

National Housing Bank: Request for Proposal for laying of new sewer pipeline

Request for Proposal (RFP)-

**Tender for laying of new sewer pipeline
for Bank's flats at Jangpura Extn., New Delhi**

**Premises Department
Head Office, National Housing Bank
Core 5-A, 4th Floor, India Habitat Centre, Lodhi Road,
New Delhi - 110 003
Phone: 011-24649031-35,
e-Mail: estate.helpdesk@nhb.org.in; parichay@nhb.org.in**

Note: - Tenders are invited in Single Bid.

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1. IMPORTANT BID DETAILS		
1.	Date of commencement of Bidding	21/08/2017
2.	Pre-Bid meeting with Bidders	01/09/2017 at 15:00
3.	Last date and time for receipt of Bidding Document	11/09/2017 at 15:00
4.	Date and Time of Tender Bid Opening	11/09/2017 at 16:00
5.	Earnest Money Deposit Amount	Rs. 50,000/-
6.	Place of opening of Bids	Meeting Room National Housing Bank Core 5-A, 4 th Floor, India Habitat Centre, Lodhi Road, New Delhi - 110003

Note: -

- *Bids will be opened in the presence of Bidders who choose to attend.*
- *The above schedule is subject to change. Notice of any change will be provided through e-mail to designated contact personnel only or publishing on NHB's website.*
- *All data/information, submitted vide documentary proofs/company records along this RFP, must be reported & will be treated as on date of publication of this RFP.*
- *Interpretation: the terms RFP, Tender, Bid have been used interchangeably and it shall be treated as one and the same for the purpose of this RFP document. All clarifications, amendments, modifications, supplemental RFP that may be issued in relation to this RFP shall be treated as part and parcel of the RFP and shall together constitute the RFP document.*

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2. National Housing Bank

National Housing Bank (NHB), a statutory institution is a wholly owned subsidiary of the Reserve Bank of India, established under an Act of the Parliament.

- a. NHB has been established to achieve, inter alia, the following objectives -
 - To promote a sound, healthy, viable and cost effective housing finance system to cater to all segments of the population and to integrate the housing finance system with the overall financial system.
 - To promote a network of dedicated housing finance institutions to adequately serve various regions and different income groups.
 - To augment resources for the sector and channelize them for housing.
 - To make housing credit more affordable.
 - To regulate the activities of housing finance companies based on regulatory and supervisory authority derived under the Act.
 - To encourage augmentation of supply of buildable land and also building materials for housing and to upgrade the housing stock in the country.
 - To encourage public agencies to emerge as facilitators and suppliers of serviced land, for housing.
- b. The head office of NHB is located in New Delhi and a regional office is located at Mumbai. It has representative offices located at Hyderabad, Chennai, Bengaluru, Kolkata, Ahmedabad and Bhopal.

3. Purpose

Tender for laying of new sewer pipeline for Bank's flats at Jangpura Extn, New Delhi.

4. Objective

NHB intends to lay new sewer pipeline for Bank's flats at Jangpura Extn, New Delhi. (32 nos. flat).

5. Scope of Work

- I) Excavation of tranches and supporting the existing nearby structure (if required).
- II) Demolishing of existing sewer line, in parts on progress of work.

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- III) Laying of new Sewer pipeline including timbering and supporting the soil (if required) and construction of chambers, gully traps, manholes for Bank's flats at Jangpura Extn, New Delhi. (32 nos. flat) and connect them to DJB sewer line.
- IV) Connecting sewer lines to main DJB sewer including necessary road (through authorized DJB/MCD contractors) cutting needs to be carried out. This work may be carried out before or after laying of sewer line inside the Bank's flats. Road cutting permission has been obtained by the Bank for month of October 2017. Contractors are required to ensure execution of road cutting work, laying of sewer line, making connection to municipal manhole with necessary required repairs, hunching and PCC work, backfilling of road surface and making the road surface even as it was earlier including necessary timely liasioning with concerned statutory authority for smooth and time bound completion of the work. The contractor has to keep in mind that the festival of Diwali is falling on October 19, 2017. As such, he has to ensure connection with the main sewer from both sides between October 1-18, 2017.**
- V) While executing this work, contractors have to ensure neat, clean and tidy site conditions. Sewage / sludge / rubbish etc. should not be kept in an open condition. This has to be removed at the end of the day's work daily. Contractor have to ensure this compliance towards hygienic conditions for the occupants.
- VI) If contractor fails to do this arrangement, then the Bank shall be at liberty to clean by any means including mechanical means, at the risk, cost, and consequences of the contractor. Expenditure incurred to get this work attended shall be recovered and adjusted from the contractor's bills / EMD even during defect liability period.
- VII) The details of the flats for laying of sewer line are as under.

S. No.	Flat No.	Flat No.
1.	C-20 GF, FF	C-33 GF, FF,SF
2.	C-21 GF, FF	C-34 GF, FF,SF
3.	C-22 GF, FF	C-35 GF, FF,SF
4.	C-23 GF, FF	C-36 GF, FF,SF
5.		C-37 GF, FF,SF
6.		C-38 GF, FF,SF
7.		C-39 GF, FF,SF
8.		C-40 GF, FF,SF
	Total 32 flats	

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(a) Description of works

Work as described and given in enclosed "Schedule of quantities".

