

BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

Application under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2009 for grant of separate Transmission License for implementation of scope of work as detailed in the Petition through “**Regulated Tariff Mechanism**” (RTM) mode to POWERGRID Southern Interconnector Transmission System Limited.

APPLICATION NO:.....

POWERGRID Southern Interconnector Transmission System Limited
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)

Registered office:

B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016

Address for Correspondence:

C/o ED (TBCB), Power Grid Corporation of India Limited
Saudamini, Plot no.2, Sector -29, Gurgaon 122001



एन.वी. राजु / N.V. Raju
सी.ई.ओ. / CEO
पावरग्रिड सादरन इंटरकनेक्टर ट्रांसमिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 080.

**BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

APPLICATION No:.....

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 License and other related matters) Regulations, 2009 for grant of separate Transmission License for implementation of scope of work as detailed in the Petition through **"Regulated Tariff Mechanism" (RTM)** mode to POWERGRID Southern Interconnector Transmission System Limited.

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Address for correspondence: C/o ED (TBCB), Power Grid Corporation of India Limited.
Saudamini, Plot no.2, Sector -29, Gurgaon 122001

.....**APPLICANT**

AND

Tamil Nadu Generation & Distribution Corporation Limited (TANGEDCO)

NPKRR Malligai, 144 Anna Salai, Chennai – 600 002

.....**RESPONDENT(S)**

And Others



एन.वी. राजु / N.V. Raju
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Filed by
POWERGRID Southern Interconnector Transmission System Limited
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)



एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड साउथर्न इंटरकनेक्टर ट्रांसमिशन सिस्टम लिमिटेड
Power Grid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 080

Project Incharge, POWERGRID Southern Interconnector Transmission System Limited

Place: Secunderabad

Date: 03.02.2022

**BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

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IN THE MATTER OF

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एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड सादरन इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 030.

To,
The Secretary,
Central Electricity Regulatory Commission,
3rd & 4th Floor, Chanderlok Building,
36, Janpath, New Delhi- 110001.

Sir,

Application under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2009 for grant of separate Transmission License for implementation of scope of work as detailed in the Petition through "**Regulated Tariff Mechanism**" (RTM) mode to POWERGRID Southern Interconnector Transmission System Limited.

Applicant

POWERGRID Southern Interconnector Transmission System Limited
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)

01/02/22

Represented by N V Raju

Project Incharge, POWERGRID Southern Interconnector Transmission System Limited

Place: Secunderabad

Date: 03.02.2022

एन.वी. राजु / N.V. Raju
सी.ई.ओ. / CEO
पावरग्रिड सदरन इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 080.

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Application under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2009 for grant of separate Transmission License for implementation of scope of work as detailed in the Petition through "**Regulated Tariff Mechanism**" (RTM) mode to POWERGRID Southern Interconnector Transmission System Limited.

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Registered office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi 110 016

Address for correspondence: C/o ED (TBCB), Power Grid Corporation of India Limited.
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AND

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NPKRR Malligai, 144 Anna Salai, Chennai – 600 002

.....**RESPONDENT(S)**

And Others



एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड सदरन इंटरकनेक्टर ट्रान्सामिशन सिस्टम लि.
Powergrid Southern Interconnector Transmission System Ltd.
सिकंदराबाद / Secunderabad-500 080.

To,
The Secretary,
Central Electricity Regulatory Commission,
3 rd & 4 th Floor, Chanderlok Building,
36, Janpath, New Delhi- 110001.

MEMO OF PARTIES

POWERGRID Southern Interconnector Transmission System Limited
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)

Registered office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi 110 016

Address for correspondence: C/o ED (TBCB), Power Grid Corporation of India Limited,
Saudamini, Plot no.2, Sector -29, Gurgaon 122001

.....APPLICANT

VERSUS

- 1) Tamil Nadu Generation & Distribution Corporation Limited (TANGEDCO)
NPKRR Malligai, 144 Anna Salai, Chennai – 600 002.....RESPONDENT
- 2) Power Company of Karnataka Limited (PCKL)
5th Floor, KPTCL Building, Kaveri Bhawan,
Bangalore – 560 009.....RESPONDENT
- 3) Bangalore Electricity Supply Company Limited (BESCOM)
KR Circle, Bangalore – 560 001.....RESPONDENT
- 4) Gulbarga Electricity Company Limited (GESCOM)
Station Main Road, Gulbarga – 585 102.....RESPONDENT
- 5) Hubli Electricity Supply Company Limited (HESCOM)
Navanagar, PB Road, HubliRESPONDENT
- 6) Mangalore Electricity Supply Company Limited (MESCOM)
Paradigm Plaza, AB Shetty Circle, Mangalore – 575 001.....RESPONDENT
- 7) Chamundeshwari Electricity Supply Company Limited (CESCOM)
#927, LJ Avenue, Ground Floor, New Kantharaj Urs Road,



एन.वी. राजु / N.V. Raju
सी.ई.ओ. / CEO
पावरग्रिड सदर्न इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 000.

- Sarawathipuram Mysore – 570 009.....RESPONDENT
- 8) Kerala State Electricity Board
Vaidyuthi Bhawanam, Pattom,
Thiruvananthapuram – 695004RESPONDENT
- 9) Southern Power Distribution Company of Telangana Limited
#6-1-50, Mint Compound, Hyderabad – 500 063, Telangana.....RESPONDENT
- 10) Northern Power Distribution Company of Telangana Limited
#2-5-31/2, Vidyut Bhawan, Nakkalgutta,
Hanamkonda, Warangal – 506 001.....RESPONDENT
- 11) Electricity Department, Govt. of Puducherry
Electricity Department, Govt. of Puducherry,
Puducherry – 605 001.....RESPONDENT
- 12) Electricity Department, Govt. of Goa (GED)
Vidyut Bhawan, Panaji Goa – 605 001.....RESPONDENT
- 13) Southern Power Distribution Company of Andhra Pradesh Limited
D. No. – 19 – 13 – 65/A, Srinivasapuram,
Tiruchanoor Road, Tirupati – 517 503.....RESPONDENT
- 14) Eastern Power Distribution Company of Andhra Pradesh Limited
P&T Colony, Seethammadhara, Visakhapatnam.....RESPONDENT
- 15) Chief Engineer, Power System Project Monitoring Division, Central Electricity
Authority, Sewa Bhawan, R. K. Puram,
Sector-1, New Delhi - 110 066.....RESPONDENT
- 16) Chief Operating Officer, CTUIL
Saudamini, Plot no.2, Sector -29,
Gurgaon 122001.....RESPONDENT

