

NEW TOWN KOLKATA DEVELOPMENT AUTHORITY

(A Statutory Authority Under Government of West Bengal)
3, Major Arterial Road, New Town, Kolkata - 700 156

Memo. No. 7815 /NKDA/Engg-36/2010(X)

Date: 01/10/2019

NOTICE INVITING e-TENDER **Notice Inviting e-Tender No. WBNKDA/24/EE-I/NKDA/2019-20**

Executive Engineer I, 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
Construction of containerized toilets at various Location of Newtown Kolkata.	Rs.1,24,88,626/- (Rupees one crore twenty Four lakh eighty eight thousand six hundred Twenty six only)	Rs.2,49,773/- (Rupees two lakh forty nine thousand seven hundred seventy three only)	Rs. 2,505.00 Each set to be paid only by the successful bidder during the time of agreement	12 months

1. In the event of e-filling, intending bidder should download the tender documents from the website <http://wbtenders.gov.in> indirectly 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 (Annexure-A)
 - i) Net Banking (any of the banks listed in the ICICI Bank payment gateway) in case of payment through ICICI payment gateway).
 - ii) RTGS/NEFT through bank account in any bank. The EMD shall be deposited in favour of "New Town Kolkata Development Authority" payable at Kolkata.
2. 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.

3. 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.
4. 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.
5. 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 upload 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
6. 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.

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 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.

7. 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 work of the minimum value of Rs.49,95,450/- (Rupees forty nine lakh ninety five thousand four hundred fifty only) during 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.37,46,588/- (Rupees Thirty seven lakh forty six thousand five hundred eighty eight) only during 05(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 executed 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.1.3 crore, (One crore thirty 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.
 - ii) 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.
 - iii) Joint Ventures/MOU will not be allowed.**
 - iv) Three consecutive years' Audit report to be submitted along with Tender documents.
8. Similar work means
- i) Work involving steel structure including external land development.
OR
 - ii) Manufacturing and supply of bio toilets.
OR
 - iii) Installation at an outdoor site a steel container (of at least one TEU) converted to be used as office, temporary residence or toilet.
9. On-going payments 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 construed 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.
10. 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.
- 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.

11. **No advance and secured advance will be allowed.** However Part payments may be allowed on delivery of materials, as decided by EIC.
12. **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.
13. **Testing and Testing Equipments:** 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.

14. 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.

15. Date and Time Schedule:

Sl. No.	Particulars	Date & Time
1	Date of uploading of N.I.e.T. & other Documents (online) (Publishing Date)	02-10-2019, 1.00 PM
2	Date and venue of pre bid meeting	18-10-2019 at 2.00 PM NKDA Office at 01, MAR New Town Kolkata 156
3	Documents download start date (Online)	02-10-2019, 1.00 PM
4	Documents download end date (Online)	23-10-2019 up to 1.00 PM
5	Bid submission start date (On line)	02-10-2019, 1.00 PM
6	Bid Submission closing (On line)	23-10-2019 up to 1.00 PM
7	Bid opening date for Technical Proposals (Online)	25-10-2019 at 1.00 PM

8.	Last date of uploading list for Technically qualified Bidder(online)	Will be intimated in due course
9.	Date of opening of Financial Proposal(online)	Will be intimated in due course
10	Last date of intimation to the successful bidder	Will be intimated in due course

16. 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 10% of the total value of workdone.
 - 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 WBF2911(ii).
17. 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.
18. 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 / 06dated 27/09/2006.
19. 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.
20. 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.
21. Prospective applicants are advised to note carefully the minimum qualification criteria before tendering the bids.
22. **Conditional / Incomplete tender will not be accepted under any circumstances.**
23. **The intending tenderers are required to quote the rate *online*. The rate should be inclusive of all components and taxes.**
24. 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.
25. 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.
26. If there be any objection regarding prequalification of any Agency the same should be lodged on line to Executive Engineer I, 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
27. 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.
 28. 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
 29. 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).
 30. **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 NIT.
 31. 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.
32. The agency should supply the materials as per confirming to IS mark and specification laid down in schedule and also to be taken joint approval from EIC / his representatives & technical authorities of NKGSCCL before utilize in work.
 33. **No. price preference and other concession as per order no. 1110F dated: 10/02/2006 will be allowed.**
 34. 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.
 35. 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.
 36. 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.

