

**CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

**Petition No. 303/TL/2019**

**Coram:**  
**Shri P. K. Pujari, Chairperson**  
**Dr. M. K. Iyer, Member**  
**Shri I.S.Jha, Member**

**Date of Order: 19<sup>th</sup> December, 2019**

**In the matter of:**

Application under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission Licence and other related matters) Regulations, 2009 with respect to Transmission License to Powergrid Khetri Transmission System Limited.

**And  
In the matter of**

Powergrid Khetri Transmission System Limited  
B-9, Qutab Institutional Area  
Katwarai Sarai  
New Delhi-110016

.... **Petitioner**

**Vs**

1) ACME Solar Holdings Limited  
Plot 152, Sector-44, Gurgaon  
Haryana-122002

2) Mahoba Solar (UP) Private Limited  
Adani House, 4<sup>th</sup> Floor, South Wing  
Shantigram, S.G. Highway  
Ahmedabad-382421

3) Hero Solar Energy Private Limited  
202, 2<sup>nd</sup> Floor, Okhla Industrial Estate  
Phase-3  
New Delhi-110020

4) Mahindra Susten Private Limited  
6<sup>th</sup> Floor, AFL House, Lok Bharti Complex  
Marol Maroshi Road



Andheri (E), Mumbai  
Maharashtra-400059

5) Azure Power India Private Limited  
3<sup>rd</sup> Floor, 301-304 & 307, Worldmark-3  
Aerocity, New Delhi-110037

6) ReNew Solar Power Private Limited  
Commercial Block-1, Zone-6 Golf Course Road  
DLF City, Phase-5, Gurugram-122009

.....Respondents

**Parties present:**

1. Shri B. Vamsi, KTL
2. Ms. Joyti Prasad, CTU
3. Shri Siddarth Sharma, CTU
4. Yatin Sharma, CTU

**ORDER**

The Petitioner, Powergrid Khetri Transmission System Limited, has filed the present Petition for grant of transmission licence under Section 14 of the Electricity Act, 2003 (hereinafter referred to as "the Act") read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission Licence and other related matters) Regulations, 2009 (hereinafter referred to as 'Transmission Licence Regulations') to establish Transmission System for "Transmission system associated with LTA application from Rajasthan SEZ (Part-C)" (hereinafter referred to as "Transmission System" or "Project") on Build, Own, Operate and Maintain (BOOM) basis comprising the following elements:

<b>Sr. No.</b>	<b>Name of the Transmission Element</b>	<b>Completion Target</b>
1.	Establishment of 765/400kV, 2x1500 MVA S/s at suitable location near Khetri with 765 kV (2x240MVAR) and 400 kV (1x125 MVAR) bus reactor <ul style="list-style-type: none"><li>• 765/400kV- 2x1500MVA</li><li>• 765kV ICT bay-2</li><li>• 400kV ICT bay-2</li></ul>	17 months (December, 2020)



Sr. No.	Name of the Transmission Element	Completion Target
	<ul style="list-style-type: none"> <li>• 400kV line bay-2</li> <li>• 765kV line bay-2</li> <li>• 240 MVAR (765kV) Bus Reactor -2</li> <li>• 125 MVAR (400 kV) Bus Reactor -1</li> <li>• 765 kV Reactor bay – 2</li> <li>• 400 kV Reactor bay -1</li> <li>• 1X500 MVA, 765/ 400 kV, 1-ph ICT (spare unit)</li> <li>• 1X80 MVAR, 765 kV, 1-ph Reactor (spare unit) (for both 1X240 MVAR bus reactor and 2X240 MVAR line reactor on Bikaner – Khetri 765kV D/c line at Khetri end)</li> </ul> <p>Future provisions: Space for: 765/ 400 kV ICTs along with bays: 2 nos. 400/220 kV ICTs along with bays: 4 nos. 765 kV line bays: 4nos 400 kV line bays: 4nos. 220 kV line bays: 7nos</p>	
2.	Khetri – Sikar (PG) 400 kV D/c line (AL59)	
3.	400 kV line bays at Sikar (PG) for Khetri – Sikar (PG) 400kV D/c line (Twin AL59)	
4.	Khetri– Jhatikara 765kV D/c line	
5.	765kV bays at Jhatikara for Khetri– Jhatikara 765kV D/c line	
6.	<p>1x240 MVAR Switchable Line reactors for each circuit at Jhatikara end of Khetri – Jhatikara 765kV D/c line along with reactor bays</p> <ul style="list-style-type: none"> <li>• 1X80 MVAR, 765 kV, 1-ph Reactor (spare unit) (for 240 MVAR line reactor on each ckt of Khetri – Jhatikara 765 kV D/c line at Jhatikara end)</li> </ul>	

