



Cantonment Board Clifton

Tender Documents for LED Street Lights

CANTONMENT BOARD CLIFTON

TENDER NOTICE

Cantonment Board Clifton being procuring entity invites sealed bids for the supply / fixing of various LED Street light projects on the basis of “**Single Stage Two Envelope Procedure**” under Rule 36(b) of PPRA Rules 2004, from the sole distributors / original manufacturers and are on Active Taxpayers List of the Federal Board of Revenue for the following Projects.

S. No	Name of Work	Estimated Cost (In Million)	Bid Security / Earnest Money 2% of estimated (In Million)	Bidding Document fee	Date & time of submission of bids (technical & financial proposal)	Date & time of opening (technical proposal bids)	Project Time limit
1	Installation of Street light LED (180 watt) along Kh-e-Bahria from Kh-e-Ittehad to Seaview	36.00	0.72	Rs. 2000/-	11/11/ 2020 11:00 AM	11/11/ 2020 11:30 AM	As per work order
2	Installation of Street light LED (180 watt) at Kh-e-Badar from Kh-e-Ittehad to Saba Ave Phase-VI	30.80	0.616	Rs. 2000/-	11/11/ 2020 11:00 AM	11/11/ 2020 11:30 AM	As per work order
3	Supply / Fixing of LED (180 watt) at Kh-e-Jami from Comm ave to Kh-e-Ittehad	13.66	0.2732	Rs. 2000/-	11/11/ 2020 11:00 AM	11/11/ 2020 11:30 AM	As per work order
4	Supply / Fixing of LED lights (70 watt) between Kh-e-Nishat and 21st Street of Sehar at Nishat Comm area Phase-VI	10.85	0.217	Rs. 2000/-	11/11/ 2020 11:00 AM	11/11/ 2020 11:30 AM	As per work order
5	Supply / Fixing of LED lights (70 watt) between 26th Street and 24th Street of Kh-e-Tanzeem, Touheed Comm area Phase-V Clifton Cantt	8.29	0.1658	Rs. 2000/-	11/11/ 2020 11:00 AM	11/11/ 2020 11:30 AM	As per work order

TERMS & CONDITIONS/INSTRUCTIONS TO THE BIDDER

1. Tender / Bidding documents containing Invitation to the bid/Tender Notice, Instructions to bidders, Form of Bid, Conditions of Contract Agreement, Tender Drawings & Specifications, Bill of Quantities and Bid evaluation criteria etc. can be obtained on any working day during office hours from the office of Cantonment Board Clifton (CBC) CC-38, Street 10, Kh-e-Rahat, Phase-VI, DHA Karachi on or before closing date of tender bid. Price of the bidding documents is Rs 2,000/- (non-refundable). Tender / bidding documents can also be downloaded from CBC website www.cbc.gov.pk
2. 2% (two percent) earnest money /bid security of quoted bid cost must be accompanied in the shape of Call deposit in the name **Cantonment Board Clifton**, from Scheduled banks in accordance with the Rule 25 of PPRA Rules,2004 and subsequent amendments (if any). An Affidavit to the affect stating that 2% bid security /earnest money has been placed in financial proposals /bids must be attached in the technical proposals. Any bid security not validated from bank can result into penal consequences.
3. The Submission of Bids by the contractors implies that they are fully conversant with the, scope of work and term and conditions laid down in the tender / bid's documents.
4. The eligible contractors / firms are required to submit their Bids for work in separate sealed envelopes i.e. one envelope containing "**Technical Proposal**" of the contractors / firms, clearly marked as "**Technical Bid**" accompanied with respective bidding document fee, while the second envelope containing financial proposal / bid price, clearly marked as '**Financial Proposal**'. Both Technical and Financial proposals / bids will be placed in single sealed envelope and addressed & send to Cantonment Board Clifton.
5. Technical proposal must be numbered & a table of contents inserted at beginning of the proposal showing the table of contents of the proposal according to the numbered pages. All pages of Bids shall be signed & stamped by the bidder and seal be affixed along with the signatures / initials/ Stamp.
6. Contractor / Bidder black listed by Cantonment Board Clifton or involved in litigation or found to be indulged in corrupt or fraudulent practices will be considered non responsive by Cantonment Board Clifton being procuring entity.
7. The "**Technical Proposals/ Bids**" of the firms/ contractors will be evaluated will be eligible in accordance with laid down evaluation criteria based on the following documents to be provided in the bidding documents meant for submission of Technical Proposal.
 - I. Detail of projects of similar nature related to the above mentioned work undertaken by the firm in the last 5 years (in hand/ completed) supported by documentary evidence such as work orders / completion reports in original or attested copies.
 - II. Financial status, Bank balance & certificate from the scheduled bank for the last 3 years.
 - III. The Income Tax Certificate from the concerned department. Showing Tax payment regarding works / projects executed during last 3 years.

