

**Notice Inviting EOI for“Survey, Design,Supply, Installation, Testing,
Commissioning, Operation and Maintenance (Five years) of LED
Luminairesfor Arun Jaitley Stadium, DDCA”**

Notice inviting **Expression Of Interest** for Supply, Installation, Testing, Commissioning, Operation and Maintenance (minimum Five years) of LED Luminaires for Arun Jaitley Stadium, DDCA for (details whereof are set out in Annexure A to this notice) herein after referred to as “the Work” at Arun Jaitley Stadium of the Delhi & District Cricket Association (DDCA) from reputed firms/agencies/companies/contractor having valid licenses, sanctions (if applicable) and having experience in the field of above-mentioned work. The EOI shall be subject to terms and conditions as mentioned in Annexure and such other terms and conditions as DDCA may specify in the work order or otherwise for timely before supply and for material of requisite quality standards. The Work must be completed in all respect within 60 days.

Sealed bids duly filled form/details may be submitted by 2.00 P.M on 11th January 2021 in an envelope containing EOIs SUPERSCRIPED with the name of item is to be addressed to Tender and Purchase Committee, Delhi & District Cricket Association, Arun Jaitley Stadium New Delhi-110002 should be dropped in a box kept at the reception of DDCA during office hours 10 A.M TO 05 P.M.

DDCA reserves the right to accept or reject any/all EOIs without assigning any reason whatsoever.

Tender and Purchase Committee
Delhi & District Cricket Association,
Arun Jaitley Stadium,
New Delhi-110002

EOINo.
Date: -04/01/2021

Delhi

Notice Inviting EOI

Delhi & District Cricket Association (DDCA), intends to invite Expression Of Interest for “**Survey, Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance (Five years) of LED Luminaires for Arun Jaitley Stadium, DDCA, Delhi**”

Interested bidders may submit their proposals as per below schedules -

S.No.	Particulars	Amount/ Date & Time
1	EOI Start Date	04/01/2021
2	EOI End Date	11/01/2021 upto 14:00 hrs
3	Financial and Technical Bid Submission End Date (Physical Only)	11/01/2021 upto 14:00 hrs
4	Technical Bid opening	To be notified
5	Financial Bid opening	To be notified

Note: In case of any mismatch in key dates, key dates showing on DDCA website shall be final. Further details. Any Corrigendum or amendments, if any, shall be uploaded on this website only.

Tender and Purchase Committee
Delhi & District Cricket Association,
Arun Jaitley Stadium New Delhi-110002

Particulars of Bidder Submitting EOI

REQUIRED INFORMATION		
1	Name of the Company/Firm and complete registered address	
2	Legal Status ((Individual / proprietor, partnership firm, limited company, corporation, cooperative society, private limited company etc)	
3	Name of the contact person, Designation, Telephone No., Fax No., E-mail id	
4	Year of commencement of Business	
Statutory Details (Photocopy duly signed to be attached)		
6	Registration details of the Firm	
	PAN	
	GST Registration No.	
	Name & address of Bankers along with current Account Details	
	Has your company/firm ever changed its name in the past? If so, when & the earlier name and the reason therefore?	

DECLARATION

The particulars furnished above are true to the best of my/our knowledge and belief & no material fact has been concealed therein and I/We understand that concealment of material facts shall entitle the DDCA to take penal action including blacklisting/debarring the applicant from submitting any EOI, bid to the DDCA for a period extending up to 5years.

I /We shall not withdraw the rates quoted by me/us for the work for **06 months** from the date of furnishing this EOI. I understand that the rates finally settled between me and DDCA shall be firm and shall not be subject to change. In the event of Work being awarded to me/us and in case of failure to execute the Work, the DDCA shall be entitled to forfeit the earnest money deposited by me/us.

(Signature of Bidder)

Name (In full) & Legal status i.e. Whether Proprietorship,
Partnership, Company, Registered Society, HUF
(Affix rubber stamp in case of Firm, Company and Society)

INFORMATION

This document describes the project requirement and conditions. It clearly sets out the selection criteria and process.

1. Background context and DDCA's Vision: Delhi & District Cricket Association (DDCA) invites expression of interest from reputed Bidder/bidders to undertake project preparation from conceptualization to implementation.
2. Objectives of EOI: DDCA's objective in inviting EOI for Survey, Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance (minimum Five years) of LED Luminaires for Arun Jaitley Stadium, DDCA is to select and appoint a Bidder, based on merit only, through proper process and selection criteria set out below. A panel of Experts / Committee shall be formed by DDCA to oversee the selection process.
3. Basic needs and spatial requirements for proposed work: Scope of work includes task with Lighting Infrastructure upgrade for premises through Energy Efficient LED Lighting.