नंदरु

एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड सदरन इंटरकनेक्टर ट्रान्सामिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
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.....APPLICANT

AND

Tamil Nadu Generation & Distribution Corporation Limited (TANGEDCO)

NPKRR Malligai, 144 Anna Salai, Chennai – 600 002

.....RESPONDENT(S)

And Others



एन.वी. राजु / N.V. Raju
सी.ई.ओ. / CEO
पावरग्रिड सादरन इंटरकनेक्टर ट्रान्झमिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 030.

AFFIDAVIT

I, N V Raju son of N Vijayarama Raju residing at Hyderabad do hereby solemnly affirm and state as follows:

1. I am the Authorized Signatory of the Applicant Company in the above matter and I am duly authorized by the Applicant Company to affirm this affidavit. I say that I am conversant with the facts and circumstances of this case.
2. The statements made in paragraphs of the application, are true to my knowledge and belief based on the information received and I believe them to be true.
3. I say that there are no proceedings pending in any court of law / tribunal or arbitrator or any other authority, wherein the Applicant is a party and where issues arising and / or reliefs sought are identical or similar to the issues in the matter pending before the Hon'ble Commission.

N.V. Raju

एन.वी. राजु / N.V. Raju

सी.ई.ओ. N.V. Raju

पावरग्रिड सादरन इंटरकनेक्टर ट्रांसमिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad - 500 080.

Project Incharge, POWERGRID Southern Interconnector Transmission System
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)

Place: Hyderabad

Date: 03.02.2022

VERIFICATION:

I, the Deponent above named hereby solemnly hereby affirm that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed therefrom. Verified by me on this 3rd day of February 2022 at 12.00 hrs.

N.V. Raju

Deponent

एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड सादरन इंटरकनेक्टर ट्रांसमिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad - 500 080.

ATTESTED

K. Narasing Rao

K. Narasing Rao

ADVOCATE & NOTARY

H.No.1-4-27/72/94, Padmashali Colony,
Kavadi Guda, Hyderabad-500 080.



ATTESTEE

**BEFORE THE CENTRAL ELECTRICITY REGULATORY COMMISSION
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Application No.....

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Application under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2009 for grant of separate Transmission License for implementation of scope of work as detailed in the Petition through “**Regulated Tariff Mechanism**” (RTM) mode to POWERGRID Southern Interconnector Transmission System Limited.

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And Others



एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड सदरन इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 080.

Application

The Applicant respectfully submits as under:

1. The applicant POWERGRID Southern Interconnector Transmission System Limited (hereinafter referred to as applicant) is a 100% wholly owned subsidiary of Power Grid Corporation of India Limited (POWERGRID).

The Applicant is an Inter-State Transmission Licensee implementing transmission project “**Strengthening of Transmission System beyond Vemagiri**” on Build, Own, Operate and Maintain (BOOM) basis through TBCB route (hereinafter referred to as “TBCB Project”). This Hon’ble Commission vide order dated 14.03.2016 passed in Application No. 300/TT/2015 granted transmission license for aforesaid TBCB Project. *The true copy of order dated 14.03.2016 is annexed and marked as Annexure-1. A Copy of the Certificate of Incorporation pursuant to change of name is enclosed and marked as Annexure-2.*

2. The entire scope of “**Strengthening of Transmission System beyond Vemagiri**” project has been successfully commissioned on 18.01.2020 and detailed scope of TBCB Project is as under:-

S. No	Project elements
1.	(a) Srikakulam Pooling Station-Garividi 400 (Quad) D/C Line (b) 2 nos. of 400 line bays at Garividi 400 kV S/s of APTRANSCO
2.	Cuddapah - Madhugiri 400 (quad) D/c line with 50 MVAR switchable line reactors at both ends of each circuit.
3.	(a) Chilakaluripeta - Narasaraopeta (Sattenapalli) 400 D/C (Quad) line (b) 2 no.400 line bays at Narsaraopeta (Sattenapalli) 400 sub-station of APTRANSCO


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सी.ई.ओ. / CEO
पावरग्रिड सादरन इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 090.

S. No	Project elements
4.	Establishment of 765/400 sub-stations at Chilakaluripeta with 2x1500 MVA transformers and 2x240 MVAR line reactors each.
5.	Chilakaluripeta - Cuddapah 765 D/C line with 2x240 MVAR switchable line reactor at both ends
6.	Vemagiri II-Chilakaluripeta 765 KV D/C Line with 2x240 MVAR switchable line reactors at both ends

3. It is submitted that Central Transmission Utility of India Limited (CTUIL) has issued an Office Memorandum dated 16.11.2021 to the Applicant, wherein Applicant has been nominated to implement following schemes (1) Requirement of 765 kV spare (1-Ph) Reactors units at 765kV Chilakaluripeta (Part-B) & (2) Scheme to bypass NGR to use Switchable Line Reactor as Bus Reactor at 765kV Chilakaluripeta through “Regulated Tariff Mechanism” (RTM) mode. (hereinafter called the Additional Scope of work under RTM mode).

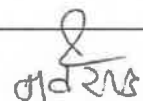
Detail of the scope of works is as under:-

- A. Requirement of 765kV spare (1-Ph) Reactors units at 765 kV Chilakaluripeta (Part –B)

S.No	Scope of the Transmission Scheme	Capacity /km	Implementation Time Frame
1	One spare unit (1-Ph) of 80 MVAR reactor at 765kV Chilakaluripeta along with necessary arrangement to take spare reactor units into service as per the operational requirement.	80 MVAR (1-Ph)	15 months from issue of OM by CTU

- B. Scheme to bypass NGR to use Switchable Line Reactor as Bus Reactor at 765 kV Chilakaluripeta.

