Implementation and Support Agreement for

Grid Connected

Solar Photo Voltaic Projects

Under Batch-II Tranche-I

of

National Solar Mission Phase-II

State Specific Bundling Scheme

for

Kurnool Ultra Mega Solar Park(1000 MW)

in

Andhra Pradesh

**ISSUED BY**

**Andhra Pradesh Solar Power Corporation Private Limited**

**6-3-856/A/3, Sadat Manzil Compound, Opposite to Green Park Hotel, Neeraj Public School Lane, Ameerpet, Hyderabad – 500016**

Contents

[2 Definitions 4](#_Toc424818927)

[3 The Agreement 6](#_Toc424818928)

[4 Definitions and Rules of Interpretation 7](#_Toc424818929)

[5 Effective Date and Duration 8](#_Toc424818930)

[5.1 Effective Date 8](#_Toc424818931)

[5.2 Duration of Agreement 9](#_Toc424818932)

[5.3 Renewal of Agreement 9](#_Toc424818933)

[6 Payment Terms 8](#_Toc424818934)

[6.1 Upfront Charges Towards Capital Cost 8](#_Toc424818935)

[6.2 Annual O&M Charge 8](#_Toc424818936)

[6.3 Charges for Water Supply 8](#_Toc424818937)

[6.4 Performance Bank Guarantee](#_Toc424818938) 9

[6.4.1 Submission of Performance Bank Guarantee](#_Toc424818939) 9

[6.4.2 Appropriation of Bank Guarantee](#_Toc424818940) 9

[6.5 Transmission Charges and Scheduling Charges 9](#_Toc424818941)

[6.6 Taxes and Duties 10](#_Toc424818942)

[6.7 Penalty for Delayed Payment 10](#_Toc424818943)

[6.8 Letter of Credit (LC) and Payment Security Mechanism 11](#_Toc424818944)

[6.9 Right to Re-enter 11](#_Toc424818950)

[7 Obligations of **APSPCL** 11](#_Toc424818953)

[7.1 Approvals 11](#_Toc424818954)

[7.2 Declaration by **APSPCL** 11](#_Toc424818955)

[7.3 Infrastructure support by **APSPCL** 12](#_Toc424818956)

[7.3.1 Land for Solar Project 12](#_Toc424818957)

[7.3.2 Internal Evacuation System 12](#_Toc424818959)

[7.3.3 Cable tray support structures 12](#_Toc424818960)

[7.3.4 Main Road and Street Lighting 13](#_Toc424818961)

[7.3.5 Water Supply 13](#_Toc424818962)

[7.3.6 Drainage System 13](#_Toc424818963)

[7.3.7 Weather Station 13](#_Toc424818964)

[7.3.8 Fire Safety 13](#_Toc424818965)

[7.3.9 Power Supply During Construction 14](#_Toc424818966)

[8 Obligations of the Solar Power Developer 14](#_Toc424818967)

[8.1 Observance of Law 14](#_Toc424818968)

[8.1.1 Observance of Electricity Act and Solar Policies 14](#_Toc424818969)

[8.1.2 Observance of Health and Safety Laws 14](#_Toc424818970)

[8.1.3 Observance of Environmental Protection Laws 14](#_Toc424818971)

[8.1.4 Observance of Local Laws/Authorities 15](#_Toc424818972)

[8.2 Permissions and Clearances 15](#_Toc424818973)

[8.3 Use of Demised Premises for Other Purposes 15](#_Toc424818974)

[8.4 Mortgaging 16](#_Toc424818975)

[8.5 Documentation Fees **Error! Bookmark not defined.**](#_Toc424818976)

[8.6 Right of Access to **APSPCL**/other authorities 16](#_Toc424818977)

[8.7 Right of **APSPCL** to Audit 16](#_Toc424818978)

[8.8 Fencing 16](#_Toc424818979)

[8.9 Metering 17](#_Toc424818980)

[8.10 Insurance 17](#_Toc424818981)

[8.11 Local Area Development 18](#_Toc424818982)

[8.12 Employment 18](#_Toc424818983)

[8.13 Technical Requirements 18](#_Toc424818984)

[9 Liability and Indemnification 18](#_Toc424818985)

[9.1 Limitation of Liability 18](#_Toc424818986)

[9.2 Indemnification 19](#_Toc424818987)

[10 Force Majeure 19](#_Toc424818988)

[11 NOTICE 20](#_Toc424818989)

[12 Termination 20](#_Toc424818990)

[12.1 Right of Termination. 20](#_Toc424818991)

[12.2 Notice of Termination 20](#_Toc424818992)

[12.3 Effect of Termination 20](#_Toc424818993)

[13 Dispute Resolution 21](#_Toc424818994)

[13.1 Dispute Resolution through Amicable Settlement 21](#_Toc424818995)

[13.2 Dispute Resolution by Appropriate Commission 21](#_Toc424818996)

13.3 Dispute Resolution through sole Arbitrator……………………………………………………………………………21

13.4 Dispute Resolution by the Court of Law………………………………………………………………………………….21

[14 Governing Law 21](#_Toc424818997)

[15 Assignment 21](#_Toc424818998)

[16 Amendment 22](#_Toc424818999)**2**

Definitions

1. ***"Act"*** or ***"Electricity Act, 2003"*** shall mean the Electricity Act, 2003 and include any modifications, amendments and substitution from time to time;
2. “***Agreement***” shall mean the Implementation and Support Agreement made between “***APSPCL***” and the “**Solar Power Developer**”
3. ***“APSPCL”*** shall mean **Andhra Pradesh Solar Power Corporation Private Limited**, a company incorporated under the Companies Act, 2013 having its registered office at R.No.218, 2nd Floor, Vidyut Soudha, Khairatabad, Hyderabad - 500 082, Telangana, India and administrative office at 6-3-856/A/3, Sadat Manzil Compound, Opposite to Green Park Hotel, Neeraj Public School Lane, Ameerpet, Hyderabad – 500016, Telangana, India.