3. Based on the competitive bidding carried out by REC Transmission Projects Company Limited (hereinafter referred to as RECTPCL) in accordance with the Guidelines issued by Ministry of Power, Govt. of India under Section 63 of the Act, M/s Power Grid Corporation of India Limited emerged as the successful bidder with the

lowest levelized transmission charges of ₹ 1220.42 million/annum.

4. The Commission after considering the application of the Petitioner in the light of the provisions of the Act and the Central Electricity Regulatory Commission (Procedure, Terms and Conditions for grant of Transmission Licence and other related matters) Regulations, 2009 *prima facie* proposed to grant licence to the Petitioner. Relevant para of our order dated 26.11.2019 is extracted as under:

“16. We have considered the submissions of the Petitioner. The proviso to Clause 2.4 of the RfP provides that "if for any reason attributable to the BPC, the said activities are not completed by the Selected Bidder within the above period of ten (10) days as mentioned in this clause, such period of 10 days shall be extended, on a day to day basis till the end of the Bid validity period". Though Lol was issued on 31.7.2019, BPC, vide its letters dated 6.8.2019, 20.8.2019 and 29.8.2019, in terms of Clauses 2.4, 2.5 and 2.6 of RfP extended the date upto 6.9.2019 for completion of all activities by the successful bidder. The selected bidder furnished the Contract Performance Guarantee to the Long Term Transmission Customers of the Project for an amount of Rs. 66.15 crore and has acquired hundred percent equity-holding in the applicant company on 29.8.2019 after execution of the Share Purchase Agreement. The TSP on behalf of the selected bidder filed the application for grant of transmission licence and adoption of tariff on 6.9.2019. Considering the material on record, we are *prima-facie* of the view that the Petitioner satisfies the conditions for grant of inter-State transmission licence under Section 15 of the Act read with Transmission Licence Regulations for construction, operation and maintenance of the transmission system as described in para 1 of this order. We, therefore, direct that a public notice under clause (a) of sub-section (5) of Section 15 of the Act be published to invite suggestions or objections to grant of transmission licence aforesaid. The objections or suggestions, if any, be filed by any person before the Commission by 11.12.2019.”

5. A public notice under Section 15 (5) of the Act was published on 5.12.2019 in all editions of Indian Express and Hindustan (Hindi). No suggestions/objections have been received from the members of the public in response to the public notice.

6. The Petitioner, vide order dated 26.11.2019, was directed to file an affidavit to the effect that the execution of the transmission project shall not be delayed due to time



taken in obtaining statutory clearances required under RfP and the TSA or adjudication of any claim of the Petitioner arising under the TSA. In response, the Petitioner vide its affidavit dated 2.12.2019 has submitted that the transmission project is governed by the pre-signed TSA dated 23.4.2019 and all the terms of the TSA including Article 16 of the TSA are integral part of the TSA and are binding on the signatories of the agreement. The Petitioner has submitted that in terms of the TSA, it would implement the project as per the provisions of the Article 16.4 of the TSA which is extracted as under:

"16.4. Parties to Perform Obligation: Notwithstanding the existence of any Dispute and difference referred to the Appropriate Commission or the Arbitration Tribunal as provided in Article 16.3 and save as the Appropriate Commission or the Arbitration Tribunal may otherwise direct by a final or interim order, the Parties hereto shall continue to perform their respective obligations (which are not in dispute) under this Agreement."

7. The Petitioner has submitted that the time over-run and cost over-run shall be claimed by the Petitioner in accordance with the applicable provisions of the TSA read with the provisions of the Electricity Act, 2003, bidding documents and the Regulations of the Commission.