S.No	Scope of the Transmission Scheme	Capacity /km	Implementation Time Frame
1.	NGR bypass arrangement to use switchable line reactors (240 MVAR each) as bus reactors installed on each circuit of Vemagairi-Chilakaluripeta 765 kV D/c line at Chilakaluripeta 765 kV S/s .	NGR bypass arrangement	6 months from issue of OM by CTU



एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड सदर्न इंटरकonneक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited

2.	NGR bypass arrangement to use switchable line reactors (240 MVAR each) as bus reactors installed on each circuit of Chilkaluripeta-Cuddapah 765 kVD/c line at Chilkaluripeta 765 kV S/s.	NGR bypass arrangement	6 months from issue of OM by CTU
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Copy of CTU's OM dated 16.11.2021 is annexed and marked as Annexure -3.

4. The Instant Application is for grant of separate transmission license to the applicant for implementation of above Additional scope of work under RTM mode. The application is being preferred in line with order of this Hon'ble Commission dated 21.10.2021 passed in *Petition No. 604/MP/2020 (POWERGRID Kala Amb Transmission Company Ltd. Vs. UP Power Corporation Limited)*. It is submitted that facts and circumstances in instant petition is similar to facts and circumstances pleaded in *Petition No. 604/MP/2020*. Relevant extract from order dated 21.10.2021 is extracted under for ready reference of this Hon'ble Commission.

"20. In our view, inclusion of both the TBCB based elements/ assets and the RTM based elements/ assets in the same transmission licence may lead to numerous procedural, legal, commercial issues. A few such issues are highlighted as under... .."

21. The above list of issues is only indicative and not exhaustive. Though the Commission accepts that such issues may not always arise in all the cases, the Commission is, however, of the view that it is always prudent to avoid possible future complexities if an alternative solution is available and possible.

22. As we have already observed, the provisions of the Act do not put any restriction for issuing a second licence to a person, in case it fulfils all necessary requirements specified in the Act and Transmission Licence Regulations...."

In view of the foregoing discussions, we are of the view that the Applicant may approach the Commission for grant of a separate transmission licence for the RTM based assets/ elements. Accordingly, the Applicant is granted liberty to approach the Commission for obtaining a separate transmission licence for implementation of 125 MVAR, 420 kV Bus Reactor at Kala Amb on the RTM route by way of a separate Petition in accordance with law."

(Signature)

एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड सदर्न इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 030.

5. That in view of foregoing, the present application is being filed by the applicant under Section 14 of the Electricity Act, 2003 read with Central Electricity Regulatory Commission (Procedure, Terms and Conditions for Grant of Transmission License and other related matters) Regulations, 2009 for grant of separate Transmission License for implementation of aforementioned Additional Scope of work under RTM mode to the Applicant - POWERGRID Southern Interconnector Transmission System Limited.
6. It is submitted that upon grant of the separate Transmission license the Applicant shall proceed to implement the aforementioned schemes under RTM mode. The estimated completion cost of above schemes as per CTUIL's OM is Rs. 5.82 Crore. The cost of the Project as per the DPR is Rs. 8.9 Crs (including IDC, IEDC, and Contingency etc.)
7. It is humbly submitted that on completion of the above schemes, the Applicant shall approach the Hon'ble Commission with the actual cost incurred for determination of transmission charges in accordance with Section 61, 62 of the Electricity Act, 2003 and as per 8 (2) of the Transmission License Regulations.
8. That in accordance with the CERC (Procedure, Terms and Conditions for grant of Transmission License and other related matters) Regulations, 2009, the Applicant has fulfilled the following:
 - a) Duly filled in Form 1 for grant of separate transmission License in accordance with the Transmission License Regulations is enclosed herewith and marked as **Annexure- 4**.
 - b) Application has been served in compliance to 7 (4) of Transmission License Regulations on all the DICs of Southern Region. If this Hon'ble Commission deems necessary to implead any other party, then Applicant shall implead such party as directed by this Hon'ble Commission.
 - c) The application has been hosted on the website and is accessible on www.powergridindia.com/subsidiaries as per 7 (4) and 7 (5), Transmission License Regulations.
 - d) The application has also been marked to CTUIL as per 7 (6), Transmission License Regulations.

2
01/02/24

एन.वी. राजु / N.V. Raju
सी.ई.ओ. / CEO
पावरग्रिड सादरन इंटरकनेक्टर ट्रान्smिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 030.

- e) Notice of application as per Form-II shall be published within 7 days after filing of the application as per 7 (7) (9) and (10), Transmission License Regulations.
9. It is submitted that Section 14 of the Electricity Act, 2003 empowers the Appropriate Commission to grant separate License.

10. PRAYER

It is respectfully prayed that the Hon'ble Commission may be pleased to:

- a) Grant separate Transmission License to the Applicant for implementation of Additional scope of work under RTM mode detailed at para 3 above.
- b) Allow the Applicant liberty to approach the Hon'ble Commission for determination of transmission charges after commissioning of the scope of works mentioned at Para 3 above, in accordance with Section 61, 62 of the Electricity Act, 2003 and as per 8 (2) of the Transmission License Regulations.
- c) Condone any inadvertent omissions/ shortcomings/ errors and permit the Applicant to add/ modify/ alter this application and make further submissions as may be required at a future date
- d) Pass such other order / orders, as may be deemed fit and proper in the facts & circumstances of the case


Authorized Signatory

**Project Incharge, POWERGRID Southern Interconnector Transmission System Limited
(A 100% wholly owned subsidiary of Power Grid Corporation of India Limited)**

Place: Secunderabad

Date: 03.02.2022

एन.वी. राजु / N.V. Raju
सी.ई.ओ. / CEO
पावरग्रिड सादरन इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad - 500 000.

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 300/TL/2015

Coram:

**Shri A.K. Singhal, Member
Shri A.S.Bakshi, Member
Dr. M.K.Iyer, Member**

Date of Hearing: 23.2.2016

Date of Order: 14.3.2016

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 for grant of transmission license to Vemagiri II Transmission Limited.