***“APSPCL” here in after referred to as the “SPPD” or “Solar Power Park Developer”.***

1. ***“Company”*** shall mean a body corporate incorporated in India under the Companies Act, 1956 or the Companies Act, 2013 as applicable, which expression shall unless be repugnant to the context or meaning hereof be deemed to mean & include its successors in business and assigns.
2. ***“Commercial Operation Date (COD”)*** shall mean the 30 days from the actual commissioning date of respective Unit(s) of the Power Project where upon the **SPD** starts injecting power from the Power Project to the delivery Point. COD is intended to match allocation and availability of thermal power for bundling.
3. ***“CTU” or “Central Transmission Utility”*** shall mean the Central Transmission Utility as defined in sub-section (10) of Section 2 of the Act i.e Power Grid Corporation of India Limited (PGCIL).
4. ***“Demised Premises”*** shall mean all that piece of leased land in Kurnool Ultra Mega Solar Park (1000 MW) at Ghani / Sakunala Village of Kurnool District of Andhra Pradesh and more particularly described in Schedule\_\_\_\_\_ written hereunder and delineated on the plan hereto annexed in Annexure “\_\_\_\_\_”, together with all rights, liberties, privileges, easement advantages and appurtenances, whatsoever thereto belonging or in any manner appurtenant thereto or usually held or occupied therewith or reputed to belong or be appurtenant thereto except and reserving unto **APSPCL** all mines and minerals in and under the premises.
5. **“Inter-connection point or Delivery point”** shall mean the point at 400kV Sub-Station of CTU or STU as the case may be. All costs and losses upto that point will be on account of the Solar Power Developers.
6. **“Metering point”** shall mean the point at 220 kV side of 400/220 kV grid Sub-Station of CTU or STU as the case may be. However, one more meter is to be installed at 33 kV side of 220/33 kV Pooling Sub-station where power from the **Solar Power Project** is injected for measuring export from each project. The Metering and connected equipment shall be provided by Solar Power Developers at their cost and they shall abide by the relevant CERC Regulations, Grid Code, and Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 as amended from time to time.
7. **“MNRE Guidelines”** shall mean the Guidelines issued by Ministry of New & Renewable Energy, Government of India from time to time for Development of Solar Parks under National Solar Mission and its amendments, if any.
8. ***“Party”*** *or* ***“Parties”*** shall refer to **APSPCL** and the **SPD** individually or collectively.
9. ***“Pooling Substation”*** shall mean an intermediary Substation where more than one Solar PV Project may connect for further connectivity through a common transmission line to STU / CTU System for evacuation of power.
10. ***“Power Purchase Agreement”*** or ***“PPA”*** shall mean the Power Purchase Agreement between **NTPC** and **SPD**, including its recitals and schedules, amended or modified from time to time in accordance with the terms hereof.
11. ***“Project Commissioning” or “Commissioning”*** the Project will be considered as commissioned if all equipment as per rated project capacity has been installed and energy has flown into grid.
12. ***“Solar Park”*** shall mean concentrated zone of development of solar power generation projects and provides an area that is well characterized with proper infrastructure including power evacuation and access to amenities. Solar Park will also facilitate developers by reducing the number of required approvals;
13. *“****Solar PV Project****” or “****PROJECT****”* shall mean the Solar Photo Voltaic power project that utilizes sunlight for direct conversion into electricity through Photo Voltaic technology;
14. ***“SPD” or “Solar Power Developer”*** shall mean Bidding Company or a Bidding Consortium that got selected through the bidding process conducted by **NTPC** through “Grid connected solar photo voltaic projects under under National Solar Mission Phase II Batch II Tranche I State Specific Bundling Scheme for Kurnool Ultra Mega Solar Park in Andhra Pradesh”. Any reference to the Solar Power Developer includes Bidding Company / Bidding Consortium/Consortium, Member of a Bidding Consortium including its successors, executors and permitted assigns and Lead Member of the Bidding Consortium jointly and severally, as the context may require.
15. ***“SPPD” or “Solar Power Park Developer”*** shall refer to ***“APSPCL”*** designated as the **Solar Power Park Developer** for **Ananthapuramu Ultra Mega Solar Park (1500 MW)** and **Kurnool Ultra Mega Solar Park (1000 MW)** in the State of Andhra Pradesh.
16. ***“State Solar Power Policy”*** shall mean the Andhra Pradesh Solar Power Policy 2015 and its amendments from time to time.
17. ***“STU”or“State Transmission Utility”***or shall mean the Board or the Government Company notified by the respective State Government under Sub-Section I of Section 39 of the Act i.e. Transmission Corporation of Andhra Pradesh Limited (APTRANSCO).

The Agreement

This Implementation and Support Agreement is made at \_\_\_\_\_ on \_\_\_\_\_day of the month \_\_\_\_\_ of the year Two Thousand \_\_\_\_\_.

**BETWEEN**

**M/s Andhra Pradesh Solar Power Corporation Private Limited**, a company incorporated under the Companies Act, 2013 having its registered office at R.No.218, 2nd Floor, Vidyut Soudha, Khairatabad, Hyderabad - 500 082, Telangana, India and administrative office at 6-3-856/A/3, Sadat Manzil Compound, Opposite to Green Park Hotel, Neeraj Public School Lane, Ameerpet, Hyderabad – 500016, Telangana, India, (herein after referred to as ‘**APSPCL**’ or “**SPPD**”), which expression shall unless repugnant to the context or meaning thereof, includes its successors-in-office, administrators and permitted assignees of the First Part

**AND**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, a company registered under the provisions of the Companies Act, 1956 or 2013 and having its registered office at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ hereinafter referred as the “**SPD**” or ”**Solar Power Developer**” (which expression shall unless be repugnant to the context or meaning hereof be deemed to mean & include its successors in business and assigns) of the Other Part

