



NEW TOWN KOLKATA DEVELOPMENT AUTHORITY

(A Statutory Authority under Government of West Bengal)

Plot No.DG/13, Premises No. 04-3333, Action Area-ID,

New Town, Kolkata -700156

Ph. No. 033-3505-0000 (ext 109) Email Id: seme@nkda.in

Memo No. 1372 /E-1114720/NKDA/EE-E/2024-25

Date: 18/02/2025

NOTICE INVITING ONLINE ITEM RATE TENDER NO.:
WBNKDA/40/EE-E/NKDA OF 2024-25(2nd Call)

> SCHEDULE OF IMPORTANT DATES OF BIDS:

Sl No.	Particulars	Date & Time
I	Date of uploading of NieT and other documents	18/02/2025
II	Documents download start date (Online)	18 /02/2025 from 06:55 PM
III	Documents download end date (Online)	05/03/2025 at 06:55 PM
IV	Bid submission start date (Online)	19/02/2025 from 12:00 PM
V	Bid Submission closing	05/03/2025 up to 10:55 PM
VI	Bid opening date for Technical Proposals (Online)	07/03/2025 at 11:00 AM
VII	Last date of uploading list for Technically qualified Bidder(online)	Will be intimated in due course
VIII	Date of opening of Financial Proposal(online)	Will be intimated in due course
IX	Last date of intimation to the successful bidder	Will be intimated in due course
X	Validity of bid.	180 days w.e.f the date of opening of financial bid.
XI	Completion Period of the works	02 (Two) years
XII	Maintenance Period	02 (Two) Years.
XIII	Detailed Tender Documents can be downloaded from	NKDA website/ wbtenders.gov.in .

FOR

The Executive Engineer -E on behalf of Chief Engineer/NKDA invites Online (e-Quotation) item rate tenders in TWO BID SYSTEM from reliable, resourceful, Bonafide, and experienced firms/companies / individual contractors having requisite financial capability and sufficient technical credentials on the execution of similar nature of work. The details are given below:

Sl.	Name of the work	Estimated Amount (Rs.)	Initial Earnest Money (Rs.)	Cost of Bid Documents (Rs.)	Period of Completion
1.	Operation and maintenance of NKDA Drone cell.	The agency has to quote	Rs. 1,50,000.00 (Rupees one lakh and fifty thousand) only	N. A	02 Years

1.	Eligibility Criteria for "Pre-Qualification"	<p>1. The bidder should be a registered Indian Company under "The Company Act, 1956/2013"/ Partnership firm/ Proprietorship firm/LLP/contractor license.</p> <p>2. The Agency should have successfully completed a similar nature/drone work /drone survey & mapping/ drone operation & maintenance having a single tender value of at least in a single contract i.e. <u>Rs.22,50,000.00 only.</u></p> <p style="text-align: center;">OR</p> <p>The Agency should have successfully completed 2(two) Nos. a similar nature/drone work /drone survey & mapping/ drone operation & maintenance having value of at least <u>Rs.15,00,000.00 only.</u></p> <p style="text-align: center;">OR</p> <p>The Agency should produce credential of one single running work of a similar nature/drone work /drone survey & mapping/ drone operation & maintenance which has been completed to the extent of value of which is not less than the <u>Rs. 22,50,000.00 only.</u> (In case of running works, only those tenderers who will submit the certificate of satisfactory running work from the concerned Executive Engineer, equivalent competent authority will be eligible for the 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/ tenderer), in the last Five Financial years from the date of issue of NIT in any Government/Semi-Government/Undertakings/ Autonomous/ Statutory bodies/ Local Bodies. Credentials/completion certificates/ payment certificates of any sub-contract work shall not be accepted.</p> <p>N.B.: - Nature of work, estimated amount, Date of Completion of project and detail communicational address of client must be indicated in the credential certificate.</p> <p>3. Joint Ventures/MOU will not be allowed.</p> <p>4. Average Annual Turn Over from Contracting business should be equal to or more than <u>Rs. 30,00,000.00 only.</u></p> <p>3. Documents to be submitted in technical bid:</p> <ol style="list-style-type: none"> Work Completion Certificate as Credential Filled up Form-I Filled up Form-II Filled up Form-III
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		<p>e. Filled up Annexure-I</p> <p>f. Copies of registration details of the Name, address, etc of the Firm.</p> <p>g. Copy of pan card</p> <p>h. Latest Income Tax return</p> <p>i. GST Registration No. with relevant document.</p> <p>j. Audited Balance Sheet of last financial years. (23-24)</p> <p>k. Relevant document in support of annual turnover.</p>
2.	Earnest Money Deposit	<p>Rs. 1,50,000.00/- (Initial)</p> <p><u>THE EARNEST MONEY SHALL BE DEPOSITED BY THE BIDDER ELECTRONICALLY:</u></p> <p>The Earnest Money shall be deposited by the bidder online through his net banking-enabled bank account, maintained at any bank or through any bank by generating NEFT /RTGS challan from the e-tender portal. Intending Bidder will get the Beneficiary details from the e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank to the Beneficiary Bank Account No. The name of Beneficiary bank (at present ICICI Bank), Account No. & IFSC Code are given in the e-tender portal. The details of deposition of EMD can be obtained from the following link, “wbtenders.gov.in → Home Page → Bidders Manual Kit → Help for on-line receipt and refund of EMD”</p> <p>Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site. Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires time for processing of Payment of EMD and Bid can be submitted only after receipt of EMD.</p> <p>NOTE: Earnest money through offline instruments like Bank Draft, Pay Order etc. will not be accepted for e-tender procurement of this office.</p>
3.	Bid document Requisition	<p>Bid Document is available in the NKDA's official website www.nkdamar.org and www.wbtenders.gov.in. Bidders who have registered with National Informatics Centre (NIC) can participate in the tender. Interested bidders shall register with NIC in advance. Necessary assistance can also be obtained from the Office of the EE (E), NKDA. Document requisition shall be done as per instruction given in ITB.</p>
4.	Document download start date	19.02.2025 from 6:55 PM
5.	Document download end date & time	05.03.2025 at 10:55 AM
6.	Bid submission start date	19.02.2025 From 12:00 PM through E-portal. It may be reiterated that the bidders shall submit the technical and financial bid only through online by following online bid submission procedure.
7.	Last date of Online submission of Technical Bid and Financial Bid.	On 05.03.2025 at 10:55 AM
8.	Opening of technical bid	On 07.03.2025 at 11:00 AM at the Office of the Executive Engineer (Electrical), New Town Kolkata Development Authority, Administrative building Plot No – DG/13, Premises No – 04-3333, Action Area-1D, New Town, Kolkata - 700156