37. 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.
38. 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 NIT. Rates should be quoted accordingly.
39. 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.
40. Arbitration clause of WBF 2911(ii) stands deleted.
41. 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.
42. 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).
43. Mobilization advance, time / cost overrun and consequent cost escalation for any material, labour, etc. will not be allowed.
44. 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.
45. The offer shall remain valid for 180 days from the date of opening of the tender.
46. The nine locations of the construction are
 - (a) Near New Town Water treatment plant and Tank no. 1 (Street no. 51)
 - (b) At New Town Business Club Parking lot
 - (c) Near Central Mall Parking (Street Number 104/95)
 - (d) Near DLF Subway Gate No.1
 - (e) Near Tank 3 (Street No. 175, Link Canal)
 - (f) Near Lohar pool CG Block Community Market (Street No. 247)
 - (g) Near Smritiban Park (Street No. 101)
 - (h) Near Chittaranjan National Cancer Institute (Street No. 302,299)
 - (i) Near Candor Tech Space (Street No. 368)
47. Brief Scope of work:

Execution of the following work as instructed by the EIC at each of the above nine locations in New Town, Kolkata:

 - i) Supplying, Providing, and Installation of Container Toilet of size 20 ft X 8 ft X 8 ft (Standard Size) as per specification and approved drawing.

- ii) Construction of concrete sub base structure and concealed drainage and water supply system for the containers at designated locations and approved design and drawings.
- iii) Construction of septic tank, inspection pit, soak well and other allied drainage and sanitation structures required for commissioning and full functioning of the container toilets.
- iv) Construction of allied structures for connection of overflow water from the soak well to the existing drainage structures

48. 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.

49. Special Condition:

- i) The selected agency is allowed to engage sub vendors for one or more part of the work provided the credentials of such sub vendors are to be pre-approved by the EIC.
- ii) The selected agency shall remain solely responsible for the performance and/or non-performance of such sub vendors.
- iii) The tender inviting authority may take action against the selected agency for non-performance or substandard performance of the sub vendors.
- iv) The decision of the EIC will be final regarding approval of the credentials of the sub vendors and for assessment of performance of the sub vendors.
- v) The execution and supply of container and its equipments shall be strictly in accordance to the specification and approved make list annexed, any deviation shall be jointly approved by EIC & Technical authorities of NKGSCCL.

50. Enclosure:

- i) Location plan
- ii) Proposed Design
- iii) Approved make list and detail technical specifications.

**Executive Engineer I
New Town Kolkata Development Authority**

Memo. No. 7815 /1(8)/ NKDA / Engg – 36 / 2010 ((X))