**RECITALS**

1. Whereas, Andhra Pradesh Solar Power Corporation Private Limited **(APSPCL)** was incorporated in the year 2014 under the Companies Act, 2013 as a Joint Venture Company between SECI (Solar Energy Corporation of India), APGENCO (Andhra Pradesh Power Generation Corporation Limited) and NREDCAP (New & Renewable Energy Development Corporation of Andhra Pradesh Limited) with an objective to plan, develop and operate solar parks in the State of Andhra Pradesh under MNRE Scheme for Development of Solar Parks and Ultra Mega Solar Power Projects in the country, notified on 12th December 2014.
2. Whereas, **APSPCL** has been designated as **Solar Power Park Developer (SPPD)** for facilitation and implementation of the Kurnool Ultra Mega Solar Park (1000 MW) to be developed at Ghani & Sakunala Village of Kurnool District of Andhra Pradesh under National Solar Mission Phase II Batch II Tranche I State Specific Bundling Scheme, by MNRE vide its guidelines for Development of Solar Parks issued in June 2015 and its amendments thereon. As part of its functions, **APSPCL** facilitates setting up of power projects by public/private developers in the State of Andhra Pradesh.
3. Whereas, **APSPCL**, as part of Solar Park development, will identify and acquire land required and will develop various infrastructure like internal transmission system, water supply, road connectivity, drainage system etc as described in Article 7.
4. Whereas, for the purpose of setting up Kurnool Ultra Mega Solar Park, **APSPCL** has been allotted all pieces and parcels of land bearing Survey Nos. 724/A1, 726/A, 470/A2, 478/A2 etc. of Ghani Village of Gadivemula Mandal and Survey Nos. 29, 38-A1, 38-A2, 38-B1 etc. of Sakunala Village of Orvakal Mandal of Kurnool District. **APSPCL** as such has absolutely seized, possessed and is sufficiently entitled to the Land;
5. Whereas, **APSPCL** has allotted the land to the **SPD**s who are selected through the bidding process conducted by NTPC through **“Grid Connected Solar Photo Voltaic Projects under Batch-II Tranche-I of National Solar Mission Phase-II State Specific Bundling Scheme for Kurnool Ultra Mega Solar Park (1000 MW) in Andhra Pradesh**”. The land allotted to the **SPD** is described in Schedule written hereunder (hereinafter referred to as the **“Land”**).
6. Whereas, **APSPCL**, after considering the expenditure for Development of Infrastructure, will collect one time Solar Power Park Development Expenses towards capital cost for Land development and for providing Common Infrastructure such as Internal Transmission Lines, Roads, Water Supply, Drainage System and other Infrastructure facilities in the Solar Park. In addition to the One time Solar Power Park Development Expenses from Solar Power Developers (**SPD**s), all applicable taxes, duties, cess and other Government levies will be collected separately from Solar Power Developers.

In addition to the One time Solar Power Park Development Expenses, the **APSPCL** will separately charge Annual O&M charges for Operation and Maintenance of the facilities as described in Article – 7 in the Solar Power Park as per the terms of this agreement. In addition to the Annual O&M Charges, all applicable taxes, duties, cess and other Government levies will be collected separately from Solar Power Developers.

**NOW, THEREFORE**, in consideration of the mutual benefits and covenants contained herein, the Parties hereby agree as follows:

Definitions and Rules of Interpretation

The definitions set out in Section 2 “Definitions” shall apply to this Implementation and Support Agreement except where the context otherwise requires.

Effective Date and Duration

Effective Date

This Implementation and Support Agreement shall come into effect from the date of its execution by both the Parties.

Duration of Agreement

The Agreement is valid for 25 years from the COD subject to the terms and conditions contained here in this Agreement.

Renewal of Agreement

The Agreement may be extended for a further period on mutually agreed terms and conditions at least 180 days prior to the expiry date.

Payment Terms

One time Solar Power Park Development Expenses:

One time Solar Power Park Development Expenses, towards capital cost for Land development and for providing Common Infrastructure such as Internal Transmission Lines, Roads, Water Supply, Drainage System etc as described in Article 7.0, of Rs. \_\_\_\_\_\_\_\_\_\_\_\_\_/- (Rupees \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ only) calculated at the rate of **Rs. 42.0 Lakhs (Rupees Forty Two Lakhs only) per MW** shall be paid by the **SPD** to **SPPD** on or before entering into this agreement. Service tax and all other taxes, duties, cess and other Government levies applicable on such transaction shall be reimbursed to the **SPPD** by the **SPD** within 7 days from the date of issue of bill by **SPPD**.

.

Annual O&M Charges

Annual O&M charges of Rs. --------- (Rupees --------------- Only) calculated at the rate of **Rs. 2.5 Lakhs (Rupees Two Lakhs and Fifty thousand only) per MW** per annum in the first year which is escalated annually at the rate of 6% shall be payable by **SPD** on or before 30th April at the beginning of each financial year during the agreement period. First year annual O&M charges shall be payable by **SPD** on prorata basis within 30 days from the COD. Service tax and all other taxes, duties, cess and other Government levies applicable on such transaction shall be reimbursed to the **SPPD** by the **SPD** within 7 days from the date of issue of bill by **SPPD**.

Charges for Water Supply

Water consumed by **SPD** shall be metered and charged at the rate of Rs. 10 per Kilo Litre, which is fixed for the agreement period. Charges for water supply shall be paid by **SPD** every month within 15 days from the date of issue bill by **SPPD**.

Performance Bank Guarantee

Submission of Performance Bank Guarantee

The **SPD** shall submit a Performance Bank Guarantee of Rs. 3 Lakhs per MW (as per Schedule A) to **APSPCL** at the time of signing of Implementation and Support Agreement which should be valid for a period of 19 months from the date of signing of PPA. In case any extension is given to the Project, the corresponding extension needs to be made in the validity of PBGs.

