

**Office of The Superintending Engineer,  
Circle – I, R&B Sector, K.M.D.A, Unnayan Bhavan,  
Salt Lake City, Block-‘A’, (5<sup>th</sup> floor), Kolkata–700091**

**Notice Inviting e-tender No: 09/SE/C-I/R&B/KMDA of 2020 – 2021(2<sup>nd</sup> call)  
Dated:29.09.2021**

**Tender Ref. No. KMDA/R&B/SE/C-I/NIT-09/2020–2021(2<sup>nd</sup> call)  
Tender ID :2021\_KMDA\_\_1**

Kolkata Metropolitan Development Authority (KMDA) [herein referred to as the “EMPLOYER”] invites offer/rates for Reconstruction of Chetla Lock Gate Bridge after Dismantling the existing distressed and corroded steel structure canal bridge over the Tolly Nallah with two years of maintenance on a turnkey contract basis [ Design, construction and operation & maintenances for two years post construction after completion. Defect Liability of the Bridge would remain for three years after reconstruction and open to traffic.

Superintending Engineer, R&B Sector, Circle – I, KMDA, Unnayan Bhavan Block-A, (5th floor), Salt Lake City, Kolkata –700 091, invites online bids from bona fide, eligible, reliable, resourceful firms and experienced contractors of KMDA, PWD, Govt. Deptt., Autonomous Bodies and Govt. Under-takings having credentials i.e. Work Order, Completion certificates and Payment Certificates of executing at least 30% quoted value of similar nature of works in a single contract during last 5 (five) years from the date of this N.I.T. are only eligible to apply for the works stated below :

Name of work	Earnest Money deposit	Completion period.
1.Reconstruction of distressed Chetla Lock Gate Bridge after Dismantling the existing distressed and corroded steel structure bridge with two years maintenance .	Rs.12,00,000.00 (Twelve Lakh) only	180 (One Hundred and Eighty) Days.

The project consists of construction of a canal bridge over the Tolly Nallah at Chetla lock gate (key plan & recommended alignment enclosed herewith) on a turnkey contract basis [ **Design, construction and & defect liability period for three years including operation & maintenances for two years post construction after completion**]

The location and alignment of the bridge is furnished for ready reference. Intending Bidders are requested to attend a Pre-Bid Meeting to be held on 19.02.2021 at the office of the u/s by 2:00 p.m. (unless the time and venue is changed and communicated to the bidders from this end) to collect necessary geotechnical data and further information available to design the structure and quote their most competitive offers accordingly.

Bidders are requested for a reconnaissance survey at sites and can include all type of allied works i.e. construction of temporary embankments (to be removed after construction) to facilitate the work front for construction activities in their offer and design a structure to maintain the same alignment and existing embankment with proper free board similar to the existing bridge. The schematic drawing with mode of construction to be furnished by all intending bidders prior to evaluation and finalization of technical bids. A typical drawing of the proposed bridge is furnished keeping the liberty of improvisation is left to the intending bidders for innovation. Reduction in dimension from the scheme proposed may attract proportionate change in the mode of payment if it changes beyond 3%.

Basic soil exploration data may be collected from the office of the superintending engineer, Circle-1, KMDA for improvised design of bridge structure.

1. Time Schedule for Downloading, Uploading and Opening of Tender Documents:-		
a)	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	Date: 04.10.2021, Time: 12.00 hrs
b)	Documents download start date (Online)	Date: 04.10.2021, Time: 12.00 hrs
c)	Documents download end date (Online)	Date: 25.10.2021, Time: 12.00 hrs.
d)	Pre-bid Clarification Start Date & Time	Date: 05.10.2021, Time: 12.00 hrs
e)	Pre-bid Clarification End Date & Time	Date: 08.10.2021, Time: 16.00 hrs
f)	Online Bid Submission Start Date & Time	Date: 04.10.2021, Time: 18.30 hrs
g)	Online Bid Submission Last Date & Time	Date: 25.10.2021, Time: 12.00 hrs.
h)	Time and Date of Opening of Technical Bid(Part-I) ( Bid will be opened by the Authorized Officers)	Date: 27.10.2021, Time: 12.00 hrs
i)	Date for opening of Financial Bid(Part-II)	To be notified later on

