JOULEWISE

TenderOS

The platform every IPP was waiting for

Months of bid work. Done in hours.

Bid workspace for renewable energy tenders in India · 17 Nov 2026

Where the months go

Each step is weeks of spreadsheet work that an amendment sends back to the start.

THE WORK	BY HAND	IN TENDEROS
Read the tender set and reconcile every amendment	**weeks**	1 to 4 minutes a tender, up to 10 for a set; then a reviewer confirms
List every condition with its page and clause	**days**	262 conditions on CfD-I, part of the reading
Size solar, wind and storage against every block floor	**weeks**	1 to 2 minutes an optimisation, a 25-year case on 4 cores
Build the financial model lenders will read	**weeks**	the model is the product; the Excel twin is one click
Prove compliance in 15-minute blocks	**weeks**	96 blocks a day for the whole term, about 90 seconds for year 1
Bid-day sensitivities and the route to a quote	**days**	what-if is instant; the levers and the track take seconds
Fill the tender's formats and letters	**days**	filled in hours from the bid, in the RfS's wording, Word and PDF*
Absorb a new amendment a week before the deadline	**weeks**	read the amendment, re-run, review: the same afternoon

By hand: indicative, for a team working from PDFs and spreadsheets. TenderOS: from the product's documentation and tests. * Legal documents depend on your organisation's readiness.

From tender PDF to bid pack

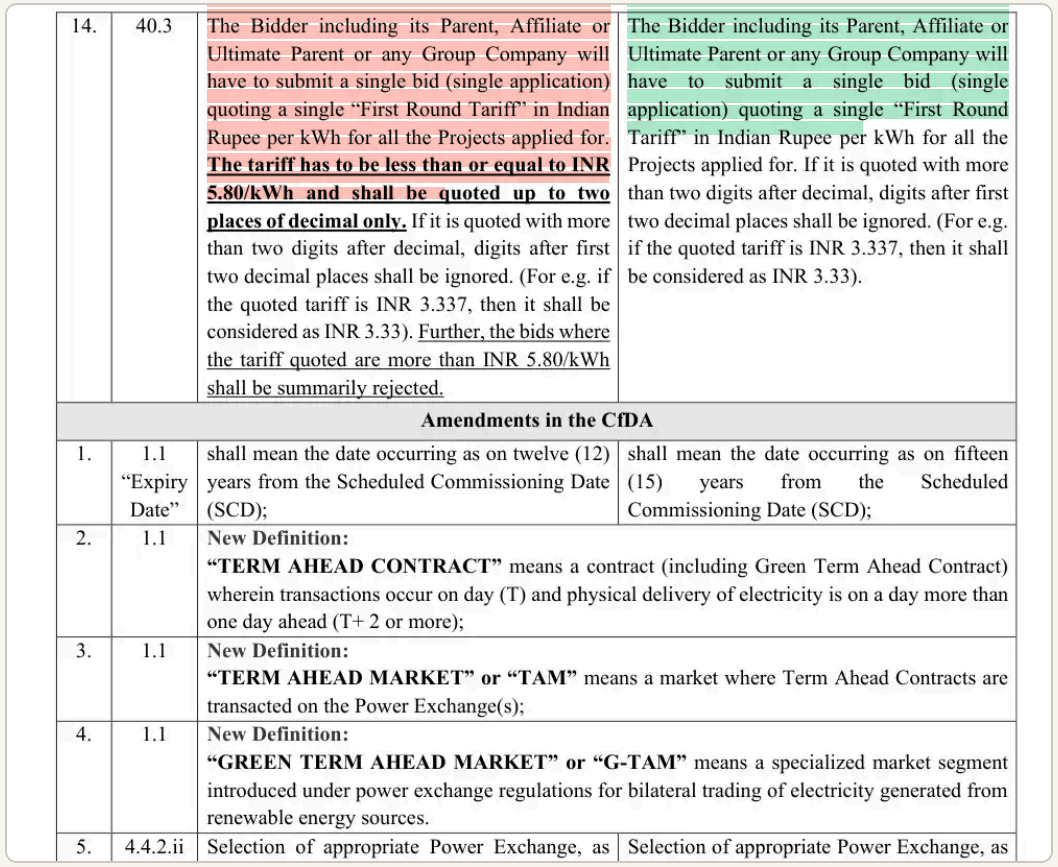
1. **Tender in**
   Six documents, classified
2. **Evidence**
   Every value on its page
3. **Amendments**
   40 changes, word by word
4. **Conditions**
   262, tested on the bid
5. **Team inputs**
   Pings, evidence, sign-off
6. **Design studio**
   Move the plant, watch the price
7. **Optimise**
   Least price, every day met
8. **Dispatch**
   15-minute blocks, 15 years
9. **Finance**
   The model behind the price
10. **What-if**
    Levers and the track to a quote
11. **What wins**
    The Pool and the corpus
12. **Bid review**
    Against rules and the market
13. **Bid pack**
    Excel, letters, files

