

**Board of Management, Quaid-E-Azam Industrial Estate,
Kot Lakhpat, Lahore**

Bidding Document



**“Supply, Installation, Testing and Commissioning of LED Street Lights,
Quaid-E-Azam Industrial Estate Kot-Lakhpat, Lahore”**

At

**BOARD OF MANAGEMENT QUAID-E-AZAM
INDUSTRIAL ESTATE**



BIDDING DOCUMENT

**“Supply, Installation, Testing and Commissioning of LED Street
Lights, Quaid-E-Azam Industrial Estate Kot-Lakhpat, Lahore”**

At

**Board of Management, Quaid-E-Azam Industrial Estate,
Kot Lakhpat, Lahore**

Last date of submission: 11-03-2025



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1. Overview

Board of Management, Quaid-E-Azam Industrial Estate, Kot Lakhpat, Lahore intends Supply, Installation, Testing and Commissioning of LED Street Lights, Quaid-E-Azam Industrial Estate Kot-Lakhpat, Lahore as provided at Annex 'A' and technical scope of work at Annex 'B'. The supplier will be responsible for Supply, Installation, Testing and Commissioning of LED Street Lights, wherever required, at the Board of Management, Quaid-E-Azam Industrial Estate, Kot Lakhpat, Lahore. This document provides complete instructions for bidders intending to participate in this Bidding.

2. Instructions for Bidders

- 2.1 Purchase will be made as per PPRA Rules 2014, as amended to date, single stage two envelopes procedure. The Board of Management, Quaid-E-Azam Industrial Estate, Kot Lakhpat, Lahore invites bids from manufacturers, suppliers and distributors for supply as per specifications, scope of work and requirements given in the Bidding Documents.
- 2.2 The bids shall be submitted on E-PAD (mandatory). The complete E-bids must be submitted online on e-procurement system (E-pads) website i.e. www.punjab.eprocure.gov.pk Bidders are advised to ensure uploading the Bids on EPADS portal, well before the submission of deadline.
- 2.3 Response to the Tender (Bid) should be submitted/uploaded on EPADS which shall include two separated bids of Technical Proposal and Financial Proposal before **12:00P.M on 11-03-2025**. Technical Proposals will be opened on same day at **12:30 PM** on EPADS and Financial Proposals will be opened after completion of technical evaluation. The exact date and time for opening of financial proposals will be informed to technically qualified bidders and updated on EPADS.

Sr. Estate Manager,
169-A/S, Quaid-e-Azam Industrial Estate, (Kot Lakhpat), Lahore
Ph: +92 42 99330357-9
Email: info@qie.com.pk , Website: www.qie.com.pk

- 2.4 All bids must be submitted/ uploaded by filling the Bid Form as provided in Annex 'C'. Same should be enclosed in the financial proposal. Bidder must use the same numbers and labels as used in this request for proposal.



2.5 The original Bidding Document duly signed and officially sealed by the bidder must be submitted / uploaded complete in all respect with the proposals. Any conditional, ambiguous, incomplete, supplementary or revised offer after the opening of Tender shall not be entertained.

3. Technical Proposal Format

Bidders are required to include the following documents/information in their technical proposals in the order given below:

- i. Profile of company.
- ii. List of Previous and Current customers, Purchase Orders should be attached with technical bid.
- iii. Legal registered entity (Sole Proprietor, Registration with SECP or Registrar of Firm) having active NTN, GST and PST, if applicable
- iv. Complete Income Tax Returns for Last three consecutive Years amongst (2020-2021, 2021-2022, 2022-2023, 2023-2024)
- v. An affidavit on Rs 100/- Stamp Paper issued after date of publishing of Tender Notice/Invitation to Bid which illustrate that currently they are not black listed or de-barred by PPRA Punjab, and PIEDMC, Quaid-e-Azam Industrial Estate Board, Lahore.
- vi. Details of all the items & specifications provided by supplier against items detailed as given at **Annex 'A'**
- vii. After Sale Service and Warranty provided as per specification of items for 02-Years (Signed Statement)
- viii. Acceptance of technical scope of work and requirement of project as provided in **Annex 'B'**
- ix. Signed and Stamped Complete bidding document.
- x. Bank Draft of the Bid Security must be attached with technical proposal as per estimated cost mentioned in the Tender notice/Invitation to Bid.
- xi. Minimum 1 to 3 years' experience (Firm must attach five related supply orders as a proof with the technical bid)

4. Financial Proposal Format

Financial Proposal must include the following in the order given below:

- i. Prices duly entered on the form in the attached BOQ
- ii. Validity period of the quoted price
- iii. Any Conditional Offer will not be accepted.