Appropriation of Bank Guarantee

The Solar Power Project shall be commissioned within 13 months from the date of signing of PPA. In case of failure to achieve this milestone, **APSPCL** shall encash the Performance Bank Guarantee on per day basis and proportionate to the Capacity not commissioned, with 100% encashment for 5 months delay.

In case of further delay and the project is not commissioned within 25 months from the date of signing of PPA, **APSPCL** shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to terminate this Agreement and also the Land Lease Agreement.

Return of Performance Bank Guarantee

**APSPCL** shall return/release the Performance Bank Guarantee three (3) months after the Commercial Operation Date without prejudice to other rights of **APSPCL** under this Agreement.

Transmission Charges and Scheduling Charges

1. “Inter-connection point or Delivery point” shall mean the point at 220 kV side of 400/220 kV Sub-Station of CTU or STU as the case may be. All costs and losses upto that point will be to the account of the Solar Power Developers.
2. As per the notification nos. L-1/(3)/2009-CERC and L-1/41/2010-CERC dated 15th May, 2015 of Central Electricity Regulatory Commission (CERC), Solar Power Park Developer (**SPPD**) has been included as an Applicant for Connectivity and Long Term Access in Inter-State Transmission System (ISTS). The **SPD** is responsible for Scheduling and Deviation Settlement Mechanism (DSM) charges as per CERC Regulations and all liabilities related to LTA and Connectivity.
3. As soon as first project in the Solar Power Park gets commissioned, transmission charges will start getting paid from corpus of fund created by the **SPPD**, out of the collection from the Solar Power Developers, for the entire capacity of line. If the line gets ready as per schedule and no project is commissioned, **SPPD** will have to pay charges as per applicable rules out of the Corpus Fund. However if the said Corpus Fund is not created, the same shall be reimbursed by **SPD** to **SPPD**.
4. Forecasting and scheduling shall be done by **SPD** as per CERC Regulations and Indian Electricity Grid Code. The **SPPD** may take up the function of forecasting and Scheduling if the Solar Power Developers so desire on chargeable basis.
5. **APSPCL** will forward all the bills received from concerned authorities towards above charges mentioned from 6.5 (a) to 6.5 (d) to the **SPD** from time to time and the **SPD** shall pay such bills within 7 days from the date of issue of bill by **SPPD**.

Taxes and Duties

1. **APSPCL** shall not be liable for payment of any taxes, duties, levies, cess whatsoever for discharging of any obligation by **APSPCL** as per article 7.0.
2. The **SPD** shall bear and promptly pay all statutory taxes, duties, levies and cess, assessed/ levied on the **SPD**, Contractors or their employees that are required to be paid by the **SPD** as per the Law in relation to the execution of this Agreement.
3. **APSPCL** shall be indemnified and held harmless by the **SPD** against any claims that may be made against **APSPCL** in relation to the matters set out in Clause 6.6.b.

Penalty for Delayed Payment

If payment of annual O&M charges or any other supplementary bill issued in respect of water supply or tax etc is delayed beyond their due date, **SPD** shall pay interest at the rate of 18% per annum for the delayed period. If the payment is delayed beyond 30 days from the due date of payment, **APSPCL** shall present the LC, established by **SPD** as per the Clause 6.8, in the Bank to draw the amount.

Letter of Credit (LC) and Payment Security Mechanism

### **SPD** shall establish an irrevocable unconditional revolving Letter of Credit (LC) in favour of **APSPCL** with a public sector / scheduled commercial bank (as per the list to be provided by **APSPCL**) within 30 days from the date of signing of this agreement. The LC shall cover annual O&M charges payable to **APSPCL** for the next financial year. Failure of **SPD** to open the LC as stated above invalidates this agreement.

### The LC shall be established for a minimum period of one year. **SPD** shall ensure that LC remains valid at all times during the entire/extended validity period of this Agreement. LC shall be renewed not later than 30 days prior to expiry of existing LC.

### LC shall specify the manner and dates when bill(s) can be presented to Bank by **APSPCL**. The bills so presented by **APSPCL** to the Bank shall be promptly paid on their presentation.

### All costs relating to opening and maintenance and negotiation of LC shall be borne by the **SPD**.

### In case of drawal of the LC amount by **APSPCL** in accordance with the terms of this Article, the amount of LC shall be reinstated automatically not later than 7 days from such drawal. **SPD** shall arrange to furnish to **APSPCL** a certificate to this effect from Bank(s) providing LC. In the event LC is not reinstated within 7 days, **APSPCL** shall have right to regulate the common facilities offered to the **SPD** by giving one month advance notice in writing, not-withstanding anything contained in the Land Lease Agreement.

Right to Re-enter

### If there be any breach of any of the terms and conditions and covenants herein contained on the part of the **SPD**, **APSPCL** shall have the right to re-enter in to the possession of the Demised Premises or any part thereof and there upon the term hereby granted and right to renewal thereof shall absolutely cease and determine, and in that case no compensation shall be payable to the **SPD** on account of the buildings and improvements built or carried out on the Demised Premises by **SPD**.

### Provided that **APSPCL** shall not exercise such right without serving the **SPD** a notice in writing giving three months time to remedy the breach.

Obligations of APSPCL

Approvals

**APSPCL** shall obtain all necessary statutory and non-statutory clearances required for developing the Solar Park.

Declaration by APSPCL

* 1. **APSPCL** declares that there is no mortgage, charge and/or claim over the Demised Premises and the Demised Premises is free from all encumbrances.
  2. **APSPCL**, in its best knowledge, declares that it has got full rights and absolute authority to lease the Demised Premises unto the **SPD** for the lease duration and to execute this Agreement in favour of the **SPD.**
  3. **APSPCL** has not been restrained either under income Tax Act or any other statute for the time being in force from dealing with or disposing of the Demised Premises or any part thereof in any manner.

Infrastructure support by APSPCL

**APSPCL** would provide the following infrastructure but the **SPD** must be aware that at present, the infrastructure work is in progress and accordingly infrastructure facilities shall be made available to the **SPD** by **APSPCL** so as to match the Commissioning schedule of the **SPD**.