Date: 01/10/2019

Copy forwarded for information to:-

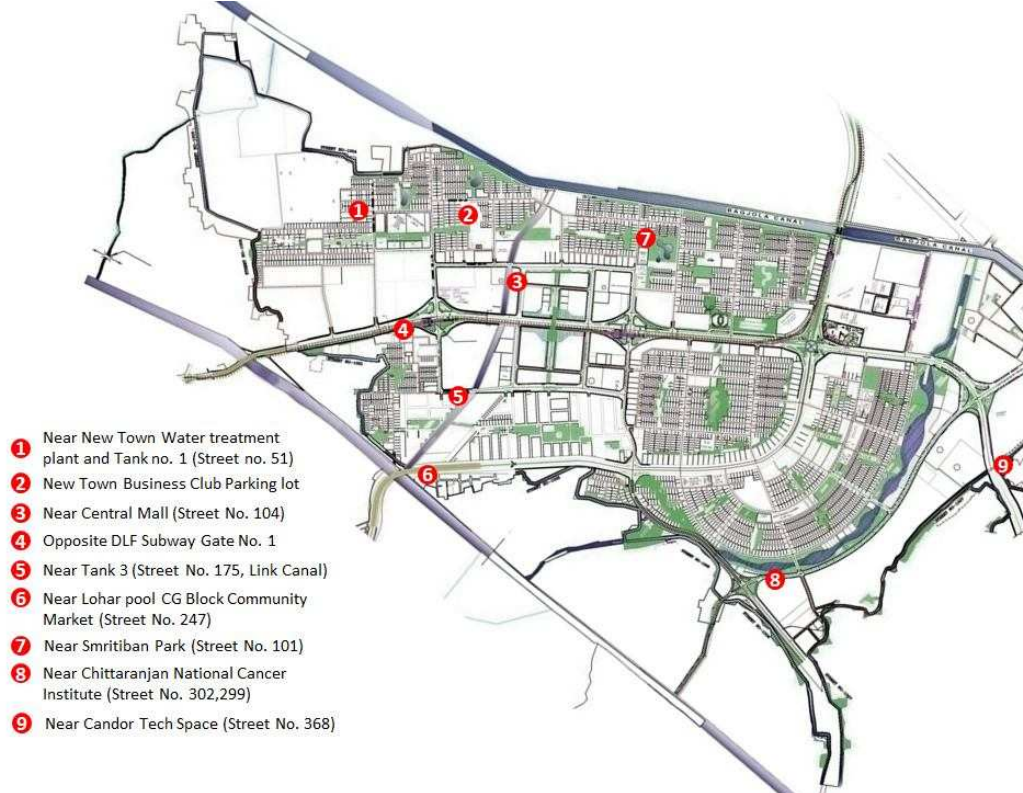
1. The Chief Executive Officer, New Town Kolkata Development Authority.
2. The Chief Engineer, New Town Kolkata Development Authority
3. Administrative Officer I & II New Town Kolkata Development Authority
4. Chief Finance officer, NKGSCCL
5. Chief Technical Officer, NKGSCCL
6. Technical Officer, NKGSCCL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

**Executive Engineer I
New Town Kolkata Development
Authority**

Site location

The site location spread across the whole of ABD area which includes AA-I and AA-II.9 specified locations have finalized by the concerned body.

The ABD area majorly consists of mixed-use development with residential being predominant and several major commercial centers. Container toilets are planned to be implemented in identified locations after the survey of traffic and land use pattern study according to existing conditions in the area. The locations for Container toilets have to be chosen where there are major commercial and public node, busy bus shelters, and the spots belong to a rapidly developing areas. The existing system was analyzed through reconnaissance survey to identify the existing situation of public sanitation in the city.



Proposed project site area

Source: NKDA

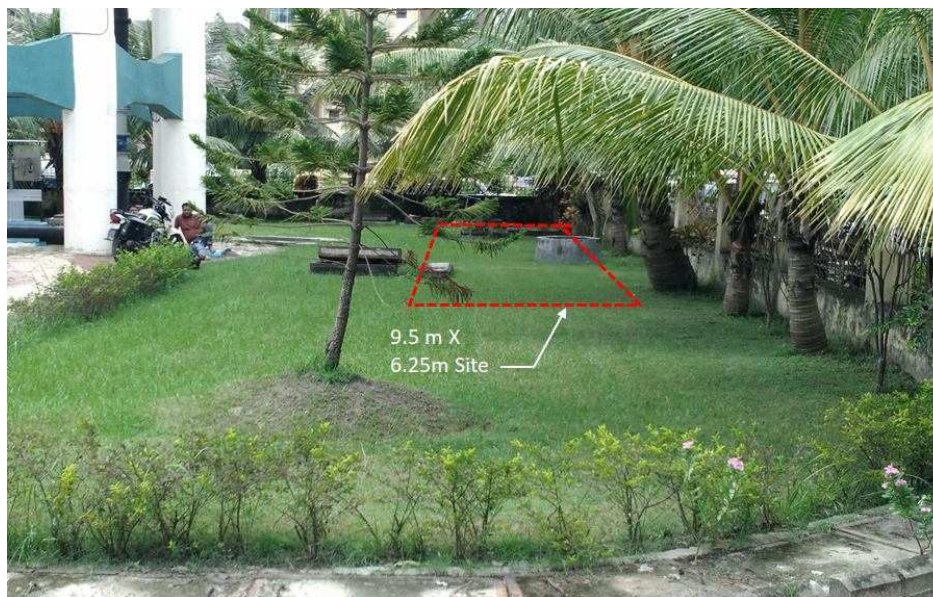
Site 1:**Near New Town Water treatment plant and Tank no. 1 (Street no. 51)**

