

No.48-19/2/2024-NRE
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, 25th October, 2024

To,

1. Secretary, MNRE, New Delhi
2. Chairperson, Central Electricity Authority, Sewa Bhavan, R.K. Puram, New Delhi
3. Secretary, Central Electricity Regulatory Commission (CERC), New Delhi
4. Principal Secretaries/Secretaries (Power/Energy) of all State Governments/UTs
5. Secretaries of All State Electricity Regulatory Commissions/JERCs.
6. Chairman/CMDs of all PSUs under administrative control of Ministry of Power
7. CMD, SECI, New Delhi
8. CMDs/MDs of Discoms/Gencos of all State Governments
9. CMD, IEX LTD New Delhi & MD/CEO, PXIL, Mumbai
10. DG, Association of Power Producers, New Delhi.
11. President, FICCI, House No. 1, Tansen Marg New Delhi
12. President, CII, New Delhi
13. President, PHDCCI, New Delhi
14. ASSOCHAM, Chanakyapuri, New Delhi
15. Member, PRAYAS Energy Group, Pune
16. DG, Electric Power Transmission Association (EPTA), New Delhi
17. Chairman Indian Wind Power Association, New Delhi
18. Chairman, Indian Wind Turbine Manufacturers Association, New Delhi
19. Director General, National Solar Energy Federation of India (NSEFI), New Delhi.

Subject: Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid connected Power Projects - Regarding.

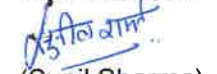
Sir/Madam,

I am directed to forward herewith the draft amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid connected (i) **Solar Power Projects** (ii) **Wind Power Projects** (iii) **Wind Solar Hybrid Projects** and (iv) **Firm and Dispatchable Power from Grid connected Renewable Energy Power Projects with Energy Storage Systems**, with a request to provide your comments, if any, to this Ministry within 15 days from the date of issue of this letter. The comments may also be emailed at nre.section-mop@gov.in.

2. This issues with the approval of Competent Authority.

Encl: As above.

Yours faithfully,


(Sunil Sharma)
Director (NRE)

Tel: 011-2306-2914

Copy for information to: PS to Hon'ble Minister for Power and Housing & Urban Affairs, APS to MoSP, PPS to Secretary (P), Sr. PPS to AS(P), PSO to CE (R&R), Ministry of Power.

Copy to: Technical Director, NIC Cell for uploading on MOP's website under "Current Notices" with the heading of "**Seeking comments on Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid connected Power Projects**".

MINISTRY OF POWER

RESOLUTION

New Delhi, the ... October, 2024

Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Firm and Dispatchable Power from Grid Connected Renewable Energy Power Projects with Energy Storage Systems

No. No. 48-19/2/2024-NRE: The Guidelines for Tariff Based Competitive Bidding Process for Procurement of Firm and Dispatchable Power from Grid Connected Renewable Energy Power Projects with Energy Storage Systems have been notified vide Resolution No. 23/03/2023-R&R published in the Gazette of India (Extraordinary) (Part1 - Section 1) on 9th June 2023.

2. The Central Government hereby notifies the following amendment in the said guidelines dated 9th June 2023:-

i. A new clause 3.3 is added after Clause 3.2 of the existing guidelines:

“3.3 RfS may specify the sub-station(s) in ISTS/InSTS, where the developers will connect the RE Power Project.”

ii. Clause 7.1 of the existing guidelines is modified as follows: -

7.1 PPA Period: *The PPA period shall generally be for a period of ~~20 (twenty)~~ 15 (fifteen) years from the Scheduled Commencement-of-Supply Date (SCSD) or from the rescheduled date of commencement of supply to the extent of extension given by the Procurer on the grounds which are beyond control of the Generator. The PPA may, however, also be fixed for a longer period such as 25 (twenty-five) years. The duration of the PPA must be mentioned upfront in the RfS document. The developers shall be free to operate their plants after the expiry of the PPA period. The developer may upgrade and repower their plants during the PPA period at its own risk and cost; and participate in subsequent bids to the extent of their untied capacity.*

iii. Section 7.6 (b) of the Guidelines may be modified as under:

