

## INDEX

**Name of work: - “Conceptualize, Plan, Design, Supply, Installation, Testing and Commissioning of New Passenger Lifts for General stands, NCH, Service Lifts including Shaft Construction and Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system at Arun Jaitley Stadium New Delhi “**

<b>Sl. No.</b>	<b>Title</b>	<b>Page Nos.</b>
1	Index	1
2	Blank Page	2
3	Notice inviting Bids	3
4	RFP	4 to 25
5	Annexure-A (Acceptable Makes of Materials)	26
6	APPENDIX-I (Site visit certificate)	27
7	APPENDIX -2 Manufacturers' Authorization Certificate from OEM mentioned at Sr no 2 in Approved Make List Page 26 of RFP on their letter head	28
8	Annexure-B (Price Bid Performa)	29-30
9	Form-1 (BANKERS SOLVANCY CERTIFICATE)	31
10	Form-2(FINANCIAL INFORMATION)	32

**Approved by**

Tender & Purchase Committee, DDCA

DDCA  
Notice Inviting Tenders/Press Notice

Delhi & District Cricket Association (DDCA) invites sealed request for proposal (RFP) from eligible contractors who qualify the Eligibility criteria, for the work of **“Conceptualize, Plan, Design, Supply, Installation, Testing and Commissioning of New Passenger Lifts for General stands,NCH with Lift shaft and Service Lifts at NCH & OCH with Lift shaft as per prescribed standards at Arun Jaitley Stadium New**

EMD:**Rs. 10 Lac** | Time allowed for completion of work: **160 days**. Last time and date of submission of bid: Upto **3:00 PM** on 20/05/2024. The Bid forms and other details can

**NOTICE INVITING BIDS**

**Name of Work: - “Conceptualize, Plan, Design, Supply, Installation, Testing and Commissioning of New Passenger Lifts for General stands, NCH, Service Lifts including Shaft Construction and Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system at Arun Jaitley Stadium New Delhi “**

**Earnest Money : Rs 10,00,000/-**

**Time Allowed : 160 Days**

Certified that this Tender Document contains 31 pages as numbered in chronological order (Excluding File Cover)

(Signature)  
Tender & Purchase Committee, DDCA

**DELHI DISTRICT CRICKET ASSOCIATION  
ARUN JAITLEY STADIUM, NEW DELHI-110002**

**1. INVITATION FOR REQUEST FOR PROPOSAL(RFP)**

Delhi & District Cricket Association (DDCA) invites sealed request for proposal (RFP) from reputed Eligible Contractors for **“Conceptualize, Plan, Design, Supply, Installation, Testing and Commissioning of New Passenger Lifts for General stands, NCH, Service Lifts including Shaft Construction and Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system at Arun Jaitley Stadium New Delhi “**

This in to ensure better quality, easy approach experience & Facility for spectators as per prescribed standards in View of Upcoming International Matches.

All bids must conform to the guidelines set out in the RFP.

The RFP is invited in two bid system from OEM competent company / Firm / Agency, who satisfy the eligibility criteria enumerated in the tender document (RFP). Interested Agencies may download the tender documents from the DDCA website [https://ddca.in/ddca- document/tender](https://ddca.in/ddca-document/tender).

The request for proposal (RFP) is being called to assess and approve the proposed ‘Concept, design and specifications’ submitted by the applicants. After assessment of the proposal by the competent authority / selection committee, Price Bid of only the approved bidders shall be opened and the work will be awarded as per suitable conditions.

Last date for submission of RFP 22/05/2024 Up to 15.00 sealed envelope marked to the captioned address containing RFP may be dropped in drop box specially kept for subject RFP mentioning **“Request for Proposal (RFP) for “Conceptualize, Plan, Design, Supply, Installation, Testing and Commissioning of New Passenger Lifts for General stands, NCH, Service Lifts including Shaft Construction and Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system at Arun Jaitley Stadium New Delhi “**

On the top cover at following address:

**Delhi & District Cricket Association (DDCA)  
Arun Jaitley Stadium  
Feroz Shah Kotla Ground, New  
Delhi-110002**

**EMD:** Rs. 10,00,000/- by way of a **demand draft** from a nationalized or scheduled bank in favor of DDCA Arun Jaitley Stadium, New Delhi.

Sl. No.	Description	Date	Time
1.	Tender Document Publishing Date	12/05/2024	11.00
2.	Document Download Start Date	12/05/2024	11.00
3.	Bid Submission Start Date	12/05/2024	11.00
4.	Bid Submission End date	22/05/2024	15.00
5.	Bid Opening Date	22/05/2024	16.00

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

## 2. Background

- a) Arun Jaitley Stadium is an International Cricket Stadium affiliated to the BCCI.

There is a requirement to **“Conceptualize, Plan, Design, Supply, Installation, Testing and Commissioning of New Passenger Lifts for General stands, NCH, Service Lifts including Shaft Construction and Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system at Arun Jaitley Stadium New Delhi “**

“This in to ensure better quality, experience, easy approach and facilities” for spectators as per prescribed standards in View of Upcoming International Matches.

## 3. Aims and objectives

- a) Board of Control for Cricket in India (BCCI) is going to host the Various event being of international importance as it is not only live telecasted, but the sportspersons/players from India and different countries of the world will participate in the event in thus stadium apart from additional pressure of spectators who wish to witness the matches in the stadium. The spectators also include VIPs/VVIPs for such an international event of

world fame. DDCA is likely to host some of the matches of the International Level and IPL matches.

#### 4. Description of Work

**“Conceptualize, Plan, Design, Supply, Installation, Testing and Commissioning of New Passenger Lifts for General stands, NCH, Service Lifts including Shaft Construction and Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system at Arun Jaitley Stadium New Delhi “**

“This in to ensure better quality, easy approach and Facilities for spectators as per prescribed standards in View of Upcoming International and IPL matches.