Being a busy area, there is a need of public toilet; hence a land is identified within the tank premise under PHE department. The site will be adjacent to the road by moving the PHE boundary towards inner side of the premise.



Site 1 Location in Google map (22°35'13.0"N 88°26'59.9"E)

Source: NKDA



Site 1, Existing Site Photograph

Source: NKDA

Site 2:

New Town Business Club Parking lot

One container toilet is planned to locate inside the New Town Business club Parking Lot keeping in mind the need of such facility for the drivers in that area. The Site location with existing photograph is shown below.



Site 2 Location in Google map (22°35'07.4"N 88°27'25.6"E)

Source: NKDA



Site 2, Existing Site Photograph

Source: NKDA

Site 3:

Near Central Mall Parking (Street Number 104/95)

Near Central Mall, there is a parking area of HIDCO land available to install the container toilet. The site area is marked in the following google map and site photographs as well.



Site 3 Location in Google map (22°35'00.5"N 88°27'28.0"E)

Source: NKDA



Site 3, Existing Site Photograph

Source: NKDA

Site 4:**Near DLF Subway Gate No.1**

Near DLF Subway Gate No. 1, Along MAR, there is an HIDCO Land, to be developed as a commercial complex. As it will take around two years to complete the project, a container toilet has been proposed in the setback area at the front of the site to meet the current need of toilet in this area. The site area is marked in the following google map and site photographs as well.



Site 4 Location in Google map (22°34'52.4"N 88°27'02.1"E)

Source: NKDA



Site 4, Existing Site Photograph

Source: NKDA

Site 5:

Near Tank 3 (Street No. 175, Link Canal)

Near Tank 3, along Street Number 175 and beside the link canal culvert, there is a triangular site which is chosen to place one container toilet. The site area is marked in the following google map and site photographs as well.



Site 5 Location in Google map (22°34'41.2"N 88°27'15.8"E)

Source: NKDA



Site 5, Existing Site Photograph

Source: NKDA

Site 6:

Near Lohar pool CG Block Community Market (Street No. 247)

Near the lohar pool, there is a community market building. In front of that building, there is a green space, which is chosen to place one container toilet. The site area is marked in the following google map and site photographs as well.



Site 6 Location in Google map (22°34'28.3"N 88°27'07.8"E)

