

Maharashtra State Electricity Distribution Co. Ltd.

Office of the Chief Engineer (Power Purchase) "Prakashgad", 5th Floor, Station Road, Bandra (E), Mumbai -400 051. Tel.: (P) 26580645, (O) 26474211, Fax : (022) 2658 0656 Email: <u>cepp@mahadiscom.in</u>, Website: <u>www.mahadiscom.com</u>

Date:

No. CE/RE/MERC/

To,

0.26678

- 16 NOV 2018

The Secretary, Maharashtra Electricity Regulatory Commission, 13<sup>th</sup> Floor, Centre No.1, World Trade Centre, Cuffe Parade, Colaba, Mumbai – 400 005

**Sub:** Filing of Petition for seeking approval to bidding documents for long term procurement (25 years) of 1000 MW solar power from 10 clusters of 100 MW floating solar projects to be developed on Ujjani Dam, Solapur Through competitive bidding process for meeting the renewable purchase obligations.

#### **Respected Sir**,

Please find enclosed herewith MSEDCL's petition for seeking approval to bidding documents for long term procurement (25 years) of 1000 MW solar power from 10 clusters of 100 MW floating solar projects to be developed on Ujjani Dam, Solapur through competitive bidding process for meeting the renewable purchase obligations.

The requisite fee amounting of Rs.10,000/- is submitted through Demand Draft no.406917 dated 23.10.2018.

Submitted for your further needful please.

Thanking you.

Yours faithfully,

Chief Engineer (Renewable Energy)

Copy s. w. r. to:

i) The Director (Commercial), MSEDCL, Mumbai.

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# BEFORE THE MAHARASHTRA STATE REGULATORY

**COMMISSION** 

CASE NO. \_\_\_\_OF 2018

Filing No.

IN THE MATTER OF

PETITION FOR SEEKING APPROVAL TO BIDDING DOCUMENTS FOR LONG TERM PROCUREMENT (25 YEARS) OF 1000 MW SOLAR POWER FROM 10 CLUSTERS OF 100 MW FLOATING SOLAR PROJECTS TO BE DEVELOPED ON UJJANI DAM, SOLAPUR THROUGH COMPETITIVE BIDDING PROCESS FOR MEETING THE RENEWABLE PURCHASE OBLIGATIONS

AND

VUEET SINGH

SANTACRUZ (E), MUMBAI M.S. Regd. No. 9136

xp. Dt. 20/10/2021

OF

IN THE MATTER OF

REGULATION 5 OF THE MERC (TERMS AND CONDITIONS FOR DETERMINATION OF RENEWABLE ENERGY TARIFF) REGULATIONS, 2015

IN THE MATTER OF

**REGULATION 19 OF MERC (RPO, ITS COMPLIANCE AND IMPLEMENTATION OF REC FRAMEWORK) REGULATIONS, 2016.** 

AND

IN THE MATTER OF

REGULATION 94 OF MERC (CONDUCT OF BUSINESS) REGULATIONS, 2004.

AND

IN THE MATTER OF

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED, PRAKASHGAD, BANDRA (EAST), MUMBAI – PETITIONER

# AFFIDAVIT ON BEHALF OF PETITIONER (MSEDCL) VERIFYING THE PETITION

I, KAVITA K. GHARAT, aged 40 years having my office at 5th Floor, Prakashgad, Bandra (East), Mumbai-400051 do solemnly affirm and say as follows:

- 1. I am the Chief Engineer (Renewable Energy) of Maharashtra State Electricity Distribution Co. Ltd., the Review Petitioner in the above matter and am duly authorized competent to make this affidavit.
- 2. The statements made in paragraphs of the petition are true to my knowledge and belief and statements made in paragraphs one to four are based on information 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 Petitioner is a party and where issues arising and/or reliefs sought are identical or similar to the issues arising in the matter pending before the Commission.

Solemnly affirm at Mumbai on this day 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.

