	Acct.
IT	

REPLY ON BEHALF OF GUJARAT URJA VIKAS NIGAM LIMITED- THE RESPONDENT

MOST RESPECTFULLY SHOWETH:

PRELIMINARY OBJECTIONS AND SUBMISSIONS

- 1) The Petitioner, Gujarat State Electricity Corporation Limited (hereinafter referred to as 'Petitioner') has filed the above mentioned petition for determination of the tariff under Section 62 read with Section 86 (1) (a) of the Electricity Act, 2003 for procurement of power by the Gujarat Urja Vikas Nigam Ltd hereinafter referred to as "Respondent" from 210 MW Solar Photovoltaic Grid Connected Power Project located at Babarzar, District: Jamnagar.
- 2) Revenue Department, Govt. of Gujarat vide Resolution G.R. No. JMN -3919-259—A1 dated 07.03.2019 has notified the "Scheme for allotment of government wasteland in the vicinity of GETCO Sub-stations to Public Sector Undertakings (PSUs) operating under Energy and Petrochemical Departments for Development of Solar Projects at a nominal lease of Rs. 1/-per Hectare for a periods of 30 years".
- 3) Pursuant to above GR of Revenue Department, Energy and Petrochemicals Department vide G.R. No. SLR/11/2019/675/B1 dated 16.08.2019 has further resolved that the GSECL shall develop 2500 MW solar capacity under the above Scheme in the coming years at an estimated project cost of Rs.4 Crores/ MW out of which 50% amount would be extended by the State Government as capital subsidy to the GSECL.
- 4) GUVNL vide letter dated 20.06.2020 has accorded "In-Principle" Approval to the GSECL for procurement of power from upto 2500 MW Solar Capacity to be developed on government wasteland in vicinity of existing GETCO's sub-stations through competitive bidding process under the above referred GR's of State Government, subject to approval of GERC and subject to approval of capital grant by state Government to GSECL.
- 5) On 23.09.2021, GUVNL has filed petition no. 2013 of 2021 for approval of Draft PPA to be executed with GSECL for Wasteland Solar Projects.

→ Ad CLS
 26/05/26



Handwritten notes or signatures in the top right corner.

Inventor		Legal
Date		Tant
Tech	Admin	RACA
Admin	Accl	IT



- 6) Hon'ble Commission vide order dated 19.07.2023 had approved the Draft PPA along with certain modification.
- 7) Hon'ble GERC has notified through GERC (Procurement of Energy from Renewable Sources) Regulations, 2025 dated 12.08.2025 In accordance with the same, the stipulated RPO% targets for the Obligated Entities of Gujarat are as under:

Fin. Year	GERC RPO Trajectory (%)				
	Wind	Hydro	Distribut ed RE	Other	Total
2024-25	0.67	0.38	1.50	27.35	29.91
2025-26	1.45	1.22	2.10	28.24	33.01
2026-27	1.97	1.34	2.70	29.94	35.95
2027-28	2.45	1.42	3.30	31.64	38.81
2028-29	2.95	1.42	3.90	33.10	41.36
2029-30	3.48	1.33	4.50	34.02	43.33

- 8) In accordance with the above, Gujarat Renewable Energy policy notified by Govt of Gujarat from time to time and in compliance to Hon'ble commission's order dated 19.07.2023, the petitioner and the respondent has entered into the PPA for procurement of 210 MW Solar Power Project on dated 16.06.2025 located at Babarzar, District: Jamnagar.

- 9) As per the terms of the PPA,

(a) GUVNL shall pay a fixed tariff as determined by the Commission in tariff Petition filed by GSECL for determination of project specific tariff and the tariff determined by the Commission on such Petition and as agreed by the Parties upon commissioning of Project or part thereof (as certified by GEDA) from SCOD for the delivered energy as certified in SEA published by Gujarat SLDC during the period of 25 years life of the Project.

(b) The determination of tariff would be by considering the 50% capital grant as per EPD, GOG GR No. SLR-11-2019-675-B1 dtd. 16.08.2019.

- 10) The 210 MW project at Babarzar has been commissioned on 08.01.2025 (19.090 MW), 08.02.2025 (89.096 MW) & 10.03.2025 (101.824 MW).

- 11) The petitioner has filed the petition for determination of tariff of Rs. 1.76 per kWh for the said project under section 62 of the Electricity Act, 2003.