Source: NKDA

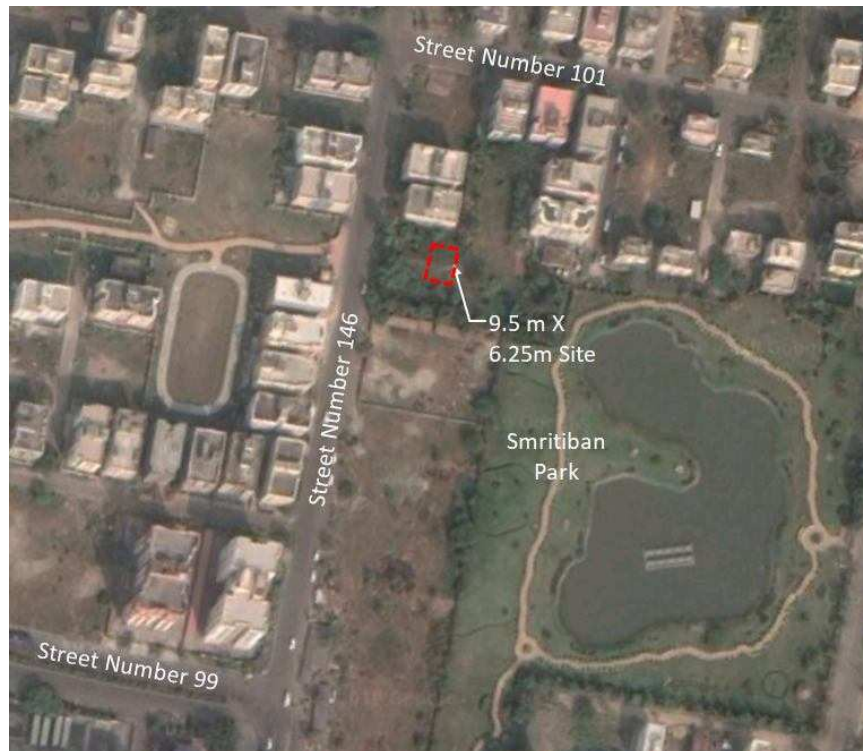


Site 6, Existing Site Photograph

Source: NKDA

Site 7: Near Smritiban Park (Street No. 101)

Near Smritiban Park along Street Number 146, there is a green area, which is considered to place one container toilet. The site area is marked in the following google map and site photographs as well.



Site 7 Location in Google map (22°35'04.4"N 88°27'50.4"E)

Source: NKDA



Site 7, Existing Site Photograph

Source: NKDA

Site 8:

Near Chittaranjan National Cancer Institute (Street No. 302,299)

Opposite Chittaranjan National Cancer Institute, there is a continuous green area between Street Number 299 and the peripheral canal. Within that green area, at the junction of Street Number 299 and Street Number 302, a container toilet has been proposed. The site area is marked in the following google map and site photographs as well.



Site 8 Location in Google map (22°34'06.1"N 88°28'11.1"E)

Source: NKDA



Site 8, Existing Site Photograph

Source: NKDA

Site 9:
Near Candor Tech Space (Street No. 368)

Beside Candor Tech Space, along Street Number 368, there is a green area under HIDCO where a container toilet has been proposed. The site area is marked in the following google map and site photographs as well.



Site 9 Location in Google map (22°34'32.4"N 88°28'50.6"E)

