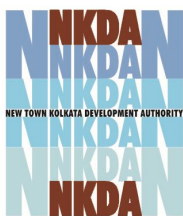


NEW TOWN KOLKATA DEVELOPMENT AUTHORITY



(A Statutory Authority under Government of West Bengal)
03, Major Arterial Road, New Town, Kolkata – 700156

Memo. No. 1458 /NKDA/Engg-36/2010(XI)

Date: 09/04/2020

NOTICE INVITING e-TENDER

Notice Inviting e-Tender No. WBNKDA/41/EE-I/NKDA/2019-20(2nd Call)

Executive Engineer , New Town Kolkata Development Authority invites percentage rate tender from resourceful, reliable, bona-fide and experienced working contractors of KMDA, WBHIDCO, PWD, PHED, Railways and other Govt. and semi Govt. organizations having experience in similar nature of work, and are requested to submit their offer for the work detailed below.

(Submission of Bid through **online**)

List of Schemes :-

Name of work	Estimated Amount (Rs.)	Earnest Money (Rs.)	Price of Tender documents (Rs.)	Period of completion
Installation of IOT enabled outdoor public message boards in new town, kolkata	Rs.62,51,040/- (Rupees sixty two lakh fifty one thousand and forty only)	Rs.1,26,000/- (Rupees one lakh twenty six thousand only)	Rs. 2,505.00 Each set to be paid only by the successful bidder during the time of agreement	2 (two) months

- In the event of e-filling, intending bidder should download the tender documents from the website <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate. All the bidder shall have to submit earnest money & necessary earnest money will be deposited by the bidder through the following payment mode as finance dept. order no-3975-F (Y) dated 28th July 2016
 - Net banking (any of the banks listed in the ICICI Bank payment gateway in case of payment through ICICI payment gateway).
 - RTGS/NEFT through bank account in any bank. The EMD shall be deposited in favour of "New Town Kolkata Development Authority" payable at Kolkata.
- Both Technical bid and financial bid are to be submitted concurrently duly digitally signed in the website <https://wbtenders.gov.in>. The acceptance of lowest bid is not obligatory.
- Corrigendum, further notices and responses to queries if any will be published in the website <https://wbtenders.gov.in> at the appropriate section.
- Tender documents may be downloaded from website and submission of Technical Bid and Financial Bid will be done as per Time Schedule stated

in Sl. No. 14 of this NleT.

5. The FINANCIAL OFFER of the prospective qualified tenderer(s) will be considered only if the TECHNICAL BID of the tenderer(s) is found qualified by competent authority of New Town Kolkata Development Authority. The decision of the competent authority of New Town Kolkata Development Authority will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.
6. In term of Finance Department, Audit Branch, Govt. of West Bengal's Notification no.4374-F(Y) dated 13th July, 2017, the bidder has to uploaded valid 15-digit Goods and service Taxpayer Identification Number (GSTN) under GST Act, 2017, along with his bid. The bidder should note that bid submitted without GSTIN will be summarily rejected
7. In term of finance dept. Govt. of West Bengal G.O. no-4608-F (Y) dated 18th July 2018 when bid rate is 80% or less of Estimated Amount put to tender, the Bidder shall submit Additional Performance Security @ 10 % of the Tendered Amount from any Schedule Bank, before issuance of work order.
8. The Additional performance security shall be submitted in the form of Bank Guarantee from any scheduled Bank before issuance of the work order. If the bidder fails to submit the additional performance security within seven working days from the date of issuance of Letter of Acceptance, his earnest money will be forfeited and other necessary action as per NIT like blacklisting of the contractor, etc. may be taken. The bank Guarantee shall have to be valid up to end of the contract period and shall be renewed accordingly, if required.

9. Eligibility criteria for participation in the tender.

Working Contractors of KMDA, WBHIDCO, PWD, PHED, Railways and other Govt. & semi Govt. organization having satisfactorily completed (as prime contractor)

- a) Similar nature of single work of the minimum value of Rs25,00,500/- (Rupees twenty five lakh five hundred only) during last 5(five) years prior to the date of issue of the tender notice.