1- Scope of Works-

Survey, Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance (minimum Five years) of LED Luminaires for Arun Jaitley Stadium, DDCA :

1. Cricket Pitch and Field illumination as per ICC and BCCI Standards with DMX Controls
2. Practice Pitch Lighting with state of art new generation controls

2-Role of Bidders:

It is envisaged that bidder who is well conversant with the latest technologies/design/electrical engineering and market trends will be responsible for designing and operating the entire project as per prevailing Government / BCCI/ICC Latest Norms. The bidder would also be responsible for operation & maintenance of the entire scope of work of proposed installations Luminaires within the prescribed period, as decided by DDCA at the time of final submission of BID.

Design, Lighting Technologies, and Performance Standards: In view of Sports Lighting significance and importance, the project will have to meet certain benchmark design, technologies, and performance & safety standards. Though these will be applicable during the implementation stage of the project

after the selection of the Bidder, the shortlist below is indicative of DDCA's vision for the project:

- a) Design
- b) Feasibility, sustainability
- c) Safety & Accessibility
- d) Code compliance - Government / BCCI/ICC Latest Norms, design codes, NBC & Other relevant IS Codes if any.

3. Selection Process and Criteria:

DDCA aims to select a Bidder with a proven track record in providing high quality professional services to DDCA. The Bidder should have a portfolio of similar, successfully completed projects, demonstrating an ability to advise clients, understand their requirements and seeing the projects as from design to completion. The selection process will focus on projects that illustrate ability to design and execute professional sports illuminations. The selection process will lay emphasis on diverse capacities of the bidder and importance will also be given to the reputation and standing of the bidder within both commercial and professional domains.

The process for the selection for the Bidder/Bidders will be in two stages:

Stage 1 –Submission of Technical Bid:

The first envelope shall contain the **Technical bid**. The technical bid shall be submitted along with Earnest Money Deposit (EMD) of Rs 2.00 lakh in the form of Demand Draft favouring Delhi & District Cricket Association, payable at New Delhi.

All Bidders shall submit their "Eligibility and Technical Specifications" based on criteria for "Stage-1" stipulated and in the prescribed formats mentioned in the evaluation criteria. The Technical submissions shall be evaluated by the panel of experts / committee and after evaluation, bidders shall be qualified.

Stage 2 – Submission of Financial Bid:

The second envelope shall contain the financial and commercial terms and shall be super-scribed as 'Financial Bid'.

However, Financial Bids of only those bidders shortlisted in "Stage 1" shall be opened by DDCA.

Both the envelopes shall be kept in a bigger envelope which shall be super-scribed as **"Survey, Design, Supply, Installation, Testing, Commissioning, Operation and**

Maintenance minimum (Five years) of LED Luminaires for Arun Jaitley Stadium, DDCA, Delhi”and addressed to the Tender and Purchase Committee, Delhi and District Cricket Association, Ferozeshah Kotla Ground, New Delhi – 110002.

DDCA reserves the right to reject any or all the bids without assigning any reason therefor.

Eligibility Criteria

The applicant / bidder must fulfil the following eligibility criteria:

- a) The bidder to submit the authorization letter from Original Equipment Manufacturer (OEM) with EOI number and undertaking the responsibility for design support, aiming and commissioning of sports lighting systems and its performance. The OEM should also provide a warranty against manufacturing defects for a period of 5 years from date of invoice. (MAF needs to be submitted)
- b) Bidder should have average annual financial turnover during the last 3 Financial years, ending 31st March of the financial year to be not less than Rs8Cr.