- 12) As per submission made by the Respondent – GSECL in the petition no 2013 of 2021, the EPC Cost of 210 MW project located at Babarzar, is Rs. 887.15 Crs and the tariff



with 50% CFA is mentioned as Rs 1.00 /kWh. As against this, in the present petition filed by the petitioner, GSECL the total project cost is Rs 1211.43 Crores in which comprises of EPC contract value of Rs. 887.12 Crs., additional Rs 39.72 Crs towards variation in GST, BCD & SGD variation and Rs 203.65 Crs is towards statutory variation and Rs. 80.93 Crs. towards pre-operative and supervision charges. Accordingly the per MW project cost works out to Rs 5.77 Crs / MW

However as per Govt. of Gujarat, Revenue Dept vide GR dated 07.03.2019 has notified the scheme for allotment of Government Waste Land for development of Solar Projects and EPD GOG vide GR dated 16.08.2019 resolved that GSECL shall develop the solar projects in the above scheme at estimated project cost of Rs 4 Crs / Mw out of which 50% amount will be extended by State Government as capital subsidy to GSECL.

Hon'ble Commission may allow only the prudent project cost (including change in law, delay in project etc) and also take into account the implications of GoG EPD GR No. SLR/11/2019/675/B1 dated 16.08.2019 (according to the GR, the estimated project cost is Rs.4 Crores per MW, of which 50% will be allocated by the State Government as a capital grant to the GSECL), during the tariff determination for the projects.

13) E-tender was invited by Petitioner and land profile detailed feasibility study for power capacity estimation and after evaluation of bids, M/s Larsen & Toubro Ltd. was selected as L-1 bidder with total Contract Price of Rs. 887.12 Crores (i.e., Rs. 796.64 Crores for supply and Rs. 90.48 Crores for Works). GSECL has issued Notice to proceed (NTP) to work dated 06.03.2021 with the completion period of 18 months i.e. 05.09.2022 from the date of NTP. Further, additional cost of GST and BCD amounting to Rs. 39.72 Crores and Rs. 203.65 Crores respectively was paid due to statutory variation and Rs. 80.93 Crores were incurred on pre-operative and head Office Supervision Charges. Accordingly, the capital cost of this project was finalized as Rs 1211.43 Crores.

14) However, the Petitioner has not attached the copy of the Letter of Intent (LOI) issued on 11.02.2021, documents towards payment of additional GST and BCD (Rs. 39.72 Crores and Rs. 203.65 Crores respectively) amount paid toward statutory variation and amount incurred on pre-operative and head Office Supervision Charges (Rs. 80.93 Crores). Petitioner has submitted supply and work order vide GSECL/PP/RE-Cell/210 MW Solar/Babarzar/449 Dtd. 06.04.2021 to EPC contractor mentioning Date of LOI (i.e. 11.02.2021).

15) The Petitioner has submitted a depreciation rate of 5.28% for the first twelve years. It is submitted that as per the prevailing norms of the Hon'ble GERC (aligned with CERC



Renewable Energy Tariff Regulations, 2024), depreciation for solar PV projects is allowed at 4.67% p.a. for the first 15 Years and 2% p.a. from 16th Years to 25th Years on straight-line method up to 90% of the capital cost (considering 10% salvage value).

16) The Petitioner has submitted Interest on Working Capital at 11.07 % whereas as per the prevailing norms of the Hon'ble GERC Tariff Order 06 of 2024 the Benchmark Interest on Working Capital is 10.65 %.

17) The Petitioner has submitted total O&M expenses at Rs. 155.18 Crs. including escalation at 5.25% per annum from 11th year onwards, whereas as per the prevailing norms of the Hon'ble GERC Tariff Order 06 of 2024 the Benchmark O&M cost is Rs. 3 lakh/MW with escalation at 3.84 % per annum.

18) The Petitioner has approached Hon'ble commission for tariff determination of Rs. 1.76 per KWH for entire 25 years. However the tariff submitted in the petition no 2013 of 2021 is Rs 1.00 / kWh.