#### 5. Basic Scope of work and services

The scope of work and services is broadly defined hereunder. However, it shall be unambiguous responsibility of the successful bidder to provide all that is necessary to complete the installation in all respects so as to meet the overall objective of the project, following prudent and established engineering practices, conforming to applicable standards / norms and as directed by the engineer-in charge / Consultant designated by DDCA.

- A. To conduct site survey before the submission of bids (Technical and commercial), collect essential and required data, understand the installation requirements and develop preliminary scheme, Plan, Design, SLD, BOQ etc. to achieve overall objective of the project in most optimum manner and with best engineering practices. The bidder must get **Appendix-1**, (Proof of site inspection prior to bid submission) duly signed by the project consultant / PMC, DDCA. **Appendix-2**, (Manufacturers' Authorization Certificate for Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system as per RFP para no (iii) sub para to d of E) DESIGN CRITERIA & SYSTEM REQUIREMENT of page no 7&8) Signed by OEM mentioned at Sr no 2 in Approved Make List Page 26 of RFP. The Appendix - 1 & 2 needs to be submitted along with the Technical Bid failing which the Bid shall be treated as incomplete and same shall be rejected without any further correspondence with the bidder.

Note: The bidder shall submit the details as above along with the technical part of LIFTS AND STRUCTURE both with the Bid which shall form the basis of technical evaluation of the proposal, bids submitted without these details shall be reckoned as non-responsive and summarily be rejected.

- B. Detailed project engineering for review and approval of engineer in charge / Consultant within specified period after the award of work, such as design, drawings (General arrangement, SLD, Schematics, etc.), Design calculations, technical submittals, Standard Product Technical Data Sheet (TDS) Of the Makes/Models Proposed, Layout and Arrangement detailing etc.

- C. Establishment of site office, deployment of resources and facilities.
- D. Five years operation during cricket matches & important events of DDCA and five years CAMC is also included in the scope of this RFP. The operation of the Lifts shall commence from the date of commissioning and handing over of the installation to DDCA and the CAMC shall commence after the warranty period is over.

**E. DESIGN CRITERIA & SYSTEM REQUIREMENT:**

The Passenger Lifts at General stands & NCH 10 nos. to cater the approx. 10,000 persons, and Service Lift 2 nos. required at Various Location (Passenger Lifts at New Club House, Wing-A and Wing- B Service Lift at New Club House) in DDCA for Arun Jaitley Stadium New Delhi for the cricket matches to ensure better quality, easy approach to seat and Comfort Facilities to the spectators.

**Brief Scope of work & Specifications for the bidder are as below:**

**THE LIFT ERECTION WORK SHALL BE CARRIED OUT BY LIFT OEM ONLY.**

- (i) Total Min. 12 Nos Lifts are to be considered. In which 10 nos. Lifts/elevators are Passenger at New Club House -01, Wing A- 05 nos. & Wing B-04 nos. Service Lift at New Club House-01 and Old Club House-01. With Construction of Lift well/shaft complete as required.
- (ii) Bidder should consider handling the capacity of Spectators at Wing - A, 7500 Spectators and Wing – B, 4500 Spectators in a desired time as per required specification.
- (iii) Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system:  
Bidder must ensure that the all the Lifts are control with centralize control room/Monitoring from where its operation, breakdown and other parameters can control and monitor, The controller shall be seamlessly integrated with existing ticketing system for Hassel free entry & through CCTV shall monitor the status of passengers as per technical nomenclature given below:
  - a. Supply Installation and Commissioning of Lift Controllers for Automated Access Control to various floors. The system shall comprise of real time syncing capability with the Ticketing Cloud. The output of Lift Controllers will be givento the relays having capability of giving signals of 5V/12V/24V which shall be integrated by the Lift OEM with their relevant inputs in the Lift Main control boards to operate the lift in the desired manner. AI Based to detect Anamoly in lift operations by setting Convolutional Neural Network using Smart Image Processing. The gateway modules for integration, alerting and alarming in case of unexpected events. The controllers shall come with the Software License for Controllers, Cloud Gateway, Web Server and API's for integration with Ticketing Cloud as per approved makes given on page 26 of RPF.
  - b. Supply, Installation and Commissioning of CCTV for the lifts providing feed to Image Frames to AI Based Controllers. The camera shall be Night vision IP Based 2MP with capability to detect human faces as per approved makes given on page 26 of RPF.

- c. Supply, Installation and Commissioning of QR cum Card Scanners for identification using multiple authentication methods to authorize the entry of staff/vendors/visitors etc. based on their ACL privileges; as per approved makes given on page 26 of RPF.
- d. Supply, Installation and Commissioning of GSM Modules for syncing the controller with the Ticketing Cloud and Web Server; as per approved makes given on page 26 of RPF.
- (iv) Installation, Testing & Commissioning should be as per Industry Standards, CPWD Specification, Electrical Inspector NCT of Delhi specification, Delhi Fire service and Delhi Lifts ACT.
- (v) Construction of Lift well shall be RCC (all 3 sides shall be RCC) as per manufacturers standard & approved structural designer duly approval of structural details by OEM of Lift manufacturer & shaft should be as per Industry Standards, CPWD Specification, MCD, Delhi Fire service and Government norms.
- (vi) Third party quality audit/assurance to be done from the authorized Labs / institutes for the quality check of the system installed.
- (vii) Any other item considered as necessary for the completion of the work and required for proper function of the installation including structure strengthen Earthing, Networking, power cables, Electrical Panels, fencing etc. as required all are in bidder scope.
- (viii) Documents to be furnished on completion of installation: All installation Manual/documents, operation and maintenance Manual, manufacturer warranty certificate, drawings showing the locations of the Lifts/elevators and its equipment's.
- (ix) All the items/materials required to complete the work should be included in BOQ. If any items required during execution of work within the scope of RFP even not mentioned in BOQ but the same shall have to be done without extra cost. However, in new requirement shall be done on prior approval of from DDCA.
- (x) Makes of Equipment's shall be filled up by the bidders in prescribed Annexure-A attached.