5. Terms & Conditions

5.1 This invitation for bids is open to all Manufacturers/ Distributors/Suppliers in Pakistan.



- 5.2 All prices should be quoted in Pak Rupees and inclusive of all Government Taxes & Levies.
- 5.3 A bank draft equal to 03% of the total estimated cost mentioned in Tender notice/Invitation to e-Bid should accompany the Bidding Document as **Bid Security** drawn in favor of **PIEDMC-Quaid-e-Azam Industrial Estate Board, Lahore**. The Bidding Document shall not be considered without Bid Security. Bank draft for Bid Security must be attached on EPADS under Bid security details and also attached with technical Bid in PDF Form and original Bid Security must be submitted in QIE Office situated at 169-A/S, Board of Management Quaid-e-Azam Industrial Estate (Kot Lakhpat) Lahore before deadline.
- 5.4 Bid Security for bidders not selected will be returned within minimum of six weeks after announcement of award and returned to successful bidder after issuance of Purchase order/work order. If the selected bidder fails to accept the work order/purchase order within stipulated time, Bid Security will be forfeited.
- 5.5 A Bank draft of 10% of the Contract Amount as **Performance Guarantee** will be provided by the successful bidder in favor of **PIEDMC-Quaid-e-Azam Industrial Estate Board, Lahore** on issuance of Letter of Intent, which shall remain valid for 24 months beyond successful commissioning of Project. This performance guarantee will be released after the completion of warranty/guarantee period.
- 5.6 The decision of the QIE competent authority will be binding on all concerned and will in no case be challenged in any forum.
- 5.7 Board of Management, Quaid-E-Azam Industrial Estate, Kot Lakhpat, Lahore reserves the right to modify the conditions / specifications of the Bidding Document with intimation to all the participants.
- 5.8 Delivery period will be as per terms & conditions of purchase order/work order/contract agreement.
- 5.9 Delivery shall be completed according to the agreed upon schedule as per terms & conditions of purchase order/supply order/contract agreement.
- 5.10 In case the selected bidder fails to execute the work order/purchase order strictly in accordance with the terms and conditions laid down in the contract agreement and purchase order/work order, the Performance Guarantee shall be forfeited.
- 5.11 The Board of Management, Quaid-E-Azam Industrial Estate, Kot Lakhpat, Lahore will get all the items inspected at BOM, QIE Office situated at 169-A/S, Board of Management Quaid-e-Azam Industrial Estate (Kot Lakhpat) Lahore and reject the Item, if not found according to the



stated specifications.

- 5.12 The Board of Management, Quaid-E-Azam Industrial Estate, Kot Lakhpat, Lahore reserves the right to claim compensation for the losses caused by delay in the delivery of items.
- 5.13 It is the sole responsibility of the bidder to comply with local, national and international laws.
- 5.14 In case any supplies is found not in conformity with the specifications provided in the Bidding document, either on account of inferior quality, defective workmanship, faulty design, or is short supplied, or wrongly supplied, the supplier will replace the same free of charges or pay the full cost of replacement.
- 5.15 All the proposals submitted online through EPADS will become the property of the Board of Management, Quaid-E-Azam Industrial Estate, Kot Lakhpat, Lahore.
- 5.16 All prices should be valid for 180 days. Withdrawal or any modification of the original offer within the validity period shall entitle the Board of Management, Quaid-E-Azam Industrial Estate, Kot Lakhpat, Lahore to forfeit the Bid Security in favor of the Board of Management, Quaid-E-Azam Industrial Estate, Kot Lakhpat, Lahore and/or putting a ban on the future inquires or taking any other suitable action against the bidder.
- 5.17 Delivery of all the Items will be free of charge at BOM, QIE Office situated at 169-A/S, Board of Management Quaid-e-Azam Industrial Estate (Kot Lakhpat) Lahore during the office hours with a copy of Delivery Challan.
- 5.18 All Items should be brand-new and according to order specification and covered under normal warranty/guarantee etc. as mentioned in the quote.
- 5.19 Payment will be released after the successful commissioning of project through cross cheque after deduction of applicable taxes through Finance Department, BOM-QIE.