OR

- b) Intending tenderer may also produce credential of 02 (two) similar nature of completed work, each of minimum value of Rs.18,76,000/- (Rupees eighteen lakh seventy six thousand lakh only) during last 5(five) years prior to the date of issue of the tender notice.

OR

- c) Intending tenderer may also produce credential of one single running work of similar nature which has been completed to the extent of 80% or more and value of which is not less than the estimated value. In case of running works, only those tenderers who will submit the certificate of satisfactory running work from the concerned Executive Engineer, or 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, i.e, the tenderer.
 - i. Payment certificate will not be treated as credential.
 - ii. Credential certificate issued by the Executive Engineer or equivalent or competent authority of a state/central Government, state/ central Government undertaking statutory/ Autonomous bodies constituted under the central/ state statute,

on the executed value of completed/ running work will be taken as credential.

- d) Intending Tenderer must be financially sound with a minimum average turnover of Rs.50 lakh, (Rupees fifty lakh only) during the last three financial years and having a trade license, G.S.T Registration certificate and Profession Tax certificate.
- e) PAN Card, Income Tax Return Acknowledgement Receipt for the last 03 (Three) Assessment years, P.T.Deposit Challan for the year 2018-2019.
 - i. Registered Partnership Deed for Partnership Firms only along with Power of Attorney since executed under any Judicial Magistrate/First Class Magistrate is to be submitted. The company shall furnish the Article of Association and Memorandum as on-statutory documents.
 - ii. Joint Ventures/MOU will not be allowed.
 - iii. Sub vendors may be engaged on getting their credentials vetted by NKDA in the post tender phase.
 - iv. Three consecutive years' Audit report to be submitted along with Tender documents.

10. Similar work means

Civil construction involving erection of message boards on street side locations including electrical and Electronic equipment complete.

OR

Erection of backlit message boards on MS structure including electrical works.

- 11. Fund for this project has been made available from the Smart City Mission by the New Town Kolkata Green Smart City Corporation Limited.
- 12. On-going payments or part payment for work may be allowed to the executing agency as per existing rules. Subject to deduction of security deposit, progressive payment may be made against the completed or partly completed item of works. Such interim payments, shall be made as running account bill (s), however, shall not be constructed to mean that the respective items / components have finally been approved and accepted by NKDA and the contractor shall not be absolved of his responsibility to set right any deficiency of such paid items / components at his/ their own cost, for rectifying all defects which are subsequently being noted or found.
- 13. No claim for interest or compensation will be entertained in respect to any money or balance of payment which may be due or alleged to be due to the contractor owing to any dispute between the contractor and NKDA or in respect to any delay in making payment of progressive or final bill of the work, to the contractor.
- 14. Payment for the works done by the contractor will be based on recorded and accepted measurement at various stages of work. Acceptance of measurements put for payment to be invariably made by putting 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, 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.

15. No advance and secured advance will be allowed.

16. Idle labour, idle rent and hire charges etc.:

No claim of any category and type, on this ground shall be entertained. The contractor and NKDA shall make every effort that such situation does not arise.

17. Testing and Testing Equipment: Testing of materials, to be used in work and the quality of finished work on quality control aspect, is to be undertaken by the contractor at their own cost, with facilities provided at site and / or through approved (by NKDA) Test Houses / Laboratories. All materials and workmanship shall be in accordance with the specifications laid down in the contract and also as per P.W.D.(Buildings & Road Scheduled) and IS Codes . The Engineer-in-Charge reserves the right to test, examine and measure the material / workmanship direct at the place of manufacture, fabrication or at the site of works or any suitable place. The contractor shall provide such assistance, instrument machine, labour and materials as the Engineer-in- Charge may require for examining, measuring and testing the works and quality, weight or quantity of materials used and shall supply samples for testing as may be selected and required by the Engineer-in-Charge without any extra cost. Beside this, he/they will carry out tests from outside Laboratory as per instruction of Engineer-in-Charge. The cost of all such tests would be borne by the agency.