“In the event the Generator fails to maintain a minimum availability continuously for ~~3 consecutive years~~ a period specified in the RfS, the Generator shall be in default and the procurers will have the option to either reduce the Generator's yearly minimum availability upon payment of lump-sum Damages equivalent to 24 (twenty-four) months or balance PPA period whichever is less of tariff for the supply obligation corresponding to reduction in availability or treat such failure of the Generator as an event of default and terminate the PPA and the PPA shall be liable to be terminated. Further, the Generator shall be liable to pay to the Procurer, damages, equivalent to 24 (twenty-four) months, or balance PPA period whichever is less, of tariff for its contracted capacity with the stipulated availability.”

iv. Clause 9.2.1 of the existing guidelines is modified as under:

“9.2.1. Technical Criteria:

- i. The Government would like to encourage competition by way increased participation. However, in order to ensure proper implementation of the Projects, the Procurer may choose to specify Technical Criteria. Such criteria should be set after an assessment of the number of project developers that are expected to meet the criteria so that an adequate level of competition is achieved.*
- ii. The developer shall install and maintain GPS enabled Automatic Weather Station (AWS) as per the technical specifications and standards specified by relevant Central Government agency. Availability of the data from such AWS shall be ensured as specified by the appropriate Load Dispatch Centre and other Central Government agencies in accordance with the provisions of Indian Electricity Grid Code and instructions from the appropriate Load Dispatch Centre from time to time.*
- iii. The technical criteria shall include provisions to ensure that the developer complies with applicable cyber security regulations, directives, and guidelines issued by the Central Government Authorities dealing with cyber security.”*

v. Clause 11.4 of the Guidelines may be modified as under”

*“Subject to provisions of the Act, the distribution licensee or the Intermediary Procurer, as the case may be, shall approach the Appropriate Commission for adoption of tariffs discovered, in terms of Section 63 of the Act, within 15 (fifteen) days of **acceptance of LoA** ~~the discovery of the tariffs through a reverse auction or otherwise, in the transparent competitive bidding process conducted in accordance with these Guidelines.”~~*

vi. A new instrument for establishment of Earnest Money deposit (Clause 12.1) is added after clause 12.1(a)

“12.1(a1) Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or any other instrument approved in General Financial Rules as amended from time to time by Central Government”

OR”

vii. A new instrument for establishment of Performance Bank Guarantee (Clause 12.2) is added after clause 12.2(a)

“12.2(a1) Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee and any other instrument approved in General financial Rules as amended from time to time by Central Government”

OR”

viii. Clause 12.3 of the Guidelines may be modified as under

*“In addition to the other remedies, this PBG (or alternatives provided thereto as per these Guidelines) can be encashed to recover any damages/dues of the generator in terms of the PPA. It is hereby clarified that the damages/dues recovered by the Intermediary Procurer by encashing the PBG, upon the default of the generator under the PPA, shall be credited to the Payment Security Fund to be maintained by the Intermediary Procurer under Clause 7.3 of these Guidelines. PBG (or alternatives provided thereto as per these Guidelines) shall be returned to the generator within 45 days of the **actual commencement of supply date** ~~SCSD~~ of the project. In case of part commencement of supply of power, PBG corresponding to such part capacity, should be released within 45 days **of the actual commencement of supply date.**”*

HEMANT KUMAR PANDEY, Chief Engineer (R&R)

MINISTRY OF POWER

RESOLUTION

New Delhi, the ... October, 2024

Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects

No. 48-19/2/2024-NRE: The Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects have been notified vide Resolution No. 27/01/2023-RCM published in the Gazette of India (Extraordinary) (Part1 - Section 1) on 28th July 2023.