Land for Solar Project

APSPCL will provide land required for installation of solar power project (at the rate of 5 (five) acres per MW) on lease basis as per the Land Lease Agreement.

Internal Evacuation System

1. **APSPCL** will provide all necessary evacuation facilities such as 220/33 kV Pooling Sub-station and its associated transmission lines for interconnection of the Project and evacuation of power from the Project upto interconnection point or delivery point. The **SPD** shall have to connect to 33 kV bus of 220/33 kV Pooling Sub-station by 33 kV cables at its own cost.
2. 1000 MW Solar Park is divided in to 4 blocks of 250 MW for the purpose of Power evacuation.
3. For each 250 MW Solar Power block, one pooling substation of 220/33 kV is proposed in which 4 X 80 MVA step-up transformers will be installed. 250 MW block is further subdivided into 50 MW sub blocks. Thus, these 5 X 50 MW sub blocks shall be connected to pooling sub-station through redundant 33 kV cables (two sets).
4. The pooling sub-stations are connected through 220 kV Double Circuit tower line to the main 400/220 kV Sub Station through a dedicated corridor.

Cable tray support structures

**APSPCL** will provide vertical steel column cable tray support structures along with foundation at every 2 meters interval along the corridor. **SPD** shall provide cable trays with horizontal supports and fixtures for laying of 33 kV cables utilizing the vertical supports provided by **APSPCL** from the project to the 220/33 kV Pooling Substation at its own cost.

Main Road and Street Lighting

**APSPCL** will lay and maintain the main roads so as to provide access to all the plots along with street lighting in the Solar Park. Internal access roads with in the plot shall have to be laid by the **SPD** at its own cost.

Water Supply

1. **APSPCL** will arrange and provide the necessary water supply for operations and maintenance of the Solar Power Plant from the date of commissioning.
2. It is proposed to supply 16 KL/MW/Month so as to complete one cleaning cycle every fortnight. However the supply of water is not restricted.
3. **SPD** shall be charged for water supplied by SPPD as per clause 6.3 of the agreement.
4. **APSPCL** will provide water at a single source through a meter for each plot. **SPD** shall collect the water supplied by **APSPCL** in a ground level water tank and water from this tank shall be used by **SPD** by making its own arrangements as required.
5. However, **APSPCL** shall not provide water supply during the construction phase. The **SPD** is advised to make its own arrangements for obtaining water during construction. **SPD** has to obtain necessary approvals/permissions from local authorities to dig bore wells or to get water from nearest reservoir by tankers and **APSPCL** will extend necessary support in obtaining such approvals/permissions, if required.

Drainage System

**APSPCL** will lay and maintain the main drains along the main road to which Solar power developers may connect their internal plant drains.

Major streams are suggested to be channelized by developers as tentatively indicated in the plot plan & obtain necessary approvals from **APSPCL** for maintaining continuity in existing streams at the boundary of individual plots.

Weather Station

**APSPCL** will establish and maintain the weather station to monitor the solar irradiation and other necessary weather data.

Fire Safety

**APSPCL** will establish common Fire Station for the entire Solar Park with a fire tender to assist the **SPD**s in case of fire. However, the **SPD** shall establish and maintain its own firefighting and safety equipment to avoid/minimize the loss/damage of property/equipment in case of fire. **APSPCL** shall not be held responsible for any loss/damage of property/equipment of **SPD** due to fire accidents.

Power Supply During Construction

In respect of power supply required during construction period, **SPD** has to apply to local power distribution authorities in the prescribed application form at its own cost and the **SPD** shall also be responsible for all including timely payments etc. However, **APSPCL** will extend necessary support in obtaining the power supply connection.

Obligations of the Solar Power Developer

Observance of Law

Observance of Electricity Act and Solar Policies

1. The **SPD** shall observe all laws (including the provisions of the Electricity Act, 2003), rules, regulations, policies (including the State Solar Power Policy), bye laws and/or guidelines as framed by the Central Government, State Government, local authority and/or authorized person or entity and as amended/modified from time to time in establishment, construction and operating the Solar Power Plant and in the generation, marketing, selling and/or supply of electricity or any other activity associated with the Solar Power Plant.
2. The **SPD** covenants that the Plant shall at all times meet the specifications/requirements of the State Solar Power Policy as presently in force and as may be amended from time to time or any other policy, etc., as may be framed by the State Government or an appropriate authority in supersession of the existing State Solar Power Policy.

Observance of Health and Safety Laws

The **SPD** shall observe and conform to all rules, regulations, and bye laws of the local authority and or any regulatory authority concerned on any other statutory regulations in any way relating to public health, effluent treatment and disposal, solid waste disposal, hazardous waste disposal and sanitation in force for the time being, and shall provide sufficient toilet facilities and other sanitary arrangement for the labourers and workmen employed during the construction of the Solar Power Plant and/or structures of the Demised Premises in order to keep the Demised Premises and its surroundings clean.

Observance of Environmental Protection Laws

1. The **SPD** shall be solely responsible for compliance and non-compliance of all State and Central Government laws, rule and regulations related to soil earth, water, air and noise pollution with respect to erection, operation and maintenance of their plant & associated activities.
2. The **SPD** shall not interfere or cause damage to the properties of **APSPCL** whether located outside or inside the Demised Premises, including but not limited to water supply lines, drainage lines, water meters, street lights and such other properties. In case the **SPD** is found to have caused damage to the properties of **APSPCL**, in addition to entitling **APSPCL** to terminate the Agreement hereby granted, **APSPCL** shall be entitled to recover the damages with penalty as may be decided by **APSPCL** and such amount shall be recoverable as arrears of land revenue.