Should the Chief Engineer or his representative consider it necessary to satisfy himself/themselves as to quality of work, the contractor shall offer sample of work done as necessary, pull down reasonable part of the work required for inspection and testing. The contractor shall bear the cost of pulling down and shall make good the same at their own cost and to the full satisfaction of E-I-C without any claim for payment.

18. Security Deposit:

Retention money towards performance Security amounting to 8% (eight percent) of the value of the work shall be deducted from the running account bill of the tenderer as per prevailing order. No interest will be paid on the money retained for Security Deposit.

19. Date and Time Schedule:

Sl. No.	Particulars	Date & Time
1	Date of uploading of NleT and other documents (online)	09/04/2020/2020.
2	Documents download start date (Online)	09/04/2020 from 4.30 P.M.
3	Documents download end date (Online)	11/05/2020 upto 10.00 A.M.
4	Bid submission start date (On line)	09/04/2020 from 4.30 P.M.
5	Bid Submission closing (On line)	11/05/2020 upto 10.00 A.M.
6	Bid opening date for Technical Proposals (Online)	13/05/2020 at 10.00 A.M
7	Last date of uploading list for Technically qualified Bidder(online)	Will be intimated in due course
8	Date of opening of Financial Proposal(online)	Will be intimated in due course
9	Last date of intimation to the successful bidder	Will be intimated in due course

20. Earnest Money for the successful tenderer will be retained and converted as Initial Security deposit. The Balance security deposit @ 8% will be deducted from on-going bills to cover the total value of work done.
 - a) The security deposit of the successful tenderer will be refunded after defect liability period as stipulated in relevant clause of the agreement to be made in WBF 2911(ii).
21. The tenderers are bound by the terms & conditions of WBF 2911(ii) along with specification, notice for calling Tenders, Special terms & condition, Information to Bidders, Schedule of works etc, which forms a part and parcel of this contract.
22. Income Tax & G.S.T will be deducted as per Govt. orders issued from time to time and would be applicable on the date of making payment of the bills. Building & other construction workers cess @ 1.0% will be deducted from progressive bills in pursuance with G.O. no. 599A/ 4M – 28 / 06 dated 27/09/2006.
23. The Bidder, at his own responsibility and risk is encouraged to visit and examine the site of works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for the work as mentioned in the Notice Inviting Tender, before submitting offer with full satisfaction. The cost of visiting the site, shall be at his own expenses.
24. The intending Bidders shall clearly understand that whatever may be the outcome of the present invitation of Bids, no cost of Bidding shall be reimbursable by the Department. New Town Kolkata Development Authority reserves the right to accept or reject any offer without assigning any reason whatsoever and is not liable for any reimbursement of any cost that might have been incurred by any Tenderer at any stage of Bidding.
25. Prospective applicants are advised to note carefully the minimum qualification criteria before tendering the bids.
- 26. Conditional / Incomplete tender will not be accepted under any circumstances.**
- 27. The intending tenderers are required to quote the rate *online*. The rate should be inclusive of all components and taxes.**
28. Contractor shall have to comply with the provisions of (a) the contract labour (Regulation Abolition) Act. 1970 (b) Apprentice Act. 1961 and (c) minimum wages Act. 1948 and the notification (s) thereof or any other laws relating thereto and the rules made and order issued there under from time to time.
29. During scrutiny, if it comes to the notice of the tender inviting authority that the credential or any other paper found incorrect / manufactured / fabricated, that bidder would not be allowed to participate in the tender and that application will be rejected without any prejudice.
30. If there be any objection regarding prequalification of any Agency the same should be lodged on line to Executive Engineer II, New Town Kolkata Development Authority within 2 (*two*) days from the date of publication of list of qualified agencies and beyond the said time schedule no objection will be entertained
31. Before issuance of WORK ORDER, the Tender Inviting Authority may verify the credential and other documents of the lowest tenderer if found necessary. After verification if it is found that the documents submitted by the lowest tenderer is either manufactured or false in that case work order will not be issued in favour of the said Tenderer under any circumstances and his/their offer will be treated as cancelled.