19) In context of the above, the following is to mention

- a. The tariffs discovery in the tenders floated by GUVNL for procurement of power from Solar projects during that relevant period from placement of LOI (11.02.2021) to commissioning of 210 MW (10.03.2025) wasteland solar project (Babarzar) is as under

Park

Sr. No	Tender Phase & Capacity (MW)	Park	E-RA date	Tariff range (Rs/kWh)
1	XVII - 1200 MW	PARK-KHAVDA GSECL Satge-1	03.05.2023	2.73-2.89
2	XX - 1600 MW	PARK-KHAVDA GSECL Satge-2	01.07.2023	2.7-2.705
2	XXI - 1200 MW	PARK-KHAVDA GIPCL Stage-1	25.01.2024	2.54-2.55
3	XXIII - 1125 MW	PARK- KHAVDA GSECL Satge-3	02.03.2024	2.62-2.67

Non -Park

Sr. No	Tender Phase & Capacity (MW)	E-RA date	Tariff range (Rs./ KWH)
1	XI - 500 MW	19.12.2020	1.99
2	XII - 500 MW	22.03.2021	2.20-2.21
3	XIII - 500 MW	16.03.2022	2.29
4	XIV - 1000 MW	10.06.2022	2.30-2.3031
5	XVI - 1500 MW	19.09.2022	2.49
6	XVIII - 1000 MW	31.03.2023	2.51-2.5165
7	XIX - 1000 MW	20.04.2023	2.71-2.75
8	XXII - 1000 MW	26.12.2023	2.63-2.65
9	XXIV - 1000 MW	10.06.2024	2.65-2.68



10	XXV - 1000 MW	22.10.2024	2.55
11	XXVI - 500 MW	03.03.2025	2.6
12	XXVII - 1000 MW	23.07.2025	2.44-2.45

20) Petitioner in the petition has requested Hon'ble GERC to allow 100 % tariff on early part commissioned capacity. In this regard it is to mention that terms payment for procurement of power from the early part commissioned capacity at 75% PPA tariff is in accordance with the Ministry of Power, Guidelines dated 03.08.2017 for procurement of power from the Renewable Energy sources. The same has been approved by the Hon'ble Commission vide order dated 19.07.2023. Further as per the terms of the PPA, Tenure of the PPA shall be 25 years from the SCOD of the project. In consideration of the above aspects, the current provisions of PPA regarding applicability of tariff for power procurement from the early part commissioned capacity at 75% PPA tariff may be retained.

21) In consideration of the above aspects, Hon'ble Commission may allow only the prudent project cost (including change in law, delay in project etc) and also take into account the implications of GoG EPD GR No. SLR/11/2019/675/B1 dated 16.08.2019 (according to the GR, the estimated project cost is Rs.4 Crores per MW, of which 50% will be allocated by the State Government as a capital grant to the GSECL), during the tariff determination for the projects.

[Handwritten Signature]

RESPONDENT

GUJARAT URJA VIKAS NIGAM LIMITED

Place: Vadodara

Date: 20.05.2026



BEFORE THE GUJARAT ELECTRICITY REGULATORY COMMISSION

GANDHINAGAR

PETITION NO.2650 OF 2026

IN THE MATTER OF:

Gujarat State Electricity Corporation Limited - Petitioner

Versus

Gujarat Urja Vikas Nigam Limited - Respondent

AFFIDAVIT

S.R. No. 3237
Date: 20/5/2026

I, Ravirajsinh Gohil, son of Karendrasinh Gohil, aged about 40 years resident of Vadodara do hereby solemnly affirm and state as under:

1. I am the Deputy Engineer working in Gujarat Urja Vikas Nigam Limited and am well conversant with the facts of the case and able to swear to the present Affidavit.

2. I, on behalf of the Respondent, Gujarat Urja Vikas Nigam Limited, have gone through the contents of the accompanying submission and say that the contents stated therein are based on the records of the Respondent Company maintained in the normal course of business and believed by me to be true.

3. I say that the Annexures are true copies of their originals.

VERIFICATION:

I, the Deponent above named do hereby verify that the contents of my above Affidavit are true to my knowledge, no part of it is false and nothing material has been concealed therefrom.

Verified at Vadodara on this 20th day of May, 2026.

Identified before me.



Solemnly Affirmed/Declared Sworn Before me by *Ravirajsinh Gohil*
V. H. Zala
NOTARY (Govt. of India)



all
1/21
11/6/26



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

VidyutBhavan, Race Course, Vadodara, - 390007, India. Ph. 91-265-6612003, Fax: 91-265-2344537
e-mail: gmf.gsecl@gebmail.com Website: www.gsecl.in
CIN: U40100GJ1993SGC019988

GSECL/GERC Cell/2650/2026/ 744

Date: 11.06.2026.