9.	Technical Bid Evaluation	The technical bid will be evaluated by the respective evaluation committee of NKDA.
10.	Date and time of opening of Financial Bid submitted online of only the technically qualified bidders	<u>To be intimated after evaluation of Technical Bid.</u>
11.	Financial Bid	The rate shall be quoted in Item Rate against the tender value
12.	Validity of Bid	180 days from the date of declaration of L1
13.	E-Tender registration and bidding	<p><u>ONLINE BIDS:</u></p> <p>The bidders interested to submit the bid Online shall get registered and get a digital signature as per the procedure described below:</p> <ul style="list-style-type: none"> • Online Tenders can be submitted by logging in www.wbtenders.gov.in • <u>ONLINE BID SUBMISSION:</u> <p>The Bidders are required to submit the Technical and Financial Bid documents ONLINE i.e. uploading of the documents complete in all respect by following the Online Bid submission procedure.</p>
14.	Important Instructions	<ul style="list-style-type: none"> • Names of the technically qualified bidders as per the bid criteria after verification & evaluation will be displayed in the e-portal, this office notice board and official website. • The financial bid documents of the technically qualified bidders will only be opened. • List of Financial comparison chart of bidders will be published subsequently after opening the financial bid. EE (E),NKDA (TIA) on behalf of the Chief Engineer, NKDA reserves the right to reject or cancel any or all pre-qualification documents and bid document without assigning any reasons whatsoever. • All duties, taxes, royalties, cess, including 1% Cess under W.B. Building and other Construction Workers (Regulation of Employments & Condition of Service) Act, 1996], toll, taxes and other levies payable by the Contractor under the Contract to the State / Central Government for any other cause. 1% Cess under W.B. Building and other Construction Workers (Regulation of Employments & Condition of Service) Welfare Cess Act, 1996 will be deducted from the running bills. • To keep the work in good condition during the operation period if any additional / excess work is required over the stipulated quantity in the schedule for routine maintenance work, the same will be treated as part of defect liability and the Contractor has to do the maintenance work at his own cost. • The intending bidders are requested to inspect the work site before quoting their rates.

INFORMATION TO THE BIDDERS (ITB)

1. Request for Tender

Request for tender paper is to be placed online only through the NKDA Website/ www.wbtenders.gov.in

2. Submission of Tender

The tender will be submitted in two bid systems i.e. Technical bid & Financial bid.