32. If any discrepancy arises between two similar clauses on different notification, the clause superseding others will be solely as per the discretion of the Tender inviting authority

33. The successful Tendered whose tender is accepted shall make formal agreement in WBF 2911 (ii) along with bid documents in triplicate, within 7 (seven) days from the date of issue of work order by Executive Engineer II, New Town Kolkata Development Authority on payment of usual charges which is non-refundable under any circumstances and submit the same duly signed by him/them to this office. If the contractor fails to perform the formalities within the specified period the Tender is liable to be cancelled and the Earnest Money will be forfeited as per relevant clauses under memorandum of WBF 2911(ii).

34. **Qualification criteria:**

The tender inviting and Accepting Authority will determine the eligibility of each bidder. The bidders shall have to meet all the minimum criteria as stipulated in relevant clauses of this NleT.

35. The eligibility of a bidder will be ascertained on the basis of the document(s) submitted in support of the minimum criteria. If any document submitted by a bidder is either manufactured or false, in such **cases the eligibility of the bidder / tenderer will be rejected at any stage** without any prejudice to take any penal action against him/them as may be deemed fit by the Tender Accepting Authority.

AND

The agency must have the capacity to engage laborers as directed by EIC.

36. The agency should supply the materials as per confirming to IS mark and specification laid down in schedule and also to be taken approval from EIC / his representatives before utilize in work.

37. **No. price preference and other concession as per order no. 1110F dated: 10/02/2006 will be allowed.**

38. Agencies are required to give a work programme preferably in the form of a bar- chart and to get it approved by the EIC (Engineer-in-Charge) before commencement of work and if progress of work abruptly differs from such work programme, the undersigned may terminate the work order at any point of time and penal action as per Tender Terms and conditions will be imposed.

39. Unless otherwise stipulated, all the works are to be done as per general conditions and general specifications of the latest edition of 'PWD (W.B) schedule of Rates for Building, Roads, and Sanitary Plumbing' works for the working area.

40. In case of any inadvertent typographical mistake in the specific price schedule of rates, the same will be treated to be so corrected as to confirm with the prevailing relevant schedule of rates and/or technically sanctioned estimate.

41. Intending tenderer should note that he may have to work simultaneously with other contractors already entrusted with other work or with contractors to be entrusted with other work in future in the same site. The contractor will have to work in close co-operation and harmony with all the contractors engaged in the project. Any claim for idle labour, for any reason whatsoever, will not be entertained under any circumstances.

42. NKDA will not be held responsible for making payment against any anticipated profit and/or compensation for any losses or price escalation whatsoever for the works as stated in the annexure of this NleT. Rates should be quoted accordingly.

43. The address as furnished by the contractor shall be deemed as the postal address of this office. Any notice or instruction to be given to the contractor under the terms of contract shall be deemed to have been served if it has been delivered to his authorized agent (on the strength of authorization) or representative or sent by registered letter to his official address as furnished.
44. Arbitration clause of WBF 2911(ii) stands deleted.
45. 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.
46. Participation in this tender deems that the applicant is fully agreeable to abide all terms and conditions as stated in this Notice Inviting e tender as well as WBF 2911(ii).
47. Mobilization advance, time / cost overrun and consequent cost escalation for any material, labour, etc. will not be allowed.
48. All materials are to be procured and supplied at site of work by the tendered / firm at his / their own cost from approved reputed dealer / manufacturer. Departmental materials will not be issued under any circumstances unless any such provision is made and accepted latter by both the parties. Department unless otherwise stated means New Town Kolkata Development Authority.
49. The offer shall remain valid for 180 days from the date of opening of the tender.
50. Brief Scope of work:

Completion of the following work as per design and guidance of the Engineer in Charge (EIC) to the satisfaction of the EIC at 5 locations on street sides of of New Town Kolkata:

 - i. Visit to each of the 4 new sites to identify the most feasible exact site for positioning the message boards with nearest access point for power mains.
 - ii. Preparation of detail working drawing for installation of the message boards and getting the same approved by the EIC.
 - iii. Visit to the site where retrofitting will be done on existing message board to make it at par with the other 4 backlit message sites.
 - iv. Preparation of foundation for installation of monopole MS frame structure at each of the 4 sites as per design and to the satisfaction of EIC.
 - v. Erection of MS frame structure supported by MS monopoles at each of the 4 sites as per design and to the satisfaction of the EIC
 - vi. Fitting of appropriate cladding and catwalk structure on the monopoles at each site.
 - vii. Appropriate power connection to all the 5 sites appropriate to support the power load at each site by connection to nearest point of underground power mains of WBS&EDCL as per direction of the EIC.
 - viii. Mounting of light fittings, connectors and appropriate box structure with backlit quality vinyl face screens as per specifications.
 - ix. Fitting Air Quality monitors of specified quality and capability connected to the Integrated Command and control Centre (ICCC) for transmission of real-time Air Quality data to the ICCC on all the 5 message board structures
 - x. Finishing with appropriate painting, cladding and fixing of vinyl face screens.

- xi. Complete installation and testing of all components to the satisfaction of the EIC.
- xii. Maintenance and operation of the 5 message boards including mounting/fixing of message screens, washing and cleaning, maintenance of electrical fittings & fixtures, Air Quality Monitors along with their connecting devices and certification of calibration for one year from the date of acceptance of completion of installation by the EIC.

51. Evaluation Method:

Evaluation of the bids will be made on the basis of submitted credentials the opinion of the tender inviting authority will be final on this matter.

52. Enclosure:

- i) Location plan
- ii) Proposed Design
- iii) Approved make list

**Executive Engineer
New Town Kolkata Development Authority**

Memo. No. 1458 /NKDA/Engg-36/2010(X)

Date: 09/04/2020

Copy forwarded for information to:-

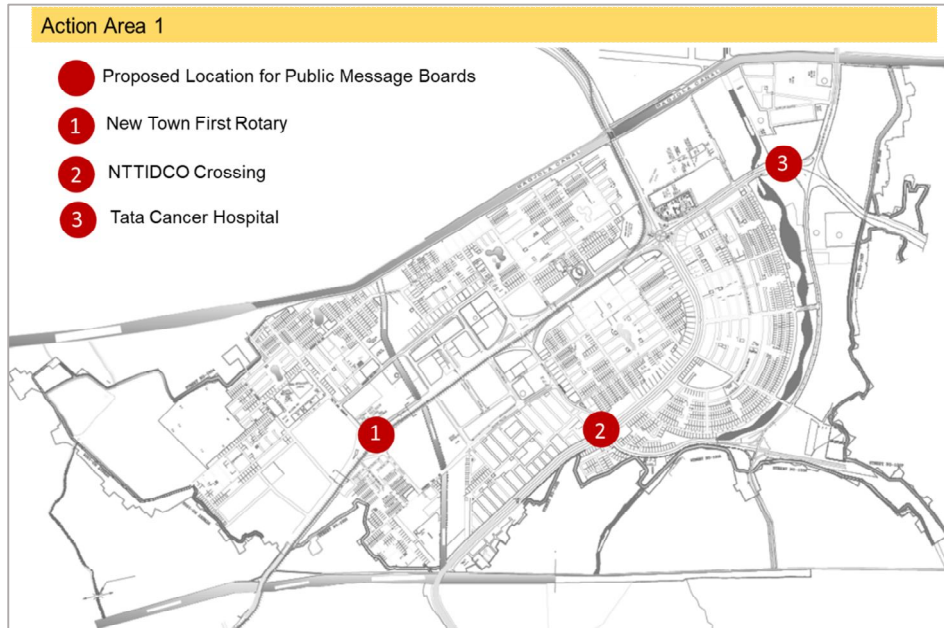
1. The Chief Executive Officer, New Town Kolkata Development Authority.
2. The Chief Engineer, New Town Kolkata Development Authority
3. The Chief Executive Officer, New Town Kolkata Green Smart City Corporation Limited
4. Administrative Officer I & II New Town Kolkata Development Authority
5. Chief Finance officer, NKGSCCL
6. Chief Technical Officer, NKGSCCL
7. Technical Officer, NKGSCCL
8. The Finance Officer, New Town Kolkata Development Authority
9. Executive Engineer-II, Executive Engineer III, Executive Engineer I & ME New Town Kolkata Development Authority
10. The Estimator/ Sr. Accountant / Cashier, New Town Kolkata Development Authority.
11. Office Notice Board.
12. Official Website of New Town Kolkata Development Authority (www.nkdamar.org)

