## PROCUREMENT PLAN (Textual Part)

Project information: India- Innovation in Solar Power and Hybrid Technology (P160379)

Project Implementation agency: Solar Energy Corporation of India (SECI)

Date of the Procurement Plan: 15th May 2018

Period covered by this Procurement Plan: ist 18 months

## **Preamble**

In accordance with paragraph 5.9 of the "World Bank Procurement Regulations for IPF Borrowers" (July 2016) ("Procurement Regulations") the Bank's Systematic Tracking and Exchanges in Procurement (STEP) system will be used to prepare, clear and update Procurement Plans and conduct all procurement transactions for the Project.

This textual part along with the Procurement Plan tables in STEP constitute the Procurement Plan for the Project. The following conditions apply to all procurement activities in the Procurement Plan. The other elements of the Procurement Plan as required under paragraph 4.4 of the Procurement Regulations are set forth in STEP.

**The Bank's Standard Procurement Documents**: shall be used for all contracts subject to international competitive procurement and those contracts as specified in the Procurement Plan tables in STEP.

**National Procurement Arrangements**: In accordance with paragraph 5.3 of the Procurement Regulations, when approaching the national market (as specified in the Procurement Plan tables in STEP), the country's own procurement procedures may be used.

When the Borrower uses its own national open competitive procurement arrangements as set forth in *NCP conditions*, such arrangements shall be subject to paragraph 5.4 of the Procurement Regulations and the following conditions.

List only the applicable conditions required to ensure consistency with paragraph 5.4 of the Procurement Regulations. If no conditions apply, delete the phrase "and the following conditions".

When other national procurement arrangements other than national open competitive procurement arrangements are applied by the Borrower, such arrangements shall be subject to paragraph 5.5 of the Procurement Regulations.

**Leased Assets** as specified under paragraph 5.10 of the Procurement Regulations: Leasing may be used for those contracts identified in the Procurement Plan tables. *Otherwise state "Not Applicable" Not Applicable* 

**Procurement of Second Hand Goods** as specified under paragraph 5.11 of the Procurement Regulations – is allowed for those contracts identified in the Procurement Plan tables *Otherwise* state "Not Applicable" Not Applicable

**Domestic preference** as specified under paragraph 5.51 of the Procurement Regulations (Goods and Works). Specify for each Not Applicable

Goods: [is not applicable/is applicable for those contracts identified in the Procurement Plan tables];

Works: [is not applicable/is applicable for those contracts identified in the Procurement Plan tables]

**Hands-on Expanded Implementation Support (HEIS)** as specified under paragraphs 3.10 and 3.11 of the Procurement Regulations is Applicable. [Include this sentence only if the Bank has formally agreed to provide the Borrower with HEIS. Otherwise delete] Not Applicable

Other Relevant Procurement Information.

**Proposed Procedures for CDD Components: NA** 

- **4.** Reference to (if any) Project Operational/Procurement Manual: Project will use a procurement manual, which will be agreed with World Bank
- 5. Any Other Special Procurement Arrangements: Retroactive financing is applicable
- 6. Summary of the Procurement Packages planned during the first 18 months after project effectiveness (including those that are subject to retroactive financing and advanced procurement)

[List the Packages which require Bank's prior review first and then the other packages]

| 1           | 2                                | 3  | 4        | 5  | 6   | 7            |
|-------------|----------------------------------|--|----------|--|---|--------------|
| Ref.<br>No. | Description                      | Estimate<br>d<br>Cost<br>US\$<br>million | Packages | Domes<br>tic<br>Prefer<br>ence<br>(yes/n<br>o) | Review<br>by Bank<br>(Prior <i>l</i><br>Post) | Comment<br>s |
|             | Summary of<br>the ICB<br>(Works) | 0  | 0        | NA   | NA  |              |

| Summary of<br>the ICB<br>(Goods)                          | 400 | 3 | No | Prior<br>review | Nil |
|---|-----|---|----|-----------------|-----|
| Summary of<br>the NCB<br>(Works)                          | 0   | 0 | NA | NA              |     |
| Summary of<br>the NCB<br>(Goods)                          |     |   |    |                 | Nil |
| Summary of<br>the ICB<br>(Non-<br>Consultant<br>Services) |     |   |    |                 | Nil |

## **III. Selection of Consultants**

Prior Review Threshold: As agreed in Procurement Plan 1.

|    | Selection Method            | Prior Review Threshold | Comments |
|----|-----------------------------|------------------------|----------|
| 1. | Competitive Methods (Firms) | Above US\$ 1,000,000   |          |
| 2. | Single Source (Firms)       | Do                     |          |
| 3. | Individual                  | Above US\$ 300,000     |          |

- Any Other Special Selection Arrangements: Retroactive financing applicable Consultancy Assignments with Selection Methods and Time Schedule 2.
- 3.