Identified before me

Deponent

Kapavat

Chief Engineer (Renewable Energy)

**MSEDCL** Date: 6<sup>th</sup> November-2018 BEFORE RANJEET SINGH SANTACRUZ (E), Place: Mumbai MUMBAI M.S. ANJEE SINGH Regd. No. 9136 M.Sc.LL.B NOTARY (p. Dt. 20/10/202 MAHARASHTRA GOVT. OF INDIA -6 NOV 2018 A SINGF RANJEET SINGH GF SANTACRUZ (E). SANTACRUZ (E), MUMBAI M.S. MUMBAI M.S. Regd. No. 9136 rd Me. 9136 Regd. No. 9136 xp. Dt. 20/10/202" Exp. Dt. 20/10/2021 ARIAL 2

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MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED, PRAKASHGAD, BANDRA (EAST), MUMBAI – PETITIONER

# MANARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD. RESPECTFULLY SUBMITS:

# Background:

Maharashtra State Electricity Distribution Co. Ltd. (*hereinafter to be referred to as* "MSEDCL" or "the Petitioner") has been incorporated under Indian Companies Act, 1956 pursuant to decision of Government of Maharashtra to reorganize erstwhile Maharashtra State Electricity Board (herein after referred to as "MSEB").

- 1.2. MSEDCL is a Company constituted under the provisions of Government of Maharashtra, General Resolution No. PLA-1003/C.R.8588/Energy-5 dated 25th January 2005 and is duly registered with the Registrar of Companies, Mumbai on 31st May 2005.
- 1.3. MSEDCL is functioning in accordance with the provisions envisaged in the Electricity Act, 2003 and is engaged, within the framework of the Electricity Act, 2003, in the business of Distribution of Electricity to its consumers situated over the entire State of Maharashtra, except some parts of city of Mumbai.
- 1.4. Clause 6.4 of the National Tariff Policy (NTP), 2016, provides that 'States shall endeavour to procure power from Renewable Energy (RE) sources through Competitive Bidding to keep the tariff low, except from the waste to energy plants. Procurement of power by Distribution Licensee from RE sources from projects above the notified capacity shall be done through Competitive Bidding process, from the date to be notified by the Central Government'.
- Clause 5.12.2 of the National Electricity Policy (NEP), 2005 notified on 12 February, 2005, provides for Competitive Bidding in Renewable Energy

"... Progressively the share of electricity from non-conventional sources would need to be increased as prescribed by State Electricity Regulatory Commissions. Such purchase by distribution companies shall be through Competitive Bidding process...."

1.6. Accordingly, the Ministry of Power (MoP), vide its Notification dated 03.08.2017, has issued Guidelines under Section 63 of the Electricity Act (EA), 2003 for Tariff- based Competitive Bidding for long-term procurement of 5 MW and above from grid-connected Solar PV Power Projects.

1.7. Government of Maharashtrampetitivevide policy dated 20 July, 2015 for development of new and renewable sources of energy and considering the \*limitations of the availability of the land for the Solar Projects, and the scope for development of solar projects on the water surface of the rivers, sea, dams, the GoM appointed MSEDCL as implementing agency to set up a 1000 MW Floating Solar PV Power Plant on Ujjani Dam water reservoir in Solapur district of Maharashtra.

- 1.8. MSEDCL invited expression of Interest (EoI) from interested parties for Floating Solar Project of 1000 MW at Ujjani Dam and asked to submit various information available regarding the floating solar project, technology details, clearances required, power evacuation, etc.
- 1.9. MSEDCL received responses to EoI from 25 interested firms/parties. The parties made their suggestion on various aspects such as Structure/ Material /Design criteria, Installed Capacity, Merits/De-merits, Power Evacuation Arrangement, Environmental effect, Project site and timelines, Project Cost and other requirements of various studies.
- 1.10. Further considering the complexities involved in this new type of project, MSEDCL had requested GoM for involvement of various departments in the implementation of the project.
- 1.11. GoM vide Resolution dated 21<sup>st</sup> June, 2018 had set up a Committee comprising the various departments to analyze, study and redress various issues and works involved, methodology for implementation, and any other related issues, which may arise during the implementation. After the proceeding of the committee, report with recommendation has been submitted to the Government of Maharashtra.
- 1.12. Considering the initiative specified in the NTP / NEP to promote Renewable Power, the guidelines / Policy issued by MoP to undertake the procurement of the renewable power under the competitive bidding route and the GoM's policy, MSEDCL hereby proposed to procure the Floating Solar Power (as a one of its kind project) under Competitive bidding route. The bidding documents so framed by MSEDCL are based on the above specified guidelines of Solar with the necessary changes as required considering the technical and project specification required for floating solar project, also considering the recommendations of the above mentioned Committee.