**Executive Engineer
New Town Kolkata Development Authority**

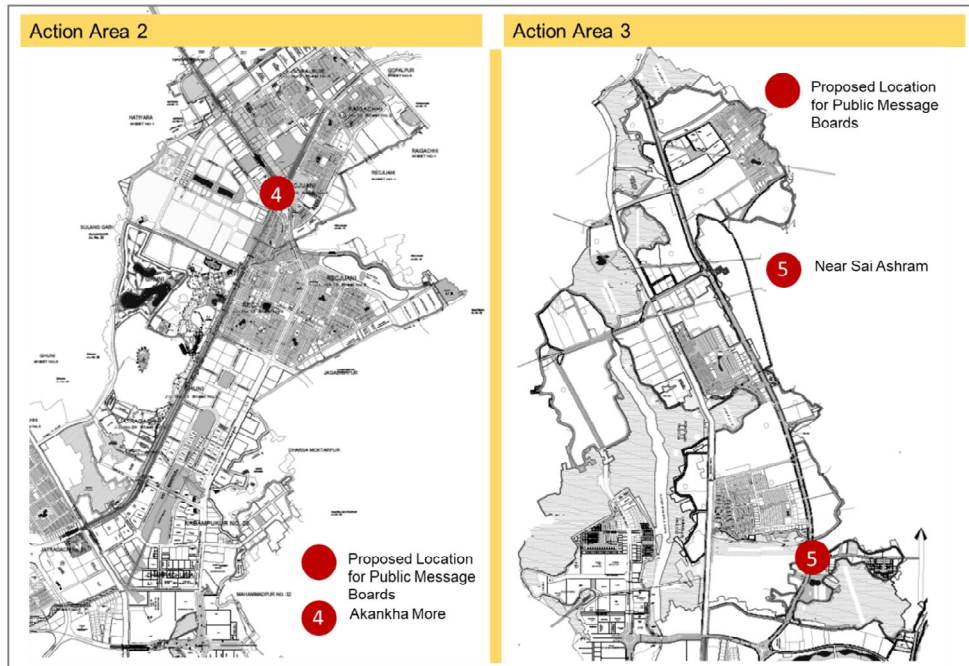
PROJECT LOCATION

Five locations i.e. 3 (three) in Action Area I, 1 (one) in Action Area II and 1 (one) in Action Area III, have been identified for installation of IOT enabled outdoor public message boards. Following maps show the proposed location for installation of the public message boards.

Proposed Location for IOT enabled Outdoor Public Message Boards in Action Area I



Proposed Location for IOT enabled Public Message Boards in Action Area II and Action Area III



has

Each location been

discussed in detail in the following section.

A. Location 1: New Town 1st Rotary

Proposed Location for the Public Message Board in First Rotary, New Town Kolkata, Action Area I



Public message board has been proposed at the first rotary in New Town, Kolkata. It is proposed on the green verge along the lane with traffic moving towards Narkelbagan (HIDCO crossing), in front of the existing NKDA toilet. The board shall be so located as to face the traffic moving along the lane.