- IV. Details of technical staff for the proposed works, duly supported by attested credentials.
- V. An affidavit that the firm is not in dispute / litigation / arbitration with any Govt. / semi Govt. Department on the left over/ incomplete projects.
- VI. An affidavit is required to be provided with the technical bid regarding attachment of the bid security in the shape of Bank Guarantee or call deposit with the financial bid.
- VII. Incomplete Tender form will be Non responsive i.e. name of Firm, Quoted rates in words and in figures, signatures of the contractor and stamp of the firm.
8. Only upto two decimal digits (0.00) will be considered for evaluation of the quoted Rate. If any document submitted along with bid documents found false / bogus, the registration of the contractor / firm shall stand cancelled/ blacklisted in the light of enabling provisions of PPRA Rules 2004. Conditional / Incomplete bids shall not be acceptable.
9. The **Financial Bids / Proposals** of only technically responsive qualified bidders will be opened after evaluation of **Technical Bids** in the presence of bidders / their representatives (who may like to attend) in the office of the Cantonment Board Clifton on the date & time to be notified later on whereas the **Financial Bids** of technically non responsive bidders shall be returned unopened to the respective contractors.
10. The contractors / bidders, who quote their bids / rates more than 10% below the Engineers estimates, shall submit performance guarantee equal to 10% of the estimated cost under rule 39 of PPRA Rules 2004.
11. Any Item not reflected in the BOQ and required at site, shall be paid in accordance with prevailing market rates with the approval of the procuring entity / Competent Authority.
12. All the governments taxes (Federal, Provincial & any other) will be deducted as per prevailing government policy.
13. Incomplete/ disfiguring/ overwriting/ by hand/ delayed bids shall be declared non-responsive.
14. Any bid received in the contravention of enabling provisions of PPRA Rules, 2004 will be declared non responsive by the procuring entity. Cantonment Board Clifton being procuring entity reserves the right to accept or reject any tender / bid on technical / administrative grounds under Rule 33 (1) Rules, 2004.
15. Other terms & conditions pertaining to the works can be seen in the Office of the Cantonment Board Clifton at any working day during office hours.
16. As per PPRA Rule 33, the procuring agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The procuring agency shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals, but is not required to justify those grounds.

QUOTATION / BID FORM

Price Rs. _____ deposited vide Bank Challan No. _____ dated _____

The "Quotation Form" is issued to M/S _____ for **Supply**
of _____.

Cantonment Executive Officer
Cantonment Board Clifton

To,

The Cantonment Executive Officer,
Clifton Cantonment,
Karachi.

Dear Sir,

I/ we hereby, quoted rates for the following specified articles for the Cantonment Board Clifton. Following work execution quantity may increase or decrease as per site requirement after approval of CA.

S.No	Article	Est. Cost as per BOQ (M)	Amount Quoted as per BOQ (M)	Brand & Origin
1	Installation of Street light LED (180 watt) along Kh-e-Bahria from Kh-e-Ittehad to Seaview	36.00		
2	Installation of Street light LED (180 watt) at Kh-e-Badar from Kh-e-Ittehad to Saba Ave Phase-VI	30.80		
3	Supply / Fixing of LED (180 watt) at Kh-e-Jami from Comm ave to Kh-e-Ittehad	13.66		
4	Supply / Fixing of LED lights (70 watt) between Kh-e-Nishat and 21st Street of Sehar at Nishat Comm area Phase-VI	10.85		
5	Supply / Fixing of LED lights (70 watt) between 26th Street and 24th Street of Kh-e-Tanzeem, Touheed Comm area Phase-V Clifton Cantt	8.29		

* Detail Estimates can be obtained from the Engineering Branch, Cantonment Board Clifton.

1) Sample must be provided including 5 years warranty certificate from the manufacturer. Rates without warranty will not be entertained.

2) I / We abide by all the terms and conditions shown in the NOTICE OF QUOTATION / technical specification and shall also abide by the terms and conditions as will be laid in the agreement, should my / our quotation be accepted.

3) Bid security of Rs. 2% amounting to Rs_____ in the shape of Call Deposit bearing No._____ dated _____ of schedule Bank _____ Branch _____ is enclosed alongwith Financial Bid.