3. Online Bid submission procedure

- i. *Registration of Contractor:* Agencies/Bidders who are interested in participating NKDA's e-tenders will have to be enrolled & registered with the Government e-Procurement system, through logging on to <https://etender.wb.nic.in>. They are requested to contact to the toll-free Help-line No. 1800 3070 2232 of National Informatics Centre for registration, computer setting and other clarification on e-tendering.
- ii. *Digital Signature certificate (DSC):* Each contractor is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) having Signing and Encryption certificate for submission of tenders, from the approved service provider of the National Information's Centre (NIC) on payment of requisite amount.
- iii. The contractor can search & download NIT & Tender Documents electronically from computer once he logs on to the website www.wbtenders.gov.in using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.
- iv. *Submission of Tenders:* General process of submission, Tenders are to be submitted through online to the stipulated website in two folders at a time for each work, one in Technical Bid & the other is Financial Bid before the prescribed date & time using the Digital Signature Certificate (DSC). The documents are to be uploaded duly Digitally Signed. The documents will get encrypted (transformed into non readable formats).

A. Technical Bid:

The Technical bid should contain scanned copies of the following documents (all in PDF files) and uploaded under "Other Important Document (OID)" of the e-tender portal.

1. NIT (Properly upload the same Digitally Signed).
2. Condition of Contract
3. Scanned Copy of documents towards Earnest Money Deposit (EMD) as prescribed in the NIT.
4. Duly filled in FORM-I (Declaration for Credential)
5. Duly Filled in FORM-II (Declaration for Turn-Over)
6. Duly Filled in FORM-III (Details of bidder)
7. Duly Filled in Affidavit as given under Annexure-I
8. Applicants should have a similar nature/drone work /drone survey & mapping/ drone operation & maintenance work experience.

AND

All the documents as given under TECHNICAL BID (Clause 3.1.1 Mandatory Documents)

Note: - Failure of submission of any of the above-mentioned documents (as applicable) will render the tender is liable to be rejected.

B. Financial Bid:

The financial proposal should contain the following documents in one cover (folder) i.e. Bill of quantities (BOQ):

The contractor is to quote the rate online through Computer only in the space marked for quoting rate in the BOQ. Only downloaded copies of the above documents are to be uploaded in (Excel file) Digitally Signed by the contractor.

3.1 TECHNICAL BID

3.1.1 Mandatory Documents

Relevant documents must be uploaded online for participating in this tender. If the relevant documents are not submitted online within the stipulated date & time, then bid of the applicant shall summarily be rejected and the bid offer shall not be opened. The Details of Mandatory Documents are given below:

- i) The bidder should be a registered Indian Company under "The Company Act, 1956/2013"/ Partnership firm/ Proprietorship firm/I.LP/contractor license.
- ii) Completion certificate along with details of similar type of project/job under any Government / Semi Government / Undertakings / Autonomous / Statutory bodies/ Local bodies, with requisite single tender value (in accordance with Clause 3.1.5.1).
- iii) GST registration No with relevant document
- iv) Audited Balance Sheet of last Financial Years (23-24).
- v) PAN Card (Xerox Copy)
- vi) Income Tax return of last financial year.

Note: The tender will be summarily rejected if any of these documents are not submitted online.

3.1.2 Additional Documents for the Bid (to be submitted in Non-Statutory Cover)

- i) Registration details with any Government or Semi-Government or other organization.
- ii) All the disputes arising from the provisions of the said agreement come under the jurisdiction of Calcutta High Court or any other competent court as the case may be.
- iii) Documents of proof of ownership or hire of the machineries/equipments.
- iv) Any other information to indicate technical management competence.

3.1.3 THE EARNEST MONEY SHALL BE DEPOSITED BY THE BIDDER ELECTRONICALLY:

The Earnest Money shall be deposited by the bidder online-through his net banking enabled bank account, maintained at any bank or through any bank by generating NEFT /RTGS challan from the e-tender portal. Intending Bidder will get the Beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank to the Beneficiary Bank Account No. The name of Beneficiary bank (at present ICICI Bank), Account No. & IFSC Code are given in the e-tender portal. The details of deposition of EMD can be obtained from the following link,

"wbtenders.gov.in → Home Page → Bidders Manual Kit → Help for on-line receipt and refund of EMD"

Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site.

Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires time for processing of Payment of EMD and Bid can be submitted only after receipt of EMD.

NOTE: Earnest money through offline instruments like Bank Draft, Pay Order etc. will not be accepted for e-tender procurement of this office.

3.1.4 Average Annual Turnover

The average Annual turnover from the contracting business for the past financial years of the firm should be more than Rs. 30,00,000.00.

3.1.5 CREDENTIAL

3.1.5.1 Technical:

The Agency should have successfully completed a similar nature/drone work /drone survey & mapping/ drone operation & maintenance having single tender value of at least Rs. 22,50,000.00 only.

OR

The Agency should have successfully completed 2(two) Nos. a similar nature/drone work /drone survey & mapping/ drone operation & maintenance having single tender value of at least Rs. 15,00,000.00 only.

