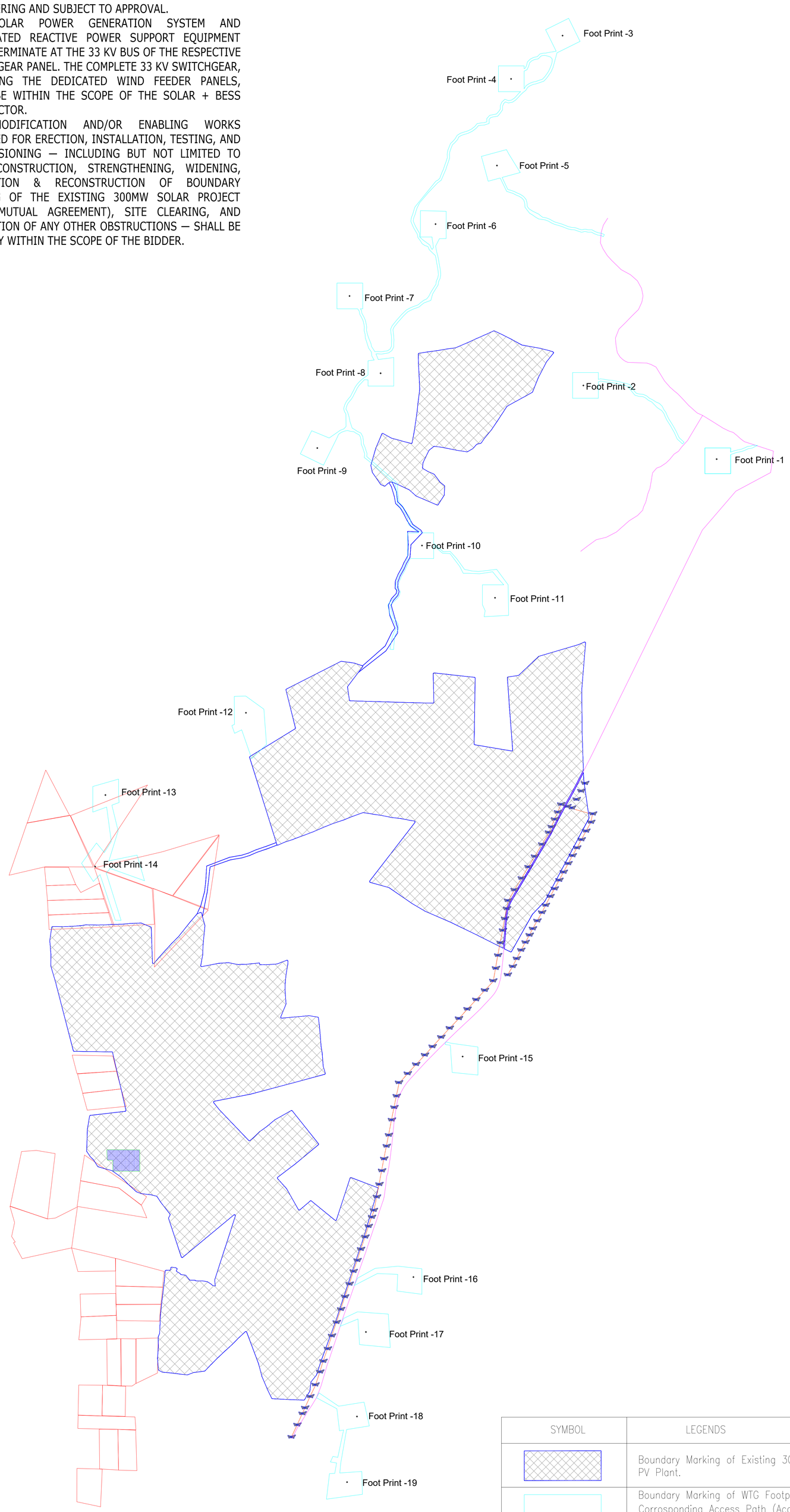
NOTE:

1. THE LAND FOR THE PROJECT HAS BEEN ACQUIRED BY SECI. THE BIDDER SHALL VERIFY ALL LOCATIONS PRIOR TO DETAILED ENGINEERING AND EXECUTION.
2. THE BIDDER MAY USE EITHER UNDERGROUND CABLES OR SUITABLY RATED OVERHEAD LINES (ON POLES) FOR CONNECTION OF THE LOCAL SWITCHGEAR TO THE 33 KV MAIN POOLING SWITCHGEAR.
3. IN CASE OVERHEAD LINES ARE ADOPTED, SUITABLE INTERFACING EQUIPMENT SUCH AS ISOLATORS, LIGHTNING ARRESTERS (LA), AND OTHER REQUIRED PROTECTION DEVICES SHALL BE PROVIDED AT APPROVED LOCATIONS. THE TYPE, RATING, AND LOCATION OF SUCH EQUIPMENT SHALL BE FINALIZED DURING DETAILED ENGINEERING AND SUBJECT TO APPROVAL.
4. THE SOLAR POWER GENERATION SYSTEM AND ASSOCIATED REACTIVE POWER SUPPORT EQUIPMENT SHALL TERMINATE AT THE 33 KV BUS OF THE RESPECTIVE SWITCHGEAR PANEL. THE COMPLETE 33 KV SWITCHGEAR, INCLUDING THE DEDICATED WIND FEEDER PANELS, SHALL BE WITHIN THE SCOPE OF THE SOLAR + BESS CONTRACTOR.
5. ANY MODIFICATION AND/OR ENABLING WORKS REQUIRED FOR ERECTION, INSTALLATION, TESTING, AND COMMISSIONING – INCLUDING BUT NOT LIMITED TO ROAD CONSTRUCTION, STRENGTHENING, WIDENING, DEMOLITION & RECONSTRUCTION OF BOUNDARY FENCING OF THE EXISTING 300MW SOLAR PROJECT (WITH MUTUAL AGREEMENT), SITE CLEARING, AND RELOCATION OF ANY OTHER OBSTRUCTIONS – SHALL BE ENTIRELY WITHIN THE SCOPE OF THE BIDDER.