4) The bidder shall be bound to quote the rates against the total project & incomplete rate will not be entertained,

Yours faithfully,

Name _____

Address _____

Contact # _____

CNIC No. _____

Signature and Stamp _____

CANTONEMENT BOARD CLIFTON

1. **Scope of work:-**

The work will cover supply, testing and commissioning of 180 watt & 70 watt LED Road Lighting System at Cantonment Board Clifton. The work will be completed as per technical specification, drawings and Bill Quantities (BOQs).

2. **Commencement of Work:-**

The bidder shall start the work immediately after receipt of Work Order by Cantonment Board Clifton.

3. **Defect Liability Period:-**

The contractor shall furnish written guarantee against performance of the each component such guarantee shall be for replacement / repair of a part or whole equipment, which may be found defective in material or workmanship. The guarantee shall cover a minimum period of 05 years from the date of commissioning.

4. **Agreement:-**

The bidder whose rates are accepted by the Cantonment Board shall have to execute an Agreement with Cantt Board Clifton at its own expense.

5. **No Cutting or Over Writing:-**

The original Quotation Documents issued by the Cantonment Board Clifton should be without cutting, eraser and overwriting.

6. **Quotation submission / Opening Date:-**

The original Tender document issued by the Cantonment Board Clifton, dully filled in, with signature & stamp on each page (complete in all respect) must reach the office of Cantonment Board Clifton on _____, which will be opened on the same day at _____ in the presence of the Bidders or their authorized agents.

7. **Increase or Decrease of the Quantities:-**

The Board reserves the right to increase or decrease any or all the quantities.

8. **Specifications:-**

The Bidder shall mention the brand and origin of manufacturing of component / LED light & weather he is Sole Distributor or original manufacturer.

9. **Acceptance or rejection of quotation:-**

As per PPRA Rule 33, the procuring agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The procuring agency shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals, but is not required to justify those grounds.

TECHNICAL SPECIFICATIONS

1. LED Road lighting fixtures

The contractor shall furnish and install the complete 180 watt & 70 watt LED Road Lighting fixtures as per wattages indicated in Quotation form and specification described herein.

SPECIFICATIONS FOR LED STREET LIGHTS

S. #	Characteristics	CBC Specification	Bidders Quoted Offer
1	Make	Manufacturer (Original)	
2	Model/Catalog	To be specified by the bidder	
3	Power Consumption	180 watts	
		70 watts	
4	Operating Voltage	220 ~ 230 V AC	
5	Operating Frequency	50 Hz	
6	Fixture Power Efficiency	≥ 90%	
7	Power Factor	≥ 0.90	
8	Luminous flux	≥19000 +/- 5%	
9	Light Fixture Efficiency	> Lm/watt 150	
10	Color Rendering Index	≥ 80 +/- 10	
11	Optics Type	Long Type For roads (M1 to M3) UV protection highest light transmission (94%) +/- 01%	
12	Mounting Bracket	Include	
13	Operating Temperature	0 C to 50 C	
14	Color Temperature	5700 K to 6500 K	

15	Surge Suppression	10 KV	
16	Weight	To be specified by the bidder	
17	Dimensions	To be specified by the bidder	
18	Life span	> 100000 Hours	
19	IP Rating	IP 66	
20	Ventilation	Forced/Natural ventilation/conductive	
21	Make of LED (Source)	Philips Cree Nichia Osram Or equivalent	
22	Product Origin	To be specified by the bidder	
23	Certification/ CE Mark	CE/ESNA/ASTM	
24	Warranty	5 years	
25	Housing	Aluminum die cast	
26	Housing Color	Silver/white/Grey	

2. International Independent Laboratories.

Manufacturer testing reports of complete fixture & fixture detail be provided by International Accreditation Forum

3. Ineligibility:-

1. Blacklisted firm by any Govt / semi Govt / Autonomous bodies or having poor performance record.
2. Firms providing false. Materially inaccurate or incomplete information and involved in litigation with Govt / semi Govt / Autonomous bodies

Note:-

A sample of LED light shall also be provided with complete catalogue along with technical proposal for evaluation.