OR

The Agency should produce credential of one single running work of a similar nature/drone work /drone survey & mapping/ drone operation & maintenance which has been completed to the extent of _ value of which is not less than the Rs. 22,50,000.00 only. (In case of running works, only those tenderers who will submit the certificate of satisfactory running work from the concerned Executive Engineer, equivalent competent authority will be eligible for the 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/ tenderer), in the last 5 (five) financial years from the date of NIT in any Government / Semi Government / Undertakings / Autonomous / Statutory bodies / Local bodies. Credential/completion certificate/ payment certificate of any sub-contract work shall not be accepted.

The completion certificate to be uploaded shall necessarily mention the Work Order reference and date, date of commencement and date of completion of work, major items executed under the said work and final completed value of work in the technical bid for verification of the credential. Only Work Order or only Payment certificate shall not be treated as credential. After opening the technical bid, the Tender Inviting Authority may request the bidders to submit any additional documents for any clarification (if necessary) before the opening of the financial bid. The same shall be communicated through email. The Technical Bid may be declared non-responsive if the requisite documents are not furnished by the bidder for ascertaining the Technical Credential.

3.1.5.2 Form – I for fully (100 %) completed works during the last 5 (five) years from the date of NIT will only be accepted. The tenderer should attach the said certificate under their signature along with the tender documents. The similar nature of work is mentioned in the Form-I, therefore agencies who have completion certificate against any of the works mentioned in Form-I shall be eligible for this tender.

3.1.5.3 The Completion Certificate should be pertaining to the work specified in the NIT. The completion certificate should not be misleading the authority. If the completion certificate has mention on multiple nature of works executed by the agency in a single tender including the work specified in this NIT, then the value of the work as specified in this NIT will only be taken into account for evaluating the eligibility of the bidder. The decision of the authority in this respect is final and binding.

3.1.5.4 Financial

The average Annual turnover from the contracting business for the past financial years of the firm should be more than Rs. 30,00,000.00.

of the aggregate cost of works in which the contractor intends to participate. Annual Turnover statement shall be submitted in the Form-II in addition to the Audited Balance Sheet of the last three financial years authenticated by Chartered Accountant.

3.1.6 If the applicant is an authorized signatory, he should submit document of authorization (Power of Attorney) in his favour along with the application. In case of Partnership firm, copies of the partnership deed are to be submitted along with the tender document.

3.1.7 Penalty for suppression / distortion of facts:

If any tenderer fails to produce the hard copies of the documents (especially Completion Certificates, audited balance sheets or any document which is vital for his eligibility), or any other documents within the specified time frame stated above or if any deviation is detected in the hard copies from the uploaded soft copies or if there

is any suppression of fact during any time of the tendering process or even after the issuance of work order, the tenderer will be suspended from participating in the tenders on e-Tender platform for a 2 (two) years. Additionally, the EMD submitted by the bidder shall be forfeited by the Tender Inviting Authority without assigning any reasons to the bidder.

3.2 FINANCIAL BID:

1. Single rate shall be quoted in the financial bid.
2. The rate quoted by tenderer shall be inclusive of all elements of taxes (including GST) and duties, demands, etc. The tenderer shall include income tax as applicable, octroi if any, toll, ferry charges, local charges, royalties, turn over tax and all other charges as applicable while quoting the rate.
3. All other charges like insurance charges, freight etc as would be required for completion of the work shall also be included in the rate quoted. No claim whatsoever in this account shall be entertained.
4. Tax Invoice(s) needs to be issued by the supplier for raising claim for the bill under the contract showing separately the tax charged in accordance with the provisions of GST Act, 2017.
5. The Quoted price is firm, inclusive of all applicable taxes and no escalation will be admissible during the pendency of the contract in the event of any increase of prices of materials or as a result of Government Notification.
6. Bidders are requested to quote rates considering GST @18% apart from income tax deduction if any. If the GST rate varies, then the bidder is eligible to get the difference

3.3 Taxes & duties to be borne by the bidder:

It may again be reiterated that Income Tax, Royalty, Construction Workers Welfare Cess and similar other statutory levy / cess etc. will have to be borne by the contractor while executing the work.

3.4 Site inspection before submission of tender:

Before submitting any tender, the intending tenderer should make themselves acquainted thoroughly with the local conditions prevailing at site by actual inspection and taking into consideration all factors and difficulties likely to be involved in the execution of work in all respect and no claim whatsoever will be entertained on this account afterwards.

3.4.1 Conditional and incomplete tender:

Conditional and incomplete tenders shall be summarily rejected.

4. Acceptance of Tender:

Lowest valid rate may be accepted; however, the undersigned does not bind himself to do so and reserves the right to reject any or all the tenders, without assigning any reason.

5. Payment

The payment will be made quarterly on the raising of the invoice by the vendor as per the work executed subject to the satisfaction of EIC.