Read with evidence, amendments word by word

262
conditions, each with page and quote

40
amendment changes, was and now

Term of the agreement	12 years	15 years
Ceiling tariff	₹5.80/kWh	None
Battery	Optional, may be a third party's	Mandatory X MW / 2X MWh, owned
Commissioning	Whole project by month 15	Battery by month 15, RE by month 36
Charging power	25% from the green market	+75% until month 36, then +50% group RE

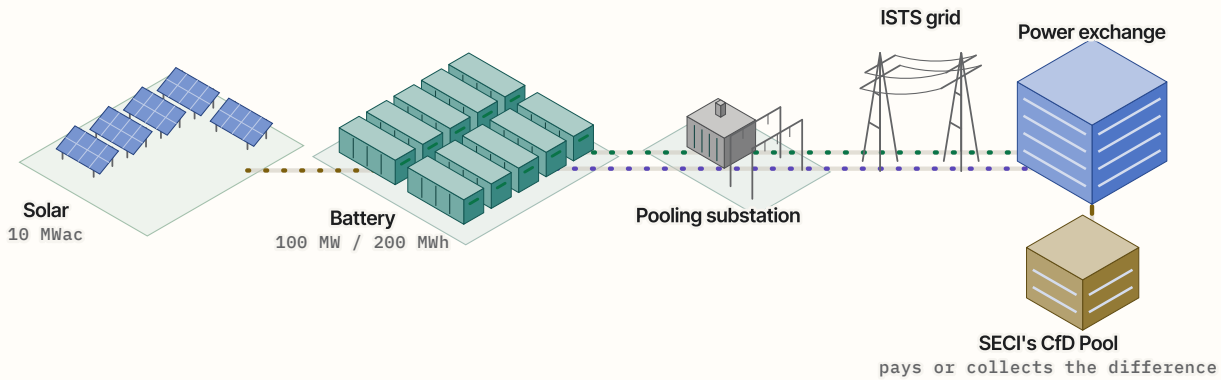


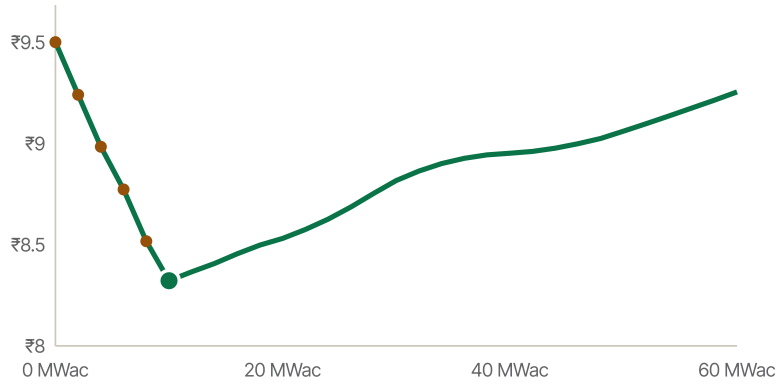
14.	40.3	The Bidder including its Parent, Affiliate or Ultimate Parent or any Group Company will have to submit a single bid (single application) quoting a single "First Round Tariff" in Indian Rupee per kWh for all the Projects applied for. **The tariff has to be less than or equal to INR 5.80/kWh and shall be quoted up to two places of decimal only.** If it is quoted with more than two digits after decimal, digits after first two decimal places shall be ignored. (For e.g. if the quoted tariff is INR 3.337, then it shall be considered as INR 3.33). Further, the bids where the tariff quoted are more than INR 5.80/kWh shall be summarily rejected.	The Bidder including its Parent, Affiliate or Ultimate Parent or any Group Company will have to submit a single bid (single application) quoting a single "First Round Tariff" in Indian Rupee per kWh for all the Projects applied for. If it is quoted with more than two digits after decimal, digits after first two decimal places shall be ignored. (For e.g. if the quoted tariff is INR 3.337, then it shall be considered as INR 3.33).
Amendments in the CfDA			
1.	1.1 "Expiry Date"	shall mean the date occurring as on twelve (12) years from the Scheduled Commissioning Date (SCD);	shall mean the date occurring as on fifteen (15) years from the Scheduled Commissioning Date (SCD);
2.	1.1	**New Definition:** **"TERM AHEAD CONTRACT"** means a contract (including Green Term Ahead Contract) wherein transactions occur on day (T) and physical delivery of electricity is on a day more than one day ahead (T+ 2 or more);	
3.	1.1	**New Definition:** **"TERM AHEAD MARKET" or "TAM"** means a market where Term Ahead Contracts are transacted on the Power Exchange(s);	
4.	1.1	**New Definition:** **"GREEN TERM AHEAD MARKET" or "G-TAM"** means a specialized market segment introduced under power exchange regulations for bilateral trading of electricity generated from renewable energy sources.	
5.	4.4.2.ii	Selection of appropriate Power Exchange, as	Selection of appropriate Power Exchange, as