| 1        | 2  | 3                            | 4        | 5                             | 6        |
|----------|--|------------------------------|----------|-------------------------------|----------|
| Ref. No. | Description<br>of<br>Assignment                      | Estimate d Cost US\$ million | Packages | Review by Bank (Prior / Post) | Comments |
|          | Summary of<br>number of<br>contracts<br>that will be | 3                            | 1        | Prior<br>review               | Nil      |

| let under<br>QCBS   |     |   |                |     |
|---|-----|---|----------------|-----|
| Summary of number of contracts that will be let under other methods | 0.1 | 1 | Post<br>review | Nil |

PROCUREMENT
PLAN
India: Innovation in Solar Power and Hybrid Technologies
General Information
Country: India
Banks Approval Date of the
Resident Step Particle Coor

India Banks Approval Date of the Original Procurement Plan: 2018-05-16
Revised Plan Date(s): (comma delineated, leave blank if none) 2018-07-23
P160379 GPN Date: 2018-02-19
Innovation in Solar Power and Hybrid Technologies

Project ID: P160379 GPN
Project Name: Innovation in Solar Power and Hybrid Techn
Loan / Credit No:
Executing Agency(lee): Solar Energy Corporation of India Limited

| W | ORKS                                    |                   |           |             |        |                 |                        |                           |                            |                         |                   |                      |        |           |          |                           |        |             |           |         |        |           |           |                                  |                   |          |        |             |        |
|---|---|-------------------|-----------|-------------|--------|-----------------|------------------------|---------------------------|----------------------------|-------------------------|-------------------|----------------------|--------|-----------|----------|---------------------------|--------|-------------|-----------|---------|--------|-----------|-----------|----------------------------------|-------------------|----------|--------|-------------|--------|
|   | Activity Reference No. /<br>Description | Loan / Credit No. | Component | Review Type | Method | Market Approach | Procurement<br>Process | Prequalification<br>(Y/N) | Estimated<br>Amount (US\$) | Actual Amount<br>(US\$) | Process<br>Status | Draft Pre-q<br>Docur | nents  | Evaluatio | n Report | Draft Biddin<br>/ Justifi | cation | Notice / In | nvitation | Issu    | ed     | Opening a | / Minutes | Bid Evalua<br>and Recom<br>for A | mendation<br>ward | Signed C |        | Contract Co |        |
|   |   |                   |           |             |        |                 |                        |                           |                            |                         |                   | Planned              | Actual | Planned   | Actual   | Planned                   | Actual | Planned     | Actual    | Planned | Actual | Planned   | Actual    | Planned                          | Actual            | Planned  | Actual | Planned     | Actual |
|   |   |                   |           |             |        |                 |                        |                           |                            |                         |                   |                      |        |           |          |                           |        |             |           |         |        |           |           |                                  |                   |          |        |             |        |

| GOODS   |                   |  |             |                  |                      |                                |                           |                            |                         |                           |             |                        |                       |                          |            |                         |                         |        |         |                   |                       |                             |                                  |            |            |          |            |           |
|---|-------------------|--|-------------|------------------|----------------------|--------------------------------|---------------------------|----------------------------|-------------------------|---------------------------|-------------|------------------------|-----------------------|--------------------------|------------|-------------------------|-------------------------|--------|---------|-------------------|-----------------------|-----------------------------|----------------------------------|------------|------------|----------|------------|-----------|
| Activity Reference No. /<br>Description   | Loan / Credit No. | Component  | Review Type | Method           | Market Approach      | Procurement<br>Process         | Prequalification<br>(Y/N) | Estimated<br>Amount (US\$) | Actual Amount<br>(US\$) | Process<br>Status         | Draft Pre-c | qualification<br>ments | Prequal<br>Evaluation | alification<br>on Report |            | ng Document<br>fication | Specific Pr<br>Notice / |        |         | cuments as<br>ued | Proposal S<br>Opening | Submission /<br>J / Minutes | Bid Evalua<br>and Recon<br>for A | nmendation | Signed (   | Contract | Contract ( | Completio |
|   |                   |  |             |                  |                      |                                |                           |                            |                         |                           | Planned     | Actual                 | Planned               | Actual                   | Planned    | Actual                  | Planned                 | Actual | Planned | Actual            | Planned               | Actual                      | Planned                          | Actual     | Planned    | Actual   | Planned    | Actual    |
| IN-SECI -70569-GO-RFB /<br>Design, supply and installation of<br>160 MW solar-wind hybrid power<br>project with energy storage<br>solution including 10 years of<br>perations & maintenance in<br>Ramgin District of the state of<br>Andhra Pradesh under ICB | đ                 | Component A: Investments in<br>Innovative Technologies<br>(Estimated Cost: US\$398 million<br>of which IBRD Loan: US\$150<br>million; CTF Ioan: US\$52<br>million; and CTF Grant: US\$20<br>million) | Prior       | Request for Bids | Open - International | Single Stage - Two<br>Envelope |                           | 145,000,000.00             | 0.00                    | Pending<br>Implementation |             |                        |                       |                          | 2018-07-23 |                         | 2018-07-31              |        |         |                   | 2018-09-14            |                             |                                  |            | 2018-11-30 |          | 2028-11-30 |           |