Observance of Local Laws/Authorities

1. The **SPD** shall not at any time do, cause or permit to be done anything on the Demised Premises which may cause a nuisance, annoyance or disturbance to the owners, occupiers or resident of other premises in vicinity or upon the Land except to the extent inherent in the construction of the Plant and for running the same.
2. The **SPD** shall pay from the date of execution of this Indenture, all existing and future municipal taxes, cesses, assessments, charges, duties and outgoings of every description that may from time to time be levied by a local authority on the Demised Premises.

Permissions and Clearances

The **SPD** shall obtain and renew, if necessary, at its own costs, all necessary permissions, approvals, licenses and permits for the Solar Power Project and shall pay all license and other fees and cess and taxes in respect of the Demised Premises by reason of their being used the same for the purpose aforesaid and to observe and perform all local, police, municipal laws and/or policies and rules and regulations in connection with such use. **APSPCL** will sign all such documents and make all such applications as may be reasonably required of **APSPCL** at the cost of the **SPD** for enabling the **SPD** to obtain all necessary permissions, licenses and/or approvals for constructing, repairing, running and/or maintaining the Plant.

Use of Demised Premises for Other Purposes

1. The **SPD** shall use the Demised Premises and every part thereof only for the purpose of constructing, maintaining and running the Solar Power Project and matters connected therewith and shall not use the Demised Premises or any part thereof for any other purpose.
2. The **SPD** shall be the owner of the plant and buildings constructed by it on the Demised Premises and the equipment, machinery, furniture, fixtures and/or all moveable assets installed therein.
3. The **SPD** can construct the Solar Power Project including the buildings, structures required for the Solar Power Project as per their own plans in the demised premises. However the **SPD**s shall submit the plans/drawings to **APSPCL** for its scrutiny and approval to ensure that buildings & structures shall not create any obstruction to the neighboring plots.
4. The **SPD** shall not build, construct, demolish or erect or make any alterations and/or additions to the Plant and/or any building or any structure on the Demised Premises or any variation or user of any portion thereof unless and until specifications, plans, elevations, sections and details thereof are submitted by the **SPD** to **APSPCL** for its scrutiny and approval to ensure that the above alterations/additions to buildings/structures will not create problems to Solar power Projects in the neighboring plots.
5. The **SPD** shall not make any excavation upon any part of the Demised Premises or remove any stone, sand gravel, clay, earth or material there from except the construction of the Solar Power Plant.

Mortgaging

1. The **SPD** shall not transfer, assign, let, underlets, sublet, license, mortgage, charge, encumber or part with the possession of the Demised Premises or any part thereof or any interest therein without prior permission of **APSPCL**.
2. For the purpose of constructing the Plant on the Demised Premises, if the **SPD** intends to obtain loan from a bank or other financial institutions by mortgaging their lease hold interest in the Demised Premises in favor of such bank or institution, prior permission of **APSPCL** shall be obtained. However such mortgage shall not affect the rights and powers of **APSPCL** under this Agreement.

Right of Access to APSPCL/other authorities

**APSPCL** and/or the authorized persons of **APSPCL** shall have the right to access into Demised Premises, with prior intimation to the **SPD,** for the purpose of discharging its obligations including inspection to ensure compliance of terms and conditions of this agreement by **SPD**.

Right of APSPCL to Audit

The **SPD** shall permit conducting of an audit if deemed required to confirm whether the **SPD** has been in due compliance of all the provisions of the Electricity Act, 2003, Solar Power Policy framed by the Government of AP, the PPA, policies framed by **APSPCL**, or any other applicable rule / law / regulation. The **SPD** shall also ensure that answer to any query raised in this audit and/or any document/information required by the auditor is provided within reasonable time.

Fencing

The **SPD** shall Fence the demarcated boundary of the Demised Premises at the **SPD**’s own expense in every respect.

Metering

Metering shall be at 33kV side of 220/33kV substation where the power from the solar power project is injected and at the 220 kV Side of 400/220kV substation of STU i.e., APTRANSCO.

A set of Main and Check Meters and also Stand by Meter of 0.2S accuracy class, as per CEA (Installation & operation of meters) Regulations 2006/IEGC as applicable, shall be Procured and installed by **SPD** on each incoming feeder at 33KV side of 33/220kV Pooling Station based on specifications & make provided by **APSPCL**.

Another set of Main and Check Meters and also Stand by Meter of 0.2S accuracy class, as per CEA (Installation & operation of meters) Regulations 2006/IEGC as applicable, shall be Procured and installed by **SPD** on each incoming feeder at 220KV side of 400/220kV Grid Sub Station (Interconnection point) of STU i.e., APTRANSCO based on specifications & make provided by **APSPCL**/AP DISCOMS.

The Main and Check Meters shall be checked jointly at the time of installation as per the CEA (Installation & Operation of Meters) Regulations 2006 as amended from time to time.

Both sets of meters are used for billing purposes and to measure the transmission line losses up to interconnection point.

The metering and connected equipment shall be provided by SPDs at their cost as per the relevant CERC/APERC regulations.

For installation of Meters, Meter testing, Meter calibration and Meter reading and all matters incidental thereto, the **SPD** shall follow and be bound by the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006, and the Grid Code, as amended and revised from time to time. The **SPD** shall bear all costs pertaining to installation, testing, calibration, maintenance, renewal and repair of meters both at 220 kV Pooling Sub-Station and 400 kV grid Sub-Station and shall follow relevant metering requirements as intimated by **APSPCL**.

Insurance

During the term of the Agreement, the **SPD** shall ensure that the Solar Power Plant including all the buildings, structures erected on the Demised Premises are insured at its own cost against any loss or damage.

Local Area Development

As per the MNRE guidelines, 1% of the total investment made for setting up solar power project in the solar park is to be kept aside by the **SPD** for the local area development, under solar park development fund account.

Local area development would comprise of

* + 1. Development of Village Panchayat and
    2. Development of areas other than Village Panchayat.

A Committee, headed by the District Collector, will be constituted with the CEO/MD of SPIA/**SPPD** as Member Secretary.