And

In the matter of

**POWERGRID Southern Interconnector Transmission System Limited
(Formerly known as Vemagiri II Transmission Limited)
B-9, Qutub Institutional Area,
Katwaria Sarai, New Delhi-110016**

.....Petitioner

V/s

**1) Tamil Nadu Generation & Distribution Corporation Limited
NPKRR Malligai, 144 Anna Salai,
Chennai-600002**

**2) Power Company of Karnataka Limited
5th Floor, KPTCL Building, Kaveri Bhawan,
Bangalore-560009**

**3) Bangalore Electricity Supply Company Limited
KR Circle, Bangalore-560001**

Order in Petition No. 300/TL/2015

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**एन.वी. राजु / N.V. Raju
सी.ई.ओ. / CEO
पावरग्रिड सादरन इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited**

- 4) Gulbarga Electricity Company Limited
Station Main Road, Gulbarga-585102
- 5) Hubli Electricity Supply Company Limited
Navanagar, PB Road, Hubli
- 6) Mangalore Electricity Supply Company Limited
Paradigm Plaza, AB Shetty Circle,
Mangalore-575001
- 7) Chamundeshwari Electricity Supply Company Limited
#927, LJ Avenue, Ground Floor, New Kantharaj Urs Road,
Sarawathipuram, Mysore-570009
- 8) Kerala State Electricity Board Limited
Vaidyuthi Bhawanam, Pattom,
Thiruvananthapuram-695004
- 9) Southern Power Distribution Company of Telangana Limited
#6-1-50, Mint Compound, Hyderabad-500063, Telangana
- 10) Northern Power Distribution Company of Telangana Limited
#2-5-31/2, Vidyut Bhawan, Nakkalgutta,
Hanamkonda, Warangal-506001
- 11) Electricity Department
Govt. of Puducherry,
137, Nethaji Subhash Chandra Bose
Salai, Puducherry-605001
- 12) Electricity Department,
Govt. of Goa,
Vidyut Bhawan, Panaji, Goa-605001
- 13) Southern Power Distribution Company of Andhra Pradesh Limited
D. No.- 19-13-65/A, Srinivasapuram,
Tiruchanoor Road, Tirupati- 517503
- 14) Eastern Power Distribution Company of Andhra Pradesh Limited
P&T Colony, Seethammadhara, Visakhapatnam
- 15) REC Transmission Projects Company Limited
12-21, Upper Ground Floor, Antriksh Bhawan,
22, KG Marg, New Delhi-110001

.....Respondents

Order in Petition No. 300/TL/2015

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एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड सदरन इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnecting Transmission System Limited

विद्युत विभाग / Electricity Department

16) Power Grid Corporation of India Limited
Saudamini, Plot No. 2, Sector-29,
Gurgaon- 122001

.....Proforma Respondents

The following were present:

Shri Amit Garg, PSITSL
Shri Mani Kumar, PSITSL

ORDER

The petitioner, Vemagiri II Transmission Company Limited, has filed the present petition for grant of transmission licence under Section 14 read with Section 15 (1) of the Electricity Act, 2003 (hereinafter referred to as "the Act") to establish the transmission system for "Strengthening of Transmission System beyond Vemagiri" (hereinafter referred to as "Transmission System") on Build, Own, Operate and Maintain (BOOM) basis comprising the following element:

S.No.	Scheme/ Transmission Works	Conductors per Phase	Completion Target
1.	Vemagiri-II- Chilakaluripeta 765 kV D/C line with 240 MVAR switchable line reactor at both ends of each circuit (The line bays and line reactors at Chilakaluripeta to be in scope of TSP and those at Vemagiri end in the scope of CTU)	ACSR Zebra or hexagonal AAAC (equivalent to ACSR Zebra)	40 months from the effective date
2.	Chilakaluripeta - Cuddapah 765 kV D/C line with 240 MVAR switchable line reactor at both ends of each circuit (The line bays and line reactors at Chilakaluripeta to be in scope of TSP and those at Cuddapah end in the scope of CTU)	ACSR Zebra or hexagonal AAAC (equivalent to ACSR Zebra)	40 months from the effective date

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एन.वी. राजु / N.V. RAJU
सी.ई.ओ. / CEO
पावरग्रिड साउथर्न इंटरकनेक्टर ट्रान्झमिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
प्लॉट नं. 2, सेक्टर-29, गुरुगढ़-122001

3	Chilakaluripeta-Narsaraopeta) 400 kV (quad) D/C line 2 no.400 kV line bays at Narsaraopeta (Sattenapalli) 400 kV sub-station of APTRANSCO (The line bays at both ends to be in scope of TSP)	Quad ACSR Moose or Quad AAAC (equivalent to ACSR Moose)	40 months from the effective date
4.	Cuddapah - Madhugiri 400kV (quad) D/c line with 50 MVAR switchable line reactors at both ends of each circuit. (The line bays and reactors at both ends to be in scope of CTU)	Quad ACSR Moose or Quad AAAC (equivalent to ACSR Moose)	38 months from the effective date
5.	Srikaukulam Pooling Station-Garividi 400 kV (Quad) D/C line 2 no. 400 kV bays at Garividi 400 kV S/S of (APTRANSCO) (The line bays at Garividi end to be in the scope of TSP and the line those at Srikaukulam Pooling Station end in the scope of CTU)	Quad ACSR Moose or Quad AAAC (equivalent to ACSR Moose)	38 months from the effective date
6.	Establishment of 765/400 kV sub-stations at Chilakaluripeta with 2x1500 MVA transformers and 2x240 MVAR bus reactors each. Transformers: 765/400 kV, 7x500 MVA (Single Phase units with one spare) <u>765 kV Bays (At Chilakalluripeta)</u> ICT bays : 2 nos. Line bays : 4 nos. 765 kV Bus Reactor Bays		40 months from the effective date

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एन.बी. राजू / N.B. Raju
सी.ई.ओ. / CEO
पावरग्रिड सदर्न इंटरकनेक्टर ट्रान्झमिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited

	: 2 nos. Spare bays (Space): 6 nos <u>400 kV Bays</u> ICT bays : 2 nos. Line bays : 2 nos. Spare bays (Space): 8 nos.		
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2. Based on the competitive bidding carried out by REC Transmission Projects Company Limited (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 (PGCIL) emerged as the selected bidder with the lowest levelized transmission charges of ₹ 3592.55 million/annum.