## 6. Evaluation criteria and method of evaluation (Selection process):

- a) DDCA has adopted a two-stage selection process (collectively the "Selection Process") for evaluating the proposal comprising of Pre-qualification-cum-technical Bid and Price bid. In first stage, Pre-qualification cum technical evaluation will be carried out as specified in clause 9 and 10. Incomplete applications shall be treated as 'non-responsive' and summarily rejected. Based on this Pre-qualification cum technical evaluation, the bidder who obtains aggregates of minimum marks as mentioned in clause 8 will qualify for secondstage. The decision of the selection committee/PMC shall be final and binding. In the second stage, Price Bids only of those Bidders will be opened and evaluated who qualifyfor the second stage.
- b) Price Bid shall be opened only of those bidders who fulfill the evaluation criteria and are technically qualified as per clause 8 by the evaluation committee for the second stage.
- c) **THE PARTIES /BIDDERS SHALL ENSURE THAT THE EMD, TECHNICAL BID AND THE PRICE BID ARE FURNISHED IN THREE SEPARATE AND INDEPENDENTS SEALED ENVELOPES, EACH ENVELOP DULY SUPERSCRIBED ON TOP OF IT AS**



**EMD, TECHNICAL BID, And PRICE BID RESPECTIVELY. ALL THE THESE ENVELOPES SHALL BE PUT IN A SINGLE BIG ENVELOPE. ANY VIOLATION SHALL RENDER THE BID LIABLE TO BE REJECTED.**

**7. CARE OF THE BUILDING**

Care shall be taken by the contractor while handling and installing the various equipment's and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste materials arising out of the installation from the site of work.

**8. DISQUALIFICATION FROM THE SELECTION PROCESS**

Bidders are liable to be disqualified, if they:

1. Make misleading or false representation, or deliberately suppress any information in the forms, statements and enclosures required to be submitted by them.
2. Have hidden the record of poor performance, such as being barred/blacklisted, abandoning projects, not completing the assigned projects properly, or of financial failure/weaknesses.
3. Resort to any unethical means, like attempting to influence the evaluation committee officials.
4. Non-submission of eligibility or technical documents as mandated in the RFP

**9. Eligibility Criteria: As under:**

Sl.	Criteria	Supporting Compliance Documents
i.	The applicant shall be a OEM/company/ firm/ partnership/proprietorship firm registered under Indian company Act 1956 /Partnership Act 1932 and have its registered office in India.	Company: Copy of Certificate of Incorporation. Partnership/Proprietorship: Partnership Deed.
ii.	The Applicant should have executed at least following similar works: One work of Passenger lifts in the last 5 years of value not less than Rs 12.8 Cr OR Two works of Passenger lifts in the last 5 years of value not less than Rs 9.6 Cr each OR Three works of Passenger lifts in the last 5 years of value not less than Rs 6.4 Cr OR CPWD registered composite contractor of class II or equivalent from any state Govt./	Completion Certificate issued by an office not below than rank of executiveEngineer / Project Manager / Director. Actual value of the similar executed work shall be increased at a simple rate of 7% per annumcalculated from the date of completionup to the date for RFP to bring the same to the current costing level.  Similar work means: Construction work including minimum 10

	Railways/MES or above.	passenger lift.
iii.	The applicant should have an average annual financial turnover of Rs 7 Crores during the immediate last three consecutive financial years OR CPWD registered composite contractor of class II or equivalent from any state Govt./ Railways/MES or above.	Turnover certificate from CA with UDIN Number in form-2 attached. The value of annual turnover figures shall be brought to current value by enhancing the actual turnover figures at simple rate of 7% per annum.
iv.	The firm /applicant should not be blacklisted by any central Govt/ state Govt/ PSU/ Govt Bodies	Self- declaration certificate needs to be enclosed.
v.	GST Registration Certificate	Copy of Certificate to be enclosed
vi.	The bidder should be registered with CPWD registered composite contractor of class II or equivalent from any state Govt./ Railways/MES or above. OR Specialized Agency duly authorized by OEM. The OEM must have their office or service Centre in Delhi/NCR since last 5 years	Copy of registration certificate OR OEM authorization and proof of existence of OEM's office or service center in Delhi/NCR to be enclosed
vii.	Proof of Site Inspection Prior to Submission <b>Appendix-1</b>	The Bidder must get Appendix-1 (Proof of site Inspection prior to bid submission) Signed by the PMC DDCA/CE (E) DDCA, the Appendix needs to be submitted along with the Technical bid.

viii	<p><b>Appendix-2</b> (Manufacturers' Authorization Certificate for Lift Controllers for Automated AccessControl to various floors, QR scanner &amp; Integration with ticking system as per RFP para no (iii) sub para-a to d of E) DESIGN CRITERIA &amp; SYSTEM REQUIREMENT of page no 7&amp;8) Signed by OEM mentioned at Sr no2 in Approved Make List Page 26 of RFP. As per proforma give on page 28 of RPF.</p>	<p>The Bidder must get <b>Appendix-2</b> (Manufacturers' Authorization Certificate for Lift Controllers for Automated Access Control to various floors, QR scanner &amp; Integration with ticking system as per RFP para no (iii) sub para-a to d of E) DESIGN CRITERIA &amp; SYSTEM REQUIREMENT of page no 7&amp;8) Signed by OEM mentioned at Sr no 2 in Approved Make List Page 26 of RFP. As per proforma give on page 28 of RPF. The Appendix needs to be submitted along with the Technical bid.</p>
ix.	<p>The applicant should have Bank Solvency of <b>Rs. 2 Crores</b> OR CPWD registered compositecontractor of class II or equivalent from any state Govt./ Railways/MES or above.</p>	<p>Letter from nationalized bank for solvency inprescribed form-1.</p>