Intending bidder may download the tender documents from <http://wbtender.gov.in> directly with the help of Digital Signature Certificate and scan copy of all Original documents has to be uploaded. **Earnest Money Deposit (EMD)** in the form of Online Banking or NEFT / RTGS will have to be submitted and the challan of RTGS mentioning the UTR Number has to be uploaded.

#### Eligible criteria for the bidders:-

- a) Scanned copy of PAN card, Valid Trade License, P. Tax Enrolment Certificate, P. Tax current year challan, P.T.P.C., G.S.T. Certificate, Valid Income Tax(For last 3 years), Last 3 years Profit & Loss and Balance sheet, Credential, Work order, Payment Certificate, Bank Solvency with qualification certificate and other supporting documents, Registration Certificate and/or trade license of the company must be submitted duly digitally signed at desired location in the website <https://wbtenders.gov.in>. **Bidders should be submitted EPF registration and ESI Registration certificate.**

The provision is kept for deduction of Security Deposit as 10% of the Tender Value from successive RA Bills of the executing agency during progress of work for the balance amount after adjusting the Earnest money as the part of Security Deposit as well.

- b) Scanned Copy of One affidavit before Notary will have to be submitted mentioning the correctness of the documents and a declaration of penalty debarment etc. faced by him under any Govt. /Semi- Govt./Autonomous body/Institution online at desired location.
- c) Partnership Firm/Consortium should submit necessary deed at desired location online.
- d) Joint Ventures/Consortium is not allowed in this Project.

## QUALIFICATION CRITERIA

### Section 1. QUALIFICATION CRITERIA

#### 1.1. General

The eligibility of a bidder will be ascertained on the basis of the digitally signed documents in support of the minimum criteria as mentioned herein below. If any document submitted by a bidder is either manufactured or false, in such cases the eligibility of the bidder will be rejected outright at any stage without any prejudice to the rights of KMDA.

The bidder shall have to meet the following eligibility criteria:

#### Technical Criteria

- (a) **The intending bidder must have successfully completed similar type of work** viz. Elevated corridor/Bridge/Flyover/ROB or a combination thereof within the last 5(Five) years from the date of publication of NIT of a minimum value of
  - i. At least one contract of 30% quoted value or Rs 1.8 Crores, or,
  - ii. Two contracts of Rs 1.50 Crores each, or,
  - iii. Shall produce credentials of one single running work of similar nature which has been completed to the extent of 80% or more and value of executed part of which is not less than the Tendered value. (In case of running works, only those bidders who will submit the current certificate of satisfactory running work from the concerned Executive Engineer, or equivalent competent authority will be considered eligible for the present tender. In the required certificate it should be clearly stated that the work is in progress satisfactorily and also that no penal action has been initiated against the executing agency, i.e. the tenderer/bidder.)
- (b) The completed Project shall comprise of preparation of General arrangement drawing, structural design and drawing and related inter-disciplinary services at any place(s) in India during the last 5 (five) financial years from the date of publication of the tender.
- (c) **“Similar Project” for the purpose of the present tender shall mean construction of flyover/ elevated corridor/ bridge/ rail over bridge with a composite structure of structural steel constructed with 1200 diameter pile foundation, with all structural I - girder / box girder and RCC deck slab and thereof being 2 laned (bridge proper excluding approaches) in city area at any place(s) in India during the last 5 (five) financial years from the date of publication of the tender.**
- (d) The bidder shall have the requisite engineering and management personnel, as per Special Terms and Conditions of Contract and other personnel as is required for undertaking the Services and construction equipment of its own, either purchased or taken on hire.
- (e) The bidder shall have an average annual turnover of Rs. **7.00 Crores** for the last 5 financial years ending with **2020-2021** and a **positive net worth as on the day of submission of bid**, as certified by its Statutory Auditor.
- (f) **The bidder shall submit Bank Solvency Certificates from scheduled banks showing that the bidder is entitled to a cash credit facility of not less than Rs. 5.00 Crores.**

(g) Submission of all documents specified in the Instruction to Bidders.