2. The Central Government hereby notifies the following amendment in the said guidelines dated 28th July, 2023:-

i. New clause 3.3 is added after Clause 3.2 of the existing guidelines:

“3.3 RfS may specify the sub-station(s) in ISTS/InSTS, where the developers will connect the Solar PV Power Project.”

ii. Clause 6.1 of the existing guidelines is modified as following:

6.1 PPA Period: *The PPA period shall generally be for a period of 20 (Twenty) 15 (fifteen) years from the Scheduled Commencement-of-Supply Date (SCSD) or from the rescheduled date of commencement of supply to the extent of extension given by the Procurer on the grounds which are beyond control of the Generator. The PPA may, however, also be fixed for a longer period such as 25 (twenty-five) years. The duration of the PPA must be mentioned upfront in the RfS document. The developers shall be free to operate their plants after the expiry of the PPA period. The developer may upgrade and repower their plants during the PPA period at its own risk and cost; and participate in subsequent bids to the extent of their untied capacity.*

iii. Section 6.6 (b) of the Guidelines is modified as under:

“ In the event the Generator fails to maintain energy supply corresponding to the minimum CUF as declared in the PPA for 3 consecutive years, the Generator shall be in default and the procurers will have the option to either reduce the Generator’s yearly minimum supply obligation upon payment of lump-sum Damages equivalent to 24 (twenty-four) months or balance PPA period whichever is less of tariff for the reduction in yearly supply obligation or treat such failure of the Generator as an event of default and terminate the PPA. the PPA shall be liable to be terminated. Further, the Generator shall be liable to pay to the Procurer, damages, equivalent to 24 (twenty-four) months, or balance PPA period whichever is less, of tariff for its contracted capacity with the stipulated minimum CUF.”

iv. Section 10.4 of the Guidelines may be modified as under:

*“Subject to provisions of the Act, the distribution licensee or the Intermediary Procurer, as the case may be, shall approach the Appropriate Commission for adoption of tariffs discovered, in terms of Section 63 of the Act, within 15 (fifteen) days of **acceptance of LoA**~~the discovery of the tariffs through e-reverse auction or otherwise, in the transparent competitive bidding process conducted in accordance with these Guidelines.~~”*

- v. A new instrument for establishment of Earnest Money deposit (clause 11.1) is added after clause 11.1(a)

“11.1(a1) Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or any other instrument approved in General Financial Rules as amended from time to time by Central Government

OR”

- vi. A new instrument for establishment of Performance bank Guarantee (clause 11.2) is added after clause 11.2(a)

“11.2(a1) Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or any other instrument approved in General Financial Rules as amended from time to time by Central Government

OR”

- vii. Section 11.3 of the Guidelines may be modified as under:

*“In addition to the other remedies, this PBG (or alternatives provided thereto as per these Guidelines) can be encashed to recover any damages/dues of the generator in terms of the PPA. It is hereby clarified that the damages/dues recovered by the Intermediary Procurer by encashing the PBG, upon the default of the generator under the PPA, shall be credited to the Payment Security Fund to be maintained by the Intermediary Procurer under Clause 6.3 of these Guidelines. PBG (or alternatives provided thereto as per these Guidelines) shall be returned to the generator within 45 days of the **actual commencement of supply date**~~SCSD~~ of the project. In case of part commencement of supply of power, PBG corresponding to such part capacity should be released within 45 days **of the actual commencement of supply date.**”*

- viii. Clause 15 of the existing guidelines is modified as under:

“15. Technical Specification

15.1 Procurers shall promote commercially established and operational technologies to minimize the technology risk and to achieve the timely commencement of supply from the Projects. The detailed technical parameters for Solar PV/Energy Storage Systems shall be as specified by MNRE from time to time.

15.2 The developer shall install and maintain GPS enabled Automatic Weather Station (AWS) as per the technical specifications and standards specified by relevant central government agency. Availability of the data from such AWS shall be ensured as specified by the appropriate Load Dispatch Centre and other Central Government agencies in accordance with the provisions of Indian Electricity Grid Code and instructions from the appropriate Load Dispatch Centre from time to time.