6. Evaluation Criteria

All bids shall be evaluated on technical and financial merit. The Company Evaluation Criteria is attached at **Annex 'D'** for reference.



7. Undertaking

On behalf of the company, it is certified that we agree to the all the Instructions and Terms & Conditions given in this Bidding Document

Name of bidder.....

Authorized person.....

Authorized signature.....

Stamp.....

Office Address.....

Tel No

Fax No

A *Ent.*



Supply, Installation, Testing and Commissioning of LED Street Lights, Quaid-E-Azam**Industrial Estate Kot-Lakhpatt, Lahore**

Sr. No.	Name of items with Equivalent or Better Specifications	Required Qty.	Offered Specifications of items
1	<p align="center"><u>LED Street Lights</u></p> <p>Wattage: 100 Watt LED Driver: Cree, Mean well, Philips Professional Isolated Driver with Protection Working Voltage: AC 100-270V 50/60Hz Power factor: <0.95 Total Harmonic Distortion (THD): >15% Surge Protection: 10KV</p> <p><u>Light Technical Characteristics</u></p> <p>Light LED Chip Source: Cree /Philips / Lumileds LED Efficiency: >180 lm/w Lumens Efficacy: >140 lm/w Color rendering index: > 70 Fixture Material: Housing: Die cast Aluminum Gasket: Heat Resistant Silicon Rubber Color Temperature: 3000k/4000k/6000-6500K Lifetime: 50,000 hours (70% lumen maintenance @ Ta =35 C</p> <p><u>Environmental Characteristics</u></p> <p>Working temperature: -40' C < Ta °= 55°C Wind force: Up to 60rn/s Relative humidity: Up to 95%RH Recommended Height: <12m</p> <p><u>Mechanical</u></p> <p>Housing material: High pressure die-cast aluminum Gasket material: Heat resistant silicone rubber Glass: Tempered glass Finishing: Corrosion Resistant Powder Coating Certification: CE, ROHS Classification: IP66; IK08; Class I Maintenance: Tool-less opening of gear Compartment Tool-less LED Module replacement Protections: Surge Protection 10KV Short Circuit Protection Over Voltage Body Color: Gray, Black, White Back Up Support: Local Back Up Support Products and Parts Always in Stock</p>	70	
2	Galvanized Iron Pipe and brackets for LED Lights	70	



Sr. No.	Name of items with Equivalent or Better Specifications	Required Qty.	Offered Specifications of items
	Street Light Pole Bracket (1.7 meter long, 62 mm dia) of G.I Pipe, installing, fixing S.S clamps, Nuts bolts and required mounting accessories, complete in all respect with approval of the Engineer In charge of BOM-QIE		
3	Miniature Circuit Breaker for Street Lights 10A Double Pole Miniature Circuit Breaker (Original ABB, Schneider or equivalent or better) ~240/415V with enclosure box 1'x1' or 10"x10" with 18 Gauge sheet and powder coated paint having high quality and all other accessories channel, nuts, bolts, box glands etc & 05-Ampere Fuse with holder install in each enclosure box to protect sensor with approval of the Engineer In charge of BOM-QIE.	100	
4	Power Cable for Street Lights 2-Core (7/36") 7 strands, each of 0.036 inches diameter PVC/PVC copper cable Newage or equivalent or better between LED light fixture gear compartment and Circuit Extension Poles complete in all respects as per design, specifications and with approval of the Engineer In charge of BOM-QIE.	2-Core 7/36" = 1350mtr	
5	Power Cable for Street Lights 2-Core 1.5 mm ² (stranded) PVC/PVC copper cable Newage or equivalent or better between LED light fixture gear compartment and Circuit Extension Poles complete in all respects as per design, specifications and with approval of the Engineer In charge of BOM-QIE.	2-Core 1.5 mm ² = 1080mtr	
6	Photo sensor (Photo electric Controller) for 100-Watt LED Street light Supply 100 quantity of Photo Electric Controller with socket (Auto switching) PHS-06A Camsco Taiwan made or equivalent or better made water proof, I _r = 10A, f= 50/60Hz, High impact thermoplastic housing, V _r =105-305Vac, outdoor usage, L _{max} = 1000W, Working Environment: 0°C~50°C and install 70 photo sensors with LED Street lights including testing and commissioning of each newly install LED Street light with approval of the Engineer In charge of BOM-QIE	100	
7	Supply, Installation testing & commissioning of LED Street lights with labor and crane charges	70	