In this case the MD of **APSPCL** as Member Secretary of this committee will be responsible for handling funds, maintain records of all accounts, and develop transparent policies for carrying and developmental activities in the stated Panchayat areas.

Employment

The **SPD** shall offer suitable employment in the solar power project by giving first priority to family members who have lost their land during acquisition of the land for the Solar Park depending upon their qualifications and experience and next preference shall be given to local unemployed youth in those village panchayats and then to other village panchayats which comes under local area.

Necessary skill development facilities may be offered for development of technical and professional skills for employment in the solar project.

Technical Requirements

The **SPD** shall follow the technical requirements for Grid Solar PV Power Plants as mentioned in Annexure-III of MNRE Guidelines.

Liability and Indemnification

Limitation of Liability

1. Neither party shall have any liability to the other Party for any Loss suffered by that Party with respect to the subject matter of this Implementation and Support Agreement except pursuant to, or for breach of, this Implementation& Support Agreement; and
2. Neither party shall be liable to the other in contract, tort, warranty, strict liability or any other legal theory for any indirect, consequential, incidental, punitive or exemplary damages.

Indemnification

1. **APSPCL** shall indemnify and keep indemnified and sufficiently safe and harmless the **SPD** against any charges and encumbrances whatever made, executed, occasioned or suffered by the Lessee or by any other person or persons having or lawfully claiming by from under or in trust for them, legal proceedings or damages caused on account of breach of any law, rules and regulations of the Government or any local authority as applicable to the Demised Premises or of these present.
2. The Solar Power Developer shall indemnify and keep indemnified and sufficiently safe and harmless **APSPCL** against all legal proceedings, losses, penalties, fines, claims, degrees, award, damages costs, charges and/or expenses that **APSPCL** may have to suffer and/or incur on account of breach by the **SPD** of any law, rules, regulations, byelaws, policies, guidelines of the Government or any local authority, or of these present and/or due to any situation and/or accident arising at or related to the Plant constructed by the **SPD** on the Demised Premises and/or due to any breach of any covenant condition and/or stipulation herein made and to be observed by the **SPD**.

Force Majeure

1. “Force Majeure" shall mean an event beyond the control of the **SPD** and not involving the **SPD**'s fault or negligence and not foreseeable, either in its sovereign or contractual capacity. Such events may include but are not restricted to Acts of God, wars or revolutions, fires, floods, epidemics, quarantine restrictions and fright embargoes etc. Whether a “Force Majeure” situation exists or not, shall be decided by the **APSPCL** and such decision shall be final and binding on the **SPD**.
2. If a force majeure situation arises, the **SPD** shall notify **APSPCL** in writing promptly at the most within 10 days from the date such situation arises. After examining the cases **APSPCL** shall decide and grant suitable extension of time for fulfilling its payment and other obligations.
3. For other justified cases also, not covered under force majeure conditions, **APSPCL**, may consider the request of **SPD** and grant additional time for fulfilling its payment and other obligations.

Notice

All notices, consents and approvals to be given under this Agreement shall be in writing and signed by authorised signatories of the parties, unless otherwise notified. Each such notice shall be deemed to have been duly given if delivered or served by registered mail/facsimile/speed post of Department of Posts with an acknowledgement due to the other parties to the last known place of business.

Termination

Right of Termination

1. This Agreement and the transactions contemplated herein may be terminated and abandoned at any time prior to the Closing Date,
   1. upon the mutual consent of the Boards of Directors of **APSPCL** and **SPD**;
   2. by **APSPCL** if the conditions to **SPD**’s obligations specified in Clause 8 hereof shall not have been met or waived by the Closing Date, or such later date as shall have been approved by **APSPCL**.
   3. by **APSPCL** if the existing PPA is terminated for reasons attributable to SPD.
   4. by **SPD** if the conditions to **APSPCL**’s obligations specified in Clause 7 hereof shall not have been met or waived by the Closing Date, or such later date as shall have been approved by **APSPCL** and Solar Power Developer.

Notice of Termination

The power of termination provided for by Clause12.1 hereof may be exercised only by a notice given in writing and signed on behalf of **APSPCL** by either the Managing Director, or any other officer authorized by him, and on behalf of **SPD** by the Managing Director, President or any other officer authorized by him or board of the Company.

Effect of Termination

In the event of the termination and abandonment hereof, pursuant to the provisions of Section 12.1 hereof, this Agreement shall become ceased to have effect, without any liability on the part of any of the parties or their directors, officers, or shareholders in respect of this Agreement, except for liability of a party for expenses pursuant to the terms and conditions of this Agreement.

In the event of termination of the **Implementation & Support Agreement,** **SPD**s shall, within sixty (60) business days following the termination date, remove all property and fixtures belonging to **SPD**s from the Site. If the **SPD**s fails to remove the fixtures or buildings etc even after the notice by **SPPD** to do so, such buildings, structures etc shall vest with the **SPPD** and liable to be removed at the risk & cost of **SPD**.

Dispute Resolution

Dispute Resolution through Amicable Settlement

i. Either party is entitled to raise any claim, dispute or difference of whatever nature arising under, out of or in connection with this agreement (“Dispute”) by giving a written notice (Dispute notice) to the other party , which shall contain:

1. a description of the Dispute
2. the grounds for such dispute; and
3. all written material in support of its claim.

ii. The other party shall, within thirty (30) days of issue of Dispute notice under

article (i), furnish:

1. counter –claim and defence , if any regarding the Dispute; and
2. all written material in support of its defences and counter-claim.

iii. Within thirty (30) days of issue of Dispute notice by any party pursuant to Article 13.1(i) if other party does not furnish an counter claim or defence under article 13.1(ii) or thirty (30) days from the date of furnishing counter claims or defence by the other party, both the parties to the dispute shall meet to such dispute amicably. If the parties fail to resolve the Dispute amicably within (30) days from the later dates mentioned in 13.2.1(iii), the dispute shall be referred for dispute resolution in accordance with Article 13.2

**13.2 Dispute resolution by the Appropriate Commission**

In the event that the parties are unable to resolve any dispute, controversy or claim relating to or arising under this Agreement, as stated above, the same shall be referred to the appropriate commission for adjudication.