8. In our order dated 26.11.2019, the following provisions of the TSA with regard to quality control and workmanship were taken note of:

(a) As per Article 5.1.1 of the TSA, the TSP at its own cost and expense, shall be responsible for designing, constructing, erecting, completing and commissioning each element of the project by Scheduled COD in accordance with the various regulations of the Central Electricity Authority.

(b) Article 5.4 of the TSA provides that the TSP shall ensure that the project is designed, built and completed in a good workmanlike manner using sound



engineering and construction practices and using only materials and equipment that are new and of international utility grade quality such that the useful life of the project will be till the expiry date.

(c) The design, construction and testing of all equipment, facilities, components and systems of the project shall be in accordance with Indian Standards and Codes issued by Bureau of India Standards.

Accordingly, the Petitioner was directed to submit the information with regard to quality control mechanism available or to be put in place to ensure the compliance of the requirements stipulated in Article 5.1.1 and Article 5.4 of the TSA.

9. The Petitioner, vide its affidavit dated 2.12.2019, has submitted that in terms of the TSA, the applicant would implement the project as per the provisions of the Article 5 dealing with construction of the project. The Petitioner has submitted that the provisions of the TSA including those related to quality control during construction of the project are binding on the parties. The Petitioner has submitted that it is a wholly owned subsidiary of Power Grid Corporation of India Ltd. (PGCIL) and follows the same quality standards and practices as are being followed by PGCIL.

10. We have considered the submission of the Petitioner. In the TSA, there is provision for the lead procurer to designate at least three employees for inspection of the progress of the project. Further, the Petitioner is required to give a monthly progress report to the lead procurer and the CEA about the project and its execution. The TSA also vests a responsibility in the CEA to carry out random inspection of the project as



and when deemed necessary. We consider it necessary to request CEA to devise a mechanism for random inspection of the project every three months to ensure that the project is not only being executed as per the schedule, but the quality of equipment and workmanship of the project conforms to the Technical Standards and Grid Standards notified by CEA and IS Specifications. In case of slippage in execution of the project within the timeline specified in the TSA or any non-conformance to the Grid Standards/Technical Standards/IS Specifications. CEA is requested to promptly bring the same to the notice of the Commission so that appropriate direction can be issued to the licensee for compliance.

11. Vide order dated 26.11.2019, CTU was directed to confirm that it has complied with the provisions of Regulation 9 of the Central Electricity Regulatory Commission (Planning, Coordination and Development of Economic and Efficient Inter-State Transmission System by Central Transmission Utility and other related matters) Regulations, 2018 (hereinafter referred to as 'the Planning Regulations'). CTU vide its affidavit dated 4.12.2019 has submitted that the transmission elements proposed to be implemented by the Petitioner is part of transmission system for Solar Energy Zones (SEZs) in Rajasthan (8.9 GW) for which CTU had filed Petition No. 23/MP/2019. As per the submissions made by the CTU in said Petition No. 23/MP/2019, compliance of requirement as per Regulations 9.1 and 9.2 of the Planning Regulations were also included and the Commission in its order dated 9.8.2019 has granted regulatory approval for execution of the Scheme. CTU has submitted that CTU through its recommendation for grant of transmission licence to the Petitioner has also placed documents on record regarding compliance of Regulations 9.1 and 9.2 of the Planning



Regulations.

12. As regard the grant of transmission licence, Clauses (15) and (16) of Regulation 7 of Transmission Licence Regulations provide as under:

“(15) The Commission may after consideration of the further suggestions and objections, if any, received in response to the public notice aforesaid, grant licence as nearly as practicable in Form-III attached to these regulations or for reasons to be recorded in writing, reject the application if such application is not in accordance with the provisions of the Act, the rules or regulations made thereunder or any other law for the time being in force or for any other valid reasons.

(16) The Commission may, before granting licence or rejecting the application, provide an opportunity to the applicant, the Central Transmission Utility, the Long-term customers, or the person who has filed suggestions and objections, or any other person:

Provided further that the applicant shall always be given a reasonable opportunity of being heard before rejecting the application.”

13. In our order dated 26.11.2019, we had proposed to grant transmission licence to the Petitioner company and directed for issue of public notice. In response to the public notice, no suggestions/objections have been received. We are satisfied that the Petitioner company meets the requirements of the Act and the Transmission Licence Regulations for grant of transmission licence for the subject transmission system mentioned at para 1 of this order. Accordingly, we direct that transmission licence be granted to the Petitioner, Powergrid Khetri Transmission System Limited, to establish the transmission system for “Transmission system associated with LTA application from Rajasthan SEZ (Part-C)” on Build, Own, Operate and Maintain basis as per the details given in para 1 above.