**e) Earnest Money:** The tenderer shall have to upload scanned copy of requisite earnest money along with the tender documents in prescribed manner failing which the tender shall be rejected.

**2. a) List of common documents shall have to be uploaded by each tenderer at the Time of Tender through online:**

- i) Income Tax Return (For last 3 years)
- ii) Last 3 years Profit & Loss and Balance sheet
- iii) Pan Card
- iv) Professional Tax Enrolment Certificate.
- v) P. Tax Challan and Professional Tax clearance certificate (PTPC).
- vi) Valid Trade License
- vii) Work order, Completion Certificate with Payment Certificate for the work in technical credential.
- viii) Bank Solvency Certificate in Current Financial Year.

**b) List of documents shall have to upload by the Partnership Firm**

- i) The Power of Attorney for the firm for signing the tenderer by a partner.
- ii) Partnership Deed.

**3. Language of tender:-**The tenderer shall be submitted in the prescribed form in English. All literatures and correspondence in connection with the tenderers shall be in English.

**4. Others:-**The tenderer Notice along with other documents like, Terms and condition ,BOQ and corrigendum etc. whatever documents uploaded by the Department concern shall be part and parcel of the tender..

**The Tender Inviting Authority reserves the right to accept or reject any or all the Tenders without assigning any reason what so ever.**

**INSTRUCTION TO THE BIDDERS.**

**i) Guidance for e- Tender.**

Instructions/ Guidelines for tenders for electronic submission of the quotation have been annexed for assisting the contractors to participate in e-tendering.

**ii) Registration of Contractors.**

Any contractor willing to take part in the process of e -Tender will have to be enrolled and registered with the Govt. e-Procurement system, through login onto <https://wbtenders.gov.in> the Contractor is to click on the link(Online Bidder Enrollment) for e- tender site.

**iii) Digital Signature Certificate (DSC)**

Each contractor is required to obtain Digital Signature Certificate (DSC) for submission of tender, from the approved service provider of the Controller of Certifying Authority, Govt. of India (<http://cca.gov.in>) on payment of requisite amount. The Contractor can search the tender and download NIT and other tender documents electronically from computer once he/she logs onto the website <https://wbtenders.gov.in>. This is the only mode of collection of the tender documents. A prospective Bidder shall be allowed to participate in the job either in the capacity of the individual or as a partner of a firm. If found to have applied several in single job all his applications will be rejected for that job.

The Contractor can search & download NIT & Tender documents electronically from computer once he /she logs onto the website mentioned Clause 1 using the Digital Signature Certificate. This is the only mode of collection of the Tender Documents.

#### **iv) Submission of Tender:-**

##### **a) General Process submission**

Tenders are to be submitted through online to the website stated in Sl. 1 two folder at a time for each work, one is technical Bid and another financial bid before the prescribed date and time using the Digital Signature Certificate.

Technical Bid: Technical bid contain scanned copies of the following further in two folder.

##### **a.1) Statutory cover containing:**

- i) NIT with all addendum & corrigendum (NIT is to be duly filled up where necessary and each page is to be signed).
- ii) Demand Draft/Pay order towards EMD as prescribed in NIT
  - iii) Tender Form No. 1 (download & upload the same digitally signed)
  - iv) Terms& Conditions (download & upload the same digitally signed)

##### **a.2) Non- Statutory cover containing:**

- i) Income Tax Return (For last 3 years).
- ii) Last 3 years Trading and Profit & Loss with balance sheet& complete Audit Report(3CD).
- iii) Pan Card.
- iv) Professional Tax Enrolment certificate with current year challan and PTPC.
- v) Valid Trade License
- vi) Work order, Completion Certificate with Payment Certificate for the work in technical credential.
- vii) Bank Solvency Certificate in Current Financial Year.
- viii) Technical Personnel appointment with qualification Certificate.