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TECHNICAL SCOPE OF WORK**A). General****Scope of Work:**

These specifications cover the supply, installation, testing and commissioning of LED Street Lights in Quaid-e-Azam Industrial Estate with allied accessories. The Contractor shall be responsible for all defects during installation and maintenance period; will replace and rectify the same without any additional cost also if any fault occurs. The Contractor shall hand over the completed work after final approval of the client. The material involve in project is mentioned in Bill of Quantity (BOQ) of these bidding documents including:

- Supply, Installation, Testing and Commissioning of LED Lights in Quaid-e-Azam Industrial Estate with allied accessories as per specifications given in tender documents.
- Street Light Pole Bracket (1.7 meter long, 62 mm diameter) of G.I Pipe, installing, fixing S.S clamps, Nuts bolts and required mounting accessories, complete in all respect with approval of the Engineer In charge of BOM-QIE.
- Supply, installation, Testing and commissioning of 2-Core 7/36" & 2-Core 1.5 mm² (stranded) PVC/PVC copper. Cable (stranded) between LED light fixture gear compartment and Circuit Extension Poles complete in all respects as per design and specifications and with approval of the Engineer In charge of BOM-QIE.
- Supply, testing, Installation and Commissioning of 10-A Double Pole Miniature Circuit Breaker (Original ABB or Schneider or equivalent or better) ~240/415V with enclosure box 1'x1' or 10"x10" with 18 Gauge sheet and powder coated paint having high quality and all other accessories channel, nuts, bolts, box glands etc and 05-Ampere Fuse install in each enclosure box to protect photo electric controller (sensor) with approval of the Engineer In charge of BOM-QIE.
- Supply 100 quantity of photo electric controller with socket (Auto switching) PHS-06A Camsco Taiwan made or equivalent or better made water proof, $I_r = 10A$, $f = 50/60Hz$, High impact thermoplastic housing, $V_r = 105-305Vac$, outdoor usage, $L_{max} = 1000W$, Working Environment: $0^{\circ}C \sim 50^{\circ}C$ and install 70 photo sensors with LED lights including testing & commissioning of each newly install LED lights with approval of the Engineer In charge, QIE.
- Any other item, which is not included here but is necessary for integrated operation of the LED Light Fixtures and advised by the Engineer In charge, QIE.

b) Codes, Regulations, notices and Fees

The whole of work shall be carried out strictly in accordance with regulations as issued by International Electro-technical Commission (IEC) and shall also comply with the specifications.

The Contractor shall familiarize himself with all requirements as to permits, license, fees and codes and arrange to comply with these. All permits, licenses, fees, inspections and arrangements required for the work under this contract shall be obtained by the contractor at his own expense.

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The electrification works as mentioned in the BOQ will be considered complete in all respect once it is got commissioned. Completion certificate for the said work will be issued by Engineer In charge, BOM-QIE thereafter.

c) Materials

All materials / equipment shall be in accordance with technical specifications given in bidding documents.

d) Samples

Successful Bidders is required to provide LED street light of 100-Watt sample in accordance with the terms and conditions mentioned in the Work Order/Contract Agreement for testing and evaluation from CERAD-UET under witness of the Engineer In charge, BOM-QIE at Contractor / Firm's own cost.