To,
The Secretary,
Gujarat Electricity Regulatory Commission,
6th Floor, GIFT one,
Road 5C, Zone 5, GIFT City,
Gandhinagar - 382355.
GUJARAT.

GERC	
Inward No.	1-2910
Date:	11 JUN 2026
Legal	Tech
Tariff	Admin
RACIA	Acct.
IT	

Sub: Submission of public notices in respect of petitions filed before GERC for determination of tariff of sale of power from grid connected solar PV Power projects developed by GSECL in the wastelands allotted in the vicinity of GETCO Substations.

Ref: (1) Daily Order dt. 30.05.2026 in Petition No. 2650 of 2026.

Sir,

GSECL has filed Petition No. 2650/2026 before the Hon'ble Commission under Section 62 read with Section 86(1)(a) of the Electricity Act, 2003, for determination of tariff of the 210 MW Solar Photovoltaic Grid-Connected Power Project located at Babarzar.

In compliance to the directions of the Hon'ble Commission vide daily Order dt.30.05.2026, a Public Notice inviting comments/suggestions/objectives from stake holders was published on 05.06.2026 in the English newspaper *The Indian Express* and the Gujarati newspapers *Divya Bhaskar* and *Sandesh* (all editions).

Further, in compliance with the Daily Order dated 30.05.2026, the newspaper publication clippings, duly supported by an Affidavit, and are hereby submitted in five sets.

It is requested to apprise the Hon'ble Commission accordingly.

Thanking You,

For Gujarat State Electricity Co. Ltd.

→ APCLs
Gstate
11/06/2026

(Shubhadeep Sen)
General Manager (F & A) & CFO

Encl: As above.

Sent for uploading on the website
11/06/2026

**BEFORE GUJARAT ELECTRICITY REGULATORY COMMISSION
GANDHINAGAR**

Filing No:

Case No.: 2650 of 2026

IN THE MATTER OF	Petition under Section 62 read with Section 86 (1)(a) of the Electricity Act 2003 for determination of tariff of 210 MW Solar Photovoltaic Grid Connected Power Project located at Babarzar, Dist.: Jamnagar established by GSECL.
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AND

IN THE MATTER OF	Gujarat State Electricity Corporation Ltd. Vidyut Bhavan Race Course, Vadodara – 390 007 Petitioner
-------------------------	--

AND

IN THE MATTER OF	Gujarat Urja Vikas Nigam Limited Ltd. Sardar Patel Vidyut Bhavan Race Course, Vadodara – 390 007 Respondent
-------------------------	--

THE PETITIONER ABOVE NAMED RESPECTFULLY SUBMITS AS UNDER

- 1.0 The petitioner M/s. Gujarat State Electricity Corporation Limited (GSECL) had filed present Petition No. 2650 of 2026 before Hon'ble Commission for determination of Tariff for sale of power from 210 MW Solar Photovoltaic Grid Connected Power Project located at Babarzar, District: Jamnagar. This plant was declared commercially operational on 08.01.2025 (19.09 MW), 08.02.2025 (80.09 MW) & 10.03.2025 (101.82 MW). Accordingly, the date of commercial operation of 210 MW was on 10.03.2025. Thereafter, GSECL entered into Power Purchase Agreement (PPA) for sale of power from this project with M/s. Gujarat Urja Vikas Nigam Limited (GUVNL) on 16.06.2025.
- 2.0 Hon'ble Commission heard the Petition on 21.05.2026 and thereafter, daily order was issued on 30.05.2026. Pursuant to the daily order dt. 30.05.2026, Hon'ble Commission through Para No. 2.2 has directed GSECL to submit certain documents and details. Our submission in this regard is as under: -
- 2.1 It is most respectfully submitted that the copies of the EPC supply & work orders and O&M contract, Board Resolution, Power Purchase Agreement (PPA), and other technical details have already been submitted along with the petition for kind consideration of the Hon'ble Commission. Details of the said documents/details along with Annexure No. and Page No. of petition submitted along with the petition on 29.04.2026 are as under: -