3. The Commission after considering the application of the petitioner in the light of the provisions of the Electricity Act, 2003 and Central Electricity Regulatory Commission (Procedure, Terms and Conditions for grant of Transmission Licence and other related matters) Regulations, 2009 (hereinafter referred to as "the Transmission Licence Regulations") *prima facie* proposed to grant licence to the petitioner. Relevant para of our order dated 8.2.2016 is extracted as under:

"19. We have considered the submissions of the petitioner and BPC and perused documents on record. As per para 12.1 of the Guidelines as amended from time to time, finally selected bidder shall make an application for grant of transmission licence within ten days of selection. PGCIL has been selected on the basis of the tariff based competitive bidding as per the Guidelines issued by Government of India, Ministry of Power. LoI has been issued to PGCIL by the BPC and PGCIL has acquired 100% stake in the Vemagiri-II Transmission Limited which has been transferred to the petitioner on 4.12.2015 after execution of Share Purchase Agreement. Thus, the petitioner has complied with the requirements of RfP and Transmission Service Agreement. 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

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एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड
PGCIL Southern Region
सिकंदराबाद / Secunderabad-500 080.

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 23.2.2016."

4. A public notice under Section 15 (5) of the Act was published on 18.2.2016 in all editions of Hindustan and Indian Express. No suggestions/objections have been received from the members of the public in response to the public notice.

5. The petitioner, vide order dated 4.2.2016, 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 18.2.2016 has submitted that the terms of the TSA are binding on the parties (TSP and LTTCs). 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."

6. The petitioner has further submitted that time overrun and cost overrun, if any, made by it, shall be in accordance with the provisions of the TSA read with provisions of the Electricity Act, 2003. We direct that the petitioner shall remain bound by the commitment given by it under affidavit dated 18.2.2016.

Order in Petition No. 300/TL/2015

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एन.वी. राजू / N.V. Raju

Powergrid Southern Interconnector Transmission System Limited
सिंहदरबार / Secunderabad-500 080.

7. The representative of the petitioner submitted during the hearing that no objections have been received from the public to the proposal of the Commission to grant of transmission licence to the petitioner. He prayed for grant of transmission licence to the petitioner.

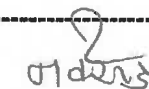
8. During the hearing on 23.2.2016, we had observed that as per Article 5.1.1 of the TSA, the TSP at its own cost and expense, shall be responsible for designing, constructing, erecting, completing and commissioning each element of the project by Scheduled COD in accordance with the various regulations of the Central Electricity Authority regarding Technical Standards and Grid Standards, Prudent Utility Practices and other applicable laws. Further 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. Further, 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 vide ROP for hearing dated 26.2.2016 to submit the information with regard to quality control mechanism available or to be put in place by 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 8.3.2016, has submitted that the transmission project is governed by the TSA and all the terms of the TSA including Articles 5.1.1 and 5.4 of the TSA are integral part of the TSA and are binding on the signatories of the agreement. The petitioner has further 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 POWERGRID and follows the same quality standards and practices as are being followed by POWERGRID.

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 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, the same should be promptly brought

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एन.वी. राजू / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड सदर्न इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 080.

to the notice of the Commission so that appropriate direction can be issued to the licensee for compliance.

11. We have considered the submission of the representative of the petitioner and perused the documents on record. 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.

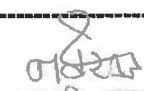
(16) The Commission may, before granting licence or rejecting the application, provide an opportunity to the applicant, the Central Transmission Utility, the Long-term customers, or the person who has filed suggestions and objections, or any other person:

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

12. In our order dated 4.2.2016, 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 Southern Interconnector Transmission System Limited, to establish the transmission system for "Strengthening of Transmission System beyond Vemagiri" on Build, Own, Operate and Maintain basis as per the details given in para 1 above.

Order in Petition No. 300/TL/2015

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एन.वी. राजू / N.V. Raju
सी.ई.ओ. / CEO
पावरग्रिड सादरन इंटरकनेक्टर ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 000.

13. The grant of transmission licence to the petitioner 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 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 petitioner 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 petitioner 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 petitioner 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 petitioner 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 petitioner 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 petitioner 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;

(i) The petitioner 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 petitioner 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 petitioner 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; and

(l) The petitioner 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 petitioner 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.

14. 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.

15. A copy of this order shall be sent to CEA for necessary action.

16. Petition No. 300/TL/2015 is disposed of in terms of the above.

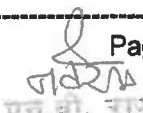
Sd/-
(Dr. M.K.Iyer)
Member

sd/-
(A.S. Bakshi)
Member

sd/-
(A.K. Singhal)
Member

Order in Petition No. 300/TL/2015

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एन.वी. राजु / N.V. Raju
सी.ई.ओ. / CEO
पावरग्रिड संदर्भन इंटरकनेक्टेड ट्रान्झमिशन सिस्टम लिमिटेड
Powergrid Sanathan Interconnected Transmission System Limited



GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS
Registrar of Companies, Delhi
4th Floor, IFCI Tower, 61, Nehru Place New Delhi - 110019, Delhi, INDIA

**Certificate of Incorporation pursuant to change of name
[Pursuant to rule 29 of the Companies (Incorporation) Rules, 2014]**

Corporate Identification Number (CIN): : U40106DL2015GOI278746

I hereby certify that the name of the company has been changed from VEMAGIRI II TRANSMISSION LIMITED to POWERGRID Southern Interconnector Transmission System Limited with effect from the date of this certificate and that the company is limited by shares.

Company was originally incorporated with the name VEMAGIRI II TRANSMISSION LIMITED

Given under my hand at Delhi this Twentieth day of January Two Thousand Sixteen.

