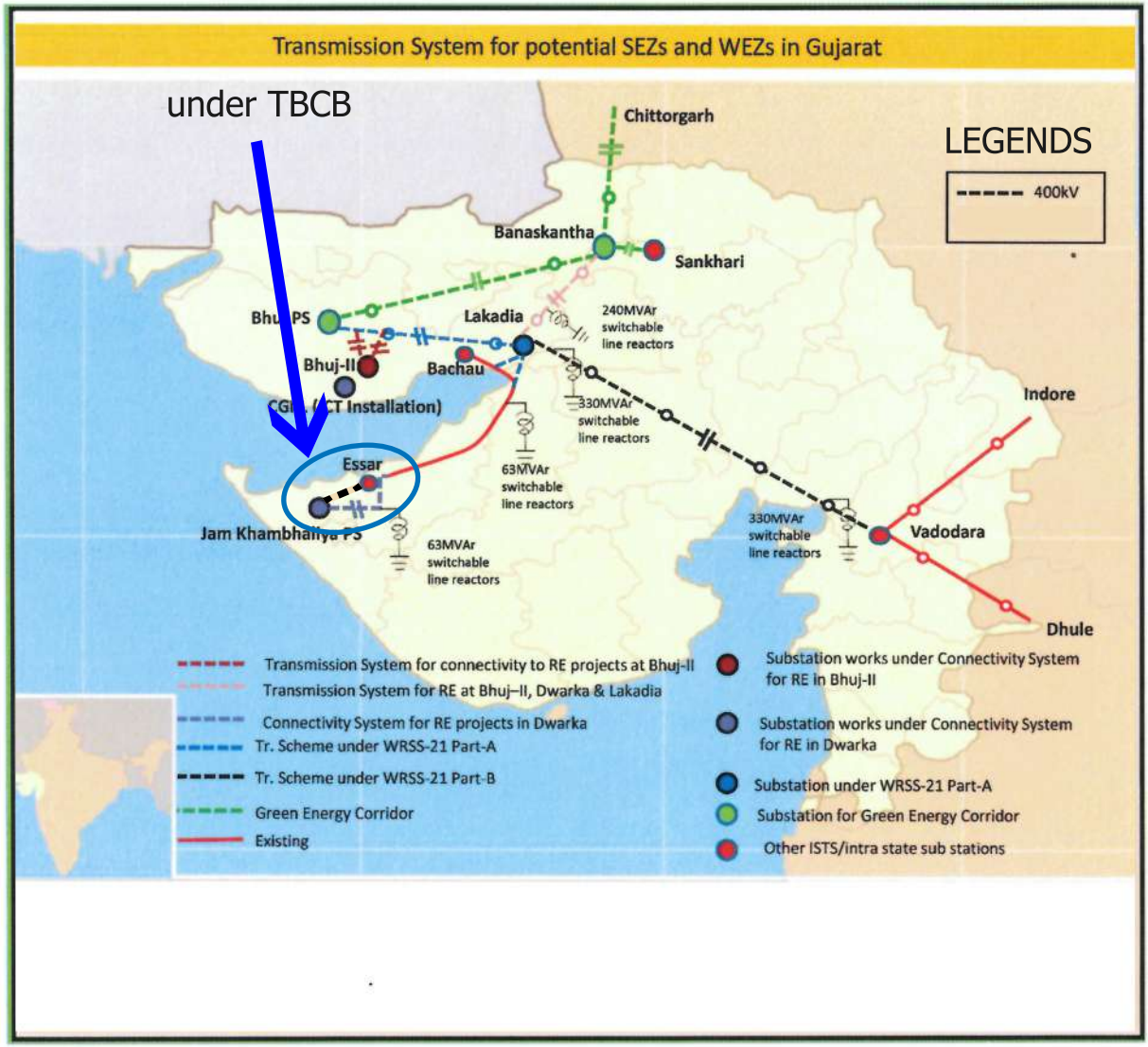
Amendment – I dated 01.02.2019 on the RFQ Document issued for short listing of Bidders as Transmission Service Provider to establish Transmission System for "Jam Khambaliya Pooling Station and Interconnection of Jam Khambaliya Pooling Station for Providing Connectivity to Re Projects (1500 MW) in Dwarka (Gujarat) and Installation of 400/220kV ICT along with associated Bays at M/s CGPL Switchyard" through Tariff Based Competitive Bidding Process