Evaluation Criteria

A. Technical Evaluation

S. No.	Criteria	Parameters	Marks	Documents to be submitted	Total Marks
1	OEM should have own/dedicated vendor manufacturing facility for <u>LED fixtures</u> in India which should be functional for last 5 years and should have dedicated team for after sales and service support.	= 5 years	05	Necessary Declaration Documents as proof for the above will have to be submitted by OEM.	10
		>5 years <7 years	08		
		>= 7 years	10		
2	OEM / Bidder should have executed & commissioned works of Sports / Stadium Lighting in India during the last 10 years.	= 1 Stadium	02	Completion / Performance certificate	10
		= 2 Stadiums	04		
		= 3 Stadiums	06		
		= 4 Stadiums	08		
		= 5 Stadiums	10		

3	OEM / Bidder should have executed & commissioned works of <u>Cricket Stadium Lighting using *LED Flood Light fixtures</u> only in India during the last 5 years. (Value of each stadium should be at least 7 Cr INR) *Non-LED fixtures like Metal Halide / Halogen / Conventional or any other shall not be considered.	= 1 stadium >= 2 stadiums >= 2 stadiums (including a designated <u>International Cricket Stadium</u> in India)	10 20 35	Completion / Performance certificate	35
4	OEM / Bidder should have NABL accredited Test Laboratory in India with capability to check all LM79 photometric parameters		5	Valid NABL Certificate	5
5	Survey report and Detailed Lighting Design, of the following areas shall be submitted; and it shall be evaluated by evaluation committee of DDCA: a. Cricket Pitch and Field illumination as per ICC and BCCI Standards with DMX Controls b. Practice Pitch Lighting with state of art new generation controls Assessment of electrical, mechanical and photometric parameters of the luminaire shall also be considered by evaluation committee.			Survey Report, Detailed Lighting Design, Independent NABL /International LM 79, IEC 60598 Test Reports of the lighting product, BIS Certificate of Light and DMX Controller, Schedule of Quantities etc.	30
TOTAL MARKS					90

Note: Those who secure less than 45 marks out of 90 marks against Sl. No. 1 to 5 above shall not be considered for opening of financial bid.

Stage 1 –Submission of Technical Bid: Technical Specifications

PART A- The LED Floodlights for Cricket Pitch and Field illumination as per ICCStandards with DMX Controls for different playing levels(International/National etc) shall comply to following technical & functional specifications:

- 1- The High-Power LED Floodlight shall be made of 100% recyclable single piece high pressure die cast non-corrosive aluminum housing should be IP66 & IK 08 suitable for driver unit having in built DMX-RDM protocol for easy integration with external lighting dynamic control. Solution comprising of multiple lower wattage Luminaire mounted/clubbed together shall not be accepted.
- 2- The High-power LED Floodlight luminaire shall have CRI >90 and CCT> 5500K (tolerances on CCT: +/- as per ANSI C78:377A) with TLCI shall be 90 or more & should be flicker free <1% performance meeting the HDTV Broadcast standard for professional sports and UEFA Requirements.
- 3- The System Efficacy shall be typical 100lumen/watt with CRI >90, higher system efficacy is acceptable but without compromising CRI.
- 4- The light source used shall be reliable high-power LED Chip should be >3W<=5W of reputed makes like Lumileds/Cree/Osram/Nichia having SDCM (Mac Adam ellipse): < 5.
- 5- The optical cover shall be made of polycarbonate lens plate.
- 6- The floodlights and external driver unit shall Comply to Class I electrical insulation class, IP66 degree of ingress protection without using glue, impact resistance of IK08.
- 7- Driver unit should be suitable for 230V/50 Hz (mains supply voltage fluctuations -/+ 10%). Inrush current 20 A during 160 μ s at 230 V mains. The power factor shall be > 0.95 at full power. Internal surge protection of minimum 10KV must for all floodlights.
- 8- The driver shall have Over Temperature, Under Voltage / Short Circuit, Over Voltage / Open Circuit & Output failure protections, with an Efficiency of >90%.
- 9- Luminaire connections should be through toolless openings for easy installation & maintenance purpose.

- 10- The driver must have control interface compatible with DMX-RDM protocol and shall have suitable RJ45 ports in electrical compartment of the driver box for integration with Dynamic Lighting Control Systems and 3rd Party A-V Systems.
- 11- The LED Floodlight Luminaire' life class /lumen maintenance L80B50: 50,000 h tested at 25°C
- 12- The Driver must have design lifetime of 50000 hours at operation temperature range at 40°C Ta.
- 13- The luminaire shall be suitable for outdoor application, mounting on mast head frame, catwalk, walls, canopy structures etc. with the help of a sturdy U-shaped mounting bracket, it shall have slot/s to temporarily affix a precision aiming device for proper rotation and tilt aiming according to approved lighting plan.
- 14- Following document needs to be submitted along with the bid:
- BIS Certificate for:
 - Luminaire
 - DMX Driver
 - IEC 60598 third party certificate for the luminaire.
 - Third Party Photo biological Report
 - Third Party LM79 from NABL approved lab/ certified international lab.
- 15- All plastic parts, cables used etc shall be preferably UV protected.
- 16- The driver shall have separate cable gland suitable for DMX cable entry and outgoing.
- 17- DMX Controls shall be used for -**
- a. The right quality of light-improving visibility and safety during sports
 - b. Flexibility of field illuminations as many configurations is possible
 - c. Reducing light pollution by better optics and dimming to the right level
 - d. Energy efficiency, saving on energy costs and promoting the green credentials of your sports club
 - e. Better returns on investment with better value beyond pitch lighting illumination Low maintenance costs due to the long lifetime of LED lighting
 - f. Meets requirements of international, commercial leagues and national sports federations for different lighting classes
 - g. Intuitive, secured and simple control devices that anyone can operate and can be used next to each other: buttons, webpage