NOTE : Failure of submission of any of the above mentioned documents ( as stated a.1 & a.2 ) will render the tender liable to summarily rejected for both statutory and non- statutory cover.

THE ABOVE STATED NON-STATUTORY / TECHNICAL DOCUMENTS SHOULD BEARRANGED IN THE FOLLOWING MANNER.

##### **v) Financial Bid**

a) The financial Bid should contain the following documents in one folder i.e. Bill of Quantities (BOQ) .The Contractor is to submit the rate through online in space marked for quoting rate in the BOQ.

b) Only Downloaded copies of the above documents are to be uploaded,virus scanned & Digitally signed by the contractor.

# INSTRUCTIONS TO BIDDERS

## Section 1. Introduction

### 1.1 Scope of Work

The bidder's scope of work shall include survey, design and construction of a 2 (Two) Lane Bridge as per approved drawing and technical specification on **EPC MODE/TURNKEY BASIS** (Planning, Design & Execution) in Kolkata. Bids are invited from eligible agencies fulfilling the criteria, for execution of the Project, in four parts as follows:-

(a) Design of .....**Reconstruction of distressed Chetla lock Gate Bridge after dismantling the existing corroded steel structure Bridge as per approved drawing and technical specification, in Kolkata.**

(b) Working out all technical details including design, survey, Geotechnical investigation and drawing in conformity with the proposed **Reconstruction of distressed Chetla lock Gate Bridge after dismantling the existing corroded steel structure Bridge** as per approved drawing and technical specification in Kolkata.

(c) The existing distressed /corroded structure of the bridge will be dismantled and stacked at Nonadanga by the executing agency to enable the authority for option and the rate to be quoted should include reconstruction after dismantling .

(d) Construction of the above Bridge within a period **of 6 (Six) months**, from the date of execution of the Contract.

(e) The detailed construction plan of the above flyovers shall need to be approved prior to construction. The Selected Bidder shall not only execute the approved plan but also undertake the defect liability of the constructed Bridge / Flyover above for a period of 5(five) years after successful commissioning of the Project.

#### **N.B. –**

1. **Bidders shall note that under unavoidable situation there may be further modification in the final alignment plan of the bridge during execution stage, depending upon the availability of land which may cause variation in the area of the approach roads, area of the viaduct, from the tender drawing of the bridge within the range of (+)(-) 3% (three percent).The bidder should consider such variation within his quoted rate. In the event of such variation being more than (+) 3% (three percent), payment shall be made by adding on pro-rata basis as per Payment Breakup Schedule of Works (Execution) under Terms and Procedure of payment. In case the variation in the area of the approach roads, area of the viaduct as per approved drawings is less than the drawings provided in the tender document,**

payment shall be made by deducting on pro-rata basis as per Payment Breakup Schedule of Works (Execution) under Terms and Procedure of Payment.

2. All design shall confirm to current IRC & MORTH Specifications and BIS code.
3. The Selected Bidder has to get the proof checking of structural design and drawings of the Bridge / Flyover above done by any Indian Institutes of Technology or RITES Limited or Jadavpur University (JU) or Indian Institute of Engineering, Science and Technology (IEST) before execution of the work at their own cost. Besides, the Selected Bidder will also have to provide fitness certificate from the aforesaid Institution/Agency after completion of the project at its own cost. The Selected Bidder shall be entitled to make revisions to the specified designs and drawings of the flyovers along with alignment which are provided by KMDA and modify such designs and drawings as may be required and shall get such revised drawings and designs approved by the proof consultant and KMDA.
4. All taxes/cess etc. payable in connection with the project will be payable by the bidder during tenure of the contract and will be recovered from the running account bill of the Selected Bidder.