CERAD-UET Outdoor LED Street light test details are as under:

1. Electrical and Photometric Test
2. Chromaticity Measurements
3. Harmonic Current Emission Test
4. Water soaking test IPX5, IPX6
5. IK Test
6. Dust test IP5X, IP6X
7. Salt Spray Test
8. Flicker Analysis Test
9. Electronic Ballast Test
10. LED Driver test
11. Surge Immunity Test
12. Temperature & Humidity Test
13. Vibration Test

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**Supply, Installation, Testing and Commissioning of LED Street Lights, Quaid-E-
Azam Industrial Estate Kot-Lakhpat, Lahore**

(Bid Form)

Sr. No.	Name of Items	Quoted Brand & Model	Required Qty.	Unit Price (Inclusive of all taxes) PKR	Total Price (Inclusive of all taxes) PKR
1	100-Watt LED Street Light		70		
2	Galvanized Iron Pipe and pole brackets with complete accessories for LED Lights		70		
3	10-Ampere 2-Pole Miniature Circuit Breaker, 05-Ampere fuse with holder & Enclosure box with complete accessories for Street Lights		100		
4	Power Cable for Street Lights		2-Core 7/36" = 1350mtr		
5	Power Cable for Street Lights		2-Core 1.5 mm ² = 1080mtr		
6	Photo electric controller with socket (Auto switching) for 100-Watt LED Street light		100		
7	Supply, Installation testing & commissioning of LED Street Light with installation, labor and crane charges etc.		70		
Total Price Inclusive of All taxes in Figures					
Total Price Inclusive of All taxes in Words					



Evaluation Criteria

1. Basic Evaluation Criteria

- i. Profile of company.
- ii. List of Previous and Current customers, Purchase Orders should be attached with technical bid.
- iii. Legal registered entity (Sole Proprietor, Registration with SECP or Registrar of Firm) having active NTN, GST and PST, if applicable
- iv. Complete Income Tax Returns for Last three consecutive Years amongst (2020-2021, 2021-2022, 2022-2023, 2023-2024)
- v. An affidavit on Rs 100/- Stamp Paper issued after date of publishing of Tender Notice/Invitation to Bid which illustrate that currently they are not black listed or de-barred by PPRA Punjab, and PIEDMC, Quaid-e-Azam Industrial Estate Board, Lahore.
- vi. Details of all the items & specifications provided by supplier against items detailed as given at Annex 'A'
- vii. After Sale Service and Warranty provided as per specification of items for 02-Years (Signed Statement)
- viii. Acceptance of technical scope of work and requirement of project as provided in Annex 'B'
- ix. Signed and Stamped Complete bidding document.
- x. Bank Draft of the Bid Security must be attached with technical proposal as per estimated cost mentioned in the Tender notice/Invitation to Bid.
- xi. Minimum 1 to 3 years' experience (Firm must attach five related supply orders as a proof with the technical bid)

Note: Basic Evaluation Criteria **Annex-D** is mandatory to fulfill to qualify for detailed evaluation. Failure to meet and submit all documents along with Bidding Documents on EPADS related to basic evaluation may lead to disqualification.



2. Detailed Evaluation Criteria

(Minimum Passing Score required is 65 Points for qualifying to Financial Opening)

DETAILED EVALUATION CRITERIA FOR Specifications are available at Annex-A			
Sr. No	Item Name and Description	Marks	Max Marks
1	Company having Experience from the date of its incorporation	--	10
1.1	1 – 3 years of incorporation.	2	--
1.2	4 – 6 years of incorporation.	4	--
1.3	7 – 10 years of incorporation.	6	--
1.4	Above 10 years of incorporation	10	--
2	Relevant Work Experience	--	15
2.1	1-3 Purchase Orders of related work	5	
2.2	4– 6 Purchase Orders of related work	10	--
2.3	Above 6 Purchase Orders of related work	15	--
3	Cumulative Annual Financial Turnover of Bidder as per income tax returns for Last three consecutive Years amongst (2021-2022, 2022-2023, 2023-2024)	--	20
3.1	01 million to 10 million	5	--
3.2	> 10 million to 20 million	10	
3.3	> 20 million	20	
4	Technical Evaluation of quoted items	--	55
4.1	Specification of items offered should matched as provided in Annex-A	25	
4.2	Registered with Pakistan Engineering Council C6 or better.	05	
4.3	Satisfactory letter from at least 3 end users/Clients during last 2 fiscal years	15	
4.4	Guarantee / Warranty provided as per specification of items requirement	10	
Total		--	100

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