## 10. Technical Evaluation:

Evaluation of bids found eligible as per Pre-qualification criteria would be undertaken by Technical Evaluation / Selection Committee constituted by the competent authority as per parameters cited below:

Sl.No.	Parameter	Documents to be submitted with bid for assessment of parameter	Max Mas	Marks Obtained (0 to max marks)
(i)	Design / Concept of Design	Overall scheme, Schematic Line Diagram showing location of lift shaft, Shaft design calculation and selection of equipment's, details of Augmentations in existing shaft proposed, details of proposed lifts, GAdrawings etc.	10	
(ii)	Technology adopted / Quality of equipment	Catalogues, Technical Data sheets of individual equipment with make and model	10	
(iii)	Fulfillment of Scope of Work after detailed evaluation of site	Detailed Unpriced Schedule of Work (Unpriced BOQ indicating Quantities of each item of BOQ & its entire scope of work stipulated in this RFP	10	

- A. The Selection / Evaluation committee appointed by DDCA shall carry out its technical evaluation applying the evaluation criteria specified above.
- B. Each Responsive proposal shall be attributed a technical score. On the basis of technical assessment, applicants securing minimum 25 marks out of 30 marks will be shortlisted and the financial bids of only the shortlisted applicants will be opened.

**11. Completion Period: 160 days from the date of award of work.**

**12. Payment Terms:**

**(1) Payment as decided by DDCA Committee with L1 bidder.**

**13. Penalty Clause**

In case of non-completion of the entire work within the stipulated time and if the delay is not attributable to site requirements, Liquidated Damages (LD) @ 1% per week (or fraction thereof) of the total cost of work awarded subject to a maximum of 5% of the gross value of work done or cost of work awarded, whichever is greater, shall be recovered from the bill of the successful bidder.

**14. TERMINATION OF CONTRACT**

Subject to other provisions contained in this clause, the DDCA may, without prejudice to his any other rights or remedy against the Bidder in respect of any delay, inferior work, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely determine the contract in any of the following cases:

- a. If the Bidder having been given by the DDCA a notice in writing that he failed to deliver the products expected of them during or at the end of the work and fails to comply with the requirement of such notice for a period of seven days thereafter.
- b. If the Bidder has, without reasonable cause, suspended the work or has failed to proceed with the work with due diligence so that in the opinion of the DDCA (which shall be final and binding) he will be unable to perform the work satisfactorily and continues to do so after a notice in writing of seven days from the Engineer-in-Charge.
- c. If the Bidder fails to complete the work within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by DDCA.
- d. If the Bidder persistently neglects to carry out his obligations under the contract and/ or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by DDCA.
- e. If the Bidder shall offer or give or agree to give to any person in DDCA or to any other person on his behalf any gift or consideration of any kind as

an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract DDCA.

- f. If the Bidder shall enter into a contract with DDCA in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Engineer-in-Charge.
- g. If the Bidder shall obtain a contract with Government as a result of wrong Bidding or other non-bona fide methods of competitive Bidding or commits breach of agreement.
- h. If the Bidder being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors.
- i. If the Bidder being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of a creditor shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.
- j. If the Bidder shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days.
- k. If the Bidder assigns, transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer, sublet or otherwise parts with the entire works or any portion thereof without the prior written approval of the DDCA.

When the Bidder has made himself liable for action under any of the cases aforesaid, the DDCA shall have powers:

- a) To determine the contract as aforesaid (of which termination notice in

writing to the Bidder under the hand of DDCA shall be conclusive evidence). Upon such determination, the Earnest Money Deposit, Security Deposit if any already recovered and Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of DDCA.

- b) After giving notice to the Bidder to measure up the work of the Bidder and to take such whole, or the balance or part thereof, as shall be un-executed out of his hands and to give it to another Bidder to complete the work. The Bidder, whose contract is determined as above, shall not be allowed to participate in the Bidding process for the balance work.

In the event of above courses being adopted by DDCA, the Bidder shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid, the Bidder shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the DDCA has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

In case, the work cannot be started due to reason not within the control of the bidder within 1/8th of the stipulated time for completion of work or one month whichever is higher, either party may close the contract. In case bidder wants to close the contract, he shall give notice to the department stating the failure on the part of department. In such eventuality, the Performance Guarantee of the bidder shall be refunded.

## 15. FORECLOSURE OF CONTRACT

If DDCA due to the abandonment or reduction of scope of works due to any reason whatsoever do not require the whole or any part of the works to be carried out, DDCA by giving a notice may foreclose the agreement. In such circumstances the contractor shall be paid for the submission and work stages for which approvals are already granted, the earnest money deposit and the Performance guarantee of the contractor shall be refunded, but no payment on account of interest, loss of profit or damages etc. shall be payable at all and the employer shall be at liberty to make full use of all or any of the drawings, designs or other documents prepared by the contractor.

## **16. SETTLEMENT OF DISPUTES & ARBITRATION**

Except where otherwise provided in the contract, all disputes arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter:

If the contractor considers any work demanded of him to be outside the requirements of the contract, or disputes any drawings, record or decision given in writing by DDCA or if DDCA considers any act or decision of the contractor on any matter in connection with or arising out of the contract or carrying out of the work, to be unacceptable and is disputed, such party shall promptly within 15 days of arising of the disputes request the DDCA to constitute a Dispute Redressal Committee (DRC) within 15 days along with a list of disputes with amounts claimed if any in respect of each such dispute. The Dispute Redressal Committee (DRC) shall give the opposing party two weeks for a written response and give its decision within a reasonable period from the receipt of appeal of either party. The decision of Dispute Redressal Committee (DRC) shall be final and binding on the either party.