Particulars	Annexure No.	Page No. of the Petition
Revenue Department's G.R. No: JMN-3919-259-A1	A	24
Government of Gujarat G.R. No. SLR/11/2019/675/B1	B	27
Board Resolution No. 163.16.5288 dt. 11.07.2019	C	30
Supply Order	E1	32
Work Order	E2	51
Operation & Maintenance Order	F	78
Power Purchase Agreement	I	86

As regards the sources of finance for this project, it is most respectfully submitted that this project has been developed under the scheme notified by GoG to developed solar power projects in government waste lands allocated to GSECL in the vicinity of GETCO substations. The land was made available at a nominal lease of ₹1 per hectare for period of 30 years. Moreover, 50% of project cost has been provided by state government in the form of capital grant. Balance 50% amount has been funded by GSECL from own funds. No loans were taken by GSECL for this project. Accordingly, GSECL has submitted the petition considering 50% of the project cost for working of tariff. The details regarding the sources of finance have already been submitted in the petition. (Section 2.3: Page 14 of the submitted petition)

- 2.2 As regards the directives of Hon'ble Commission to issue a Public notice inviting suggestions/comments/objections from stakeholders and also to upload the petition along with all relevant documents on website of GSECL, The Petitioner most respectfully submits that the Public Notice as directed by Hon'ble Commission, has been published on 05.06.2026 in English newspaper 'Indian Express' and Gujarati newspapers 'Divya Bhaskar' & 'Sandesh'. Copies of the Public Notices published in newspapers are enclosed herewith. (Annexure I and II). It is kindly requested to apprise Hon'ble Commission in this regard.

The details of the "Notice" published in newspapers are as under:

1	Name of News papers	1. 'Indian Express' (In English) 2. 'Divya Bhaskar' & 'Sandesh' (In Gujarati)
2	Date of publication	05.06.2026.
3	Center to avail copy of Application	Accounts Department, Gujarat State Electricity Corporation Limited (GSECL), Vidyut Bhavan, Race Course, Vadodara – 390 007
4	Electronic Copy	Available on Web site www.gsecl.in
5	Last date of filling affidavit before secretary GERC for objections / suggestions	04.07.2026

The clippings of the relevant newspapers dt. 05.06.2026 marked as Annexure-I and II are submitted herewith for perusal. Kindly apprise Hon'ble Commission accordingly.

- 2.3 It is humbly submitted that this project has been commercially operational since 10.03.2025 and till April-2026, 415 MUs energy have already been supplied to GUVNL from this project. However, in absence of approved tariff, GSECL is unable to claim for sale of power from this project. Moreover, it is pertinent to mention that GUVNL and DISCOMs are realizing revenue from consumers against this power, but as a generator GSECL is not getting any revenue, which hampers the financial position and cash flow of the company. It is therefore most respectfully submitted to approve provisional tariff of at least 95% of the proposed tariff till the final order in this petition is issued by Hon'ble commission.

3.0 PRAYER:

1. The Petitioner requests to take the note of the submission made under the above paras and appraise Hon'ble Commission accordingly.
2. It is most respectfully submitted to approve the provisional tariff of at least 95% of the proposed tariff and issue suitable directives to claim cost of energy supplied from the date of commercial operation of 1st phase of 19.09 MW i.e., 08.01.2025.
3. The Petitioner requests the Hon'ble Commission to approve any other relief, if deemed fit.
4. The Petitioner craves leave to submit further details or make additional submissions in the Petition.


Petitioner

Gujarat State Electricity Corporation Limited

Place: Vadodara.
Date: 08.06.2026

Declaration:

The Petitioner hereby declares that the subject matter of the petition has not been raised by the petitioner before any other forum, and that no other forum has passed any orders in relation thereto.

Place: Vadodara
Date: 08.06.2026


Petitioner

Gujarat State Electricity Corporation Limited

S.R. No. 3896
Date: 8/6/2026

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BEFORE GUJARAT ELECTRICITY REGULATORY COMMISSION
GANDHINAGAR

Filing No: -

Case No: - 2650 of 2026

IN THE MATTER OF	Petition under Section 62 read with Section 86 (1)(a) of the Electricity Act 2003 for determination of tariff of 210 MW Solar Photovoltaic Grid Connected Power Project located at Babarzar, Dist.: Jamnagar established by GSECL.
AND	
IN THE MATTER OF	Gujarat State Electricity Corporation Ltd. Vidyut Bhavan Racecourse, Vadodara – 390 007 Petitioner
AND	
IN THE MATTER OF	Gujarat Urja Vikas Nigam Limited Ltd. Sardar Patel Vidyut Bhavan Race Course, Vadodara – 390 007 Respondent