Source: NKDA



Site 9, Existing Site Photograph

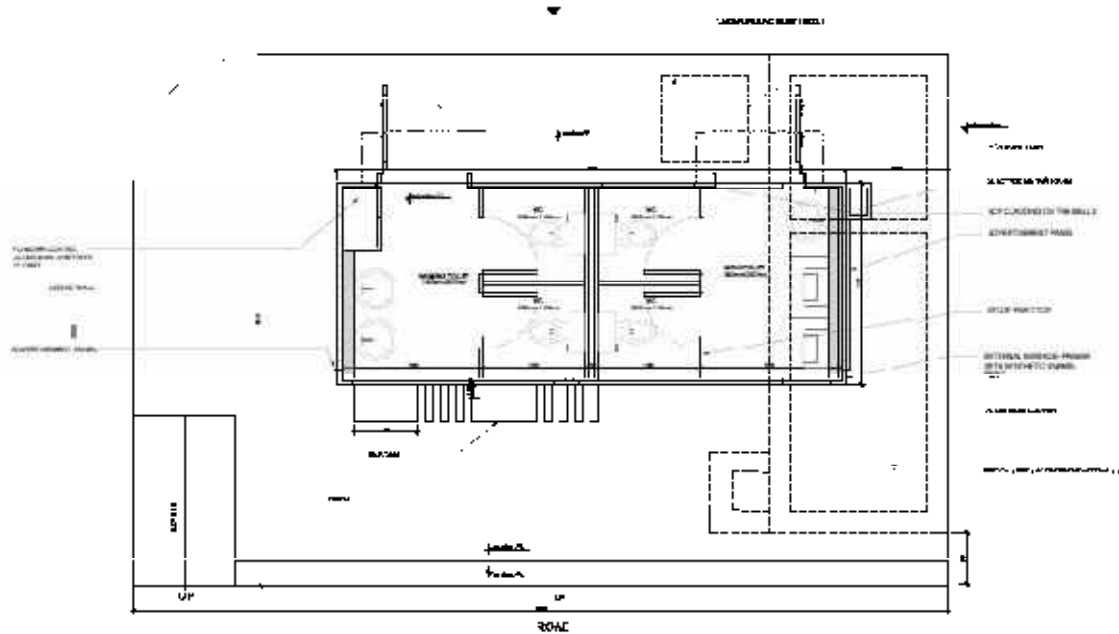
Source: NKDA

Proposed Design

- A cargo container of size 5.894mX2.350mX2.6m is used to modify it into a public toilet with

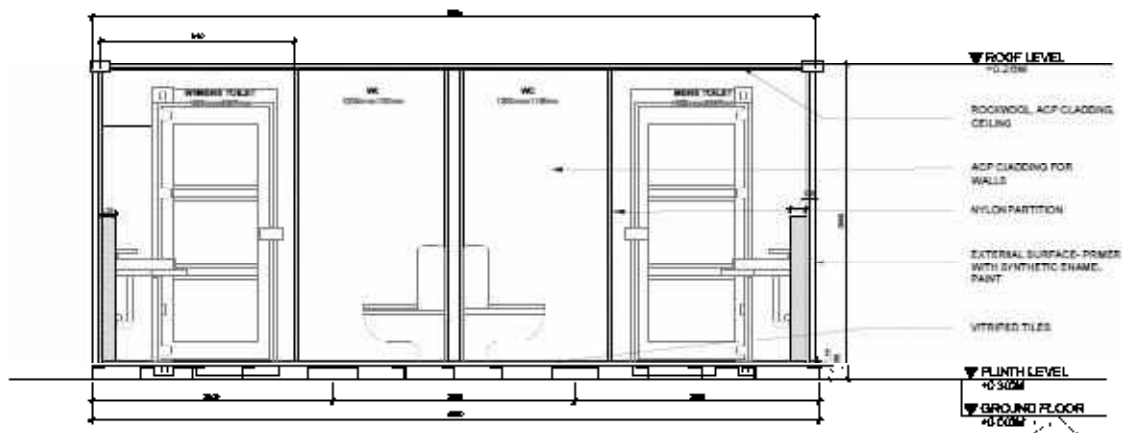
- a) 2 WC for men
 - b) 2 WC for women
- The structure rests on a plinth 12.5mX4.2m and 0.3m height accessed by steps and a ramp.
 - The structure has the combination of smart LED light, solar panels on top to supply power for lighting and electric lights which would help provide ample lighting during all the times of the day.
 - An OHT helps in the storage of water for the entire day.
 - A provision of bio-digesters or septic tank is proposed depending on the site condition.