No financial claim in case of any delay in payment will be entertained. Payment for the works done by the contractor will be based on recorded and accepted measurements at various stages of work. Acceptance of measurements put for payment to be invariably made by putting the signature (with seal) of the contractor (or his/ their authorized representative). The contractor or his / their authorized representatives are advised to take measurements jointly with the officials of NKDA. In case of failure on his/their part either to take measurement jointly and /or acceptance of the recorded measurement, within a reasonable time, the measurement taken by the department shall be considered as final for making payment. Similar acceptance is also essential for level records and survey data, field books, etc.

6. Security Deposit

6.1 The bidder shall be required to properly maintain the work including all its components recorded in the MB. 10% / per WB govt order will be deducted from each RA bill as Security Deposit. The EMD shall be adjusted with the Security Deposit. The release of S.D. would be subject to the quality and proper maintenance of the work and its components satisfactorily for the entire security period. Failure to execute proper maintenance of the work will lead to forfeiture of the security deposit.

6.2 An application along with a prescribed format of this office to be submitted for release of S.D. for which the contractor should apply to the authority at least 2 (two) months prior to the last date of defect liability period.

6.3 Security deposit shall be refunded after 90 days from the date of completion.

6.4 Withdrawal of tender:

A tender once submitted shall not be withdrawn within a period of 180 days from the opening of the financial bid of the tender. If a tenderer withdraws his tender within this period without any valid reason, the EMD shall be forfeited.

7. Other Terms & Conditions:

7.1 E-Tendering:

ONLINE BIDS:

The bidders interested to submit the bid Online shall get registered and obtain a digital signature as per the procedure prescribed below:

Agencies/Bidders who are interested in participating in NKDA's e-tenders will have to be enrolled & registered with the Government e-Procurement system, through logging on to <https://etender.wb.nic.in>. They are requested to contact to the toll-free Help-line No. 1800 3070 2232 of National Informatics Centre for registration, computer setting and other clarification on e-tendering.

Online Tenders can be submitted by logging in www.wbtenders.gov.in.

ONLINE BID SUBMISSION:

The Bidders are required to submit the Technical and Financial Bid documents ONLINE by following the Online Bid submission procedure.

a. SPECIFICATION OF WORK:

7.2 Tenderers/Authorized Representatives are requested to be present in person during the opening of technical and financial bids.

7.3 The tender accepting authority may ask any tenderer to submit analysis to justify the rate quoted by the tenderer.

7.4 The Agencies/contractor shall abide by all the labour welfare laws and their modifications from time to time, if any, within the contract period. Minimum labour wages act, labour facilities, E.S.I, P.F, Bonus facilities etc. should be provided as per latest Govt. order/Circulars. In no case, NKDA shall be held responsible for any eventualities in this regard including payment of wages to personnel deployed by the contractor.

7.5 Tenderer can approach only the Tender Inviting Authority, NKDA for any clarification with respect to the tender.

- 7.6 The decision of authority with respect to the tender is final and binding.
- 7.7 All corrections in the tender should be signed with date by the Tenderer. Each of the Tender document and drawings must be signed by the Tenderer.
- 7.8 The Contractor, whose tender is accepted shall within 15 (fifteen) days of issue of LOI has to submit formal agreement. If the contractor fails to perform the formalities as mentioned within the specified period, acceptance of the tender will be liable to be cancelled and the earnest money will be forfeited.
- 7.9 Tenderers who will sign on Tender on behalf of a company or Firm must submit the relevant documents in respect of their competency to do so, failing which their tender will not be considered.
- 7.10 After receipt of the Work Order, the successful tenderer shall submit the work programme and bar chart of execution of the work, establish site office and deploy Site Engineers/technical supervisors/manpower. He shall also maintain Work Order Copy, Drawings, schedule of work and tools & tackles at site to assist NKDA Engineers to carry out necessary checking and supervision of the work.
- 7.11 If substandard works during the execution of work is detected, then the authority shall have right to direct the agency to re-do the work once again as per the specifications specified in the contract without claiming any additional cost etc.
- 7.12 The successful Tenderer shall have to start the work at site within 7 days after receipt of the work order failing which work order shall be cancelled with forfeiture of earnest money deposited with NKDA without assigning any reason.
- 7.13 Sub-letting of the job is not permissible, and the Tenderer must submit one undertaking that he will not sub-let the job under any circumstances. If the authority comes to know that the agency has sub-let the work, then action shall be taken to terminate the contract and the SD money will be forfeited.
- 7.14 All materials & workmanship shall be as per the approved quality and methodology.
- 7.15 An amount equal to 1% of the contract amount will be deducted from the RA bill / final bill on account of "the building and other construction work (regulation of employment and condition of service) Act, 1996" and "The building and other construction work welfare cess Act, 1996" apart from other statutory deductions from bills/ payment due.
- 7.16 No mobilization advance will be paid to the contractor.
- 7.17 Progressive payment will be paid in running account bill after satisfactory completion of work.
- 7.18 Defect liability period starts from the date of completion of the work and release of Security Money (10% of the contract value) will be released as already specified.
- 7.19 No escalation of cost is permissible.
- 7.20 Penalty for Delay: The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor failing which Rs. 500 will be charged per day as penalty for delay up to the date of completion of work and such amount will be deducted from the contractor's bill. If there is any valid reason for delay like disturbance by other agency, any law-and-order issue, natural calamity or force majeure, for any such cases no delay fine shall be imposed.
- 7.21 The contractor shall submit photographs of the site before commencement of the work, at each of the various stages during the execution of the work and after completion of the work. All such photographs are to be submitted at the time of submission of the bill. No separate payment will be made to the contractor for such purpose.