## **17. General Terms and Conditions.**

- i. The party submitting the quotation in reference to the notice inviting Tender whether it be a Proprietor / Individual, Partnership firm, Company, Society shall be, hereinafter referred as “the Vendors / contractor / Vendor/ Service provider” and the Delhi & District Cricket Association shall be known as “DDCA”.
- ii. Incomplete bids or Documents will be rejected.
- iii. Contractor should be registered with Sales Tax, GST Deptt. And /or Service tax department.
- iv. This specification covers manufacture, testing as may be necessary before dispatch, delivery al site, all preparatory work, assembly and installation, commissioning putting into operation of Lifts & Escalators.
- v. The work shall be executed as per CPWD General Specifications for Electrical Works as per relevant IS and as per directions of Engineer-in-Charge. These additional specifications are to be read in conjunction with above and in case of variations; specifications given in these Additional conditions shall apply. However, nothing extra shall be paid on account of these additional specifications & conditions as the same are to be read along with schedule of quantities for the work.
- vi. The price quoted should include all transportation, loading/unloading cost and all levies, taxes and duties including,



but not limited to, applicable Service Tax, VAT, GST etc. The price quoted and agreed in the Work Order for the successful Vendors / contractor shall remain firm for the Work. Any escalation of whatsoever nature will not be payable by DDCA during the Work. No amount whatsoever over and above the amount for which the work order is issued to the successful Vendors / contractor will be paid.

- vii. The tenderer should in his own interest visit the site and familiarizes himself with the site conditions before tendering.
- viii. No T&P shall be issued by the Department and nothing extra shall be paid on account of this.
- ix. The Vendors / Contractor shall submit security deposit performance guarantee @2% of the contracted value of the Work through RTGS/Bank Guarantee/ DD in favor of DDCA within 7 days of receipt of work order. After the award of the Work, if successful contractor does not deposit the security amount within 7 days of receipt of work order, then the work order shall stand cancelled.
- x. The contractor must visit/examine the site and its surroundings on any working day by prior appointment for familiarities with nature of work and for the proper assessment of Work before submitting the quotation. No claim later any account shall be entertained.
- xi. The contractor must submit the company profile along with the project details of similar nature of work.
- xii. Labor Hutments & safety tools to be managed by the contractor.
- xiii. The Work shall be completed on or before as mutually agreed.
- xiv. Security deposit shall be released to the Vendors / Contractor after defect liability after the date of completion of Work as per CPWD norms/Manual.
- xv. The successful Vendors / Contractor shall take all precautions and safety measures for all Workers/laborers etc. which are to be engaged by it for execution of said Work. The successful Vendors / Contractor shall be solely responsible for any liability towards workmen or any person that may arise on account of the performance of the Work by the successful Vendors / Contractor at site.
- xvi. The Work shall be executed with high degree of workmanship & conform to the approved norms, standards and specifications for the materials and Workman ship.
- xvii. The successful Vendors / Contractor 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 Vendors / Contractor or its servants,

- agents, employees, representatives etc. qua the Work whether during the execution of the Work or subsequent to the execution of the Work.
- xviii. The goods/ services provided by the successful Vendors / Contractor 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 Vendors/ Quotational shall be appropriately deducted.
  - xix. It will be the responsibility of the successful Vendors / Contractor to obtain work completion reports from officer/unit/section concerned in DDCA. In the absence of the delivery report, no payment will be released.
  - xx. The successful Vendors / Contractor shall be responsible for safe delivery of items at Arun Jaitley Stadium, Ferozeshah Kotla Grounds, New Delhi.
  - xxi. The successful Vendors / Contractor shall be responsible for all charges and expenses including, but not limited to, Installation charges. No charges shall be paid over and above the amount that is mentioned in the Work Order.
  - xxii. The successful Vendors / Contractor shall be responsible for the payment of wages/ settlement of dues with workers engaged by the successful Vendors / Quotations. DDCA will not be party of any dispute between successful Vendors / Contractor and its workers. The vendor/Quotational shall keep DDCA indemnified against all claims that may arise against DDCA in relation to this tender.
  - xxiii. The rates of items of Work shall be applicable for all heights and depths unless otherwise specified in the item, wherever applicable.
  - xxiv. The successful Vendors / Contractor shall obtain and keep in force throughout the term of the agreement, necessary / valid license from the concerned Licensing authorities as per applicable statutes and the rules framed there under and furnish the same to DDCA before commencement of the Work.
  - xxv. The successful Vendors / Contractor shall not employ for execution of work any person below the age of 18 years.
  - xxvi. The Law governing rights and obligations of the parties shall be the Indian Law of Contract.
  - xxvii. DDCA reserves the right to cancel or reject any or all the bids without assigning any reason whatsoever. Decision of DDCA shall be final and binding.

18. The successful contractor shall obtain NOC from electrical Inspector before & after installation as required; however, inspection fees will be reimbursement to them on submission of receipt.