Plans



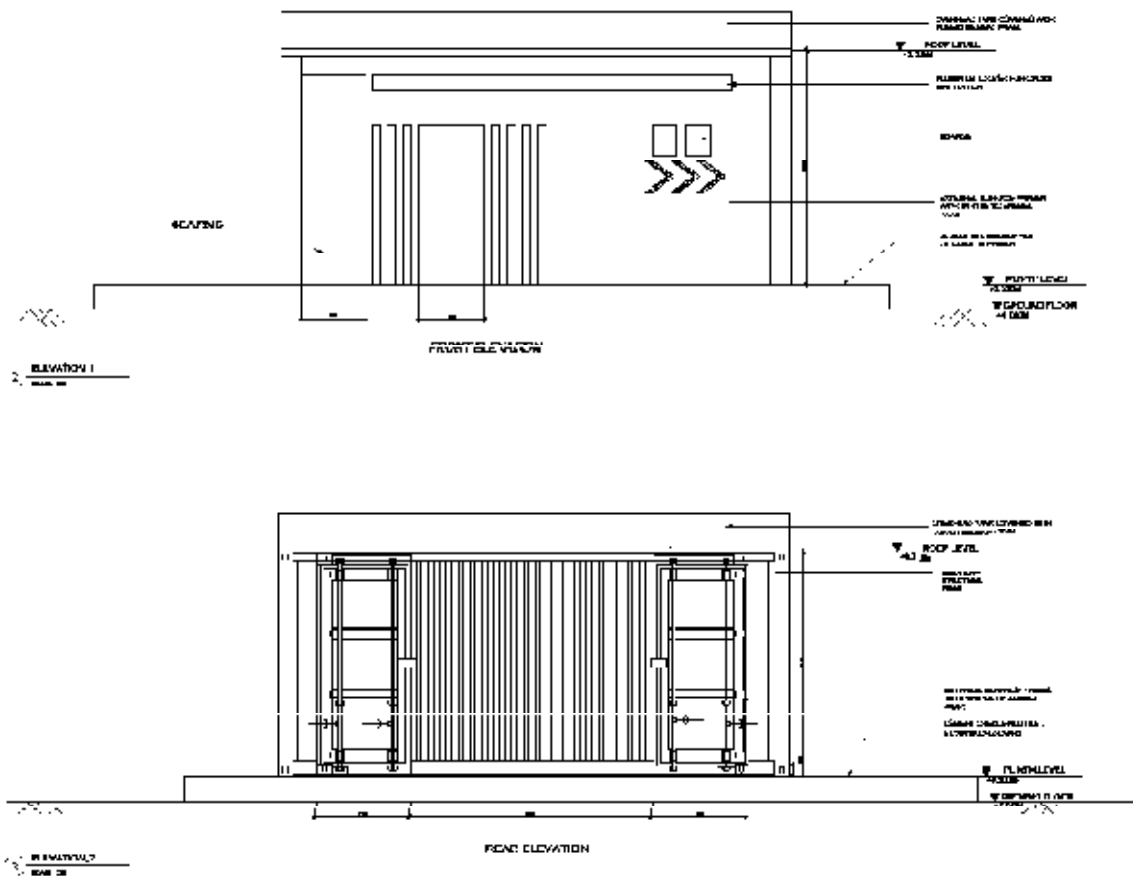
Proposed container toilet plan

Section



Proposed container toilet section

Elevation



Proposed container toilet elevation

Proposed Materials & Specifications

Foundation

- PCC:** Ordinary Cement concrete (mix 1:2:4) with graded stone chips of Pakur variety (20mm nominal size) as per relevant IS codes. (IS 456:2000)
- RCC :** Controlled Cement concrete of M 25 Grade with well graded stone chips (20 mm nominal size) as per design of concrete relevant to IS : 456 and relevant special publications, Consumption of cement will not be less than 300 Kg of cement with Super plasticizer per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test and job mix formula.
- REINFORCEMENT STEEL:** Reinforcement for reinforced concrete work of Tor steel from SAIL/TATA/RINL or Equivalent make in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.

Structure

- MAIN FRAME STRUCTURE:** Supplying of Container Toilet of size 20 ft X 8 ft X 8 ft (Standard Size) made out of Heavy Duty structural Frame ISI Marked having 4 Compartments for WC
- PARTITION WALL:** Nylon toilet partitions with ACP wall cladding have been considered.