- 7.22** The Agency shall comply with all the rules and regulations regarding safety, security and other statutory obligations of its workers and the Authority will in no way be responsible in any manner in case of any mis-happening with their workers at any place.
- 7.23** In case of any modification/addition/deletion of any item of the works as well as correction in drawings (if any) which has been pointed out during pre-bid meeting will be published by Tender Inviting Authority through publication of corrigendum in the web portal.
- 7.24** The scope of work may be modified as per the discretion of the Authority and the contractor has to accept that modification within the sanctioned amount of the work.
- 7.25** Provision of blacklisting:
- i) Submission of false/ misleading credential or documents during the tender process.
 - ii) Inability to maintain the specification as mentioned in the tender document.
 - iii) Poor performance in execution of the work.
 - iv) Misconduct or noncompliance of the instruction of the authority.
 - v) Negligence /failure to maintain the work within the stipulated time frame during the defect liability period.
- 7.26** Termination of Contract/ Work Order: The authority may terminate the contract/work order due to the following reasons.
- i) Poor Progress of work.
 - ii) Poor Quality of work.
 - iii) Adoption of any unfair means during execution of work.
 - iv) Violation/Non-compliance of any instructions of the authority.

For termination of the contract/work, the authority will issue a 15 days' notice to the agency/contractor to make up the discrepancy/shortfall of the work as instructed by the authority, failing which the contract/work order will be terminated with forfeiture of E.M.D., S.D., Performance Security etc.

- 7.27** Discretion of the authority inviting tender - The tender inviting authority reserves the right to accept or to reject any or all applications/tenders without assigning any reason whatsoever. On matters of dispute the decision of the Chief Executive Officer, NKDA with the approval of Chairman NKDA will be final and will be binding upon both the parties (i.e TIA and the contractor)
- 7.28** Manpower will carry out day-to-day works as directed by the Engineer-in-charge e.g. aerial Videography (Orthophoto/Photogrammetry Survey) by unmanned Aerial Vehicle (UAV-Drone), GIS mapping, canal monitoring, stagnant water inspection & monitoring, Jungle monitoring for identification & information of stubble burning sites, street monitoring, Project specific aerial photography, Road condition, Potholes detection, encroachment monitoring, park & Green verge monitoring, waterlogging monitoring, announcement e.t.c.
- 7.29** Engaged manpower fulfilling the below-mentioned qualifications
- a) One Young Professional (RS & GIS) Person must be capable of handling drone data processing, qualified post-graduate, at least 2 years of working experience in QGIS, Arc GIS Pro, Pix4D, Agisoft Metashape and Autocad and one professional course certificate in drone data processing and Arc GIS Pro.
 - b) One Project Assistant (RS & GIS) Person having at least 1 year of working experience in QGIS, Arc GIS Pro, Microstation, Terramodel, Terrascan, Autocad and one professional course certificate in QGIS and Arc GIS Pro.
 - c) One Project Assistant (PMC) Individual having at least 2 years of working experience in UAV/UAS related Government project handling and management.
 - d) One UAV Pilot Trained UAV Pilot must have a DGCA-authorized RPTOs certified with a minimum of 3 years of experience.

- e) One Co-Pilot Trained UAV Co-Pilot must have a DGCA-authorized RPTOs certified with a minimum of 1 year of experience.

The Bidder shall be responsible for the dedicated team of manpower and alternative manpower needs to be engaged in case of absence of the existing manpower.

- 7.30 The bidder has to cover the following hardware & software comprehensive maintenance of the drone cell for 2 (Two) years. The Cost of repair and replacement of any kind of damage/defect is inclusive of comprehensive hardware maintenance.