6. Deliverables

As described in the scope of work/BOQ. New sewer pipeline with construction of GTs, manholes, connection with Municipal sewer line including required road cutting, liaisoning with related statutory authorities, necessary dismantling of backyard, compound wall, RCC steps, platforms and shifting of surface water tanks, motor / pumps, electrical points and redoing the backyard and to complete the work in a time bound manner without any disturbance to occupants of these flats.

7. Period of Contract

The time allowed for carrying out this work is four calendar month after the virtual date of commencement. Virtual date of commencement shall be reckoned after seven working days from the date of issue of work order by the Bank. Contractor has to ensure commencing and completion of necessary road cutting work, drainage connection to Municipal mains and to repair the road surface as per the requirements and direction of the Bank. The contract will be valid till 6 months for date of work order.

Note:

This RFP is not exhaustive in describing the functions, activities, responsibilities and services for which Contractor will be responsible. The Bidder, by participation in this tender, implicitly confirm that if any functions, activities, responsibilities or services not specifically described in this RFP are necessary or appropriate for the proper performance and they will be deemed to be implied by and included within the scope of services under this RFP and Bidder's response to the same extent and in the same manner as if specifically described in this RFP and Bidder's response.

8. Instructions to Bidders

8.1 General

- The RBI empanelled full time contractor who is not provisionally registered with RBI New Delhi, and as approved for taking up civil works costing Rs. 10-25 and 25-50 lacs i.e.

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Category IV and category V are eligible to submit this tender. Tenders from other category of contractors shall not be considered and are liable to be rejected summarily without assigning any reason thereof.

- All costs and expenses incurred by the Bidders in any way associated with the development, preparation, and submission of responses, including but not limited to; the attendance at meetings, discussions, demonstrations, etc. and providing any additional information required by NHB, will be borne entirely and exclusively by the Bidder.
- A Bidder will, by responding to NHB for RFP, be deemed to have accepted the terms of this Bid/RFP and Disclaimer.
- Bidders are required to direct all communications related to this tender, through the nominated Point of Contact persons, mentioned below:

Mr. Parichay Manager (Premises) parichay@nhb.org.in T: 011-24649031-35	Mr. DV Chawla Consultant (Premises) devdas.chawla@nhb.org.in T: 011-24649031-35
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- NHB may, in its absolute discretion, seek additional information or material from any Bidders after the tender/RFP closes and all such information and material provided must be taken to form part of that Bidder's response.
- Bidders should provide details of their contact person, telephone, email and full address(s) to ensure that replies to RFP could be conveyed promptly.
- Execution of this work shall be covered with latest manuals of CPWD specifications at New Delhi with up to date corrections slips. All other relevant Tender conditions shall be as applicable based on CPWD standards / manuals.
- If NHB, in its absolute discretion, deems that the originator of the question will gain an advantage by a response to a question, then NHB reserves the right to communicate such response to all Bidders.
- Queries / Clarification if any, may be taken up with the contact persons detailed earlier before the deadline for submission of Bids between 10:00 am to 5:00 pm on Monday to Friday.

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- NHB may, in its absolute discretion, engage in discussion or negotiation with any Bidder (or simultaneously with more than one Bidder) after the tender/RFP closes to improve or clarify any response.

8.2 Soft Copy of Tender/RFP Document

The soft copy of the Tender/RFP document will be made available on NHB's website <http://www.nhb.org.in>.

8.3 Non-Transferability of Tender/RFP

This tender/RFP document is not transferable.

8.4 Erasures or Alterations

The offers containing erasures or alterations may not be considered. Any interlineations', erasures or overwriting may be considered at the discretion of NHB only if they are initialed by the person signing the Bids. However, any interlineations', erasures or overwriting in any form will not be accepted in the commercial Bid. There should be no hand-written material, corrections or alterations in the offer. Technical details must be completely filled up. Correct technical information of the product being offered must be filled in. Filling up of the information using terms such as "OK", "accepted", "noted", "as given in brochure/manual" is not acceptable. NHB may treat offers not adhering to these guidelines as unacceptable. NHB may, at its discretion, waive any minor non-conformity or any minor irregularity in the offer. This shall be binding on all Bidders and NHB reserves the right for such waivers.

8.5 Amendment to the Bidding/Tender/RFP document

- At any time prior to the deadline for submission of Bids, NHB, for any reason, may modify the Bidding/Tender/RFP Document, by amendment.
- The amendment will be posted on NHB's website www.nhb.org.in
- All Bidders must ensure that all amendments/enhancements (if any) in the RFP have been considered by them before submitting the Bid. NHB will not have any responsibility in case some omission is done by any Bidder.
- NHB at its discretion may extend the deadline for the submission of Bids.

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- NHB shall not be liable for any communication gap. Further NHB reserve the right to scrap the tender or drop the tendering process at any stage without assigning any reason.

8.6 Right to Alter Location / Quantities

NHB reserves the right to alter the proposed location/s specified in the RFP. NHB also reserves the right to add/delete one or more location/s from the list specified in this RFP.