(c) **FLOORING:**Flooring made out of vitrified tiles

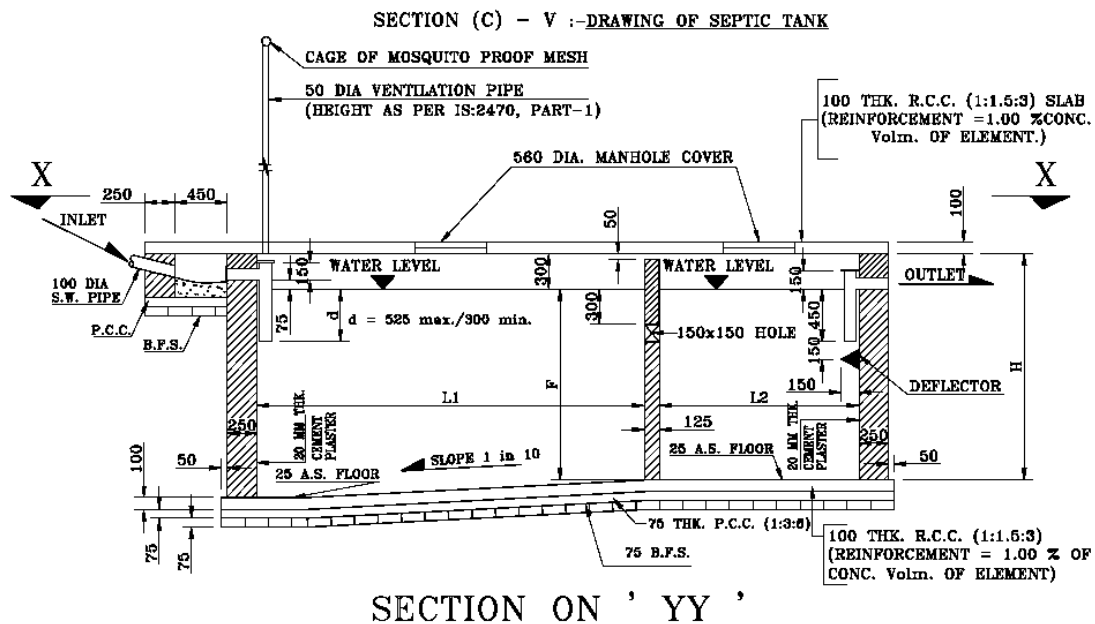
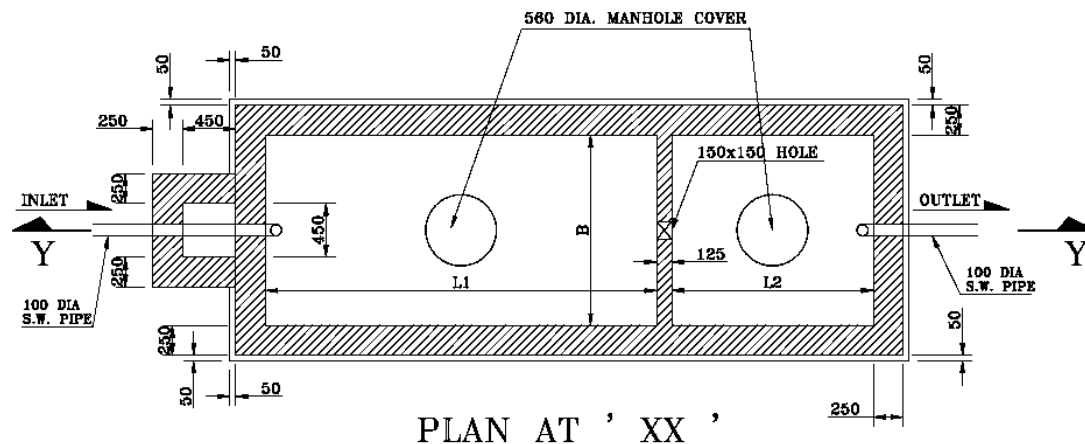
(d) **EXTERIOR:**Exterior of the container is treated with powder coating or spray paint of finalized colour.

Services

Public Health Engineering

The supply of water which is the major amenity to run and maintain the toilet is catered through OHT which stores the water for atleast half a day.

Sewerage is taken care by the septic tank constructed adjacent to the structure below the plinth with the capacity sufficient for 50 users and the manholes opening into the plinth.



Signature Not Verified

Digitally signed by SANDEEP GANGULY
Date: 2019.10.02 12:17:09 IST
Location: West Bengal-WB