- h. Remote support and Remote access to system parameters to conduct system condition checks
- i. System designer of a site is challenged to create a great system with many options based on the existing installation
- j. External connection possible with light console (neo/grandma, both fixed and temporarily placed)
- k. Moving heads are part of the proposition and can be optionally offered
- l. Also, other entertainment lighting is possible.
- m. Full integration with other architectural lights for façade and roof
- n. Pharos controllers enable robust control scenes, upgradability, and system integration
- o. UEFA/Other relevant sports specifications ready
- p. Ethernet backbone robust and stable
- q. Optimized for cost, weight, size, and performance
- r. Energy efficient, promotes green credentials of the sports club

Stage 2 – Submission of Financial Bid:

Bidders shortlisted in “Stage 1” shall also be required to submit their financial bid along with detailed BOQ as per the process decided by DDCA.

Marks will be given to contractors as per their financial bids. The criterion for marking is as follows:

The bidder who will quote the lowest rates shall be given 10 Marks.

Other bidders will be given marks based on the mathematical interpolation according to their quoted rates.

Note:

The final selection will be based on QCBS i.e. Quality & Cost Based Selection.

The lowest Financial bid (Fm) will be given a financial score (Sf) of 100 points. The financial scores (Sf) of the other Financial Bids will be determined using the following formula:

$$Sf = 100 \times Fm/F$$

In which Sf is the financial score, Fm is the lowest Financial Bid, and F is the Financial Bid under consideration.

Bids will finally be ranked in accordance with their combined technical (St) and financial (Sf) scores:

$$S = St + Sf \times Fw$$

Where S is the combined score, and Fwis weight assigned to Financial Bid that will be = 0.10.

The bidder achieving the highest combined technical and financial score will be considered to be successful applicant and shall be considered for award of contract.

Format for Financial Bid

To,

Date:

The Administrator

Delhi & District Cricket Association,
Arun Jaitley Stadium,
New Delhi-110002

Sub: Financial Bid for Survey, Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance (Five years) of LED Luminaires for Arun Jaitley Stadium, DDCA

Sr.No.	Scope of work	Bid Value in INR (Including All Taxes)
1	Survey, Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance (minimum Five years) of LED Luminaires for Arun Jaitley Stadium, DDCA-Cricket Pitch and Field illumination as per ICC Standards with DMX Controls and Practice Pitch Lighting with controls.	

(Signature of Bidder)

Name (In full) & Legal status i.e. Whether Proprietorship,
Partnership, Company, Registered Society, HUF
(Affix rubber stamp in case of Firm, Company and Society)

Annexure -A

Terms and Conditions

- The party submitting the EOI in reference to the notice inviting EOI whether it be a Proprietor / Individual, Partnership firm, Company, Society shall be, hereinafter referred as “the Vendor” and the Delhi & District Cricket Association shall be known as “DDCA”.
- Incomplete Documents will be rejected.
- Bidder must not be a blacklisted by any Govt. / PSU or any other governing authority, an undertaking to this effect to be submitted along with EOI.
- Bidder should be registered with GST Deptt.
- Unless specified otherwise the price quoted should include all transportation, loading/unloading cost and all levies, taxes and duties, but excluding to GST. The price quoted and agreed in the Work Order for the successful Bidder shall remain firm for the Work.
- The Bidder will submit earnest money of Rs.2,00,000.00; (Rupees Two lakh only) along with EOI. The earnest Money to all the unsuccessful Vendors shall be refunded within a month from the date of issue of work order to the successful Vendor.
- The Bidder must visit/examine the site and its surroundings on any working day by prior appointment for the proper assessment of work before submitting the EOI. No claim later on any account shall be entertained.
- The material to be used in execution of works shall be of the make as specified in EOI document and DDCA has the right to insist for genuineness and authenticity of work to be done at the site.
- The Bidder shall not assign the Contract any portion of the contract. In case of breach of this condition, DDCA shall issue a notice in writing to the Bidder rescinding the contract where upon the security deposit shall stand forfeited by DDCA without prejudice to the other remedies of DDCA against the vendor. The determination by DDCA that the contract has been sublet shall be final and will not be called in question
- TDS and or any other taxes as applicable will be deducted from the bill of the Bidder at the prevailing rate as per applicable Statutory Provisions and the Rules framed there under.