Latitude: 22° 34' 55" N, Longitude: 88°27'13" E

B. Location 2: NTTIDCO Crossing

Public message board has been proposed to be installed on the green verge at NTTIDCO Crossing in New Town, Kolkata, as shown on the following map.

Map Showing the Location of the Public Message board at NTTIDCO Crossing



Proposed Location for Public Message Board in NTTIDCO Crossing in New Town Kolkata, Action Area I



C. Location 3: Tata Cancer Hospital

Proposed public message board is to be installed on the green verge in front of the Tata Cancer Hospital parking lot, with the board facing the traffic moving along the lane.

Proposed Location for Public Message Board near Tata Cancer Hospital in New Town Kolkata, Action Area I



Latitude: 22° 37' 15" N, Longitude: 88°27'27" E

D. Location 4: Akankha More

Public message board has been proposed to be located near subway vomitory 4B at Akankha More, with the board facing the traffic moving towards Akhankha More.

Proposed Public Message Board at Akankha More (near Subway 4B) in New Town Kolkata, Action Area II



E. Location 5: Near Jain Ashram, Action Area III (Retrofitting site)

Public message board has been proposed to be located on the green verge at the crossing near Jain Ashram. This location has an existing structure constructed for hoarding. It is proposed to **retrofit the same** structure, befitting installation of backlit public message board.

Proposed location for Public Message board near Jain Ashram, New Town Kolkata, in Action Area III



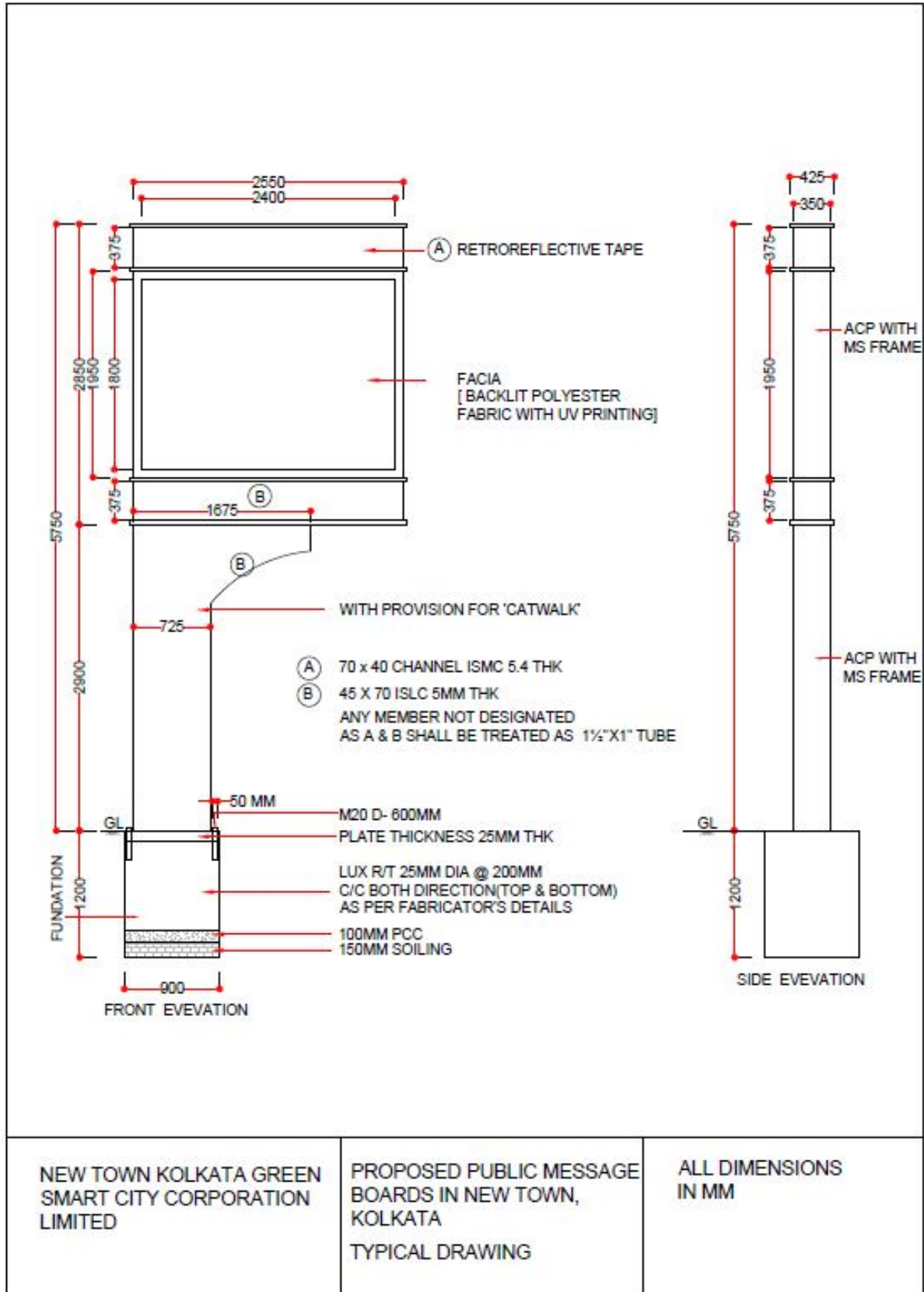
Latitude: 22° 33' 58" N, Longitude: 88°28'59" E