Affidavit verifying the Application

I, Sanketkumar M. Solanki, son of Shri Manishkumar U. Solanki, aged 30 years, working at GSECL, Vidyut Bhavan, Race Course, Vadodara do solemnly affirm and say it as follows:

I am Deputy Engineer (Commerce/GERC) of M/s. Gujarat State Electricity Corporation Limited, the Petitioner in the above matter and am duly authorized by the said Petitioner to make this affidavit.

The Statements made herein above are true to the best of my knowledge and belief, which I believe them to be true.

Solemnly affirmed at Vadodara on this 08th day of June'2026, that the contents of the above affidavit are true to the best of my knowledge, no part of it is false and nothing material has been concealed there from.


(Sanketkumar M. Solanki)
Deputy Engineer (Commerce/GERC)

Place: Vadodara.
Date: 08.06.2026



Solemnly Affirmed/Declared
Sworn Before me by Sanketkumar M. Solanki
V. H. Zala
V. H. ZALA
NOTARY (Govt. of India)

ANNEXURE-I

CLIPPING OF PUBLIC NOTICE ISSUED BY GSECL PETITION NO.2650/2026
PUBLISHED ON: 05.06.2026 IN ENGLISH NEWS PAPER 'INDIAN EXPRESS':

THE INDIAN EXPRESS

8 FRIDAY, JUNE 5, 2026



GUJARAT STATE ELECTRICITY CORPORATION LIMITED

Vidyut Bhavan, Race Course, Vadodara, - 390007, India. Ph. 91-265-6612003, Fax: 91-265-2344537
e-mail: gmf.gsecl@gebmall.com Website: www.gsecl.in
CIN: U40100GJ1993SGC019988

PUBLIC NOTICE

Gujarat State Electricity Corporation Limited has filed Petition before Gujarat Electricity Regulatory Commission for determination of tariff of 210 MW Solar Photovoltaic Grid connected Power Projects located at Babarzar, District Jamnagar under Section 62 read with section 86 (i)(a) of the Electricity Act 2003 and as per MYT regulation 2016. Said petition has been registered as Case No. 2650 of 2026 by Hon'ble commission.

This Tariff Petition along with other relevant documents is uploaded on our website www.gsecl.in. Interested persons may download the petition and file comments with The Secretary, Gujarat Electricity Regulatory Commission, 6th Floor, GIFT ONE, Road 5-C, Zone 5, GIFT City, Gandhinagar - 382355 with the documents, on which they want to rely upon, in five sets, duly supported by an affidavit on or before 04.07.2026. One copy of such submission is required to be sent to the below mentioned address also.

The copies of the petition are also available for inspection at the Office of the General Manager (Finance & Accounts), Gujarat State Electricity Corporation Limited, Vidyut Bhavan, Race Course, Vadodara - 390 007. Interested persons can also obtain copy of the tariff petition by payment of ₹300/- (₹Three hundred only) per petition from our office.

For obtaining the copy of the petition by post, postage fee @ ₹50/- (₹Fifty only) per petition will be payable extra. The total amount in such event be sent by Money Order or Demand Draft payable in favour of Gujarat State Electricity Corporation Ltd., Vadodara.

For Gujarat State Electricity Corporation Ltd.,

Sd/-

General Manager (Finance & Accounts)
Gujarat State Electricity Corporation Limited,
Vidyut Bhavan, Race Course,
Vadodara - 390 007.

ANNEXURE-II

CLIPPING OF PUBLIC NOTICE ISSUED BY GSECL PETITION NO.2650/2026
PUBLISHED ON 05.06.2026 IN VERNACULAR GUJARATI NEWS PAPER "DIVYA
BHASKAR":

દિવ્ય ભાસ્કર

વડોદરા, શુક્રવાર, 5 જૂન, 2026 | 15



GSECL

GUJARAT STATE ELECTRICITY CORPORATION LIMITED

VidyutBhavan, Race Course, Vadodara - 390007, India.