15.3 The technical criteria shall include provisions to ensure that the developer complies with applicable cybersecurity regulations, directives, and guidelines issued by the Central Government Authorities dealing with cybersecurity.”

ix. Clause 16 of the existing guidelines is modified as under

*“The objective of these Guidelines is to bring standardization & uniformity in processes so that there is fairness & transparency in procurement. As such, these Guidelines need to be strictly followed in the bidding process and no bid, under section 63 of the Electricity Act, for procurement of Solar power from the Projects with or without Energy Storage System shall be issued in contravention to these Guidelines. However, in case it becomes imperative for the Procurer to deviate from these Guidelines and/or the SBDs, the same shall be subject to approval by the **Appropriate Commission** before the initiation of bidding process itself. The **Appropriate Commission** shall approve or require modification to the bid documents within a reasonable time not exceeding 60 (sixty) days of filing such petition.”*

HEMANT KUMAR PANDEY, Chief Engineer (R&R)

MINISTRY OF POWER

RESOLUTION

New Delhi, the ... October, 2024

Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Wind Solar Hybrid Projects.

No. 48-19/2/2024-NRE: The Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects have been notified vide Resolution No. 27/03/2023-RCM published in the Gazette of India (Extraordinary) (Part1 - Section 1) on 21st August, 2023.

2. The Central Government hereby notifies the following amendment in the said guidelines dated 21st August, 2023 :-

i. A new clause 5.3 is added after Clause 5.2 of the existing guidelines:

“5.3 RfS may specify the sub-station(s) in ISTS/InSTS, where the developers will connect the Wind Solar hybrid Power Project.”

ii. Clause 7.1 of the existing guidelines stand modified as follows

7.1 PPA Period: *The PPA period shall generally be for a period of ~~20 (twenty)~~ 15 (fifteen) years from the date of the SCSD or from the rescheduled date of commencement of supply to the extent of extension given by the Procurer on the grounds which are beyond control of the HPG. The PPA may, however, also be fixed for a longer period such as 25 (twenty-five) years. The duration of the PPA must be mentioned upfront in the RfS document. The developers shall be free to operate their plants after the expiry of the PPA period. The developer may upgrade and repower their plants during the PPA period at its own risk and cost; and participate in subsequent bids to the extent of their untied capacity. Developers who have already installed wind solar hybrid power plants or are in the process of constructing such plants and have untied capacity may also participate in the bid. In such case, they will be given the benefit of a longer period of PPA, commensurate to the duration between the actual date of commencement of supply of power and SCSD.*

iii. Section 7.7 (b) of the Guidelines may be modified as under:

In the event the Generator fails to maintain energy supply corresponding to the minimum CUF as declared in the PPA for 3 consecutive years, the Generator shall be in default and the procurers will have the option to either reduce the Generator's yearly minimum supply obligation upon payment of lump-sum Damages equivalent to 24 (twenty-four) months or balance PPA period whichever is less of tariff for the reduction in yearly supply obligation or treat such failure of the Generator as an event of default and terminate the PPA. ~~the PPA shall be liable to be terminated.~~ Further, the Generator shall be liable to pay to the Procurer, damages, equivalent to 24 (twenty-four) months, or balance PPA period

whichever is less, of tariff for its contracted capacity with the stipulated minimum CUF.

iv. Clause 9.2.1 of the existing guidelines is modified as under:

“9.2.1. Technical Criteria:

- i. The Government would like to encourage competition by way increased participation. However, in order to ensure proper implementation of the Projects, the Procurer may choose to specify Technical Criteria. Such criteria should be set after an assessment of the number of project developers that are expected to meet the criteria so that an adequate level of competition is achieved.*
- ii. The developer shall install and maintain GPS enabled Automatic Weather Station (AWS) as per the technical specifications and standards specified by relevant Central Government agency. Availability of the data from such AWS shall be ensured as specified by the appropriate Load Dispatch Centre and other Central government agencies in accordance with the provisions of Indian Electricity Grid Code and instructions from the appropriate Load Dispatch Centre from time to time.*
- iii. The technical criteria shall include provisions to ensure that the developer complies with applicable cybersecurity regulations, directives, and guidelines issued by the Central Government Authorities dealing with cybersecurity.”*

v. Section 12.4 of the Guidelines may be modified as under:

Subject to provisions of the Act, the distribution licensee or the Intermediary Procurer, as the case may be, shall approach the Appropriate Commission for adoption of tariffs by the Appropriate Commission in terms of Section 63 of the Act within 15 (fifteen) days of ~~acceptance of LoA~~ ~~the discovery of the tariffs in the transparent competitive bidding process conducted in accordance with these Guidelines.~~

vi. A new instrument for establishment of Earnest Money deposit (Clause 13.1) is added after clause 13.1(a)

“13.1(a1) Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or any other instrument approved in General Financial Rules as amended from time to time by Central Government.

OR”

vii. A new instrument for establishment of Performance Bank Guarantee (Clause 13.2) is added after clause 13.2(a)

“13.2(a1) Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or any other instrument approved in General Financial Rules as amended from time to time by Central Government.

OR”

viii. Clause 13.3 of the Guidelines may be modified as under:

*In addition to the other remedies, this PBG (or alternatives provided thereto as per these Guidelines) can be encashed to recover any damages/dues of the generator in terms of the PPA. It is hereby clarified that the damages/dues recovered by the Intermediary Procurer by encashing the PBG, upon the default of the generator under the PPA, shall be credited to the Payment Security Fund to be maintained by the Intermediary Procurer under clause 7.3 of these Guidelines. PBG (or alternatives provided thereto as per these Guidelines) shall be returned to the generator within 45 days of the **actual commencement of supply date of SCSD** the project. In case of commencement of supply of power from part capacity of the project, PBG corresponding to such part capacity should be released within 45 days **of the actual commencement of supply date**.*

ix. Clause 19 of the existing guidelines is modified as under

*In case it becomes imperative for the Procurer/intermediate procurer to deviate from these Guidelines and/or the SBDs, the same shall be subject to approval by the Appropriate **Commission** ~~Government~~ before the initiation of bidding process itself. The Appropriate **Commission** ~~Government~~ shall approve or require modification to the bid documents within a reasonable time not exceeding 60 (sixty) days.*

HEMANT KUMAR PANDEY, Chief Engineer (R&R)

MINISTRY OF POWER

RESOLUTION

New Delhi, the ... October, 2024

Amendment to the Guidelines for Tariff Based Competitive Bidding Process for Procurement Power from Grid Connected Wind Power Projects

No. 48-19/2/2024-NRE: The Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Wind Power Projects have been notified vide Resolution No.27/02/2023-RCM published in the Gazette of India (Extraordinary) (Part1 - Section 1) on 26th July 2023.

2. The Central Government hereby notifies the following amendment in the said guidelines dated 28th July, 2023:-

i. A new clause 4.3 is added after Clause 4.2 of the existing guidelines:

“4.3 RfS may specify the sub-station(s) in ISTS/InSTS, where the developers will connect the Wind Power Project.”

ii. Clause 6.1 of the existing guidelines is modified as follows:

“ PPA Period: The PPA period shall generally be for a period of 20 ~~(twenty)~~ 15 (fifteen) years from the date of the SCSD or from the rescheduled date of commencement of supply to the extent of extension given by the Procurer on the grounds which are beyond control of the WPG. The PPA may, however, also be fixed for a longer period such as 25 (twenty-five) years. The duration of the PPA must be mentioned upfront in the RfS document. The developers shall be free to operate their plants after the expiry of the PPA period. The developer may upgrade and repower their plants during the PPA period at his own risk and cost; and participate in subsequent bids to the extent of their untied capacity. Developers who have already commissioned wind power plants or are in the process of constructing such plants and have untied capacity may also participate in the bid. In such case, they will be given the benefit of a longer period of PPA, commensurate to the duration between the actual date of commencement of supply of power and SCSD.”