| NON CONSULTING SE                       | ERVICES           |           |             |        |                 |                        |                           |                            |                         |                   |                     |        |            |          |         |          |                             |           |         |        |         |           |                    |        |          |        |             |           |
|---|-------------------|-----------|-------------|--------|-----------------|------------------------|---------------------------|----------------------------|-------------------------|-------------------|---------------------|--------|------------|----------|---------|----------|-----------------------------|-----------|---------|--------|---------|-----------|--------------------|--------|----------|--------|-------------|-----------|
| Activity Reference No. /<br>Description | Loan / Credit No. | Component | Review Type | Method | Market Approach | Procurement<br>Process | Prequalification<br>(Y/N) | Estimated<br>Amount (US\$) | Actual Amount<br>(US\$) | Process<br>Status | Draft Pre-q<br>Docu |        | Evaluation | n Report | / Justi | fication | Specific Pro<br>Notice / Ir | rvitation | Iss     | ued    | Opening | / Minutes | and Recon<br>for A | ward   | Signed 0 |        | Contract Co | ompletion |
|   |                   |           |             |        |                 |                        |                           |                            |                         |                   | Planned             | Actual | Planned    | Actual   | Planned | Actual   | Planned                     | Actual    | Planned | Actual | Planned | Actual    | Planned            | Actual | Planned  | Actual | Planned     | Actual    |
|   |                   |           |             |        |                 |                        |                           |                            |                         |                   |                     |        |            |          |         |          |                             |           |         |        |         |           |                    |        |          |        |             |           |

| ONSULTING FIRMS                         | 3                 |           |             |        |                 |               |                            |                         |                |            |          |                   |        |                                |        |                    |        |                             |        |                    |        |            |                         |         |        |             |        |
|---|-------------------|-----------|-------------|--------|-----------------|---------------|----------------------------|-------------------------|----------------|------------|----------|-------------------|--------|--------------------------------|--------|--------------------|--------|-----------------------------|--------|--------------------|--------|------------|-------------------------|---------|--------|-------------|--------|
| Activity Reference No. /<br>Description | Loan / Credit No. | Component | Review Type | Method | Market Approach | Contract Type | Estimated<br>Amount (US\$) | Actual Amount<br>(US\$) | Process Status | Terms of R | eference | Expression<br>Not |        | Short List ar<br>Request for F |        | Request for as lss |        | Opening of T<br>Proposals / |        | Evaluation of Prop | osal   | Negotiated | and Draft<br>d Contract | Signed  |        | Contract Co |        |
|   |                   |           |             |        |                 |               |                            |                         |                | Planned    | Actual   | Planned           | Actual | Planned                        | Actual | Planned            | Actual | Planned                     | Actual | Planned            | Actual | Planned    | Actual                  | Planned | Actual | Planned     | Actual |
|   |                   |           |             |        |                 |               |                            |                         |                |            |          |                   |        |                                |        |                    |        |                             |        |                    |        |            |                         |         |        |             |        |

| INDIVIDUAL CONSU   | TANTS             |  |             |                  |                 |               |                            |                         |                           |            |           |                              |        |         |                   |            |          |            |           |
|--|-------------------|--|-------------|------------------|-----------------|---------------|----------------------------|-------------------------|---------------------------|------------|-----------|------------------------------|--------|---------|-------------------|------------|----------|------------|-----------|
| Activity Reference No. /   | Loan / Credit No. | Component  | Review Type | Method           | Market Approach | Contract Type | Estimated<br>Amount (US\$) | Actual Amount<br>(US\$) | Process Status            | Terms of F | Reference | Invita<br>Identified<br>Cons |        |         | gotiated<br>tract | Signed (   | Contract | Contract C | completio |
|  |                   |  |             |                  |                 |               |                            |                         |                           | Planned    | Actual    | Planned                      | Actual | Planned | Actual            | Planned    | Actual   | Planned    | Actual    |
| IN-SECI -62536-CS-CDS /<br>Selection of Owner's Engineer<br>(OE) services during Bid<br>preparation and tendering stage<br>for SECI's 160 MW Solar-Wind<br>Hybrid Power Plant. |                   | Component B: Technical<br>Assistance and Institutional<br>Strengthening of SECI<br>(Estimated Cost: US\$2 million of<br>which CTF Grant : US\$2 million) |             | Direct Selection | Direct          |               | 76,900.00                  | 0.00                    | Pending<br>Implementation | 2018-05-15 |           | 2018-05-18                   |        |         |                   | 2018-05-31 |          | 2018-11-30 |           |