8.7 Documents Comprising the Bid (Please follow the instructions, if any, separately prescribed in the Formats)

1. The **Commercial Proposal**: The Tender Bid should be submitted in the format as prescribed in **Annexure I** along with the covering letter in the format as prescribed in **Annexure II**.
2. ECS Mandate in the format as prescribed in **Annexure III**
3. Compliance statement declaration as prescribed in **Annexure IV**

Note: Bids without the EMD amount will be rejected.

8.8 Bid Currency

Bids to be quoted in Indian Rupee only. Bids in currencies other than INR may not be considered.

8.9 Earnest Money Deposit (EMD)

- (a) All the responses must be accompanied by a refundable interest free security deposit of Rs. 50,000/- (Rs. Fifty Thousand only), by way of an e-payment in favour of **National Housing Bank**. The Accounts details are given below:

	Type	Particulars
1	Beneficiary Name	National Housing Bank
2	Beneficiary Address	Core 5A, 4th Floor, India Habitat Centre, Lodhi Road, New Delhi 110 003
3	Beneficiary Bank Name	State Bank of Hyderabad

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4	Beneficiary Bank Branch Address	Pragati vihar Delhi Branch, Ground Floor, Core-6, Scope Complex, Lodhi Road, New Delhi - 110 003
5	Type of Bank Account	Current account
6	Beneficiary Bank A/C No	52142903844
7	IFCS code of Bank branch	SBHY0020511
8	MICR No	110004005

- (b) The proof of the payment should be enclosed and put in the envelope containing the Bid; in the absence of which the Bid may not be considered for further evaluation.
- (c) Any Bid received without EMD in proper form and manner shall be considered unresponsive and rejected.
- (d) Request for exemption from EMD will not be entertained.
- (e) Save as otherwise provided herein or in the definitive agreement, the EMD amount of all unsuccessful Bidders would be refunded on completion of the tendering process on or before 30 days post award of work/contract.
- (f) Save as otherwise provided herein or in the definitive agreement, the successful Bidder will be refunded the EMD amount after completion of defect liability period.
- (g) EMD shall be adjusted in the retention/security money.
- (h) The EMD may be forfeited:
- If a Bidder withdraws its Bids during the period of Bid validity;
 - If a Bidder makes any statement or encloses any form which turns out to be false/incorrect at any time prior to signing of the contract;
 - In case of successful Bidder, if the Bidder fails to Sign the contract within 45 days of commencement of work.

8.10 Implementation schedule

- The Bidder shall be responsible for delivery of the services.

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S.No	Purchase Order for	Delivery Schedule (From date of acceptance of work order/letter of award)
1.	Kick off meeting	After 3 days of award of work
2.	Commencement of the work	Within 7 day of award of work
3.	Completion of the work	Four calendar months from the date of commencement

- Billing cycle will commence after successful sign off of SLA as per terms of the RFP.

8.11 Period of Validity of Bids

- Prices and other terms offered by Bidders must be valid for an acceptance period of 6 months from the date of submission of commercial Bid.
- In exceptional circumstances NHB may solicit the Bidders consent to an extension of the period of validity. The request and response thereto shall be made in writing. The Bid security provided shall also be extended.

8.12 Format and Signing of Bids

- Commercial Bid herein referred to as “**Commercial Proposal**”
- The Original Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. The person or persons signing the Bids shall initial all pages of the Bids, except for un-amended printed literature.

8.13 Sealing and Marking of Bids

- The envelop shall be addressed to NHB at the address given below:

DGM, Premises
National Housing Bank
Core 5A, 4th Floor, India Habitat Centre Lodhi Road
New Delhi - 110003

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- All envelopes should indicate on the cover the name and address of Bidder along with contact number.
- The envelope should be non-window and super scribed as **“Proposal for laying of New Sewer pipeline for Bank’s flats at Jangpura Extn, New Delhi “**,
- If the envelop is not sealed and marked, NHB will assume no responsibility for the Bid's misplacement or its premature opening.
- Bids not sealed properly shall not considered and will stand rejected without recourse.

8.14 Deadline for submission of Bids

- The Bids must be received by NHB at the addressed specified, not later than the last date of Bid submission as indicated earlier.
- In the event of the specified date for the submission of Bids, being declared a holiday for NHB, the Bids will be received up to the appointed time on the next working day.
- NHB may, at its discretion, extend the deadline for submission of Bids by amending the Bid Documents with intimation of NHB’s website, in which case, all rights and obligations of NHB and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

8.15 Late Bids

Any Bid received by NHB after the deadline for submission of Bids prescribed by NHB will be rejected and returned unopened to the Bidder.

8.16 Opening of Bids by NHB

- On the scheduled date and time, Bids will be opened by NHB Committee in presence of Bidder representatives who will attend the meeting on the specified date.
- **Place of Opening of Bids:**

Meeting room, National Housing Bank
Core 5A, 4th Floor, India Habitat Centre

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Lodhi Road, New Delhi - 110003

- Bidder name and other details will be announced by NHB at its discretion if considered appropriate at the time of Bid opening.

8.17 Clarification of Bids

During evaluation of Bids, NHB, at its discretion, may ask the Bidder for clarification of its Bid. The request for clarification and the response shall be in writing (Fax/e-Mail), and no change in the substance of the Bid shall be sought, offered or permitted.