Validity-unknown
Digitally signed by Ministry
of Corporate Affairs, Govt
of India
Date: 2016.01.20 19:04:52
GMT+05:30

Prahlad Meena
Registrar of Companies
Registrar of Companies
Delhi

Mailing Address as per record available in Registrar of Companies office:

POWERGRID Southern Interconnector Transmission System Limited
B-9, QUTAB INSTITUTIONAL AREA, KATWARIA SARAI,
NEW DELHI - 110066,
Delhi, INDIA

एन.वी. राजु / N.V. Raju
सी.ई.ओ. / CEO
पावरग्रिड सॉदर्न इंटरकनेक्टर ट्रांसमिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
नई दिल्ली / New Delhi

सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड
CENTRAL TRANSMISSION UTILITY OF INDIA LIMITED
 (Wholly Owned Subsidiary of Power Grid Corporation of India Limited)
 (A Government of India Enterprise)

Ref.: C/CTU/AM/00/1st CCTP

16th November 2021

OFFICE MEMORANDUM

Sub: Inter State Transmission Schemes (costing up to Rs.100 Cr.) to be taken up for implementation under Regulated Tariff Mechanism (RTM).

The undersigned is directed to inform that CTU has approved implementation of the following ISTS costing less than or equal to Rs.100 Cr. in line with MoP office order dated 28.10.2021 under the Regulated Tariff Mechanism (RTM) mode by the implementing agencies as indicated in the table below:

Sl.	Name of scheme	Implementing Agency
Northern Region		
1.	Implementation of 220 kV bays for RE generators and 400/220kV ICTs at Bikaner-II PS	Bikaner-II Bhiwadi Transco Ltd. (a subsidiary of Power Grid Corporation of India Ltd.) [now known as POWERGRID Bikaner Transmission System Ltd.]
2.	Augmentation of transformation capacity at 400/220 kV Ludhiana (PG) Substation	Power Grid Corporation of India Ltd.
3.	Augmentation of Transformation capacity at 400/220 kV Kurukshetra (PG) & Patiala (PG) Substations	Power Grid Corporation of India Ltd.
Southern Region		
4.	Requirement of 765 kV spare (1-Ph) Reactors unit at 765kV Warangal New (Part-A)	Warora Kurnool Transmission Ltd. (a subsidiary of Adani Transmission Ltd.)
5.	Requirement of 765 kV spare (1-Ph) Reactors unit at 765kV Chilkaluripeta (Part-B)	POWERGRID Southern Interconnector Transmission System Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
6.	Scheme to bypass NGR to use Switchable Line Reactor as Bus Reactor at 765kV Chilkaluripeta	POWERGRID Southern Interconnector Transmission System Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
7.	1 no. 400 kV bay at 765/400 kV Kurnool (New) Substation	Power Grid Corporation of India Ltd.
Eastern Region		
8.	Eastern Region Expansion Scheme-XXVI (ERES-XXVI)	Power Grid Corporation of India Ltd.
North Eastern Region		
9.	Additional scope under NERSS-XIII scheme	Power Grid Corporation of India Ltd.

Registered Office: Plot No.2, Sector-29, Gurugram, Haryana-122 001 CIN U40100HR2020GOI091857, Tel.: 0124-2571700-719

पंजीकृत कार्यालय: " , प्लॉट नंबर 2, सेक्टर -29, गुरुग्राम -122001 CIN U40100HR2020GOI091857, दूरभाष: 0124-2571700-719

Powergrid Southern Interconnector Transmission System Ltd. (a subsidiary of Power Grid Corporation of India Ltd.)
 सिकंदराबाद / Secunderabad-500 030.

Western Region		
10.	Transmission Network Expansion in Gujarat to increase its ATC from ISTS (Part-A)	Power Grid Corporation of India Ltd.

Detailed scope of works for the above schemes, as approved by CTU are given at Annexure-I.

Respective agencies shall enter into concession agreement with CTU for implementation of the above-mentioned schemes through Regulated Tariff Mechanism (RTM).

This issues with the approval of Competent Authority.



(Partha Sarathi Das)
Sr. General Manager

Encl: as stated.



एन.वी. राजू / N.M. Raju
सी.ई.ओ. / CEO
पावरग्रिड साउथर्न इंटरकनेक्शन सिस्टम लिमिटेड
Powergrid Southern Interconnection System Limited
सिकंदराबाद / Sec. Hyderabad-500 002.

To:

1. Director (Projects) Power Grid Corporation of India Ltd., Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001	2. CEO M/s POWERGRID Southern Interconnector Transmission Ltd. (PSITL) (a subsidiary of Power Grid Corporation of India Ltd.) B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi – 110016
3. Shri Ajit Ranjan N R Das Project Incharge M/s Bikaner-II Bhiwadi Transco Ltd. (BBTL) (a subsidiary of Power Grid Corporation of India Ltd.) [POWERGRID Bikaner Transmission System Limited] C/o ED (TBCB) Power Grid Corporation of India Ltd. Saudamini, Plot No. 2, Sector-29, Gurgaon- 122 001	4. Shri Ankesh Kumar M/s Warora Kurnool Transmission Ltd. (WKTL) (a subsidiary of Adani Transmission Ltd.) Adani Corporate House, Shantigram, S.G. Highway, Ahmedabad -382421

Copy to:

1. Sh. Ishan Sharan Chief Engineer & Member Secretary (NCT) Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110 066.	2. Sh. Goutam Ghosh Director (Trans) Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110 001
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2
नंदरज
एन.जी. राजू / N.G. Raju
सी.ई.ओ. / CEO
पावरग्रिड सादरग इंटरकनेक्टर ट्रांसमिशन लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
बिड़केशपुरा / Bidkeshpura 1220066

Annexure-I**Northern Region:****1. Implementation of 220 kV bays for RE generators and 400/220kV ICTs at Bikaner-II PS**

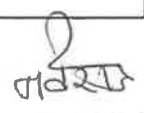
S. No.	Scope of the Transmission Scheme	Capacity	Implementation timeframe
1.	2x500MVA, 400/220 kV ICT at Bikaner-II PS	400/220 kV, 500 MVA ICT –2 nos. 400 kV ICT bays – 2 nos. 220 kV ICT bays – 2 nos.	ICT-I: Mar' 2023 ICT-II: Apr' 2023
2.	4 nos. 220 kV line bays	220 kV line bays - 4 nos.	1 no. of bay: Mar' 2023 1 no. of bay: Apr' 2023 2 no. of bays: Dec' 2023
Total Estimated Cost:		70 Cr.	