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## 2. **RPO** targets and fulfillments:

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The Hon'ble Commission has notified Maharashtra Electricity Regulatory Commission (Renewable Purchase Obligation, its compliance and implementation of REC framework) Regulations, 2016 (*hereinafter to be referred as RPO Regulations 2016*) on 30<sup>th</sup> March, 2016 for the control period from FY 2016-17 to FY 2019-20.

2.2. As per Regulation 7.1 of MERC RPO Regulations 2016, the revised RPO targets are as below.

| Year    | Quantum of Purchaser (in %) from RE sources (in terms<br>of energy equivalent in kWh) |                         |        |
|---------|---|-------------------------|--------|
|         | Solar   | Non-Solar (Other<br>RE) | Total  |
| 2016-17 | 1.00%   | 10.00%                  | 11.00% |
| 2017-18 | 2.00%   | 10.50%                  | 12.50% |
| 2018-19 | 2.75%   | 11.00%                  | 13.75% |
| 2019-20 | 3.50%   | 11.50%                  | 15.00% |

Further, as per Ministry of Power GoI letter dated 14<sup>th</sup> June 2018, MoP in consultation with Ministry of New & Renewable Energy (MNRE) has notified the long term growth trajectory of Renewable Purchase Obligations (RPOs) for Solar and Non-Solar, uniformly for all States/Union Territories, for three years period from FY 2019-20 to FY 2021-22 as under:

| Year    | Long Term RPO Trajectory |           |        |  |
|---------|--------------------------|-----------|--------|--|
|         | Solar                    | Non-Solar | Total  |  |
| 2019-20 | 7.25%                    | 10.25%    | 17.50% |  |
| 2020-21 | 8.75%                    | 10.25%    | 19.00% |  |
| 2021-22 | 10.50%                   | 10.50%    | 21.00% |  |

2.3. The Compliance status of MSEDCL's existing Solar RPO is as under:

| Period                   | Shortfall in Mus |
|--------------------------|------------------|
| FY 2010-11 to FY 2015-16 | 1360             |
| FY 2016-17 (Provisional) | 690              |
| FY 2017-18 (Provisional) | 1476             |
| Total                    | 3526             |

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- 2.4. It is submitted that, MSEDCL has made all efforts to fulfilling its Non-Solar and Solar RPO target by way of procurement of respective power and purchase of RECs. However, considering the future RPO targets, MSEDCL needs to procure additional RE power for fulfillment of RPO targets so as to accommodate the actual power in the system rather than to rely on REC.
- 2.5. In order to fulfill the Solar RPO targets & also to provide daytime Power supply to Agricultural Consumer, MSEDCL proposes to carry out the competitive bidding for selection of Floating Solar project developers (FSPD) for 1000 MW power procurement of power from Floating Solar project on long term basis on Ujjani Dam, Solapur based on the recommendations of the Committee set up by GoM vide its Resolution dated 21<sup>st</sup> June, 2018. MSEDCL plans to carry out 10 separate bidding processes of 100 MW each for 10 different locations out of 14 suggested locations in the report of the High-Power Committee.
- 2.6. The basic advantage of implementation of Floating Solar model are summarized below:
  - The floating solar panels do not require land to be deployed and hence can be deployed in areas which have limited land space available
  - Floating solar panels can shade the water they float on and reduce evaporation by up to 70%. In case of this project of 1000 MW, Reduction in water evaporation will be upto 6 to 7%, which will save around 1 TMC water from evaporation
  - Improve water quality because of lesser algae formation due to reduced exposure
  - Also, Solar systems installed on water will be cooler due to evaporating water, which causes them to operate more efficiently as compared to ground mounted project
  - Further, the floating solar power project shall provide electricity to the agricultural consumers in the nearby areas.

## 3. Recommendations of the Committee:

3.1. GoM vide Resolution dated 21<sup>st</sup> June, 2018 had set up a Committee to analyze, study and redress various issues and works involved, methodology for implementation, and any other related issues, which may arise during the

implementation of Floating Solar power project of 1000 MW at Ujjani Dam, Solapur.