- The entire work shall be completed in accordance to the coordination with DDCA within their stipulated timeframes. However, the Bidder may request for extension of time if the reasons are genuine. Such extension of time may be granted by DDCA at its sole discretion.
- The successful Bidder shall indemnify and keep DDCA indemnified against all losses and / or claims for loss of property, loss of life and / or injury to any person that may be occasioned by any act of omission and / or commission on the part of the successful Bidder or its servants, agents, employees, representatives etc. qua the Work order.
- The goods / services provided by the successful Bidder shall be of the best quality. In case of any defect / deficiency in goods / services constituting the Work or in case of the Work is not of quality acceptable to DDCA, then without prejudice to any other right of DDCA, the amount payable to the successful Bidder shall be appropriately; deducted.
- The bidder / OEM / Subcontractor should have a valid ESIC
- It will be the responsibility of the successful Bidder to obtain work completion reports from the designated DDCA officials. The Architect / Designer of the project shall approve all payments of the contractor. In the absence of the approval, no payment shall be released.
- The successful Bidder shall be responsible for execution of work at the DDCA Stadium.
- The Successful Bidder to whom work order is issued shall abide by the instructions as may be issued to it by the Department-in-Charge from time to time.
- DDCA has right to increase / decrease the work quantity by 25% in consolidation with the project Architect / Designer.
- Material is received shall be consumed for installation only after the same is verified by the architect / DDCA representative & issued for consumption after all the formality is completed by department.
- The successful Bidder has to sign the agreement.

- Running bills shall be paid on weekly basis after verification / approval from the designated DDCA official and Architect / Designer. All payment shall be made within a week's time of submission of the approved running bill through electronic mode of transfer.
- Force Majeure shall mean and be limited to the followings:
 - Any war or hostilities,
 - Any riot or civil commotion,
 - Strikes lasting for more than 10 days.
 - Any earthquake, flood, tempest, lightening or other natural physical disaster, impossibility of the use of any Railway, Airport, shipping Services or other means of transport.
- During the period of Force Majeure the respective rights and obligation of the parties shall remain suspended. DDCA shall have the sole and exclusive right to determine whether force majeure event has occurred and the period of continuance thereof.
- If at any time, any question, dispute or difference arises between the DDCA and the successful Bidder under/or in connection with the contract, either party shall as soon as reasonably practicable give to the other notice in writing of the existence of such question/dispute or difference specifying its nature and the point of issue and the same shall be referred for arbitration of sole arbitrator to be appointed by DDCA and the decision of such arbitrator shall be binding on both the parties i.e. DDCA and the successful Vendor. Execution/Performance of the Work shall continue during the arbitration and any subsequent proceedings. Arbitration proceedings are not required to be resorted to for termination of the Quotation.
- The venue of arbitration shall be Delhi.
- The Language of arbitration proceedings shall be English.
- The Law governing rights and obligations of the parties shall be the Indian Law of Contract.
- DDCA reserves the right to cancel or reject any or all the quotations without assigning any reason whatsoever.

- The Prospective Bidder shall furnish its quotation in the format as set out in EOI document.
- Termination of Contract - During the currency of the agreement between DDCA and the successful Vendor, the DDCA shall have the right to terminate the agreement if it is not satisfied with the performance of the Bidder by giving it minimum 3 days' notice in writing. For this purpose, the DDCA shall be the sole Judge to decide whether the performance of the Bidder is satisfactory or not and such decision of the DDCA shall be final, conclusive and binding on the Bidder and the Bidder shall not be entitled to any compensation in that regard.
- The Applicant should not be member of DDCA.

(Signature of Vendor)

Name (In full) & Legal status

i.e. whether Proprietorship, Partnership, Company, Registered Society, HUF. (Affix rubber stamp in case of Firm, Company and Society)