**13.3 Dispute resolution through Sole Arbitrator**

If any dispute, controversy or claim relating to or arising under this Agreement, and not covered in Article 13.2, such Dispute shall be referred to the sole Arbitrator i.e., Secretary to Government of AP, Energy Department, Andhra Pradesh and the award passed shall be binding on both the parties. The place of Arbitration shall be the capital city of Andhra Pradesh at the time of dispute.

**13.4 Dispute resolution by the Court of Law**

Any legal proceedings in respect of any matters, claims or disputes under this agreement shall be under the jurisdiction of appropriate courts situated in the state of Andhra Pradesh.

Governing Law

This Agreement shall be governed by and construed in accordance with the Laws of India.

Assignment

This agreement shall be binding upon, and inure to the benefit of the Parties and their respective successors and permitted assigns. This Agreement shall not be assigned by any party other than by mutual consent between the Parties to be evidenced in writing.

Amendment

This agreement may be amended or supplemented by a written agreement based on mutual discussions and consent between the Parties.

**IN WITNESS WHEREOF the Parties hereto have executed this Implementation and Support Agreement as on the date written first herein above by the undersigned.**

SIGNED AND DELIVERED SIGNED AND DELIVERED

By the “**SPD**” By the “**APSPCL**”

Name: Name:

Authorized Signatory Authorized Signatory

Signed

In the presence of:

1.

2.

**Schedule A**

**Format for Bank Guarantee**

**(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)**

In consideration of the ----- *[Insert name of the Bidder]* (hereinafter referred to as ’Company’) owning and operating the project of the capacity of ……….. MW, at …………*[Insert name of the place]* of Andhra Pradesh Solar Park for supply of power there from on long term basis, in response to the <<insert name and details of bid document>> and selecting the Solar Power Project of the developer and issuing Letter of Intent No ------- Dated\_\_\_\_\_ to (Insert Name of selected Solar Power Developer) as per terms of <<bid document name>> and the same having been accepted by the selected **SPD** resulting in a Implementation and Support Agreement to be entered into, for lease of land and provision of evacuation and other infrastructure by Andhra Pradesh Solar Power Corporation (**APSPCL**)*.* As per the terms of the Implementation and Support Agreement, the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ *[insert name & address of Bank]* hereby agrees unequivocally, irrevocably and unconditionally to pay to **APSPCL** at *[Insert Name of the Place from the address of the* ***APSPCL****]* forthwith on demand in writing from **APSPCL** *or* any Officer authorized by it in this behalf, any amount upto and not exceeding Rupees------ [Total Value] only, on behalf of \_\_\_\_\_\_\_\_\_\_ *[Insert name of the selected Solar Power Developer / Project Company]*

This guarantee shall be valid and binding on this Bank up to and including \_\_\_\_\_\_\_\_\_ and shall not be terminable by notice or any change in the constitution of the Bank or the term of contract or by any other reasons whatsoever and our liability hereunder shall not be impaired or discharged by any extension of time or variations or alternations made, given, or agreed with or without our knowledge or consent, by or between parties to the respective agreement.

Our liability under this Guarantee is restricted to Rs. \_\_\_\_\_\_\_\_\_\_\_ (Rs. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ only). Our Guarantee shall remain in force until \_\_\_\_\_\_. **APSPCL** shall be entitled to invoke this Guarantee till \_\_\_\_\_\_\_.

The Guarantor Bank hereby agrees and acknowledges that the **APSPCL** shall have a right to invoke this BANK GUARANTE in part or in full, as it may deem fit.

The Guarantor Bank hereby expressly agrees that it shall not require any proof in addition to the written demand by **APSPCL**, made in any format, raised at the above mentioned address of the Guarantor Bank, in order to make the said payment to **APSPCL**.

The Guarantor Bank shall make payment hereunder on first demand without restriction or conditions and notwithstanding any objection by ------------- *[Insert name of the selected Solar Power Developer / Project Company as applicable]* and/or any other person. The Guarantor Bank shall not require **APSPCL** to justify the invocation of this BANK GUARANTEE, nor shall the Guarantor Bank have any recourse against **APSPCL** in respect of any payment made hereunder.

This BANK GUARANTEE shall be interpreted in accordance with the laws of India and the courts at the capital city of Andhra Pradesh shall have exclusive jurisdiction.

The Guarantor Bank represents that this BANK GUARANTEE has been established in such form and with such content that it is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

This BANK GUARANTEE shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the Guarantor Bank. This BANK GUARANTEE shall be a primary obligation of the Guarantor Bank and accordingly **APSPCL** shall not be obliged before enforcing this BANK GUARANTEE to take any action in any court or arbitral proceedings against the selected Solar Power Developer / Project Company , to make any claim against or any demand on the selected Solar Power Developer / Project Company or to give any notice to the selected Solar Power Developer / Project Company or to enforce any security held by **APSPCL** or to exercise, levy or enforce any distress, diligence or other process against the selected Solar Power Developer / Project Company.

Notwithstanding anything contained hereinabove, our liability under this Guarantee is restricted to Rs. \_\_\_\_\_\_\_\_\_\_\_ (Rs. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ only) and it shall remain in force until \_\_\_\_\_\_\_\_. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only if **APSPCL** serves upon us a written claim or demand.

Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Power of Attorney No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

For

\_\_\_\_\_[Insert Name of the Bank]\_\_

Banker's Stamp and Full Address.

Dated this \_\_\_\_ day of \_\_\_\_, 20\_\_

Witness:

1. …………………………………….

Signature

Name and Address

2. …………………………………..

Signature

Name and Address

*Notes:*

*1. The Stamp Paper should be in the name of the Executing Bank.*

*2. The Performance Bank Guarantee shall be executed by any of the Bank from the*