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# Street Lighting RFQ Inputs Checklist

Document: Street Lighting RFQ Inputs Checklist (Tender / EPC Use)

Purpose: Fill in this 1–2 page checklist to provide all inputs needed for selection, quotation, DIALux/Relux simulation,

Project / Tender: _____ Pack Rev: _____

Prepared by: _____ Date: _____

## 1) Project Basics

Project / Tender Name: _____

Country / City: _____ Site Type: ☐ Road ☐ Highway ☐ Campus ☐ Industrial Yard ☐ Parking ☐ Other: ____

Estimated Quantity (sets): _____ Target Delivery Date: _____

Contact (EPC / Consultant): _____ Email/WhatsApp: _____

Procurement Stage: ☐ Budgeting ☐ Tendering ☐ Awarded ☐ Urgent Replacement

## 2) Lighting Targets

Applicable Standard / Spec: ☐ EN 13201 ☐ IES / RP-8 ☐ Local spec (attach): ____

Target maintained level: _____ ☐ lux ☐ cd/m² (if luminance-based)

Uniformity requirement: ☐ Min/Avg ≥ ____ ☐ Avg/Min ≥ ____ ☐ Other: ____

Glare / ULR limits (if required): _____

CCT: ☐ 3000K ☐ 4000K ☐ 5000K ☐ 5700K

CRI: ☐ ≥70 ☐ ≥80

Flicker limits: ☐ Yes ☐ No

## 3) Geometry & Layout Assumptions

Road width (m): _____ Lanes: _____ Median: ☐ Yes ☐ No ☐ (width: ____ )

Pole height (m): _____ Pole spacing (m): _____ (if unknown, write "TBD")

Arrangement: ☐ Single-side ☐ Double-side ☐ Staggered ☐ Median-mounted

Arm length (m): _____ Tilt angle: _____ ° Overhang (m): _____

Mounting position: ☐ Pole top ☐ Side entry ☐ Bracket/arm

Attachments available: ☐ CAD/DWG ☐ Site photos ☐ Google map pin ☐ Cross-section sketch

Note: To avoid tender rejection, please use one document revision per submission pack. Mixed versions are a common consultant rejection reason.

Evidence types: photos, instrument readings, and platform screenshots (if applicable).

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Continuation — sections 4 to 7

## 4) Electrical & Protection

Power source: ☐ AC grid ☐ Solar ☐ Hybrid

AC input (if grid): _____ V _____ Hz

Earthing system: ☐ TN ☐ TT ☐ IT ☐ Unknown

Surge protection requirement: ☐ 6kV ☐ 10kV ☐ 20kV ☐ As spec

SPD location preference: ☐ In luminaire ☐ In pole base ☐ Both ☐ Not specified

Cable entry: ☐ Top ☐ Bottom ☐ Side

Connector preference: ☐ Terminal block ☐ Quick connector ☐ Other: ____

## 5) Environment & Durability

Environment: ☐ Coastal ☐ High dust ☐ High humidity ☐ Industrial ☐ Normal

Ambient temperature range: _____ to _____ °C

Wind / storm exposure: ☐ High ☐ Normal ☐ Unknown

Corrosion protection requirements (poles/brackets): _____

Ingress protection required: ☐ IP65 ☐ IP66 ☐ IP67

Impact: ☐ IK08 ☐ IK10

## 6) Deliverables Required (Tender / Submittal)

☐ Datasheet (PDF)

☐ GA / 2D drawing (PDF)

☐ IES/LDT photometric files

☐ DIALux/Relux report (assumptions + tables + layouts)

☐ Packing list reference (carton size / gross weight)

☐ Test / compliance references (on request): LM-79 / IEC reports / UN38.3 / MSDS

☐ Warranty statement

Consultant requires editable CAD (DWG)? ☐ Yes ☐ No

If yes: NDA available _____

## 7) Submission & Timeline

Tender submission deadline: _____

First response expected: ☐ 24H ☐ 48H ☐ 72H

Preferred delivery method: ☐ Email ☐ Drive link ☐ Tender portal upload

Attachments to provide now: ☐ BOQ ☐ Drawings ☐ Spec PDF ☐ Photos ☐ None yet

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