8.18 Preliminary Examinations

- NHB will examine the Bids to determine whether they are complete, the documents have been properly signed; supporting papers/documents attached and the Bids are generally in order.
- NHB may, at its sole discretion, waive any minor infirmity, nonconformity or irregularity in a Bid which does not constitute a material deviation, provided such a waiver does not prejudice or affect the relative ranking of any Bidder.
- The decision of NHB is final towards evaluation of the Bid documents.

8.19 Proposal Ownership

The proposal and all supporting documentation submitted by the Bidder shall become the property of NHB unless NHB agrees to the Bidder's specific request/s, in writing that the proposal and documentation be returned or destroyed.

8.20 Instructions to the Bidders

The Bidder shall not outsource the work assigned by NHB, to any third party except with NHB's direction / prior written consent and attend all complaints registered by NHB through its own service/support infrastructure only.

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8.21 Price Composition & Variation

- The commercial offer shall be on a fixed price basis. No price variation relating to cost of work / Tender excl. taxes (present and future) will be entertained for any work assigned during the period of contract.
- Any deviations in any quantities of work shall be paid at the Tender accepted rates only.
- Applicable TDS shall be recovered from all the payments from time to time.
- Date of implementation of project shall be date of acceptance of the letter of award (Starting Date) or such other date as may be fixed by NHB. The same date shall be considered for renewal of support services etc., if applicable.

8.22 Timely availability of Support Services

The Contractor should have proper and adequate support mechanism in place in terms of required manpower / materials / machinery / T&P / security fence / signboards at the worksite to provide all necessary support under this project including necessary timbering, shoring strutting, props and bamboos to support loose soil and nearby structure.

8.23 Manuals/Drawings

The contractor shall have to submit design calculations, layout plan indicating R.L. (reduced levels) of laying sewer lines and invert level details of municipals mains, old and proposed new manholes in support of its designs within seven 7 days of award of work. The Contractor shall provide complete documentation(s) for the services supplied during the period of contract. All the manuals shall be in English and must be clearly indicative of services supplied.

8.24 Modification and Withdrawal

- A Bidder shall submit only one proposal. If the Bidder submits more than one proposal, all such proposals shall be disqualified.
- The Bidders are advised to submit the bids only after the Pre-Bid Meeting as the Bids once submitted will be treated, as final and no further correspondence will be entertained on this. No Bid will be modified after the deadline for submission of Bids.

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- **No Bidder shall be allowed to withdraw the Bid, if Bidder happens to be successful Bidder.**
- NHB has the right to reject any or all tenders received without assigning any reason whatsoever. NHB shall not be responsible for non-receipt / no delivery of the Bid documents due to any reason whatsoever.

8.25 Terms and condition of the Bank

1. Any damage done to Bank's property will have to be made good by the contractors at his cost and risk.
2. **The agency shall deploy one technically qualified Site Supervisor at the site at all time during the execution of work continuously till the work stands completed.**
3. Work can be carried out during Day & Night without disturbing Bank's officers, neighbor residing in & around and passersby / vehicles.
4. Child labour should not be engaged in the work by the vendor.
5. All provisions of labour laws related to construction activities are required to be followed by the contractor.
6. The contractor has to arrange all necessary tools and plants (T&P) etc. as required for proper execution of the work at site.
7. The firm has to clean all the debris left behind at the end of days' work.
8. Agency shall be responsible for labor engaged for their code of conduct.
9. Work is to be completed satisfactory on satisfaction of Bank's officer deputed at site.
10. Contractors are advised to visit the site to study the constraints, availability of limited space etc. before quoting the rates for the execution of work.
11. Any offer submitted by the vendor which does not satisfy each condition laid down in this RFP may be rejected at Bank's discretion.
12. NHB reserves the right of accepting the whole or any part of the offer rates and the agency shall be bound to perform the same at the rates quoted by him.
13. In case of any discrepancy arising between the rates quoted by the vender in figures and in words, rates in words will be acceptable.
14. The contractor has to prepare & submit a program chart for completing the work in a stipulated time frame, within a period of 7 days in consultation with Premises department of the Bank after award of the work.
15. A schedule of probable quantities in respect of each work and specifications accompany these conditions. The schedule of probable quantities is liable to alteration by omissions, deductions or additions, substitution & extra at the discretion of the Bank.