**Scope of Work of the Project:**

- ❖ Topographic Survey
- ❖ Soil Investigation
- ❖ Construction of RCC Pile and Pile Cap Foundation
- ❖ Supply and Installation of Pot Bearings
- ❖ Fabrication and Erection of structural steel I/Box Girder
- ❖ Construction of RCC Deck slab
- ❖ Supply and Installation of Strip-Seal Expansion Joint
- ❖ Construction of Crash Barrier with railing
- ❖ 25mm Mastic and 40mm Bituminous Concrete as per designed thickness
- ❖ Supply and Installation of Electric Poles with LED lights
- ❖ Thermoplastic Paint
- ❖ Restoration of existing road with required road layers as per existing road in the excavated Pile Cap and RE Wall area and an overlay of 40 mm BC with 25 mm mastic Asphalt and thermoplastic paint.
- ❖ Road signage as per IRC

*Note: Any other items of work not covered in this bid documents but are integral parts for completion of this proposed Bridge project shall be deemed included in this contract and the*

*successful bidder shall be bound to execute those works without charging any additional costs.*

*As it is an EPC i.e. design-built contract, bidders are requested to visit the sites and envisage the span arrangements as per site condition. Successful bidder will take necessary traffic safety measures such as barricading board, various cautionary sign boards, as per requirement of site & Traffic Police department and adequate lighting arrangements during night time to ensure uninterrupted traffic flow.*

**vi) Opening & Evaluation of Tenderer**

Technical Bid will be opened by the Superintending Engineer, Circle-I, R&BSECTOR, KMDA

b) List of technically qualified tenderer would be uploaded.

NB: While evaluation, the Committee may summon of the tenders & seek clarification/information or additional documents or original hard copy of any of the documents already submitted & if they are not produced within the stipulated time frame, their bid will liable for rejection.

**vii) Opening and evaluation of Financial bid:**

Financial bid of tenderer declared technically eligible by the Tender Evaluation Committee will be opened electronically from the web portal on the prescribed date and time. **Penalty for suppression/distortion of facts:** Submission of false document by tenderer is strictly prohibited.

***Superintending Engineer,  
Circle-I, R&B Sector, KMDA***

No. 55/1(11)/R&B/SE/C-I/KMDA/2021-2022

Date:29.09.2021

**Copy with the copy of Notice Inviting Tender is forwarded for information to:**

1. The Deputy Secretary, Public Relations Cell, KMDA (please find 4 (four) Copies of this NIT for Publication in Leading dailies and website of KMDA.
2. The Chief Engineer, R&B, KMDA.
3. The Director of Finance, KMDA
- 4-7. The Superintending Engineer, II / III / IV / V, T&T Sector, KMDA
8. The A.C.F.A., R&B Sector, KMDA
9. The Executive Engineer, North Division, R&B, KMDA
10. The Assistant Engineer, R&B, Circle-I, KMDA
11. Notice Board.



***Superintending Engineer,  
Circle-I, R&B Sector, KMDA***



**DECLARATION BY THE TENDERER**

**‘e’ N.I.T. No. 09/R&B/SE/C-I/KMDA of 2020–2021Dt.04.02.2021**

I/We have carefully gone through the Notice Inviting Tenders and other tender documents mentioned therein. I/We have also carefully gone through the **Bill of Quantities (BOQ), General Terms & Conditions, Special Terms Condition, Technical Specifications ,KMDA Tender Form No-1 and all other documents, Corrigendum’s uploaded** before the last date of submission which will be part & parcel of the **Contract Document**. I/We shall be bound to **sign all hard copies** of uploaded documents under the NIT, during execution of formal agreement. My/our tender is offered taking due consideration of all factors, and if the same be accepted I/We promise to abide by the stipulation of the Contract Documents and carry out and complete the work up to the entire satisfaction of the Department.

**Name of the Tenderer .....**

**Name of the firm .....**

**Postal Address .....**

**Mobile Number .....**

**Email Id**

**Signature of the Tenderer .....**

**With Seal**