Hardware Specification:

- a) 1 No Laptop; 14" inch, Intel Core i3 10Gen, model Dell Vostro 3491. S tag 5917S53.
- b) 1 no Canon G7070 Wireless Ink Tank Color Printer with FAX and ADF.
- c) 1 no Canon MF244DW Digital Multifunction Laser Printer.
- d) Online UPS for Backup SRC3KUX1 APC Smart-UPS RC 5000VA 230V with 12V 100Ah x16nos Exide Batteries for backup.
- e) 49" Large Video Display Screen with CPU intel Core i3 9th Gen (Assemble), Keyboard & Mouse.
- f) 1 no Asus Wi-Fi router.
- g) 1 no AI Workstation (Assemble)

Processor- 1 x AMD 3950X (16c, 32t)

Chipset- AM4+ X 570 Chipset with Wifi 6.0, Crossfire

RAM- 4 x 32GB (Total 128GB) DDR4-3200 Non ECC UDIMM

HDDs- 1 x 1TB SATA Enterprise 7200 RPM 3.5".

SSD- 1 x 512GB M.2

GPU- 2 x NVIDIA RTX 4000-8 GB GDDR6.

- h) 2 no Data Processing Workstation with dual screens (Assemble) LG & Dell Monitor (24" inch), AMD Ryzen 7 , HDD- 1 TB, SSD- 512 GB, RAM- 128 GB, with Nvidia graphic card, Keyboard & Mouse.

- i) 1 No Media Server (Assemble)

Processor- 1 x Intel Core i9-10900K.

Chipset- Intel® Z390 Express.

RAM- 4 x 32GB DDR4-2666 Non ECC UDIMM HDDs- 1 x 2TB SATA Enterprise 7200 RPM 3.5".

SSD- 1 x 512GB M.2 NVMe.

GPU- 1 x NVIDIA RTX 4000-8 GB GDDR6.

- j) Firewall and Managed Switch

Sophos- XG 125 Full Guard Licence 3 yr with VPN Connectivity

Netgear (24 ports) GS7-24T

- k) NAS for Data Storage (120 TB each)

Netgear Ready NAS

CPU- Intel Atom Quad Core C3538

Memory- 2GB DDR4

- l) 1 nos UAV with accessories and Multispectral Payload, Model- DJI Phantom 4 Pro
- m) 1 no UAV with accessories Model- Agribot (Spray Drone)
- n) 1 nos UAV with accessories Model- Matrice 300 RTK with Speaker
- o) 1 no UAV with accessories Model- TAS Dopo (Surveillance)

P) UAV Spare Parts Comprehensive maintenance and supply and delivery of UAV spare parts (Propeller, Gimbal with camera, all types of drone-related sensors, GPS modules, Compass, outer body frame, landing gear, remote controller, motors, power distribution board or any other necessary parts)

Q) Internet Firewall and Connectivity Security arrangement for internet firewall and Supply and delivery of internet connectivity – minimum 20Mbps

R) Comprehensive maintenance of Data Centre, NKDA Drone website and Software Support Maintenance of Data Centre and NKDA Drone website with relevant software update and modification as per EIC requirement.

S) Dorne Insurance All 4 drones (DJI phantom 4 pro, Agribot- Spray drone, matrice 300 RTK, TAS Dope-surveillance) have to cover insurance and comprehensive maintenance. Any kind of damage and repairing work is part of the scope of work.

T) Stationery items Supply and delivery of stationery items such as Pages, printer ink, files, pen etc. and other operating expenses as required to operate the drone cell.

Software Specification:

Bidder will provide full support in terms of updates, and modifications for the smooth running of the existing NKDA Drone Website as per EIC required.

Basic specification of existing software:

Frontend Framework: Typescript

Backend Framework: Nodejs, React

Databases: MongoDB

More relevant information will be provided to the successful bidder. All information including portal source code shall be handed over to the authorities after completion of work.

7.31 Vehicle for Drone Service

The bidder shall provide a vehicle with a driver for daily maintenance of drone operations work as per the EIC requirement. A logbook record has to be maintained from the reporting location for the daily motor cab/maxi cab movement. Daily movements have to be recorded and duly signed. As per the record, payment will be provided per km.

7.32 Supply delivery of mobile handset.

Supply and delivery of Samsung M55, 5G enabled mobile device or equivalent EIC approved for UAV flying, data capture, and planning flight missions. Minimum 12 GB RAM + 256 GB storage, Qualcomm Snapdragon 7 Gen 1 Chipset or similar specifications EIC approved.

7.33 Phantom 4 Pro Battery

Supply, delivery, and testing of Phantom 4 Pro UAV Battery with one year warranty as per requirement time to time EIC approved.

7.34 Matrice 300RTK UAV Battery

Supply, delivery and testing of Matrice 300 RTK UAV Battery with one year warranty as per requirement time to time EIC approved.