**19. Submission of Bid**

Last date of submission of RFP is 22<sup>nd</sup> May 2024 upto 03:00 PM. Sealed envelope marked to the captioned address, containing RFP may be dropped in drop box specially kept for the subject RFP mentioning “**Conceptualize, Plan, Design, Supply, Installation, Testing and Commissioning of New Passenger Lifts for General stands, NCH, Service Lifts including Shaft Construction and Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system at Arun Jaitley Stadium New Delhi** “

**Delhi & District Cricket Association (DDCA)  
Arun Jaitley Stadium  
Feroz Shah Kotla Ground,  
New Delhi-110002**

**The sealed envelope must contain four sub-envelopes:**

- **1<sup>st</sup> sealed Envelope containing EMD duly mentioned as EMD on top of it.**
- **2<sup>nd</sup> sealed Envelope containing Eligibility Documents (clause 10) as per RFP duly super scribed as Eligibility Documents on top of it.**
- **3<sup>rd</sup>sealed Envelope containing RFP including Priced BOQ in the prescribed format as per Annexure-B duly super scribed as Bid Documents on top of it.**

## **Item-1: Technical Specifications for Lifts/Elevators**

### **Electric Supply**

Three Phase ,50c/s .415 V electric supply shall be made available. The entire lift equipment should be suitable for operation at +10% to 20% of the rated supply Voltage.

### **Gearless Machine**

The gearless machine shall consist of a motor, traction sheave and break -drum or brake disc completely aligned on a single shaft. Gearless machine shall be A.C. gearless with VVVF drive.

### **Brake**

The Lift drive machinery shall be provided with an electro- magnetic brake or motor operated brake normally applied by means of spring in compression when the operating device is in off position. The brake shall be suitably curved over the brake drum or brake disc and provided with fire proof friction lining. The operation of brake shall be smooth, gradual and with minimum noise. The brake shall be designed to be of sufficient size and strength to stop and hold the car at rest with rated load. The brake should be capable of operation automatically by the various safety devices. current failure and by the normal stopping of the car. The brake shall be released electrically. It shall also be possible to release the brake manually, such release requiring the permanent application of manual force so as to move the lift car in short stops. For this purpose, suitable brake release equipment's wherever necessary shall be supplied with each lift installation and the same shall be kept in safe custody to prevent misuse.

### **Guide Rails**

Guide rails shall be in accordance with clause 3 of IS 14665 (Part 4- Sec 2) 2000.Only Machined guide rails shall be permitted for cars for passenger's lifts. Formed sheets metal rails shall be used upto speeds of 1.5 mps for counter weight applications. In the case of goods lifts, unmachined guides rails shall be permitted for the counterweight for all speeds and for the cars only upto a speed of 0.5 m/sec.

### **Car Body**

The car shall be enclosed on all sides by a metallic enclosure. The enclosure including the door shall withstand without deformation a thrust of 35Kg applied normally at any point and as per IS 14665(Part 4/sec 3)-2001.Ventilation openings if specified shall be as per IS 14665(Part 4/Sec 3)-2001.

Stretcher guards/trolley guards made of PVC/Rubber extrusion housed in a stainless-steel beading shall be fitted at suitable level (s) to rear / side panels for bed lifts/goods lifts.

Lift car door shall have a fire resistance rating of Two hour.

Grounding switch (es), at ground floor level, shall be provided on all the lifts to enable the fire service to ground the lifts.

### **Lift Car Interior Finish**

The side, rear and facia panel shall be of scratch free stainless-steel sheet. The flooring shall be with 3mm thick PVC tiles for passenger lifts and chequered aluminum sheet for goods lifts and goods- cum passenger lifts. The False ceiling in the lift car shall be crafted from mild steel powder coated to suitable colour with LED Lights and Fan with diffuser (s) in different colour.

### **Operating Panel Inside the car**

The car operating panel shall be of metal, flush mounted and duly finished to match the car interior décor and shall contain all the devices as may be specified depending upon the type of operation required. In addition, separate illuminated panel for indicating the floor and direction may be provided on the top or the door way. All switches shall be fade proof and the devices shall be of suitable quality.

Each device and its operating position shall be legible fade proof and marked.

### **Car doors**

The car doors shall be hung from the top M.S. fabricated track and means shall be provided to prevent the door from jumping off the track. The doors shall be provided with two point's suspension sheave type hangers suitable for the type of door operation specified. The hangers shall be securely fastened on bearing mounted on a malleable iron or steel bracket. Arrangements shall be provided for vertical and lateral adjustment of car doors. The sheaves shall move on a M.S. fabricated track so shaped as to permit free movement of sheaves with regard to vertical adjustment of sheave bracket or housing.

The car door shall be center opening horizontal sliding stainless steel scratch proof (moon rock finish) for office residential & goods lift application whereas telescopic horizontal sliding stainless scratch proof surface (moon rock finish) for hospitals.

A potential cause of accidents could be the attempts made to open the landing door lock of lower floor in case the car stops away from floor level due to power failure. Since the car door can be opened in case of power failure so as to improve the ventilation and avoid

claustrophobic situations etc. as outlined in IS 14665 (Part 2/sec 1) : 2000 para 10.9.1 there is a tendency among trapped passengers to make attempts to open any accessible through open car doors. This attempt in panic may result in accidental fall into the lift pit. In order to ensure that the trapped passenger do not attempt opening the landing door, the electromechanical latch should be so designed that it is inaccessible or invisible to the passengers in the car.

### **Levelling**

All lift (s) shall be incorporated with suitable floor levelling devices. In case of lifts with automatic power operated doors and with A.C. VVVF controller a separate level device for automatic levelling accuracy of  $\pm 5$ mm shall be incorporated.

### **Counter Weight**

The counter weight for lifts cars shall be in accordance with clause 6 of IS 14665 (Part 4-Sec-3):2001 and shall be designed to balance the weight of empty lift car plus approximately 50 percent of the rated load. It shall consist of cast section firmly secured in relative movement by at least two numbers steel tie rods having lock nuts/split pins at each end and passing through each section and housed in a rigid steel frame work. Cracked and broken sub weights shall not be accepted.

### **Counter Weight Guards**

Guards of wire metal/mesh shall be provided in the lift pit to a suitable height above the pit floor to eliminate the possibility of injuries to the maintenance personnel.

### **Buffers – (IS 14665(Part 4/Sec 1)-2001)**

Buffers shall be oil resistant rubber pad type for speeds upto 0.25 mps and spring /oil type for speeds upto 1.5 mps and only oil type for speeds higher than 1.5 mps.

All buffers shall be tested at manufactures works and a copy of the test report shall be submitted.

### **General**

- 1.1 This specification covers manufacture, testing as may be necessary before dispatch, delivery at site, all preparatory work, assembling and installation, commissioning putting into operation of Lifts & Escalators.
- 1.2 The work shall be executed as per CPWD General Specification for Electrical Works (Part iii Lifts & Escalators -2003) as per relevant IS and as per direction of Engineer in charge/PMC. These additional specifications are to be read in Conjunction with above and in case of variation; specification given in this Additional condition shall apply. However, nothing extra shall be paid on account of these additional

specification & conditions as the same are to be read along with schedule of quantities for the work.

1.3 The tenderer should in his own interest visit the site and familiarizes himself with the site conditions before tendering.

1.4 No T&P shall be issued by the Department and nothing shall be paid on account of this.

1.5 The tender is in Two Parts:

(a) Part I – Technical cum Commercial Bid

(b) Part II – Price Bid

**ADDITIONAL SPECIFICATION FOR PASSENGER/GOODS CUM PASSENGER/FRIENDLY FOR PHYSICAL DISABLES PERSONS.**

- |  |  |
|--|--|
| 1. Type of Lift                                | *Passenger/GOODS cum Passenger   |
| 2. Number of Lifts required<br>(Location Wise) | WING A-5, WING B -4, NCH-2, OCH-1  |
| 3. Load: Number of Persons                     | 20 person or more  |
| 4. Rated Speed                                 | 2 / 1.5 MPS  |
| 5. Travel in Meters                            |  |
| 6. Number of Floors served                     |  |
| 7. (a) Inside size of Lift Well                |  |
| (b) Pit Depth                                  |  |
| (c) Head Room                                  |  |
| 8. Clear inside size of lift car               |  |
| 9. Dimension of lift machine room              |  |
| 10. Position of counter weight                 |  |
| 11. Position of Machine room                   |  |
| 12. (a) Type of control                        | Microprocessor based AC variable voltage variable frequency.   |
| (b) Type of Operation                          | Simplex Selective – Collective operation with/ with -out attendant/Duplex collective selective operation with/without attendant/Automatic group supervisory control.                         |
| (C) Potential free contacts                    | Potential free contacts for each floor position and UP and Down movement of the lift shall be provided in the controller which can be used for the building automation system at later date. |

13. Car entrance door

- (a) Number
- (b) Size
- (c) Type of Doors
- (d) Car open in Front only or open

14. Construction design and finish of Car body work

As per General specification in case of special requirements NIT approving authority may specify.

15. Type of Signal system

- (a) Digital floor position indicators in the car and at all landings (to be provided above the car /landing doors)
- (b) Travel directions indicator in the car and at all landings (to be provided above the car /landing doors)
- (c) Gongs & visual indication on all landings for pre-arrival of the car for two or more cars.
- (d) Overload warning Audio & Visual indicator, inside the car (Lift should not start on overload)
- (e) Battery operated alarm bell and emergency light.
- (f) Car operating panel with fade proof luminous buttons in car and with intercom.
- (g) Luminous hall buttons at all landings.
- (H) Fireman's switch at ground floor.

16. Landing Entrance

- (a) Location of landing entrances in different floors      As Per Site requirement
- (b) Number
- (c) Size
- (d) Type of Doors      Horizontal sliding – center opening/telescopic.
- (e) Lift in use/lift out of order sign.      A suitable box above the lift landing with LED illuminated bilingual (in English & Hindi) sign of “LIFT OUT OF ORDER” coming up simultaneously at all floors.



- |   |  |
|---|--|
| 17. Electric Supply                                 | (a) Power: - 415 V, AC 3 phase,50 Hz,<br>4wire system.<br>(b) Lighting :230V, AC 50 Hz |
| 18. Is neutral wire available for control circuits  | YES  |
| 19. Proposed date for commencement on site          |  |
| 20. Proposed date for completion                    |  |
| 21. Environmental condition at site of installation | Summer condition,<br>Winter condition<br>Monsoon condition<br>Height above sea level   |
| 22. Storage space provided                          | Yes in the machine room  |

**Annexure-A (Acceptable Makes of Materials)**

**Approved Make List**

1	Passenger and Service Lift	OTIS / Schneider / Mitsubishi
2.	Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system	Fortuna Control /Grail Consulting/ Tasa Engineering
3.	CCTV for the lifts providing feed to Image Frames to AI Based Controllers	Honeywell/Hyundai/UNV/Bosch
4.	GSM Modules for syncing the controller with the Ticketing Cloud and Web Server.	Nvis/ Starlit/ Shree/ Eteily

**APPENDIX -1**

Site visit certificate

(Prior to date of bid submission)

Name of Work: **“Conceptualize, Plan, Design, Supply, Installation, Testing and Commissioning of New Passenger Lifts for General stands, NCH, Service Lifts including Shaft Construction and Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system at Arun Jaitley Stadium New Delhi “**

This is to certify that representatives of M/S..... visited Arun Jaitley Stadium, New Delhi on..... for ascertaining and analyzing the site conditions of the Stadium for participation in the RFP of the above work.

PMC DDCA/CE (E)

Date of issue:

**APPENDIX -2**

Manufacturers' Authorization Certificate from OEM mentioned at Sr no 2 in Approved Make List Page 26 of RFP on their letter head  
(Prior to date of bid submission)

To,  
Tender & Purchase Committee, DDCA  
**Delhi & District Cricket Association (DDCA)**  
**Arun Jaitley Stadium**  
**Feroz Shah Kotla Ground,**  
**New Delhi-110002**

Subject: Issuing of Manufacturers' Authorization Certificate for the Work: **“Conceptualize, Plan, Design, Supply, Installation, Testing and Commissioning of New Passenger Lifts for General stands, NCH, Service Lifts including Shaft Construction and Lift Controllers for Automated Access Control to various floors, QR scanner & Integration with ticking system at Arun Jaitley Stadium New Delhi “**

Sir,

We the M/s.....Do hereby confirm that we meet the following specification

- a. Supply Installation and Commissioning of Lift Controllers for Automated Access Control to various floors. The system shall comprise of real time syncing capability with the Ticketing Cloud. The output of Lift Controllers will be given to the relays having capability of giving signals of 5V/12V/24V which shall be integrated by the Lift OEM with their relevant inputs in the Lift Main control boards to operate the lift in the desired manner. AI Based to detect Anamoly in lift operations by setting Convolutional Neural Network using Smart Image Processing. The gateway modules for integration, alerting and alarming in case of unexpected events. The controllers shall come with the Software License for Controllers, Cloud Gateway, Web Server and API's for integration with Ticketing Cloud as per approved makes given on page 26 of RPF.
- b. Supply, Installation and Commissioning of CCTV for the lifts providing feed to Image Frames to AI Based Controllers. The camera shall be Night vision IP Based 2MP with capability to detect human faces as per approved makes given on page 26 of RPF.
- c. Supply, Installation and Commissioning of QR cum Card Scanners for identification using multiple authentication methods to authorize the entry of staff/vendors/visitors etc. based on their ACL privileges; as per approved makes given on page 26 of RPF.
- d. Supply, Installation and Commissioning of GSM Modules for syncing the controller with the Ticketing Cloud and Web Server; as per approved makes given on page 26 of RPF.

We here by authorize M/s .....to participate in the above bid and we shall give technical support to them during the 5 years of Operation and maintenance of our system.

Yours Faithfully (Authorized  
Signatory of OEM as per Sr no 2 of  
approved make list page 26 of RFP)

**ANNEXURE-B**  
**Price Bid Format**

S.NO.	Description	Qty.	Rate	Unit	Amount
1.	Sub Head I				
a.	<p>Design/Supplying, Installation, Testing &amp; Commissioning of 20 or higher passenger Lifts having contract speed of 2MPS/1.5MPS (Refer to Govt. norms (CPWD, Delhi/Bombay Lift Act.) of specification for selection of speed) serving different floors in the lift shaft as per detailed specifications enclosed and as under: -</p> <p>Location of Lifts:</p> <p>(i) Speed – 2 / 1.5MPS</p> <p>(ii) FLOORS (G + 3) or as per actual site requirement</p> <p>(iii) Travel _____ Meters (APPROX)</p> <p>(iv) Stops &amp; Opening</p> <p>(v) Controller: A.C. variable voltage &amp; variable frequency.</p> <p>(vi) Automatic rescue device completes with dry maintenance free batteries as required.</p> <p>(vii) Power – 415 v, 3 phase, 50 Hz, 4 wires system</p> <p>(viii) Type of Doors</p> <p>(a) Car: Power operated, Centre opening horizontal sliding stainless steel scratch proof (Moon rock finish)</p> <p>(b) Landing doors: SS doors finished with spray painting of approved shade.</p> <p>Scope shall also include:</p> <ul style="list-style-type: none"> <li>• Lift Controllers for Automated Access Control to various floors, QR scanner &amp; Integration with ticking system (as defined in RFP)</li> <li>• A hand rail not less than 600mm long at 900mm above floor level to be fixed adjacent to control panel in the lift car</li> </ul>				

	<ul style="list-style-type: none"> <li>• Voice announcement system in the carto announce the position of the elevator in the hoist way as the car passes or stops at a floor served by the elevator.</li> <li>• Design /Construction /fabrication of new lift shaft for above lifts as per approved norms at each location as complete in all respect as per site requirement.</li> <li>• CAMC for a period of 5 years after DLP.</li> </ul>				
Total Amount					

Total amount in words Rs only

**Note:**  
1. The

**amount quoted is without GST. The GST shall be reimbursed to the contractor on production of payment of the same by the contractor to the concerned authorities.**

**2. BOQ (with Price) in support of this Price Bid is to be developed by the bidder and the same is to be enclosed with this price bid.**

**3. The Material shall be provided as per approved make list mentioned on page 26 of RPF.**

**4. AT OCH Lift shaft is available but needs modification as per requirement.**

**BANKERS SOLVANCY CERTIFICATE**

This is certify that to the best of our knowledge and information that M/s .....having marginally noted address, a customer of our bank are/is respectable and can be treated as good for any engagement up to a limit of Rs..... (Rupees..... )

This certificate is issued without any guarantee or responsibility on the bank or any of the officers

Date: .....

(Authorized signatory of the Bank)

Note:

1. Bankers' certificates should be on letter head of the Bank, sealed in cover addressed to Bidding inviting authority.
2. In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

Form-2

**FINANCIAL INFORMATION**

Details to be furnished duly supported by figures in audited balance sheet, profit and loss account statement and acknowledged IT returns for the last three year duly certified by the Chartered Accountant.

**Name of the Applicant:**

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Particulars	Financial Year				
	2018-19	2019-20	2020-21	2021-22	2022-23
Gross Annual Financial Turnover in last five years (In Lakhs)					

Certified that the above financial information pertaining to the said applicant is correct and conforms with audited balance sheets,

Signature of Chartered Accountant with seal

Signature of applicant

**Note:** Average Annual Turnover of last five audited financial years shall be considered. In case audited balance sheet for the latest financial is not available / audited yet, this shall be specifically mentioned. In case balance sheet for any year of these three preceding audited financial year is not provided, the gross turnover for that particular financial year will be treated as zero during evaluation.