Ph. 91-265-6612003, Fax: 91-265-2344537

e-mail: gmf.gsecl@gebmail.com Website: www.gsecl.in

CIN: U40100GJ1993SGC019988

જાહેર સૂચના

ગુજરાત સ્ટેટ ઈલેક્ટ્રીસીટી કોર્પોરેશન લીમીટેડ દ્વારા સ્થાપિત જામનગર જિલ્લાના બબરઝર માટે સ્થિત ૨૧૦ મેગાવોટ સોલાર કોટોવોલ્ટેઈક ગ્રીડ કનેક્ટેડ પાવર પ્રોજેક્ટ માં થી ઉત્પાદિત થતી વિજળી ના વીજ દર નિર્ધારિત કરવા માટે ની પીટીશન ઈલેક્ટ્રીસીટી એક્ટ ૨૦૦૩ ની કલમ - ૬૨ કલમ અને ૮૬ (i) (ii) તેમજ મલ્ટી ઈથર ટેરીફ રેગ્યુલેશન, ૨૦૧૬ ની જોગવાઈઓ હેઠળ ગુજરાત વીજ નિયમન પંચ સમક્ષ રજૂ કરવામાં આવેલ છે. સદર પીટીશનનો નોંધણી ક્રમાંક - ૨૬૫૦/૨૦૨૬ આપવામાં આવેલ છે.

સદર પીટીશન તથા તેને સંલગ્ન દસ્તાવેજો કંપનીની વેબસાઈટ www.gsecl.in પર ઉપલબ્ધ છે. સંબંધિત વ્યક્તિ/સંસ્થાઓ સદર પીટીશન બાબતે પોતાના સૂચનો તેને સંલગ્ન દસ્તાવેજો સાથે, પાંચ નકલોમાં જરૂરી સોગંદનામા સાથે ગુજરાત વીજ નિયમન પંચ, છઠ્ઠી માળ, ગિફ્ટ વન, પન્સી રોડ, વિભાગ-૫, ગીફ્ટ સીટી, ગાંધીનગર-૩૮૨૩૫૫ ની કચેરીમાં તા. ૦૪/૦૭/૨૦૨૬ સુધીમાં રજૂ કરી શકે છે. સદર સૂચનોની એક નકલ ગુજરાત સ્ટેટ ઈલેક્ટ્રીસીટી કોર્પોરેશન લીમીટેડ ના નીચે જણાવેલા સરનામા પર પણ મોકલવા વિનંતી છે.

સદર પીટીશનની નકલ અવલોકન માટે જનરલ મેનેજર (નાણાં અને હિસાબ), ગુજરાત સ્ટેટ ઈલેક્ટ્રીસીટી કોર્પોરેશન લીમીટેડ, વિદ્યુત ભવન, રેસકોર્સ, વડોદરા-૩૯૦૦૦૭ ની કચેરીમાં ઉપલબ્ધ છે. તેમજ પીટીશનની નકલ સદર કચેરીમાં રૂ. ૩૦૦/- (રૂપિયા ત્રણસો પુરા) ભરપાઈ કરીને મેળવી શકાશે.

પીટીશનની નકલ ટપાલ દ્વારા મેળવવા માટે ટપાલ ખર્ચ પેટે રૂ. ૫૦/- (રૂપિયા પચાસ પુરા) વધારાના ભરપાઈ કરવાના રહેશે. આમ, પીટીશનની નકલ તેમજ ટપાલ ખર્ચની કુલ રકમ મનીઓર્ડર/ડિમાન્ડ ડ્રાફ્ટ દ્વારા ગુજરાત સ્ટેટ ઈલેક્ટ્રીસીટી કોર્પોરેશન લીમીટેડ ના નામે મોકલવાના રહેશે.

વતી, ગુજરાત સ્ટેટ ઈલેક્ટ્રીસીટી કોર્પોરેશન લીમીટેડ

Sd/-

જનરલ મેનેજર (નાણાં અને હિસાબ)
ગુજરાત સ્ટેટ ઈલેક્ટ્રીસીટી કોર્પોરેશન લીમીટેડ
વિદ્યુત ભવન, રેસકોર્સ, વડોદરા-૩૯૦૦૦૭

ANNEXURE-II

CLIPPING OF PUBLIC NOTICE ISSUED BY GSECL PETITION NO.2650/2026
PUBLISHED ON 05.06.2026 IN VERNACULAR GUJARATI NEWS PAPER
"SANDESH":