14. The grant of transmission licence to the Petitioner (hereinafter referred to as the





'licensee') is subject to the fulfillment of the following conditions throughout the period of licence:

(a) The transmission licence shall, unless revoked earlier, remain in force for a period of 25 years;

(b) The transmission licensee shall comply with the provisions of the Transmission Licence Regulations or any subsequent enactment thereof and the terms and condition of the TSA during the period of subsistence of the licence.

(c) Since the expiry date as per the TSA is 35 years from the scheduled COD of the project, the licensee may make an application, two years before the expiry of initial licence period, for grant of licence for another term in accordance with Regulation 13 (2) of the Transmission Licence Regulations which shall be considered by the Commission in accordance with law;

(d) The licensee shall not enter into any contract for or otherwise engage in the business of trading in electricity during the period of subsistence of the transmission licence;

(e) The licensee shall have the liability to pay the license fee in accordance with the provisions of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012, as amended from time to time or any subsequent enactment thereof. Delay in payment or non-payment of licence fee or a part thereof for a period exceeding sixty days shall be construed as breach of the terms and conditions of the licence;



(f) The licensee shall comply with the directions of the National Load Despatch Centre under Section 26 of the Act, or the Regional Load Despatch Centre under sub-section (3) of Section 28 or sub-section (1) of Section 29 of the Act, as may be issued from time to time for maintaining the availability of the transmission system;

(g) The licensee shall remain bound by the Central Electricity Regulatory Commission (Standard of Performance of inter-State Transmission Licensees) Regulations, 2012 or subsequent enactment thereof.

(h) The licensee shall provide non-discriminatory open access to its transmission system for use by any other licensee, including a distribution licensee or an electricity trader, or generating company or any other person in accordance with the Act, Central Electricity Regulatory Commission (Open Access in inter-State Transmission) Regulations, 2008 and Central Electricity Regulatory Commission (Grant of Connectivity, Long-term Access and Medium-term Open Access in inter-State Transmission and related matters) Regulations, 2009 as amended from time to time and Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2010 as amended from time to time or any subsequent re-enactment thereof;

(i) The licensee shall not undertake any other business for optimum utilization of the transmission system without prior intimation to the Commission and shall comply with the provisions of the Central Electricity Regulatory

Commission (Sharing of revenue derived from utilization of transmission assets for other business) Regulations, 2007, as amended from time to time;

(j) The licensee shall remain bound by the Central Electricity Regulatory Commission (Sharing of inter-State Transmission Charges and Losses) Regulations, 2010 as amended from time to time;

(k) The licensee shall remain bound by the provisions of the Act, the rules and regulations framed thereunder, in particular the Transmission Licence Regulations, the Grid Code, the Standards specified by the Central Electricity Authority, orders and directions of the Commission issued from time to time;

(l) The licensee shall ensure execution of the project within timeline specified in the Schedule 3 of the TSA and as per the Technical Standards and Grid Standards of CEA prescribed in Article 5.1.1 and Article 5.4 of the TSA;

(m) The licensee shall as far as practicable coordinate with the licensee (including deemed licensee) executing the upstream or downstream transmission projects and the Central Electricity Authority for ensuring execution of the project in a matching timeline; and

(n) The licensee shall submit all such report or information as may be required under Transmission Licence Regulations, Standard of Performance Regulations, Transmission Service Agreement or any other regulation of the Commission or as per the directions of the Commission as may be issued from time to time.



15. Central Electricity Authority shall monitor the execution of the project and bring to the notice of the Commission any lapse on the part of the licensee to meet the schedule for further appropriate action in accordance with the provisions of the Act and Transmission Licence Regulations.
16. A copy of this order shall be sent to CEA for information and necessary action.
17. Petition No. 303/TL/2019 is disposed of in terms of the above.

**Sd/-  
(I.S.Jha)  
Member**

**sd/-  
(Dr. M. K. Iyer)  
Member**

**sd/-  
(P. K. Pujari)  
Chairperson**