SECI's Amendment-03, page 4: the ₹5.80 ceiling removed. Red: as it stood. Green: as amended.

Design the plant, see the price

SECI CfD-I, 100 MW, illustrative inputs. 105 plants simulated for 15 years, 1,680 financial models, 101 seconds.



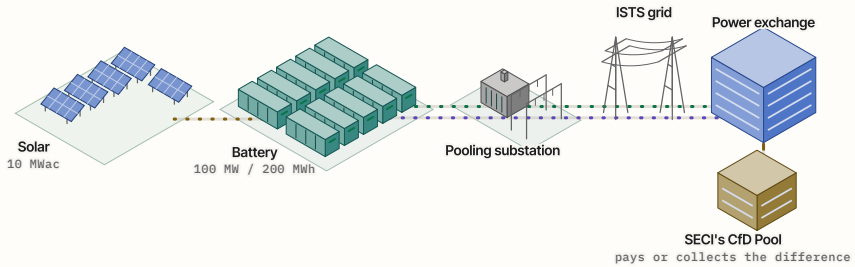


10 MWac · ₹8.32/kWh

the optimum: every day met, 13.0% equity IRR, DSCR 1.20×

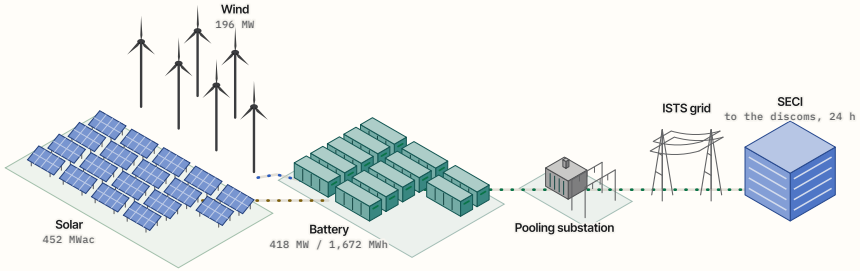
Move own solar, wind, battery cost and the equity return: the strike price, the project cost, the days short and the tender's conditions follow. Below 10 MWac days fall short; above it solar costs more than the power it replaces.

Every kind of tender



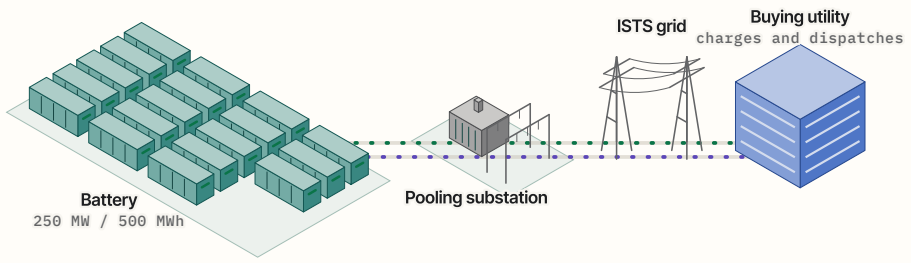
Contract for Difference

SECI CfD-I: 2 h of evening supply through the exchange, settled by SECI's Pool. Strike price ₹8.32 on 100 MW with 10 MWac of own solar.



FDRE round the clock

SECI FDRE-RTC-V: floors in every block of the day. The bridge runs from ₹6.50 to ₹5.14; the winners bid ₹5.25.