Cantonment Executive Officer
Cantonment Board Clifton

TECHNICAL BID EVALUATION CRITERIA

(Installation of LED Street Lights)

I. Detail of project / General Experience

Sr. No.	Description	Marks Assigned	Explanation for Marks Obtained
	Technical Specification		To meet the Technical Specifications is mandatory as provided in the Tender Documents.
a)	Projects of similar nature Completed in last 5 years.	20	<ul style="list-style-type: none">• 20 Marks are given if the contractor has completed at least 10 projects of similar nature in last 5 years.• 14 Marks are given if the contractor has completed at least 7 projects of similar nature in last 5 years.• 2 Marks are given if the contractor has completed at least 1 projects of similar nature in last 5 years.
b)	Projects of similar nature in-hand during last 5 years.	20	<ul style="list-style-type: none">• 20 Marks are given if the contractor has completed at least 10 projects of similar nature in last 5 years.• 14 Marks are given if the contractor has completed at least 7 projects of similar nature in last 5 years.• 2 Marks are given if the contractor has completed at least 1 projects of similar nature in last 5 years.
Total Marks Allocated			40

II Financial Statement

Sr. No.	Description	Marks Assigned	Criteria for Marks Obtained
a)	Bank statement for last 3 years	20	Credit <ul style="list-style-type: none">• 100 M – 200 M - 9 Marks• 201 M – 300 M - 11 Marks• 301 M – 400 M - 15 Marks• Above 400 M full marks
b)	Registration with income tax department and tax paid during the last 3 years for the projects	5	<ul style="list-style-type: none">• No points will be given if income tax certificate is not attached and 5 points will be added in case of valid certificate.
c)	Litigation History in which Decision has been given against the firm(s)	10	<ul style="list-style-type: none">• In case the firm is involved in any litigation, no marks will be given and 10 points will be added in case affidavit of no litigation is attached.
d)	Blacklisting from any agency	10	<ul style="list-style-type: none">• In case the firm is blacklisted, no Marks will be given and 10 points will be added in case affidavit by the company that it has not been black listed is attached.
Total Marks Allocated			45

III Technical Staff

Requirement of Employer/User will be varied from Project to Project. However following factors may be used as a guideline:

Sr. No.	Description	Marks Assigned	Explanation for Marks Obtained
i)	B.Sc Engineers registered with Pakistan Engineering Council (PEC)	9	<p><u>Experience (3-Marks) :</u></p> <ul style="list-style-type: none"> • 3 Marks will be given if the individual experience of at least 4 no. of B.Sc Engineers (professional) is equal to 15 years or above. • For less than 4 no of B.Sc Engineers having individual experience of 15 years, marks will be given as per following formulas: = (A/4) * 3 A = No. of Engineers having individual experience of 15 years or above. <p><u>Strength of Engineers (6 Marks)</u></p> <ul style="list-style-type: none"> • 6 Marks will be given if the total no. of Engineers registered with PEC are 15 nos. or above. • For less than 15 no of B.Sc Engineers registered with PEC marks will be given as per following formulas: = (A/15) * 6 A = No. of Engineers
ii)	Associates Engineers (DAE) (Electrical)	6	<p><u>Experience (2-Marks) :</u></p> <ul style="list-style-type: none"> • 2 Marks will be given if the individual experience of at least 8 no. of Associates Engineers (DAE) is equal to 10 years or above. • For less than 8 no of Associates Engineers (DAE) having individual experience of 10 years, marks will be given as per following formulas: = (A/8) * 2 A = No. of DAE Engineers. <p><u>Strength of Associate Engineers (4 Marks)</u></p> <ul style="list-style-type: none"> • 4 Marks will be given if the total no. of Associate Engineers (DAE) are 20 nos. or above. • For less than 20 no of Associate Engineers marks will be given as per following formulas: = (A/20) * 4 A = No. of Associate Engineers
Total Marks Allocated		15	