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16. The contractor shall not be entitled for any compensation for any loss suffered by him on account of delays in commencing or executing the work; whatever the cause of delays may be, including delays arising out of modification to the work entrusted to him or in any sub-contract connected therewith or delays in awarding contracts for other trades of the project or in commencement or completion of such works or in procuring Government controlled or other building materials or in obtaining water and power connections for construction purposes or for any other reason whatsoever and the Bank shall not be liable for any claim in respect thereof. The Bank does not accept liability for any sum besides the tender amount, subject to such variations as are provided for herein.
17. The successful Tenderers is bound to carry out any items of works necessary for the completion of the job even though such items are not included in the schedule of quantities and rates. Schedule of instructions in respect of any additional items and their quantities will be issued in writing by the Bank.
18. The work shall be executed as per CPWD specifications Vol I and II, 2009 with up to date correction slip.
19. It would be agency's responsibility to enforce safety measures/precautions required, as per relevant codes, for carrying out the work. NHB shall not be responsible for any mishap/injury/impairment / deceasement caused to the workers.
20. Some restrictions may be imposed by the RWA, security etc. on the working and/or movement of labour, material etc. The agency shall be bound to follow such restrictions/instructions and if such restriction incurs any cost to the vendor, nothing extra will be paid in this regard.
21. All the defects/replacement of parts etc. caused during the work shall get remedied by the agency at his own cost and nothing extra shall be payable in this regard by the Bank.
22. The contractor has to ensure carrying out the road cutting work as per the stipulations of Delhi Jal Board, Municipal Corporation of Delhi (MCD), Traffic Department of Delhi Police and other Authorities. This work has to be carried out through approved contractors of Delhi Jal Board / Municipal Corporation of Delhi. Contractor is also required to obtain and furnish certificate to that effect that the road cutting work has been done through DJB/MCD approved contractors and the work stands completed after complying with all necessary statutory laid down requirements. Bank has already arranged necessary permissions from MCD. Contractor are required to ensure traffic rules of Delhi police while executing the work pertaining to Road Cutting. During the work if any violation is noticed and if any penalty is imposed by any authorities then it will be the contractor's liability to absorb and make the payments of

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penalties. However if any notices or recovery is advised by such authorities to the Bank even after completion of the work than Bank reserve its right to make such payment and same will be adjusted from the contractors outstanding payments/ or from security deposit held by the Bank.

23. For Quote rate items contractors should analyze the rate properly and quote the same as bank may at its convenience and requirement may opt for these items for execution. In that case contractors are bound to execute the same at their quoted rates.

8.26 Law Governing contract

The Contractor shall perform the assignment in accordance with the applicable Law and shall take all practicable steps to ensure that the Personnel of the Contractor comply with the applicable Law. The Contractor shall take out and maintain at their own cost, appropriate insurance against all the risks, and for all the coverage, like workers compensation, employment liability insurance for all the staff on the assignment, comprehensive general liability insurance, including contractual liability coverage adequate to cover the indemnity of obligation against all damages, costs, and charges and expenses for injury to any person or damage to any property arising out of, or in connection with, the services which result from the fault of the Contractor or their staff on the assignment

8.27 Liability of the Contractor

The Contractor shall be liable to NHB for the performance of the Services in accordance with the provisions of this Contract and for any loss suffered by NHB as a result of a default of the Contractor in such performance, subject to the following limitations:

- (a) The Contractor shall not be liable for any damage or injury caused by or arising out of the act, neglect, default or omission of any persons other than the Contractor and its Personnel; and
- (b) The Contractor shall not be liable for any loss or damage caused by or arising out of circumstances over which the Contractor had no control.

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8.28 Contractor Not to Benefit from Commissions, Discounts etc.

The payment of the Contractor by NHB shall constitute the Contractor 's only payment in connection with this Contract or the Services, and the Contractor shall not accept for their own benefit any trade commission, discount, or similar payment in connection with activities pursuant to this Contract or to the Services or in the discharge of their obligations under the Contract, and the Contractor shall use their best efforts to ensure that its Personnel similarly shall not receive any such additional payment.

8.29 Accountability

The Bidder undertakes that in case of its selection as the successful Bidder and assignment of the contract to the Bidder, it shall be accountable for the advice/supply made/to be made and/or for any service rendered/to be rendered by it to NHB, keeping in view norms of ethical business, professionalism and the fact that such advice / services to be rendered by it for a consideration. The Bidder shall be accountable in case of improper discharge of contractual obligations and/or any deviant conduct by the Bidder.

8.30 Personal Liability

The Bidder understands that in case of its selection as the successful Bidder, the Bidder is expected to carry out its assignment with due diligence and in accordance with prevailing standards of the profession.

8.31 Transparency and Competitiveness

The Bidder undertakes that in case of its selection as the successful Bidder, it shall keep in view transparency, competitiveness, economy, efficiency and equal opportunity to all prospective tenderers/Bidders, while rendering any advice/service

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to NHB, in regard with matters related to selection of technology and determination of design and specifications of the subject matter, Bid eligibility criteria and Bid evaluation criteria, mode of tendering, tender notification, etc.

8.32 Extension of Time

Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

8.33 Terms and Conditions of the Bidding firms

Bidding firms are required to not impose their terms and conditions to the Bid and if submitted will not be considered as forming part of their Bids.

8.34 Local conditions

The Bidder must acquaint himself with the local conditions and factors, which may have any effect on the performance of the contract and / or the cost.

8.35 Proposal Content

The Bidders' proposals are central to the evaluation and selection process. Therefore, it is important that the Bidders carefully prepare the proposal. The quality of the Bidder's proposal will be viewed as an indicator of the Bidder's capability to provide the solution and Bidder's interest in the project.

8.36 Compliance with Laws

- (a) The Contractor shall undertake to observe, adhere to, abide by, comply with and notify NHB about all laws in force or as are made applicable in future, pertaining to or applicable to them, their business, their employees or their obligations towards

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them and all purposes of this tender and shall indemnify, keep indemnified, hold harmless, defend and protect NHB and its employees/officers/staff/personnel/representatives/agents from any failure or omission on its part to do so and against all claims or demands of liability and all consequences that may occur or arise for any default or failure on its part to conform or comply with the above and all other statutory obligations arising there from.