iii. Section 6.6 (b) of the Guidelines may be modified as under:

In the event the Generator fails to maintain energy supply corresponding to the minimum CUF as declared in the PPA for 3 consecutive years, the Generator shall be in default and the procurers will have the option to either reduce the Generator's yearly minimum supply obligation upon payment of lump-sum Damages equivalent to 24 (twenty-four) months or balance PPA period whichever is less of tariff for the reduction in yearly supply obligation or treat such failure of the Generator as an event of default and terminate the PPA and the PPA shall be liable to be terminated. Further, the Generator shall be liable to pay to the Procurer, damages, equivalent to 24 (twenty-four) months, or balance PPA period whichever is less, of tariff for its contracted capacity with the stipulated minimum CUF.

iv. Clause 8.2.1 of the existing guidelines is modified as under:

“8.2.1. Technical Criteria:

i. The Government would like to encourage competition by way of increased participation. However, in order to ensure proper implementation of the projects, the Procurer may choose to specify technical criteria. Such criteria should be set after an assessment of the number of project developers that are expected to meet the criteria so that an adequate level of competition is achieved. Cut-off date for meeting the technical criteria should generally be kept as the end date of the financial year that is previous to the financial year in which the bid is being floated.

ii. The developer shall install and maintain GPS enabled Automatic Weather Station (AWS) as per the technical specifications and standards specified by relevant Central Government agency. Availability of the data from such AWS shall be ensured as specified by the appropriate Load Dispatch Centre and other Central government agencies in accordance with the provisions of Indian Electricity Grid Code and instructions from the appropriate Load Dispatch Centre from time to time.

iii. The technical criteria shall include provisions to ensure that the developer complies with applicable cyber security regulations, directives, and guidelines issued by the Central Government Authorities dealing with cyber security.”

v. Section 11.4 of the Guidelines may be modified as under:

“Subject to provisions of the Act, the distribution licensee shall approach the Appropriate Commission for adoption of tariffs by the Appropriate Commission in terms of Section 63 of the Act, within 15 (fifteen) days of ~~acceptance of LoA~~ ~~the discovery of the tariffs in the transparent competitive bidding process conducted in accordance with these Guidelines.~~”

vi. A new instrument for establishment of Earnest Money deposit (Clause 12.1) is added after clause 12.1(a)

“12.1(a1) Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or any other instrument approved in General Financial Rules as amended from time to time by Central Government.

OR”

vii. A new instrument for establishment of Performance Bank Guarantee (Clause 12.2) is added after clause 12.2(a)

“12.2(a1) Insurance Surety Bonds which would be paid unconditionally similar to a Bank Guarantee or any other instrument approved in General Financial Rules as amended from time to time by Central Government.

OR”

viii. Clause 12.3 of the Guidelines may be modified as under:

*“In addition to the other remedies, this PBG (or alternatives provided thereto as per these Guidelines) can be encashed to recover any damages/dues of the generator in terms of the PPA. It is hereby clarified that the damages/dues recovered by the Intermediary Procurer by encashing the PBG, upon the default of the generator under the PPA, shall be credited to the Payment Security Fund to be maintained by the Intermediary Procurer under clause 6.3 of these Guidelines. PBG (or alternatives provided thereto as per these Guidelines) shall be returned to the generator within 45 days of the **actual commencement of supply date** of the project. In case of commencement of supply of power from part capacity of the project, PBG corresponding to such part capacity should be released within 45 days **of the actual commencement of supply date.**”*

ix. Clause 18 of the existing guidelines is modified as under:

“In case it becomes imperative for the Procurer/intermediate procurer to deviate from these Guidelines and or the SBDs, the same shall be subject to approval by the Appropriate ~~Commission~~Government before the initiation of the bidding process itself. The Appropriate ~~Commission~~Government shall approve or require modification to the bid documents within a reasonable time not exceeding 60 (sixty) days.”

HEMANT KUMAR PANDEY, Chief Engineer (R&R)