GENERAL CONDITIONS OF CONTRACT AGREEMENT

1. That the work shall be carried out strictly in accordance with the specifications laid down in MES Schedule, sanction estimates and plans/drawings in the most substantial and workman like manner. If through the use of material not in accordance with the MES specifications given apparent in the work at site the Executive Officer or Chief /Senior Cantt Engineer shall at any time at short notice to the contractor, demolish, remove or make good the defective work at the risk and cost of the contractor. And further that if after the certificate of completion has been given the contractor shall make good within six months of the completion of work the defective work or the CEO shall be at liberty to remove the defects at the risk and cost of the contractor. The amount so incurred on the work shall be recoverable from the security of the contractor held by the Board.
2. The work shall be completed within the period given in the work order. The work throughout the specified period shall be executed with due diligence during the currency of the contract. If the time is not extended by the Cantt Executive Officer then the contractor shall pay as compensation to the Board 2% of estimated cost for every day the work remains unfinished after specified date give in the work order. The time limit is the essence of the contract.
3. The Scope of work may increase or decrease from the tender amount as per Budget provisions or requirement of work during Financial Year.
4. That if the contractor desires are extension in the time limit for completion of the work on the grounds which are unavoidable and beyond the control of the contractor, he shall apply in writing to the Cantonment Executive Officer, before the date of expiry of the time limit of work, stating reasons, and the Cantonment Executive Officer, may extend the time, whose decision shall be final.
5. That if the contractor fails to execute and complete the work within the period allowed to him or within the extended period, the Board shall have the right to get the work executed from any other agency at the risk and cost of the contractor and recover the extra cost so incurred from the security or otherwise / no work shall be carried out on holidays except with prior permission in writing of the Cantt Executive Officer.
6. The Cantt Executive Officer shall have power to make any alteration or addition to the original specifications that may appear to him necessary or advisable during the progress of the work and the contractor shall be bound to carry out the same in accordance with the instructions which will be given to him in writing, by the Cantt Executive Officer. It shall be also lawful for the Cantt Executive Officer to get any of the constriction work executed departmentally where it seems necessary.
7. That the work shall be carried out in accordance with the estimates and plans. Any variation which becomes necessary either on account of plan or design of the work or for any other reason the Cantt Executive Officer shall be competent to order the execution of such variations and these shall be paid for at the approved rates.

8. The contractor shall not assign or sublet the contract without the prior permission, in writing, of the Board. If he does so, he shall be liable to lose the contract as well as security at the discretion of the Board and he shall pay the additional expenses incurred in getting the work completed.
9. That the contractor shall together with his tender application earnest money equal to 2% (two percent) of the total estimated cost of the work in the shape of pay-order or deposit call of an approved schedule bank of Pakistan in favour of Cantt Executive Officer. The deposit at call will be retained by Cantt Board and applied towards the damages suffered by Cantt Board if the contractor should default in commencing of the work under the contract within seven days from the date of execution of contract agreement.
10. Where it is discovered that any overpayment has been made to the contractor in respect of any work done by him or allowed to him under this contract, such overpayment shall be recovered by the Cantonment Executive Officer from the contractor by deduction from any bill of the contractor.
11. The contractor shall indemnify the Board, its officer and all servants against all claim, in respect of any injury or damage arising out of or in connection with the execution of this contract to any person or property.
12. At any time during the execution of the contract, if the work of the contractor is found unsatisfactory and not in accordance with the specifications, the Board shall be competent to get the defects removed through some other agency at the risk and cost of the contractor besides this the Board shall also be competent to get the unexecuted work done through other agency at the risk and cost of the contractor. Any extra expense that may be incurred under this clause, may be recovered from the contractor / from his security deposit or from any other sum that may then or at any time be due to the contractor / or from his property as arrears of land revenue.
13. If the contractor abandons the work or keeps it suspended for a period exceeding fifteen days consecutively for the reasons which are not beyond his control, the Board shall have the right to determine the work after serving seven days' notice and get the remaining work completed / executed through any other agency at the risk and cost of the contractor.
14. The contractor shall be responsible for compensation to his workman under workmen's compensation Act.
15. The approved rates for the original works of roads, buildings, sewerage, water supply and electric etc. will remain valid till the completion of the respective works and the contractor shall not be entitled to claim any escalation for the subject work.
16. The security equal to 5% of the work done will be deducted from the final bill which will be kept for 12 months from the date of final payment or after audit of respective work which ever is later for meeting the expenditure in case any defect arises in the work and the contractor fails to rectify it.

17. In case of failure to execute the project as per approved specifications, the contractor will be liable for penalty of minimum 2% of the estimated cost of the project. Further a notice will be served to contractor giving suitable time to complete the project.
18. If the contractor fails to complete the work, as per estimates & specifications, within stipulated time or extended interval, the CEO shall serve 02x notices to the contractor for completion of the work. in case of persistent non-compliance, 3rd & final notice shall be served where-in the contractor shall also be given an opportunity to be heard in person as envisaged in Rule (19) of the PPRA Rules 2004, to know their point of view regarding failure to commence / complete the project. In case of unsatisfactory reply the case for black listing shall be referred to the Board.

**Executive Officer
Cantonment Board Clifton**

“I / we accepted the above mentioned conditions of tender and contract agreement and will abide by all for them in case my tender is accepted by Board”

Name of Contractor _____

Signature of the Contractor.