SA-A (REVISED): TENTATIVE LAND LAYOUT (SOLAR + BESS)

DETAILS PROVIDED IN LAYOUT IS INDICATIVE ONLY. BIDDER TO REFER TECHNICAL SPECIFICATION FOR DETAILS.

SA-A (Revised): Tentative Land Layout (Solar + BESS) supersedes and replaces the earlier "SA-A: Tentative Land Layout (Solar + BESS)" provided at Page No. 362 of "Technical_Document_Package-1_Solar_BESS_NDMC_3", uploaded on 24.06.2026. Accordingly, the revised SA-A shall be referred to as the "SA-A (Revised): Tentative Land Layout (Solar + BESS)" wherever referenced in the Tender Document.



SYMBOL	LEGENDS
	Boundary Marking of Existing 300MW Solar PV Plant.
	Boundary Marking of WTG Footprints & Corrosponding Access Path (Acquired by SECI)
	Boundary Marking for the "Solar + BESS Package" Note: Please avoid the WTG footprint area (Foot Print_13 & Foot Print_14) + the probable shadow affected area due to WTG (Consider: HH: 140m RD: 140m)
	Tentative Location of the Existing Approach Road
	Location of the Existing 300MW Pooling Sub-Station Note: Location of the 220kV Bay + Power Transformer
	Location of the Existing Over Head Transmission Line

N

KEY PLAN

Project Particulars:	Wind
Total AC Capacity	- 45.60 MW + 5%
Total Foot-Prints	- 15 Nos.
Each ETG Cap. (Min.)	- 3 MW (MW)
Dedicated 33kV Feeders	- 2 Nos.
Project Particulars:	**Solar**
Total AC Cap.	- 70 MW
Total DC Cap.	- 91 MWp
Dedicated 33kV Feeders	- 4 Nos.
Project Particulars:	**BESS**
AC Cap. at 33kV Bus	- 25 MW
DC Cap. at 33kV Bus	- 50 MWh
Dedicated 33kV Feeders	- 3 Nos.

ALLOTED KHASRAS FOR PACKAGE 1

S.No	Sy. No.	Extent in acres
1	**292**-A1,A2,B&C	2.44,2.44,4.89,4.89
2	**295**-A1,A2,B&C	2.71,2.70,5.41,5.41
3	**338**-1	5.05
4	**339**-2&3	5.15,5.16
5	**340**-1,2&3	5,5.08,5
6	**347**-2,3,4A&4B	5,5,2.50&2.50
7	**348**-1,3&4	5.15,5.14,5.14
8	**349**-1A,B,C,2&3	2,2.53,2.53,5,5
9	**351**-1A,B,2A,2B	2.67,2.68,5.26,5.26
10	**365**-1,2&3A	4.92,5.08,5.13
11	**374**	14.02
12	**375**	8.45
13	**376**	19.11
14	**377**	11.43
15	**378**-1,2,3&4	3.2,4.72,5,5
16	**387**	6.58
17	**388**	19.34
18	**389**	15.44
Total		**252.11**

Foot Print Location for Package 2

Foot Print	Easting	Northing	Zone	Latitude	Longitude	Aprox. Area (Acre)
1	773039	1590085	43P	14.369459°	77.531725°	4.49
2	772340	1590471	43P	14.373014°	77.525288°	4.49
3	772231	1592305	43P	14.389591°	77.524464°	4.49
4	771961	1592078	43P	14.387568°	77.521939°	4.49
5	771887	1591624	43P	14.383474°	77.521207°	4.94
6	771565	1591317	43P	14.380733°	77.518192°	4.64
7	771114	1590940	43P	77.518192°	77.513975°	4.49
8	771277	1590535	43P	14.373697°	77.515444°	4.69
9	770945	1590143	43P	14.370189°	77.512328°	4.57
10	771494	1589632	43P	14.365519°	77.517364°	4.49
11	771877	1589358	43P	14.363007°	77.520885°	5.38
12	770571	1588755	43P	14.357688°	77.508723°	9.31
13	769834	1588324	43P	14.353867°	77.501851°	4.11
14	769780	1587949	43P	14.350485°	77.501313°	4.10
15	771707	1586953	43P	14.341299°	77.519067°	4.94
16	771449	1585797	43P	14.330882°	77.516560°	4.17
17	771200	1585509	43P	14.328305°	77.514224°	6.85
18	771153	1585066	43P	14.324308°	77.513744°	4.76
19	771101	1584722	43P	14.321206°	77.513227°	5.55

सेकी SECI SUN FOR EVER

PROJECT NAME	50 MW ISTS-Connected RE Hybrid Project at Ramagiri, Andhra Pradesh **Package-1: 70 MW Solar PV Power Plant coupled with 25MW/50MWh BESS**
DRAWING TITLE	SA-A (Revised): Tentative Land Layout (Solar + BESS)

☐ FOR REVISION ☐ FOR FABRICATION ☐ GOOD FOR CONSTRUCTION

-------	SHEET	SHEET SIZE	REV	SCALE
	1 OF 1	A3	-------	-------