TENDER & ENGINEERING STARTER PACK

Pole & Foundation Input Form

A public input form for preliminary structural coordination of lighting poles, solar poles, and high-mast systems.

IMPORTANT
This form collects review inputs. It is not a structural calculation, stamped design, construction drawing, or approval for installation. Final design must follow confirmed loads, site conditions, applicable codes, and qualified local engineering review.

1. Project and site

Project / tender reference	_____
Country / city / coordinates	_____
Application	[ ] Road [ ] Solar road [ ] Area light [ ] High mast [ ] Smart pole
Site exposure	[ ] Urban [ ] Open terrain [ ] Coastal [ ] Mountain [ ] Cyclonic [ ] Other

2. Pole / mast geometry

Height and sections	Overall: _____ m Sections: _____ Joint type / overlap: _____
Cross-section	[ ] Round [ ] Octagonal [ ] Conical [ ] Straight [ ] Decorative / custom
Diameters / thickness	Top: _____ mm Bottom: _____ mm Wall: _____ mm
Arm / bracket	Type: _____ Length: _____ m Rise / tilt: _____
Access / maintenance	Door: _____ Cable route: _____ Climbing / lowering: _____

3. Mounted equipment and loads

Luminaires	Quantity: _____ Unit mass: _____ kg Projected area / dimensions: _____
Solar equipment	PV size / mass: _____ Battery location / mass: _____ Bracket: _____
Smart / other equipment	Camera / antenna / sign / controller / cabinet / banner: _____
Cable and internal equipment	_____

4. Wind, environment, and protection

Design wind speed	_____ m/s or _____ km/h Code / return period: _____
Temperature / ice / seismic	_____
Corrosion environment	[ ] Inland [ ] Industrial [ ] Coastal [ ] Marine splash Distance to sea: _____
Surface protection	[ ] Hot-dip galvanized [ ] Powder coat [ ] Paint system [ ] Other: _____
Grounding / lightning	_____

5. Foundation and ground inputs

Foundation responsibility	[ ] Buyer/local engineer [ ] Reference requested [ ] Project-specific review requested
Soil / geotechnical data	Bearing: _____ kPa Soil type: _____ Groundwater: _____ Report attached: [ ]
Existing civil constraints	Buried services / drainage / pavement / slope / flood / excavation: _____
Foundation type preference	[ ] Direct embedment [ ] Reinforced concrete with flange [ ] Other: _____
Concrete / rebar / code	_____

6. Flange, anchor bolts, and drawings

Base flange	Outside size: _____ Thickness: _____ PCD: _____ Hole size: _____
Anchor bolts	Quantity: _____ Diameter: _____ Grade: _____ Embedment: _____
Templates / leveling	Template: [ ] Leveling nuts: [ ] Grout: [ ] Drainage detail: [ ]
Files attached	[ ] Pole drawing [ ] Load schedule [ ] Site plan [ ] Geotechnical report [ ] Photos
Files requested	[ ] Pole GA [ ] Flange layout [ ] Anchor bolt layout [ ] Foundation reference

7. Preliminary review record

Missing load inputs	_____ _____
Missing site / ground inputs	_____ _____
Local structural reviewer	_____
Reference drawing status	[ ] Not requested [ ] Inputs incomplete [ ] Ready for controlled review