Sl. No.	Clause No.	Existing Provisions	New / Revised Clause
1.	Clause 1.3 of RFQ	Project Description The project has been planned to provide connectivity to RE projects. In the 3rd meeting of Empowered Committee on Transmission (ECT) held on 21.12.2018, it was decided that the scheme may be implemented through TBCB.	Project Description **Connectivity System for RE projects (1500 MW) in Dwarka (Gujarat)** **Govt. of India has set a target for establishing 175 GW renewable capacity by 2022 which includes 100 GW Solar, 60 GW Wind generation capacity. This includes wind potential of about 6GW in Bhuj complex, 2GW in Lakadia and 1.5GW in Dwarka. For integration and evacuation of power from generation projects in the above areas, a high capacity 765kV and 400kV transmission system interconnecting Bhuj, Lakadia, Banaskantha, Vadodara & Dwarka along with establishment of 765/400/220kV new substations at Bhuj-II & Lakadia and 400/220kV new substation at Jam Khambhaliya (Dwarka) have been planned.** **The subject transmission scheme involves establishment of 400/220kV Jam Khambhaliya Pooling station along with extension of Essar – Lakadia/ Bhachau 400kV D/c (triple snowbird) line upto Jam Khambhaliya PS for providing connectivity to RE projects in Dwarka (Gujarat). This could be utilized for injection of power (~1500 MW) from wind or solar projects in the area.** **The proposal has been agreed in the 1st meeting of Western Region Standing Committee on Transmission (WRSCT) held on 5.9.2018. The same was agreed in the 3rd ECT meeting held on 21.12.2018 for implementation through TBCB route with a commissioning schedule of June, 2020.**

Sl. No.	Clause No.	Existing Provisions	New / Revised Clause
			Installation of 400/220 kV ICT along with associated bays at M/s CGPL Switchyard **Over the years, the National Grid has become robust; however, the systems have also become more complex and the uncertainties have increased a lot, particularly in terms of weather and natural calamities. This leads to low probability high impact incidents impacting packets of the grid often leading to prolonged power supply outages. Therefore, Resilience of the grid becomes important. A resilient system recognizes the fact that there can be failures in the system but has well proven systems for quick revival and the ability to learn and continuously improve through learning from such events.** **The same principle also applies to large power plants like the Ultra Mega Power Projects (UMPPs) and other large power stations. In view of the above, the 500 MVA, 400/220 kV ICT at CGPL Mundra was agreed by the members during the 1st WRSCT meeting held on 05.09.2018 from the viewpoint of having a resilient system in place. The scheme would provide the startup power to CGPL through Nanikhakhar-CGPL 220 kV S/C line (existing). The line would normally be kept open from CGPL end. The scheme was discussed in the 2nd NCT meeting held on 04.12.2018 & 3rd ECT meeting held on 21.12.2018 wherein it was agreed to implement the same through TBCB route.**
2.	Section 1 Clause 1.4	Transmission Grid Map	**The Transmission Grid Map is attached as Annexure-1**

Annexure-I


Transmission System for potential SEZs and WEZs in Gujarat
under TBCB
Chittorgarh
LEGENDS
400kV
Banaskantha
Sankhari
Lakadia
240MVAr switchable line reactors
Bachau
Bhuj-II
330MVAr switchable line reactors
Indore
Essar
63MVAr switchable line reactors
Jam Khambhaliya PS
63MVAr switchable line reactors
330MVAr switchable line reactors
Vadodara
Dhule
Transmission System for connectivity to RE projects at Bhuj-II
Transmission System for RE at Bhuj–II, Dwarka & Lakadia
Connectivity System for RE projects in Dwarka
Tr. Scheme under WRSS-21 Part-A
Tr. Scheme under WRSS-21 Part-B
Green Energy Corridor
Existing
Substation works under Connectivity System for RE in Bhuj-II
Substation works under Connectivity System for RE in Dwarka
Substation under WRSS-21 Part-A
Substation for Green Energy Corridor
Other ISTS/intra state sub stations