- (b) The Contractor shall promptly and timely obtain all such consents, permissions, approvals, licenses, etc, as may be necessary or required for any of the purposes of this project or for the conduct of their own business under any applicable Law, Government Regulation/Guidelines and shall keep the same valid and in force during the term of the project, and in the event of any failure or omission to do so, shall indemnify, keep indemnified, hold harmless, defend, protect and fully compensate NHB and its employees/ officers/ staff/ personnel/ representatives/agents from and against all claims or demands of liability and all consequences that may occur or arise for any default or failure on its part to conform or comply with the above and all other statutory obligations arising therefrom and NHB shall give notice of any such claim or demand of liability within reasonable time to the Contractor .
- (c) In case NHB undergoes a merger, amalgamation, takeover, consolidation, reconstruction, change of ownership, etc., this Contract shall be considered to be assigned to the new entity and such an act shall not affect the rights of the Contractor under this Contract.

9. Commercial Terms and Conditions

9.1 Price

- a) The Price quoted by the Bidder should include all type of costs.
- b) The price should be valid for full contract period of Tender.
- c) The price should be exclusive of all applicable taxes.

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- d) The price quoted by the Bidder shall be remain fixed during the Bidder's performance of the contract and its extended period if required by NHB.
- e) Bid submitted with adjustable price quotation will be treated as non-responsive and will be rejected.

9.2 Payment Terms

Any payment will be released only after signing of SLA as per the following payment terms:

Defects Liability Period	12 months after virtual completion of work
Period of Final Measurement	Two months
Date of Commencement	Within 7 days of award of work
Date of Completion	Four months after the due date of commencement
Value of works for Interim Payments	Total 3 bills Minimum value of work done should be for Rs. 10 lakhs for each running bill.
Retention money / security deposit	10% on total project cost to be recovered from each running bills.

9.3 Payment in case of termination of contract

Subject to the terms of the RFP, in case the contract is terminated, payment towards services will be made on pro rata basis, for the period services have been delivered, after deducting applicable penalty and TDS/other taxes.

10. General Terms and Conditions

- a) The Bidder is expected to peruse all instructions, forms, terms and specifications in this RFP and its Annexures. Failure to furnish all information required in the RFP Documents,

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in the formats prescribed or submission of a proposal not substantially responsive or submission of unnecessary additional information as part of response to this RFP Document may result in rejection of the proposal.

- b) All amendments made by NHB to the RFP shall become part of the RFP and same will be notified on NHB's website. The Bidders are required to have a watch on NHB's website for any such amendment.
- c) Bidder must take into consideration each and every line of this RFP document while preparing Bid for the project. Bidder is requested to get any issue clarified by NHB before submitting the responses. The Bids submitted should be complete in all respect meeting all deliverables under the project. It will be sole responsibility of the selected Bidder to deliver each and everything as per the scope of the project during the contracted period. NHB will not be responsible in case of any requirement is underestimated or any requirement is not interpreted in right direction.
- d) NHB reserves the right to change the requirement specifications and ask for the revised Bids or the tendering process without assigning any reasons.
- e) NHB shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers including those received late or incomplete offers, without assigning any reason whatsoever. NHB reserves the right to make any changes in the terms and conditions of purchase. NHB will not be obliged to meet and have discussions with any Bidder, and or to listen to any representations. NHB reserves the right to accept or reject, fully or partially, any or all offers without assigning any reason. The decision of NHB in this regard is final and no further correspondence in this regard will be entertained.
- f) Although service window has been defined as **9.00am to 9.00pm**, the selected Bidder must provide services on beyond the above time in case of urgent requirement of NHB without any extra cost.

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- g) On faithful and satisfactory execution of assignments under contract in all respects, the EMD / retention money of the selected Bidder will be released by NHB after a period of satisfactory completion of defect liability period/execution of the assignments/contract.
- h) Bidder must deploy manpower having requisite qualification, experience, skill-set etc. for the project.
- i) NHB reserves the right to call for any additional information and also reserves the right to reject the proposal of any Bidder if in the opinion of NHB, the information furnished is incomplete or the Bidder does not qualify for the contract.
- j) The scope of the proposal shall be on the basis of single point responsibility, completely covering the products and services specified under this RFP, on end-to-end solution basis.
- k) The Commercial Bid will have to be signed on all pages of the Bid by the authorized signatory. Unsigned Bids would be treated as incomplete and would be rejected.
- l) By submitting a proposal, the Bidder agrees to promptly contract with NHB for any work awarded to the Bidder. Failure on the part of the awarded Bidder to execute a valid contract with NHB, will relieve NHB of any obligation to the Bidder, and a different Bidder may be selected.
- m) Time and quality of the service are the essence of this agreement. Failure to do so will be considered as breach of the terms and conditions of the contract.

11. Penalty

If the Contractor fails to complete the project within stipulated time, the Bank will impose a penalty of ½ % of the order value for each weeks delay or part thereof attributable to the

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Contractor, subject to maximum of 10% of the order value. Fraction of week is to be construed as one full week for arriving at the delay in terms of weeks.