08 SANDESH**FRIDAY, 05•06•2026****GUJARAT STATE ELECTRICITY CORPORATION LIMITED**

Vidyutbhavan, Race Course, Vadodara-390007, India,

Ph. 91-265-6612003, Fax 91-265-2344537

e-mail : gmf.gsecl@gebmail.com Website: www.gsecl.in

CIN: U40100GJ1993SGC019988

જાહેર સૂચના

ગુજરાત સ્ટેટ ઇલેક્ટ્રીસિટી કોર્પોરેશન લીમીટેડ દ્વારા સ્થાપિત જામનગર જિલ્લાના બબરઝર ખાતે સ્થિત ૨૧૦ મેગાવોટ સોલાર ફોટોવોલ્ટેઈક સીડ કનેક્ટેડ પાવર પ્રોજેક્ટમાંથી ઉત્પાદિત થતી વિજળીના વીજ દર નિર્ધારિત કરવા માટે ની પીટીશન ઇલેક્ટ્રીસિટી એક્ટ - ૨૦૦૩ ની કલમ-૬૨ કલમ અને ૪૬ (i)(a) તેમજ મલ્ટી ઈયર ટેરીફ રેગ્યુલેશન, ૨૦૧૬ ની જોગવાઈઓ હેઠળ ગુજરાત વીજ નિયમન પંચ સમક્ષ રજૂ કરવામાં આવેલ છે. સદર પીટીશનનો નોંધણી ક્રમાંક-૨૬૫૦/૨૦૨૬ આપવામાં આવેલ છે.

સદર પીટીશન તથા તેને સંલગ્ન દસ્તાવેજો કંપનીની વેબસાઈટ (www.gsecl.in પર ઉપલબ્ધ છે. સંબંધિત વ્યક્તિ/સંસ્થાઓ સદર પીટીશન બાબતે પોતાના સૂચનો તેને સંલગ્ન દસ્તાવેજો સાથે, પાંચ નકલોમાં જરૂરી સોગંદનામા સાથે ગુજરાત વીજ નિયમન પંચ, છશ્રો માળ, ગિફ્ટ વન, પ-સી રોડ, વિભાગ-૫, ગીફ્ટ સીટી, ગાંધીનગર-૩૮૨૩૫૫ ની કચેરીમાં તા. ૦૪/૦૭/૨૦૨૬ સુધીમાં રજૂ કરી શકે છે. સદર સૂચનોની એક નકલ ગુજરાત સ્ટેટ ઇલેક્ટ્રીસિટી કોર્પોરેશન લીમીટેડ ના નીચે જણાવેલ, સરનામા પર પણ મોકલવા વિનંતી છે.

સદર પીટીશનની નકલ અવલોકન માટે જનરલ મેનેજર (નાણાં અને હિસાબ), ગુજરાત સ્ટેટ ઇલેક્ટ્રીસિટી, કોર્પોરેશન લીમીટેડ, વિદ્યુત ભવન રેસકોર્સ, વડોદરા-૩૯૦૦૦૭ ની કચેરીમાં ઉપલબ્ધ છે. તેમજ પીટીશનની નકલ સદર કચેરીમાં રૂ.૩૦૦/- (રૂપિયા ત્રણસો પુરા) ભરપાઈ કરીને મેળવી શકાશે.

પીટીશનની નકલ, ટપાલ દ્વારા મેળવવા માટે ટપાલ ખર્ચ પેટે રૂ.૫૦/- (રૂપિયા પચાસ પુરા) વધારા ભરપાઈ કરવાના રહેશે. આમ પીટીશનની નકલ તેમજ ટપાલ ખર્ચની કુલ રકમ મનીઓર્ડર/ડિમાન્ડ ડ્રાફ્ટ દ્વારા ગુજરાત સ્ટેટ ઇલેક્ટ્રીસિટી કોર્પોરેશન લીમીટેડ ના નામે મોકલવાના રહેશે.

વતી, ગુજરાત સ્ટેટ ઇલેક્ટ્રીસિટી કોર્પોરેશન લીમીટેડ

Sd/-

જનરલ મેનેજર (નાણાં અને હિસાબ)

ગુજરાત સ્ટેટ ઇલેક્ટ્રીસિટી કોર્પોરેશન લીમીટેડ

વિદ્યુત ભવન, રેસકોર્સ, વડોદરા-૩૯૦૦૦૭