2. Augmentation of transformation capacity at 400/220 kV Ludhiana (PG) Substation:

S. No.	Scope of the Transmission Scheme	Capacity	Implementation timeframe
1	Replacement of 1x315 MVA, 400/220 kV ICT by 1x500 MVA, 400/220kV ICT at Ludhiana (PG) S/s	400/220 kV, 500 MVA ICT – 1 no.	15 months from issue of OM by CTU
Total Estimated Cost		14 Cr.	

3. Augmentation of Transformation capacity at 400/220 kV Kurukshetra (PG) & Patiala (PG) Substations:

S. No.	Scope of the Transmission Scheme	Capacity	Implementation timeframe
1	1x 500 MVA, 400/220 kV ICT at Kurukshetra (PG) S/s	400/220kV 500 MVA ICT:1 no 400 kV ICT bay – 1 no. 220 kV ICT bay – 1 no.	15 months from issue of OM by CTU
2	1x 500 MVA, 400/220 kV ICT at Patiala (PG) S/s	400/220kV 500 MVA ICT:1 no 400 kV ICT bay – 1 no. 220 kV ICT bay – 1 no.	May'23
Total Estimated Cost		54 Cr.	


 एन.वी. राजु / N.V. Raju
 सी.ई.ओ. / CEO
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 Powergrid Southern Interconnector Transmission System Limited
 हैदराबाद / Secunderabad-500 080.

Southern Region

4. Requirement of 765 kV spare (1-Ph) Reactors units at 765kV Warangal New (Part-A):

SI. No	Scope of the Transmission Scheme	Capacity	Implementation timeframe
Part-A	One spare unit (1-Ph) of 80 MVAR reactor at 765 kV Warangal New along with necessary arrangement to take spare reactor units into service as per the operational requirement.	80 MVAR (1-Ph)	15 months from issue of OM by CTU
	Estimated Cost (Rs Crores)	5.5 Cr.	

5. Requirement of 765 kV spare (1-Ph) Reactors units at 765kV Chilkaluripeta (Part-B):

SI. No	Scope of the Transmission Scheme	Capacity	Implementation timeframe
Part-B	One spare unit (1-Ph) of 80 MVAR reactor at 765 kV Chilkaluripeta along with necessary arrangement to take spare reactor units into service as per the operational requirement.	80 MVAR (1-Ph)	15 months from issue of OM by CTU
	Estimated Cost (Rs Crores)	5.5 Cr.	

6. Scheme to bypass NGR to use Switchable Line Reactor as Bus Reactor at 765kV Chilkaluripeta

SI. No	Scope of the Transmission Scheme	Capacity	Implementation timeframe
1	NGR bypass arrangement to use switchable line reactors (240 MVAR each) as bus reactors installed on each circuit of Vemagiri – Chilkaluripeta 765 kV D/c line at Chilkaluripeta 765 kV S/s	NGR bypass arrangement	6 months from issue of OM by CTU
2	NGR bypass arrangement to use switchable line reactors (240 MVAR each) as bus reactors installed on each circuit of Chilkaluripeta – Cuddapah	NGR bypass arrangement	6 months from issue of OM by CTU

2
11/12/23

	765 kV D/c line at Chilkaluripeta 765 kV S/s..		
	Total Estimated Cost (Rs Lakhs)	32 Lakhs (approx.)	

7. 1 no. 400 kV bay at 765/400 kV Kurnool (New) Substation

Sl. No	Scope of the Transmission Scheme	Capacity /km	Implementation timeframe
1	1 no. of 400 kV bay at 765/400 kV Kurnool (New)	400kV line bay-1 no	Oct'22
	Total Estimated Cost (Rs Crores)	9 Cr.	

Eastern Region

8. Eastern Region Expansion Scheme-XXVI (ERES-XXVI):

Sl. No.	Scope of the Transmission Scheme	Capacity /km	Implementation timeframe
1.	Installation of 500 MVA, 400/220kV ICT (3 rd) at Ranchi (PG)	400/220 kV, 500 MVA ICT- 1 no. 400 kV ICT bays- 1 nos. 220 kV ICT bays- 1 nos.	15 months from issue of OM by CTU
	Total Estimated Cost (Rs. Crore)	27 Cr.	

North Eastern Region

9. Additional scope under NERSS-XIII scheme

Sl. No.	Scope of the Transmission Scheme	Capacity /km	Implementation timeframe
1.	CT of 132kV Imphal (POWERGRID) – Imphal (Manipur) bay-2 to be upgraded to 1200 A at Imphal (POWERGRID) S/s	NIL	In matching timeframe to SCOD of NERSS-XIII, i.e. Sep'2022
	Total Estimated Cost (Rs. Lakhs)	10 lakhs (approx.)	

एन.वी. राजु / N.V. Raju
सी.ई.ओ. / CEO

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N.V. Raju Interconnector Transmission System Limited
1000 080.

Western Region

10. Transmission Network Expansion in Gujarat to increase its ATC from ISTS (Part-A)

Sl. No.	Scope of the Transmission Scheme	Capacity /km	Implementation timeframe
1.	Augmentation of transformation capacity at Vadodara 765/400/220kV S/s by 1x1500MVA, 765/400kV ICT (3rd) along with associated 765kV ICT bay*	765/4000 kV, 1500 MVA ICT- 1 no. 765 kV ICT bays- 1 nos.	Apr'22
	Total Estimated Cost (Rs. Crore)	70 Cr. (approx.)	

**Out of the 2 nos. 400kV line bays already constructed by POWERGRID for DGEN – Vadodara line, 1no. line bay to be utilized for 765/400kV ICT (3rd) at Vadodara*

8
नवरा

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सी.ई.ओ. / GEO

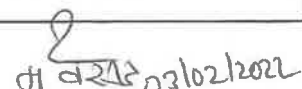
पावरग्रिड सदर्न इंटरकनेक्शन ट्रान्समिशन सिस्टम लिमिटेड
Powergrid Southern Interconnection Transmission System Limited
सिकंदराबाद / Secunderabad-500 080.

Form-I

Annexure -4

1. Particulars of the Applicant


Sl No	Particulars	Particulars
i	Name of the Applicant	POWERGRID Southern Interconnector Transmission System Limited
ii	Status	Public Limited Company
iii	Address	B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi – 110 016
iv	Name, Designation & Address of the contact person	Shri N V Raju Project Incharge , POWERGRID Southern Interconnector Transmission System Limited (100% wholly owned subsidiary of Power Grid Corporation of India Limited) C/o ED (TBCB) Power Grid Corporation of India Limited Saudamini, Plot no.2, Sector -29, Gurgaon 122001
V	Contact Tele. No.	7382073796
Vi	Fax No.	
Vii	Email ID	nvpraju@powergrid.in
Viii	Place of Incorporation / Registration	New Delhi, India
Ix	Year of Incorporation / Registration	2015
X	Details of Fees Remitted	In view of the liberty granted by the Hon'ble Commission vide order dated 21.10.2021 in 604/MP/2020, an application fee of Rs 1.0 lakh out of Rs 3.0 Lakhs already submitted/paid vide UTR No. SBIN520212862680 dated 30.07.20 was adjusted in petition no. 257/T L/2021. Accordingly, application fee of Rs 01 lakh for instant petition may be adjusted from the balance amount available in the above UTR.
Signature of the Authorised Signatory with Date:-		


 एन.वी. राजु / N.V. Raju
 सी.ई.ओ. / CEO
 पावरग्रिड साउथर्न इंटरकनेक्टर ट्रांसमिशन सिस्टम लिमिटेड
 Powergrid Southern Interconnector Transmission System Limited
 रिकंदराबाद / Sakindrabad / Sakindrabad

2. Particulars of the Project:

Details of Elements under present application for Grant of Transmission License

S.No	Name (location)	Voltage Level(s) (kV)	Transformer (Nos. and MVA capacity)	Reactive / capacitive compensation (device with MVAR capacity)	No. of Bays
1.	765kV Chilikaluripeta S/s	765 kV	--	1 no. 80 MVAR Reactor	---
2(a)	765kV Chilikaluripeta S/s	NGR bypass arrangem ent		NGR bypass arrangement to use switchable line reactors (240 MVAR each) as bus reactors installed on each circuit of Vemagiri – Chilikaluripeta 765 kV D/c line at Chilikaluripeta 765 kV S/s	
(b)	765kV Chilikaluripeta S/s	NGR bypass arrangem ent		NGR bypass arrangement to use switchable line reactors (240 MVAR each) as bus reactors installed on each circuit of Chilikaluripeta – Cuddapah 765 kV D/c line at Chilikaluripeta 765 kV S/s.	



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 पावरग्रिड साउथर्न इंटरकनेक्शन सिस्टम लिमिटेड
 Powergrid Southern Interconnection System Limited
 सिकंदराबाद / Secunderabad-500 000.

(a) Commissioning schedule

S.No	Scheme / Transmission Works	Completion Target
1	One spare unit (1-Ph) of 80 MVAR reactor at 765 kV Chilkaluripeta along with necessary arrangement to take spare reactor units into service as per the operational requirement.	15 months from issue of OM by CTUIL dated 16.11.2021
2(a)	NGR bypass arrangement to use switchable line reactors (240 MVAR each) as bus reactors installed on each circuit of Vemagiri – Chilkaluripeta 765 kV D/c line at Chilkaluripeta 765 kV S/s	6 months from issue of OM by CTUIL dated 16.11.2021
(b)	NGR bypass arrangement to use switchable line reactors (240 MVAR each) as bus reactors installed on each circuit of Chilkaluripeta – Cuddapah 765 kV D/c line at Chilkaluripeta 765 kV S/s.	6 months from issue of OM by CTUIL dated 16.11.2021

(b) List of Respondents.

1	Tamil Nadu Generation & Distribution Corporation Limited (TANGEDCO)
2	Bangalore Electricity Supply Company Limited (BESCOM)
3	Gulbarga Electricity Company Limited (GESCOM)
4	Hubli Electricity Supply Company Limited (HESCOM)
5	Mangalore Electricity Supply Company Limited (MESCOM)
6	Chamundeshwari Electricity Supply Company Limited (CESCOM)
7	Kerala State Electricity Board Limited
8	Southern Power Distribution Company of Telangana Limited
9	Northern Power Distribution Company of Telangana Limited
10	Electricity Department, Govt. of Puducherry


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 सी.ई.ओ. / CEO
 पावरग्रिड सदर्न इंटरनॅशनल प्राइवेट लिमिटेड
 Powergrid Southern International Private Limited
 बिल्डिंग नंबर 1, सो. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

11	Electricity Department, Govt. of Goa (GED)
12	Southern Power Distribution Company of Andhra Pradesh Limited
13	Eastern Power Distribution Company of Andhra Pradesh Limited

(e) Any other relevant information : Nil

3. Levelised transmission charges : : To be determined u/s 61, 62 of EA

4.

(a) Recommendation of selection
by the empowered committee

(b) Evaluation report made public
by the Bid Process Coordinator

Not Applicable



Signature of the Applicant

एन.वी. राजु / N.V. Raju

सी.ई.ओ. / CEO

पावरग्रिड सादरन इंटरकनेक्टर ट्रांसमिशन सिस्टम लिमिटेड
Powergrid Southern Interconnector Transmission System Limited
सिकंदराबाद / Secunderabad-500 080.

Date: 03.02.2022

Place: Secunderabad



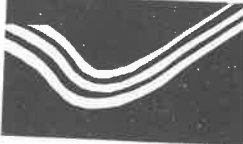
पावरग्रिड

पावरग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड

कार्पोरेट आफिस : प्लॉट नं-02, सेक्टर-29, गुड़गाँव (हरियाणा)

(स्पीड पोस्ट बुकिंग लिस्ट)


भारतीय डाक



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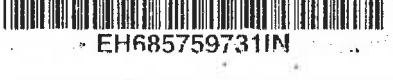

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