In case contractor fails to complete the sewage connections and related road cutting works including its repairs during the MCD granted permission period i.e. 1/10/2017 to 18/10/2017 then contractor is liable to manage and get suitable extension of time for undertaking this work from MCD by proper and timely liaison. In case of its failure and Bank is imposed with any such penalty by the concerned statutory authority then all such penalties are required to be absorbed by the contractor. In the instant case no leniency can be expected from the Bank.

12. Removal and/or Replacement of Personnel

- a) If, for any reason beyond the reasonable control of the Contractor , it becomes necessary to replace any of the Key Personnel (personnel according to NHB engaged for key assignments under the contract by the Contractor), the Contractor shall forthwith provide as a replacement a person of equivalent or better qualifications. In case of a critical vacancy, the Bidder shall provide a temporary resource for no more than 2 months. The temporary resource shall be of equivalent qualifications and shall be paid no more than 90% of the agreed rate of the personnel being replaced.
- b) If NHB finds that any of the Personnel have (i) committed serious misconduct or has been charged with having committed a criminal action, or (ii) have reasonable cause to be dissatisfied with the performance of any of the Personnel, then the Contractor shall, at NHB's written request specifying the grounds therefore, forthwith provide as a replacement a person with qualifications and experience acceptable to NHB.
- c) For any of the Personnel provided as a replacement under Clauses (i) and (ii) above, the rate of remuneration applicable to such person as well as any reimbursable expenditures (including expenditures due to the number of eligible dependents) the Contractor may wish to claim as a result of such replacement, shall be subject to the prior written

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approval by NHB. Except as NHB may otherwise agree, (i) the Contractor shall bear all additional travel and other costs arising out of or incidental to any removal and/or replacement, and (ii) the remuneration to be paid for any of the Personnel provided as a replacement shall not exceed the remuneration which would have been payable to the personnel replaced.

13. Acceptance of Work Order/Letter of Award

NHB will notify successful Bidder in writing by issuing a letter of award/work order in duplicate. The successful Bidder has to return the duplicate copy to NHB within 7 working days from the date of the letter of award/work order duly accepted, and signed by Authorized Signatory in token of acceptance. However, NHB has a right to cancel the letter of award/work order, if the same is not accepted within the stipulated period.

14. Definitive Agreement

The successful Bidder will sign Service Level Agreement (SLA) with NHB. All expenses, stamp duty and other charges/ expenses in connection with the execution of the Agreement as a result of this RFP process shall be borne by successful Bidder. In case of bidder other than sole proprietor, copy of Board resolution or power of attorney showing that the signatory has been duly authorized to sign the acceptance letter, contract and agreement, should be submitted.

15. Execution of extra items

During the course of execution the work if it is required to executed some new items to complete this work smoothly, then contractor has to carry out these extra items without any denial. The rates for such extra items shall be settled by the Engineer -in -charge of the work, based on either similar items from this tender and rates shall be derived at or actual cost of materials and labour, components reasonable relevant applicable incidental charges to complete the work with 15% towards profit and overheads charges. Necessary

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applicable taxes shall be borne by the bank however for execution of any extra items prior written approval of the competent authority is must.

16. Selection of Vendor

The firm quoting the lowest bid will be selected and invited for negotiations (if any).

17. Settlement Of Disputes

All disputes and/or differences, which may arise out of, in relation to, or in connection with this Agreement, or the breach thereof, shall be settled amicably. If, however, the parties are not able to solve them amicably without undue delay, the same shall be settled by arbitration in accordance with the rules & procedures under the Indian Arbitration & Conciliation Act, 1996 (as amended from time to time). The place of the arbitration shall be at New Delhi. The arbitration tribunal shall consist of sole i.e. 1(one) arbitrator appointed by the Executive Director (in charge of the Premises Department of NHB,). The arbitrator shall be appointed within fifteen (15) days from the date of first recommendation for an arbitrator in written form for a Party to the other. The award of arbitrator made in pursuance thereof shall be final and binding on the parties. All costs of the arbitration shall be borne equally by the Parties. Notwithstanding, it is agreed that the Contractor shall continue work for the assignment under this Agreement during the arbitration proceedings unless otherwise directed in writing by NHB or unless the matter is such that the work cannot possibly be continued until the decision of the arbitrator, as the case may be, is obtained.

18. Miscellaneous

a. Taxes

Only GST will be paid by NHB on actual basis as per statutory rates prevalent during the period of service provided. All other taxes as applicable will be borne by the Bidder. NHB is authorized to make such tax deduction at source as may be necessary as per law/rules

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in force in respect of payments made to the Contractor.

b. Use of Contract Documents and Information

The Contractor shall not, without NHB's prior written consent, make use of any document or information provided by NHB in Bid document or otherwise except for purposes of performing the contract.

c. Assignment

The Contractor shall not assign/subcontract, in whole or in part, its obligations to perform under the contract, except with NHB's prior written consent.

d. Duration of Contract

The contract will be valid till 6 months from the date of the work order/letter of award.

Annexures I to IV

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Annexure - II

Bid Covering Letter

Date:

The Deputy General Manager,
National Housing Bank,
Premises Department
Core 5-A, 4th Floor, India Habitat Centre, Lodhi Road,
New Delhi - 110003

Dear Sir,

Our Bid - Tender for laying of New Sewer pipeline for Bank's flats at Jangpura Extn, New Delhi-110014.