Standalone battery

250 MW / 500 MWh, 2 cycles a day: ₹4.57 lakh per MW per month at a 14% IRR, 381 plans compared.

A state-of-the-art optimiser

The tender stated as a linear programme, solved with HiGHS: the lowest tariff that still earns your return.

- **Every hour of the year**: 8,760 hours for the years that bind, or all 25
- **The tender's own floors**: by block, month and year; peak, off-peak, solar hours; penalties
- **Real plants**: degradation, fade, augmentation, separate sites, losses to the meter
- **Proved in 15-minute blocks**: 35,040 a year

1–2 min
a 25-year case on four cores

93 → 53 s
re-solve from the last solution

5,25,888
15-minute blocks in a CfD term

What-if: the track to a quote

From ₹8.32 to a quote of ₹7.50: the surest route, each move with its chance. Turn a lever down and the model finds another.

LEVER, ONE STEP	DOWN	UP
Own solar	₹9.501	₹8.531
Battery energy	₹8.322	₹8.432
Extra battery for evening sale	₹8.322	₹8.432
Principal moratorium	₹8.322	₹8.234
Battery capex (all-in)	₹8.276	₹8.369
Target equity IRR	₹8.281	₹8.364
Debt share	₹8.358	₹8.284
Receivable days	₹8.288	₹8.357

MOVE	CHANCE	PRICE AFTER
Battery capex (all-in): 0.85 → 0.7	100%	₹7.628
Transmission to the ISTS substation: 0.3 → 0.27	100%	₹7.564
Pre-operative & IDC: 5% → 4%	100%	₹7.524
Receivable days: 45 → 30	100%	₹7.492

Scenarios are saved with versions; up to 12 compared side by side.

Bid review, with market comparables

₹8.32 nothing blocking, 1 that carries cost, 4 to note.

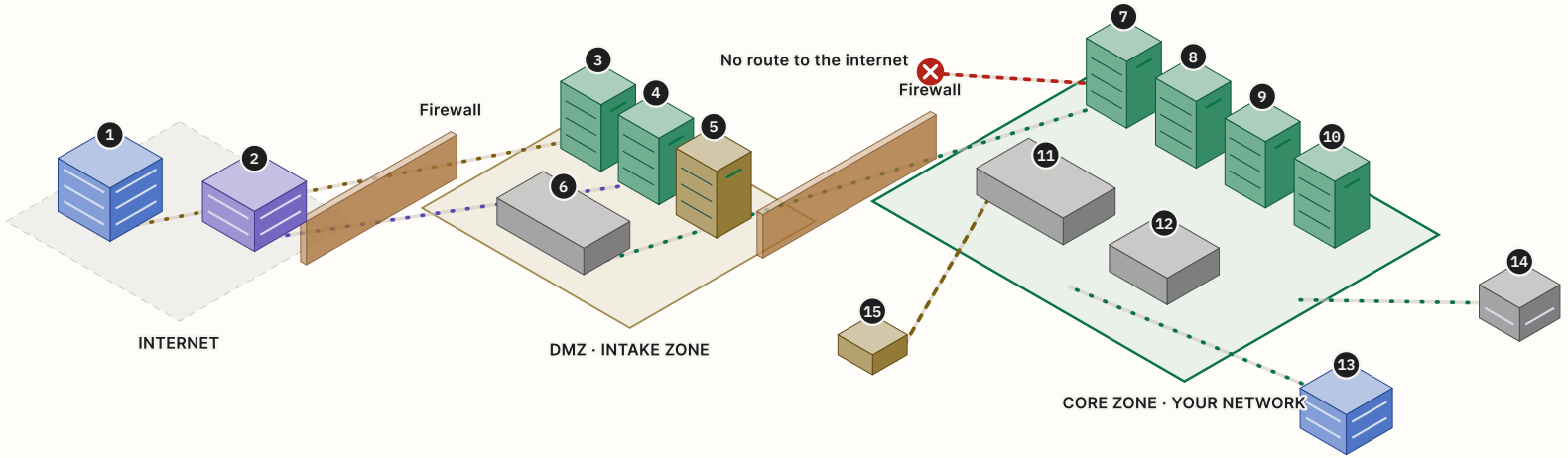
₹19.92 4 blocking findings, 5 that carry cost, 4 to note.