Proposed Design

The project aims to install IOT enabled outdoor public message boards at five (5) locations across New Town, Kolkata, with new poles being installed at 4 locations and retrofitting of existing structure at the fifth location.

A typical drawing showing the proposed design for the new poles for public messages, is given in the following figure. Outdoor public message board has been proposed to be typically a uni-pole structure with single- faced back lit display boards (fascia). The pole is proposed to be of MS frame with ACP and a backlit (LED) polyester fabric fascia. For the new poles, total height has been proposed to be around 5.75 m with the fascia being 2.4m x 1.8 m. For supply of electricity, it is proposed to be sourced from the nearby street lights along with the provision for timer as and where required, except for location 1 where supply shall be sourced from the existing NKDA toilet. For the retrofitted pole (location 5), structure and dimensions are to be designed in accordance with the existing structure. However, required enhancement / augmentation of the structure should be taken in to account as suitable for the proposed use. For supply of electricity to the pole from nearby street lights, micro tunneling might be required.

Regarding the IOT part, public message poles/boards have been proposed to be fitted with ambient air quality monitoring sensors. However, instead of display units, feed from the sensors shall be connected to the Integrated Command and Control Centre, already under construction under Smart City Mission. Air quality monitoring sensors are proposed to cover the quality parameters like PM 2.5, PM 10, CO₂, NO_x, SO_x, CO, O₃ and provided with connectivity suitable for the abovementioned facility of feed.



Approved Make List

MAKE LIST		
SLNO	SPECIFICATION	BRAND
	Civil works	
1	Reinforcement for concrete works	SAIL/TATA/RINL
2	Paint	Berger/ Asian Paints/ ICICI/ Nerolac
3	MS structural works	SAIL/TISCO/UTKARSH/Tata/Jindal/RINL
4	Cement 53 grade	Ultratech/Ambuja /ACC
5	Back lit polyester fabric of 0.13mm thick and 130GSm	In's & Out
6	Self sticking Vinyl stickering	
7	Exterior quality Aluminium Composite Panel (ACP)	Aludecor/ Alstrong/Timex Bond/Alstone
	Electrical works	
1	LED tube light	Philips/Bajaj/Wipro
2	1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire	Havells/Finolex/KEC/KEI/polycab
3	MCB of Breaking capacity 10kA	Legrand/Schneider/Seimens/ABB/L&T/Havells
4	Ambient pollutant monitor system	Fluent Automation
5	Pillar box made of 3 mm MS sheet as per dimension 450 mm x 450 mm x 400 mm	Havells/Siemens/L&T