



PROCEEDINGS OF THE GOVERNMENT OF KARNATAKA

Sub: Amendment to the earlier approved project proposal of M/s. Greenko KA01 IREP Private Limited (formerly M/s. Greenko Solar Energy Private Limited) - reg.

Read: 1. Government Order No. CI 83 SPI 2018, dated 12.03.2018.
2. Government Order No. CI 83 SPI 2018, dated 27.02.2019.
3. Government Order No. CI 83 SPI 2018, dated 16.06.2020.
4. Government Order No. CI 83 SPI 2018, dated 24.08.2020.
5. Government Order No. CI 83 SPI 2018, dated 10.03.2023.
6. Proceedings of the 63rd State High Level Clearance Committee (SHLCC) meeting held on 08.03.2024.

Preamble:

SHLCC in its 51st meeting held on 02.03.2018 has approved the project proposal of M/s. Greenko Solar Energy Private Limited to establish a unit for "Integrated Renewable Energy Project consisting of 600 MW Pumped Storage Energy Project, 1000 MW Solar Power Project and 400 MW Wind Power Project" with an investment of Rs.11,790 crore and generating employment to about 500 persons in 6000 acres of land to be purchased U/s 109 of KLR Act in various Sy. Nos. in Tallur, Karalakatti, Basidonidoddi and other Villages of Saudatti, Ramadurga, Khanapura, Bailahongal, Gokak, Kittur and Belagavi Taluks in Belagavi District and Government Order read at (1) above was issued.

The company's request for enhancement of Pumped Storage Energy Project Capacity from 600 MW to 1260 MW with an additional investment of Rs.2805 crore was approved in the 52nd SHLCC Meeting held on 03.12.2018. Accordingly, Government Order read at (2) above was issued.

In the 53rd SHLCC meeting held on 23.03.2020, the Committee has granted extension of time by 3 years and accordingly Government Order vide read at (3) above was issued.

In the Government Order read at (4) above, Government has accorded approval to transfer the approval given to M/s. Greenko Solar Energy Private Limited in favor of "M/s. Greenko KA01 IREP Private Limited" for implementation of the project.

In the Government Order read at (5) above, Government has accorded approval for the following proposals of M/s. Greenko KA01 IREP Private Limited"

for implementation of the project approved vide Government Order No. CI 83 SPI 2018, dated 12.03.2018:

1. To grant time extension for further 3 years to complete all projects activities of Implementation of Integrated Renewable Energy Project (IREP) consisting of 1260 MW Pumped Storage Project, 1000 MW Solar Power Project and 400 MW Wind Power Project in various Villages of Belagavi District by M/s. Greenko KA01 IREP Private Limited.
2. To grant approval for inclusion of SPV Companies which are 100% subsidiaries of M/s. Greenko KA01 IREP Private Limited for implementation of Solar and Wind Power Projects and amendment of Government Order as :
 - a. M/s. Greenko KA01 IREP Solar1 Private Limited (subsidiary company) to implement 1000 MW Solar Power Component of the IREP project.
 - b. M/s. Greenko KA01 IREP Wind Private Limited (subsidiary company) to implement 400 MW Wind Power Component of the IREP project.
 - c. M/s. Greenko KA01 IREP Private Limited (holding company) to implement 1260 MW Pumped Storage of the IREP Project.

Status of implementation:

Company in informed that, they have taken following effective steps for implementation of the project:-

- They have invited for International Competitive Bidding for EPC Contractors for "supply, Erection Testing and Commissioning of Electro-Mechanical Package for IREP Standalone Pumped Storage Project.
- On 20th March 2023, they have won the tender called by Power Company of Karnataka Limited (PCKL), a Govt. of Karnataka undertaking, for selling 700 MW of Storage Power to State Discom's. PCKL has Issued Letter of Intent (LOI) vide Letter No. PCKL/ADP/JDP/DDP5/PHSP/2021-22/8564-71, dated 29th March 2023 and Awaiting for Letter of Award (LOA).
- Entered Land Sale Agreement with farmer for an extent of 4,661 Acres in Tallur Village vide Sy. No 26, 27, 29/1, 31, 38, 52, 232/1, 236, 239, 253, 265, 299, 306/1, 314, 315, 25, 233, 24/1, 255, 257 MOU dated: 23/05/2018, 12/09/2019 and 03/04/2023 and paid advance of Rs. 39.58 crore and also entered land sale deeds with farmers an extent of 110 acres in Sy. Nos. 57/3, 160, 162/1, 163/4, 162/2, 163/5, 162/4, 163/6, 168/4, 166/1, 166/2, 168/3, 168/5, 169/1, 179/1, 168/1, 159/2, 159/1, 168/2, 165/2, 165/4, 165/5, 170, 163/2, 189/1, 189/3, 191/1, 191/2, 191/3 and 146/A in Karlakatti Village, and Sy. No. 150/1, 155/2, 178/2, 173/4, 173/5, 150/2, 149/1, 151/1, 146/1, 173/7, 147/2 and

147/3 in Chakrageri village under registered sale deeds and paid an sale consideration and advance amount of Rs. 37.85 crore to the farmers.

- Conducted Public hearing at site for environment clearance on 07.01.2019.
- Obtained Terms of Reference from MOEF for 1260 MW Pumped Storage Project.
- Obtained Environmental Clearance from MOEF, New Delhi on 28th September 2018.
- Obtained Gram Panchayat NOC on 10.10.2018.
- Obtained stage I permission for Forest Diversion proposal for Extent of 160.4 hectare (400 Acres) under FCA act 1980 on 12.07.2022.
- Tree enumeration of Forest area required for the project is completed.
- Demarcation of Forest area for the project is under process.
- They have transferred and completed mutation process of 167.05 hectares land for Compensatory Afforestation (CA land) to Forest department and gazette notification is in final stage.
- Obtained permission for 1 TMC Water on non - consumptive basis from Renuka Sagar Dam Vide Government Order No. WRD 23 MPZ 2023, dated 28.03.2023.
- Obtained FRA (Forest Right Act) NOC from District Commissioner, Belagavi District for diversion of forest Land on 14.02.2023
- Formation of Land Tribunal Committee at Yaragatti Taluk, Belagavi District has been completed and posted for orders.
- Awaiting for Stage II permission from MOEF, New Delhi to start the construction activities.
- Term Loan Sanction letter was obtained from REC Limited, Delhi for an amount of Rs, 8,536 crore for setting up 1600 MW pumped storage project.

Now, the project proponent vide letter dated 31.01.2024, requested for the following amendments:-

- Increase in capacity of Pumped Storage Project from 1260 MW to 1600 MW to be executed by M/s. Greenko KA01 IREP Private Limited.
- Include the additional investment of Rs.5948.06 crore in addition to Rs.14595 crore.

Reasons/justification for amendment requested:

The company in its letter dated 31.1.2024 informed that, in compliance of the directive of irrigation department, Government of Karnataka a new Lower reservoir has been proposed for construction adjacent to the existing Renuka Sagar reservoir. Addition of this, the new lower reservoir has resulted to

reduction of 10 meters head for the Power Generation and based on the reduction in head the total storage capacity of the Pumped storage project is revised to 1600 MW with 9024MWh for 5.7 hrs with turbine capacity of (4 X 320 MW) + (2 X 160 MW) against earlier allotted storage capacity of 1260 MW with 14616 MWh for 11.6 hrs with turbine capacity (5 X 210 MW) + (2 X 105 MW) with same existing Water allocation of 1 TMC on recirculation basis. This change in revised configuration doesn't require any additional land and Water allocation.

Subsequently an additional investment of Rs. 5948.06 Crores is added to the total project cost of Rs. 14595 crores. This increase in project cost refers to construction of additional Lower Reservoir in an extent of about 360 acres in our earlier purchased land as per the directive of Irrigation Department, GoK and for procurement of turbines for the revised capacity of 1600 MW (4 X 320 MW) + (2 X 160 MW) against earlier allotted storage capacity of 1260 MW with 14616 MWh for 11.6 hrs with turbine capacity (5 X 210 MW) + (2 X 105 MW) and additional infrastructure with increased new costs.

In the 110th Land Audit Committee Meeting held on 02.02.2024, the representative of the company appeared before the Committee and requested approval for increase in capacity and additional investment.

The Committee noted the request of the company and after detailed discussions resolved to recommend to SHLCC for approval of the following:

- Increase in capacity of Pumped Storage Project from 1260 MW to 1600 MW to be executed by M/s. Greenko KA01 IREP Private Limited.
- Additional investment of Rs.5948.06 crore in addition to Rs.14,595 crore.

In the 63rd State High Level Clearance Committee (SHLCC) meeting held on 08.03.2024, the proposal of the Company was discussed and approved.

Government has examined the recommendations made by the SHLCC in its 63rd Meeting, in all aspects.

Hence the following order.

GOVERNMENT ORDER No.CI 144 SPI 2024, BENGALURU, DATE 14.03.2024

Government is pleased to accord approval for the proposal of M/s. Greenko KA01 IREP Private Limited (formerly M/s. Greenko Solar Energy Private Limited) for the following amendments:

1. *Increase in capacity of Pumped Storage Project from 1260 MW to 1600 MW to be executed by M/s. Greenko KA01 IREP Private Limited.*
2. *Additional investment of Rs.5948.06 crore in addition to Rs.14,595 crore.*

All other terms and conditions indicated in the Government Order No. CI 83 SPI 2018, dated 12.03.2018, 27.02.2019, 16.06.2020 and 24.08.2020 read at (1), (2), (3) and (4) above, remains unaltered.

By Order and in the name of the
Governor of Karnataka,
Shilpa S.R.
14/3/24
(SHILPA S.R.)
Desk Officer (Technical Cell),
Commerce & Industries Department.

To,

1. Principal Accountant General (G&SSA) & (E&RSA), Karnataka, New Building, 'Audit Bhawan', Post Box No. 5398, Bengaluru.
2. Principal Accountant General (A&E), Karnataka, Park House Road, Post Box No. 5329, Bengaluru.
3. Additional Chief Secretary to Govt., Energy Dept., Vikasa Soudha, Bengaluru.
4. Additional Chief Secretary to Govt., Urban Development Dept., Vikasa Soudha, Bengaluru.
5. Additional Chief Secretary to Govt., Water Resources Dept., Vikasa Soudha, Bengaluru.
6. Additional Chief Secretary to Govt., Forest, Ecology & Environment Dept., M.S. Building, Bengaluru.
7. Additional Chief Secretary to Govt., Finance Dept., Vidhana Soudha, Bengaluru-01.
8. Principal Secretary to Govt., Revenue Dept., M.S. Building, Bengaluru.
9. Secretary to Govt., Information Technology, Biotechnology and Science and Technology Dept., M.S. Building, Bengaluru.
10. Commissioner for Industrial Development and Director of Industries and Commerce, Khaniya Bhavan, Race Course Road, Bengaluru.
11. Commissioner for Commercial Taxes, Vanijya Therige Karyalaya, Gandhi Nagar, Bengaluru-09.
12. Managing Director, Hubli Electricity Supply Company Ltd., (HESCOM), Hubballi.
13. Member Secretary, Karnataka State Pollution Control Board, No. 49, Church Street, Parisara Bhavan, Bengaluru.

- 14.Chief Executive Officer & Executive Member, Karnataka Industrial Area Development Board, Khanija Bhavan, Race Course Road, Bengaluru.
- 15.Managing Director, Karnataka Udyog Mitra, Khanija Bhavan, Race Course Road, Bengaluru.
- 16.Director (Technical Cell), Commerce & Industries Dept., Vikasa Soudha, Bengaluru.
- 17.Additional Director (P&P), Directorate of Industries and Commerce, Khanija Bhavan Race Course Road, Bengaluru.
- 18.PS to Hon'ble Chief Minister, Vidhana Soudha, Bengaluru-01.
- 19.PS to Hon'ble Minister for Large and Medium Industries & Infrastructure Development, Vidhana Soudha, Bengaluru.
- 20.PS to Principal Secretary to Govt., Commerce & Industries Department, Vikasa Soudha, Bengaluru.
- 21.M/s. Greenko KA01 IREP Private Limited, Ground Floor, Prestige Khoday Tower, No-05, Rajbhavan Road, Bengaluru-01.
- 22.Guard File / Spare Copies.