- Tender condition not met: Green market within 25% (+75% until month 36)
- Tender condition not met: 2 MWh/MW every day
- A strike price of ₹19.92/kWh is 3.3× the highest FDRE peak-power award
- Own solar is not at its best: 29 MWac instead of 14 lowers the screening price by ₹3.970/kWh
- Little own RE (14 MWac for 150 MW): nearly all charging power is bought

COMPARABLE	WHAT IT BUYS	₹/KWH
SECI-FDRE-IX	4 h of assured peak supply a day	₹5.99–6.00
SECI-FDRE-RTC-V	firm supply round the clock	₹5.25–5.26
SECI-Tranche-XX	wind energy as generated	₹3.78–3.85
SECI-FDRE-VII	4 h of assured peak supply a day	₹6.27–6.28
Evening market, the two dearest hours	IEX price year	₹8.30
Evening market, all hours 18:00–24:00	IEX price year	₹6.73

The Pool is about neutral at the evening price; SECI may cut the award to its ₹76 crore corpus.

Your bid never leaves your premises



Secrets

scrypt passwords, httpOnly sessions, throttled sign-in, keys in AES-256-GCM.

Control

Roles, access tab by tab, an activity log for 400 days, backups.

Updates and connectors

Signed patch bundles, verified before applying. MCP connectors on subscription, in the intake zone only.

Cross-functional team, one platform

Work together

Steps by team. Pings with @mentions and threads on any input, assignments, email, answers filled in from the reply.

Evidence and sign-off

A paperclip on every input. Sign-off turns amber if the value changes. Evidence register and activity log.

Scenarios are saved

Named scenarios with versions, restored at will, up to 12 compared side by side.

SECI's recent auctions

AUCTION	PRODUCT	MW	₹/KWH	DATE
SECI-FDRE-IX	FDRE peak power	1,500	5.99–6.00	21 Aug 2026
SECI-FDRE-RTC-V	FDRE-RTC	1,000	5.25–5.26	6 Aug 2026
SECI-Tranche-XX	Wind	1,495	3.78–3.85	15 Jul 2026
SECI-FDRE-VII	FDRE peak power	1,200	6.27–6.28	5 Feb 2026
SECI-Tranche-XIX	Wind	1,200	3.67–3.69	4 Feb 2026
SECI-ISTS-XXI	Solar + ESS	1,200	3.12–3.13	9 Jan 2026
SECI-ISTS-XX	Solar + ESS	2,000	2.86–2.87	15 Oct 2025
SECI-RTC-IV	RTC (round-the-clock RE)	420	5.06–5.07	26 May 2025

From SECI's result notices. Every bidder: tenderos.joulewise.tech/data/seci-results.csv

Everything in the application

Tender to Bid
Upload an RfS with its amendments, clarifications and PPA/PSA (up to 20 files).

SECI FDRE-RTC tender
The 1,000 MW round-the-clock tender worked end to end.

CfD bid (SECI CfD-I)
A Contract for Difference in plain words; four amendments with 40 changes quoted; 262 conditions with their...

BESS tenders
Standalone battery tenders read from the document.

Solar and wind studios
Solar.

Plant sizing optimiser
Linear optimisation with HiGHS over every hour of the year, against every block floor, storage rule and...

15-minute dispatch
Every day of the term in 96 time blocks.

Financial model, Excel twin
A 25-year model from construction.

What-if and the track to a quote
Every lever's effect on the tariff, the surest route to the price you want to quote with the chance of each...

Bid review
Why a bid is not optimal.

Saved bids and scenarios
Every save is a named scenario with versions kept; restore any version; compare up to 12 scenarios side by...

Team, evidence, sign-off
Steps by team, a paperclip for evidence on every input, pings and threads, assignments with email, sign-off...

New tenders radar
Scans SECI's tender list and details pages, never the documents, and summarises each tender.

Recent results
SECI's e-reverse auction results, every bidder awarded and not, with capacity and final tariff, linked to...

Voice agent, MCP connectors
Ask the tender by voice or chat.

On your premises
Docker on any cloud or on-premises.

How we work with you

You receive

- The application installed on your cloud or on-premises (Docker)
- Tender packs for the tenders you bid
- The Excel workbook and bid pack of every bid
- Documentation, test matrix and installation guide

Under the annual contract

- Signed patches and new tender packs
- Change requests raised in the application, implemented and shipped
- Support on installation and upgrades

See it on your next tender

+91 87967 92724

sales@joulewise.com · tenderos.joulewise.tech/#demo

Live tour and SECI auction data: tenderos.joulewise.tech