- 3.2.
  - The Committee under chairman ship of Director (Commercial), MSEDCL and comprising the members from Water Resource Department, MEDA, STU, Environment department was been formed considering the limited knowledge presently available regarding this new technology.
  - 3.3. After detailed study and analyzation of various parameters which may play an important role in the implementation of Floating Solar Project on Ujjani Dam, Solapur, the Committee provided following recommendations on various factors:
  - 3.3.1. <u>Finalization of Locations</u>: The Committee has finalized 18 cluster locations for 100 MW capacity each in the reservoir area along with the detailed geo-coordinates as below:

| Sr. No.  | Location details |           | Nearby location along the flank        |       |  |
|----------|------------------|-----------|--|-------|--|
| SI. INO. | Lat              | Long      | Village                                | Flank |  |
| 1        | 18.233950        | 75.106521 | Between Chikhalthan And Dahigaon       | LHS   |  |
| 2        | 18.241939        | 75.072562 | Chikhalthan No.1                       | LHS   |  |
| 3        | 18.225676        | 75.025626 | Between Chikhalthan No.2 And<br>Kugaon | LHS   |  |
| 4        | 18.226532        | 75.026956 | Kugaon                                 | LHS   |  |
| 5        | 18.241450        | 75.039745 | Kugaon And Sogaon East                 | LHS   |  |
| 6        | 18.241450        | 75.039745 | Kugaon And Sogaon East                 | LHS   |  |
| 7        | 18.252047        | 75.051504 | Kugaon And Sogaon East                 | LHS   |  |
| 8        | 18.255022        | 75.007044 | Near Goyegaon                          | LHS   |  |
| 9        | 18.280778        | 74.946190 | Near Kettur                            | LHS   |  |
| 10       | 18.256306        | 74.870358 | Between Pomalwadi And Takali (R)       | LHS   |  |
| 11       | 18.254574        | 74.861263 | Near Takali (R)                        | LHS   |  |
| 12       | 18.202521        | 75.075064 | Between Takali No.1 And Padasthal      | RHS   |  |
| 13       | 18.190617        | 75.030604 | Between Kalthan No.2 And Padasthal     | RHS   |  |
| 14       | 18.206109        | 75.003653 | Near Kalthan No.1                      | RHS   |  |
| 15       | 18.249072        | 75.019189 | Near Gangawalan                        | RHS   |  |
| 16       | 18.266402        | 74.939194 | Near Chandgaon                         | RHS   |  |
| 17       | 18.236518        | 74.877396 | Between Chandgaon And Palasdeo         | RHS   |  |
| 18       | 18.236763        | 74.844523 | Near Kalewadi                          | RHS   |  |

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In its report, the Committee has suggested that initially 10 locations shall be taken up in first phase. The details of the 10 locations are as under:

| IN | Sr. No.   | Locatio   | n details                          | Nearby location along the flank   |       |
|----|---|-----------|------------------------------------|-----------------------------------|-------|
|    | OI. INU.  | Lat       | Long                               | Village                           | Flank |
|    | 1   | 18.233950 | 75.106521                          | Between Chikhalthan And Dahigaon  | LHS   |
|    | 2   | 18.226532 | 75.026956                          | Kugaon                            | LHS   |
|    | 3   | 18.241450 | 75.039745                          | Kugaon And Sogaon East            | LHS   |
|    | 4   | 18.255022 | 75.007044                          | Near Goyegaon                     | LHS   |
|    | 5   | 18.256306 | 74.870358                          | Between Pomalwadi And Takali (R)  | LHS   |
|    | 6   | 18.202521 | 75.075064                          | Between Takali No.1 And Padasthal | RHS   |
|    | 7 18.190617 75.030604 Between Kalthan No.2 And Padastha   8 18.206109 75.003653 Near Kalthan No.1 |           | Between Kalthan No.2 And Padasthal | RHS                               |       |
|    |   |           | RHS                                |                                   |       |
|    | 9   | 18.266402 | 74.939194                          | Near Chandgaon                    | RHS   |
|    | 10  | 18.236518 | 74.877396                          | Between Chandgaon And Palasdeo    | RHS   |

After completion of first phase, possibility of installation of floating solar project on balance 8 clusters may be explored in second phase.

3.3.2. <u>Technology and Technical Parameters:</u> The Committee suggested to utilize the available technical standards of ground mounted plants along with material of marine grading.

For floating structure, Mooring System and Anchoring System, Developer shall discover standards and specifications at its own and shall conduct Bathymetry and Hydrography study.