7.35 ArcGIS/ licensed versions of similar software:

Supply, delivery, installation, and support of two nos. licensed versions of ArcGIS/ licensed versions of similar software for 2 years will be provided for the work Geo database support, layer creation, updating & modification, performing spatial & non-spatial query, error correction & topology creation, spatial analysis: buffer, merge, clip, join, proximity analysis, data conversion, import & export spatial adjustment, raster georeferencing, symbology, labeling, annotation, raster calculator, field calculator, zonal statistics.

7.36 Autodesk Architecture, Engineering & Construction Collection

Supply, delivery, installation, and support of one updated licensed version for 2 (Two) years of Autodesk Architecture, Engineering & Construction Collection.

7.37 The NKDA drone software for data access and processing should be integrated to the Integrated Command and Control Centre (ICCC) through appropriate mechanism to ensure seamless real time data accessibility from ICCC.

- 7.38 A web-based dashboard should be available to NKDA to monitor the performance of the system at any point of time.
- 7.39 The security deposit will be released after expiry of one year from the end of the operation period provided the system operates successfully for one year post operation period.
8. New Town Kolkata Development Authority reserves the right to increase or decrease the quantum of work as stipulated in the schedule of work for which no change of rate will be allowed.
9. Mobilization advance, time / cost overrun and consequent cost escalation for any material, labour, etc. will not be allowed.
10. All materials are to be procured and supplied at the site of work by the tendered / firm at his / their own cost from an approved reputed dealer/manufacturer. Departmental materials will not be issued under any circumstances unless any such provision is made and accepted latter by both parties. Department unless otherwise stated means New Town Kolkata Development Authority.

Memo No. / 372 /1(8)/E-1114720/NKDA/EE-E/2024-25

Date: 18/02/2025

Copy forwarded for information to:

1. Chief Executive Officer, NKDA
2. Chief Engineer, NKDA
3. Administrative Officer I&II, NKDA
4. Superintendent Engineer, NKDA
5. Finance Advisor, NKDA
6. Finance Officer, NKDA
7. Office Notice Board
8. Official website of NKDA.


18/02/25

Executive Engineer (E)

New Town Kolkata Development Authority

FORM – I
CREDENTIAL CERTIFICATE

1	Name of the work	:	
2	Name of the client	:	
3	Amount put to tender	:	
4	Contractual amount against the tender	:	
5	Date of commencement of work	:	
6	Date of completion as per work order	:	
7	Actual date of completion	:	
8	Amount after full completion of Work (i.e. the total value of work already executed)	:	

I hereby declare that all the statements made above are true to my knowledge. I also understand that any discrepancy found in the above statement will render me liable for cancellation of my tender.

(Signature of the bidder)



FORM – II
STATEMENT ON ANNUAL TURNOVER FROM CONTRACTUAL BUSINESS

This is to certify that the following statement is the summary of the audited Balance sheet arrived from contractual business in favour of for the three consecutive years.

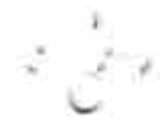
Sl. No.	Financial		Remarks
	Assessment Year	Turnover (rounded of)	
1			
2			
3			
Total			
Average Turnover			

Signature of the Bidder

FORM-III
DETAILS OF THE BIDDER

Sl. No.	Particulars	Details
1	Name of Tendering Company/ Firm/ Agency (Attach certificates of registration)	
2	Name of Proprietor / Director of Company/ Firm / Agency	
3	Full Address of Registered Office, if any	
(i)	Telephone No./ FAX	
(ii)	Mobile No.	
4	Full Address of operating/ Branch Office	
(i)	Telephone No./ FAX	
(ii)	Mobile No.	
5	E-mail Id	
6	Banker of Company/Firm/ Agency with full address (Attach evidence)	
7	PAN No. (Attach self attested copy)	
8	GST Registration No.	
9	E.P.F. Registration No. (Attach self-attested copy) if any	
	E.S.I. Registration No. (Attach self-attested copy) if any	

(Signature of the Bidder with date and Seal)



ANNEXURE-I

SAMPLE FORMAT FOR AFFIDAVIT

1. Sri.....S/o Sri..... aged.....Years, Residing at..... Proprietor/Partner/Director of..... do hereby solemnly affirm and declare in connection with "XXX(Name of Work)" NIT No.- XXXXX of NKDA dated XXX as follows:

1. That I, the undersigned, do certify that all the information furnished & statements made in the bid documents are true and correct to the best of my knowledge and belief.
2. Any departure whatsoever in any form will be considered as breach of contract. In such situation the Department at his liberty may with hold our payment till we rectify the defects or fulfill our contractual obligation. In this connection, authority's decision will be final and binding.
3. The undersigned also certifies that neither we have been backlisted for any work awarded to us, nor any penal action was taken against us by any department of Central Government/State Government/Corporations/Municipal Bodies/ Development Authorities/Panchayats, etc. within the last three years. The undersigned also declares that we do not have any running litigation with any department.

Place:

Date: