Solar-cell manufacturing

Technology, line capacity, utility systems and procurement inputs for a cell-manufacturing facility.

Cell manufacturing, module assembly and electricity generation are different scopes. Confirm current certification and market-access requirements for the proposed product and sales route.

Sector inputs

01. Technology and cell format, target efficiency, production yield and evidence supporting those assumptions.

Owner / evidence / status: _____

02. Number of lines, nameplate and achievable capacity, process flow, tool specifications and throughput bottlenecks.

Owner / evidence / status: _____

03. Land and factory layout, clean areas, controlled environments, warehousing and logistics.

Owner / evidence / status: _____

04. Wafer, paste, chemical and gas supply strategy; supplier offers, alternatives, incoming quality controls and inventory policy.

Owner / evidence / status: _____

05. Equipment quotations, vendor credentials, factory/site acceptance criteria, spares, maintenance and import-cost assumptions.

Owner / evidence / status: _____

06. Power and backup requirements; water treatment and ultra-pure water; process gases, compressed air, HVAC and exhaust systems.

Owner / evidence / status: _____

07. Effluent handling, chemical storage, worker safety and the project-specific approvals/certifications register.

Owner / evidence / status: _____

08. Domestic/export sales mix, price evidence, ramp-up, manpower, construction milestones and expenditure already incurred.

Owner / evidence / status: _____

Common records and follow-up

Use the assessment date and projection period agreed for your appointment. Mark each item available, pending or not applicable, with a reason.

Collect alongside the sector inputs

Promoter / finance team
Company and ownership records, relevant experience and historical financial statements where available.

Finance team
Current debt, repayment schedules, promoter funding and expenditure incurred as of the agreed assessment date.

Project / supplier teams
Dated estimates and quotations with scope, exclusions, taxes, validity, payment and delivery terms.

Project owner
Recipient requirements, appointment scope, target date, contacts and a register of missing inputs.

Finance / project teams
Linked projections using the agreed horizon, implementation plan, operating assumptions and sensitivities.

Record what remains open

Missing input	Owner	Due date	Effect on assessment

About this checklist

Adapted by Bitcon editorial from Bitcon working checklists for general input preparation. It is not a completed DPR or TEV report, a statutory approval register or a viability conclusion. Confirm current technical, legal and lender requirements for the actual project.

Share only a short project brief initially. Exchange sensitive company, personal and financial records through the private channel agreed for the assignment.

Read more: gobitcon.in/resources/tev-report-checklist

Contact: ramesh@gobitcon.in | +91 78993 12005