- 3.3.3. <u>Evacuation arrangement:</u> Solar Power Developer to develop evacuation arrangements from project to existing / proposed STU/MSETCL Sub-Station by keeping spare land for at least four (4) nos. of 33 kV bays for Mukhyamantri Solar Agriculture Feeder Scheme.
- 3.3.4. Environment and other clearances: The Committee recommended that consent to establish and consent to operate from MPCB required and third party study for assessment of the impact of project on environment shall be done by Developer. Environment Department and Conservator of Forest (wild life) confirmed that no clearance required from them. GoM to communicate the same to MoEF, GoI.
- 3.3.5. <u>Safety and Risk management:</u> The Committee proposed to create the Special Fund as the contingency reserve (Certain part of the Tariff for example Rs. 0.02 per unit may be allocated) for clearances of project site after PPA Period or to

meet any other eventuality/ emergency in future periods. Till then support from the Green Cess fund shall be provided.

3.4. The final Committee Report on the Floating Solar Project has been enclosed as / Annexure A to this Petition.

# MSEDCL's proposal for development of 1000 MW Floating Solar project on Ujjani Dam, Solapur:

- 4.1. Considering the above submission and the recommendations of the Committee, MSEDCL will initiate the process for power procurement from Floating Solar project on long term basis, through 10 separate competitive bidding processes for 10 different locations on TCIL Portal to fulfill the Renewable Purchase Obligation requirement as per MERC (Renewable Purchase Obligation, its Compliance and implementation of REC Framework) Regulations, 2016 with a ceiling Tariff of Rs. 2.71/unit.
- 4.2. MSEDCL plans to float 10 separate bids of 100 MW at each location whereby each bidder shall have an obligation to bid for a minimum of 100 MW installed capacity at each location.
- 4.3. It is important to note that MSEDCL in consultation with WRD shall make available the spare lands to the developer for PPA Period. For the said purpose, MSEDCL shall facilitate a tri-partite agreement between MSEDCL, FSPD and WRD. The validity of the tri-partite agreement shall be linked with the validity of the PPA between MSEDCL and the FSPD. MSEDCL will provide detail of the locations mapped by WRD along with its geographical information and has incorporated the necessary terms and conditions in the tendering documents, as recommended by the Committee in its Committee Report.
- 4.4. STU will make plan according the selected locations by the successful bidder to ensure capability of its network to evacuate 1000 MW Power from the said projects, however the evacuation arrangements from its project to existing EHV Sub-station and acquiring the Grid connectivity for the project shall be the responsibility of the FSPD.

#### 5. <u>Approval of the Bidding Documents</u>

5.1. As per the Clause 3.1.1 (b) of the Guidelines dated 03.08.2017 issued by Ministry of Power, for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects, the procurer shall inform the initiation of bidding process to the appropriate Commission.

- Also, the Hon'ble Commission in its order dated 6 December, 2017 in Case No. 157 of 2017; in the matter of seeking approval of Long/Medium/Short term procurement of Renewable Energy through Competitive Bidding has ruled that MSEDCL shall come before the Hon'ble Commission through specific Petition prior to the bidding process only if MSEDCL requires any deviation with respect to the bidding documents.
- 5.3. Accordingly, MSEDCL has approached this Hon'ble Commission for Procurement of Power through competitive bidding process followed by ereverse e-auction for Grid connected Floating Solar Power projects at Ujjani Dam, Solapur.
- 5.4. MNRE has not notified any specific guidelines for Floating Solar Project till the date. Therefore, MSEDCL while preparation of Bidding Documents has considered the already issued guidelines dated 03.08.2017 for Solar Projects along with its Amendment dated 14<sup>th</sup> June 2018.
- 5.5. Accordingly, MSEDCL has prepared bidding documents, namely Draft Request for Selection (RfS) (Annexure B) and Draft Power Purchase Agreement (PPA) (Annexure C) in line with the Guidelines specified by the MoP for Tariff Based Competitive Bidding Process for Procurement of Power from Grid Connected Solar PV Power Projects dated 03.08.2017 along with its amendment dated 14<sup>th</sup> June 2018.
- 5.6. MSEDCL seeks approval of the Hon'ble Commission for the following deviation in the RfS and Draft PPA with respect to Clause 5.5.1(a) and Clause 5.5.1(b) of the above mentioned MoP guideline:

| Clause  | Clause in MoP<br>Guideline  | Deviation in Clause   | Remark  |
|---|---|---|---|
| Generation<br>Compensation<br>in offtake<br>constraint due<br>to Transmission<br>Infrastructure<br>not complete/<br>ready<br>(Transmission<br>constraint) | Clause 5.5.1(a)<br>After the scheduled<br>commissioning date, if<br>the plant is ready but<br>the necessary power<br>evacuation/<br>transmission<br>infrastructure is not<br>ready, for reasons not<br>attributable to the<br>Solar Power<br>Generator, leading to<br>offtake constraint, the<br>provision for<br>generation<br>compensation is as<br>follows   | Article 5.2.6 of Draft PPA& Clause 3.11.5 of RfSAfterthescheduledcommissioning date, if theplantisreadybutplantisreadybutnecessarypowerevacuation / transmissioninfrastructurebeyonddelivery Point (i.e. LV sideoftheEHVpoolingsubstation)isnoconstraint,nocompensationshallbepermissibletothegenerator.  | Since the responsibility<br>for construction of the<br>necessary power<br>evacuation<br>infrastructure from the<br>floating solar power<br>project till the delivery<br>point i.e. the EHV<br>pooling substation and<br>further till the EHV<br>substation of MSETCL<br>is of the FSPD, no<br>compensation shall be<br>payable. |
| Generation<br>Compensation<br>in offtake<br>constraints due<br>to Grid<br>Unavailability:   | Clause 5.5.1(b)<br>During the operation<br>of the plant, there can<br>be some periods<br>where the plant can<br>generate power but<br>due to temporary<br>transmission<br>unavailability beyond<br>Delivery Point the<br>power is not<br>evacuated, for reasons<br>not attributable to the<br>Successful Bidder. In<br>such cases the<br>generation<br>compensation shall be<br>addressed by<br>MSEDCL in following | Article 5.2.7 of Draft PPA<br>& Clause 3.11.6 of RfS<br>During the operation of<br>the plant, there can be<br>some periods where the<br>plant can generate power<br>but due to temporary<br>transmission unavailability<br>beyond Delivery Point (i.e.<br>LV side of the EHV<br>pooling substation) the<br>power is not evacuated. In<br>such cases the no<br>compensation shall be<br>permissible to the<br>generator. | for construction of the<br>necessary power<br>evacuation<br>infrastructure from the<br>floating solar power<br>project till the delivery<br>point i.e. the EHV<br>pooling substation and<br>further till the EHV  |

- 5.7. The Hon'ble Commission in its order dated 06.12.2017 for Case No. 157 of 2017; seeking approval of Long/Medium/Short term procurement of Renewable Energy through Competitive Bidding had ruled that MSEDCL shall Some before the Commission through specific Petition prior to the bidding process only if MSEDCL requires any deviation with respect to the bidding documents.
- 5.8. MSEDCL is hereby filing this petition before Hon'ble Commission for necessary approval to the deviations, as per clause no. 5.5.1(a) and 5.5.1(b) of MoP guidelines.
- 5.9. MSEDCL humbly requests the Hon'ble Commission to approve the draft RFS and draft PPA. The documents are prepared with an objective to get a higher participation from the bidders considering the emerging concept of Floating Solar.
- 5.10. On completion of the bidding process followed by e-reverse auction, MSEDCL shall again approach to the Hon'ble Commission for adoption of Tariff discovered through the Competitive bidding process under Section 63 of the Electricity Act, 2003.

#### 6. Prayers:

- 6.1. In view of the above the Petitioner respectfully prays to the Hon'ble Commission:
  - a) To admit the Petition as per the provisions of the Regulation 5 of the RE Tariff Regulations 2016, 19 of RPO Regulations 2016 and 94 of the Conduct of Business 2004.
  - b) To accord approval for initiation of competitive bidding process for procurement of 1000 MW power from Floating Solar Project on long term basis to be established on Ujjani Dam.
  - c) To approve the Bidding Documents (Draft RFS and Draft PPA) prepared & enclosed for procurement of power from Floating Solar Project along with the deviations as sought above in this petition.
  - d) To consider procurement of power from Floating Solar Power projects for meeting the respective solar RPO requirement of MSEDCL.

- e) To pass any other order/relief as the Hon'ble Commission may deem fit and appropriate under the circumstances of the case;
- f) Condone any error/omission and to give opportunity to rectify the same;

g) To permit the Petitioner to make further submissions, addition and alteration to this Petition as may be necessary from time to time.

Chief Engineer (Renewable Energy)

Date: 6<sup>th</sup> November-2018

Place: Mumbai