Having examined the specifications and schedule of quantities relating to the works specified in the RFP hereinafter set out and having visited and examined the site of the works and having acquired the requisite information relating thereto as affecting the tender, I / We hereby offer to execute the works specified in the said RFP within the time specified in the said RFP at the rates mentioned in the attached schedule of quantities and in accordance in all respects with the specifications and instructions in writing referred to in the RFP, schedule of quantities and agreement and with such material as are provided for by and in all other respects in accordance with such conditions so far as they may be applicable.

We, the undersigned, offer to provide services for the above-mentioned project, in accordance with your RFP document. Our commercial Proposal is put in one envelope along with the EMD in this envelope. We further confirm that we are on the current panel of class IV and V civil works contractors empanelled with the RBI, New Delhi as on date.

Should this tender be accepted, I/We hereby agree to abide by and fulfill the terms and provisions of labour laws and the said conditions of contract annexed hereto so far as they may be applicable or in default thereof to forfeit and pay to the National Housing Bank the amount mentioned in the said conditions.

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I / We enclose herewith a sum of Rs 50,000/- (Rs Fifty thousand only) through, online payment no _____ dated _____ favoring National Housing Bank, New Delhi. Should I / We fail to execute the contract when called upon to do so, I / We do hereby agree that this sum shall be forfeited to the National Housing Bank.

We enclose our sealed Bid for your consideration. The Total fee is exclusive of all taxes, duties, charges and levies (as applicable and payable under the local laws) and out of pocket expenses that we might incur and there will be no additional charges.

We understand you are not bound to accept any proposal you receive.

Dated at _____ / _____ day of _____ 2017.

Yours faithfully,

For

Signature

Name:

Address:

(Authorised Signatory)

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Annexure - III

ECS MANDATE

FORM FOR PROVIDING DETAILS OF BANK ACCOUNT FOR CREDIT OF PAYMENT FROM NATIONAL HOUSING BANK

(Please fill in the information in CAPITAL LETTERS)

1. Name of the Bidder _____

2. Address of the Bidder _____

City: _____ Pin Code: _____

E-mail id: _____

Phone /Mobile No. _____

Permanent Account Number (PAN) _____

Service Tax Registration No. _____

TIN No. _____

3. Particulars of Bank Account

A. Name of Account same as in the bank: _____

B. Name of the bank: _____

C. Name of the Branch: _____

D. Address of the Branch with Tel No. _____

E. Account No. (appearing in Cheque book): _____

F. Account Type (SB, Current, etc.): _____

G. MICR No. _____

H. IFSC Code of the bank branch: _____

I/We hereby authorize National Housing Bank to credit payment(s) to my/our above bank account by ECS. # (#ECS will accepted on centers where the facility is available).

I/We hereby declare that the particular given above are correct and complete. If the transaction is delayed or not effected at all by ECS for reasons of incomplete or incorrect information, I/we would not hold National Housing Bank responsible. I also undertake to advise any change in the particulars of my account to facilitate updation of records for purpose of credit of amount through RTGS/NEFT.

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I also agree that without prejudice to the generality of the foregoing, in the event National Housing Bank is not able to carry out the ECS instructions given by me, National Housing Bank may make such arrangements for payment as deemed appropriate by it, for effecting the transaction.

Place:

Date:

Authorized Signatory /ies

Certified that the particulars furnished above are correct as per our records.

Bank's Stamp:

Date:

Signature of the Authorized Official of the bank

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Annexure - IV

COMPLIANCE STATEMENT DECLARATION

We hereby undertake and agree to abide by all the terms and conditions stipulated by NHB in this RFP including all addendum, corrigendum etc. (Any deviation may result in disqualification of Bids).

We also certify that all the information given by in response to this RFP is true and correct.

Authorized Signatories

(Name & Designation, seal of the company)

Date:

Annexure- I										
Providing and laying new sewer pipe line in the Bank's flats at Jangpura extension New Delhi										
S.No	DSR. S.No	Work Description	Units	Qty	Rate	Amount				
1	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge								
1.i	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	cum	8						
2	2.1	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :								
2.i	2.10.1.3	Pipes, cables etc. exceeding 300 mm dia but not exceeding 600 mm	metre	200						
3	2.11	Extra for excavating trenches for pipes, cables etc. in all kinds of soil for depth exceeding 1.5 m, but not exceeding 3 m. (Rate is over corresponding basic item for depth upto 1.5 metre).	metre	200						
	19.1	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete								
	19.1.2	150 mm diameter	metre	50						
	19.1.3	200 mm diameter	metre	125						
	19.1.4	250 mm diameter	metre	45						
4	19.2	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand :10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design :								
4.i	19.2.4	250 mm diameter S.W. pipe	metre	45						
4.III	19.2.3	200 mm diameter S.W. pipe	meter	125						
4.III	19.2.2	150 mm diameter S.W. pipe	meter	50						

5	19.6	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :						
5.i	19.6.3	250 mm dia. R.C.C. pipe	metre	Q.R.				
5.II	19.6.2	150 mm dia. R.C.C. pipe	metre	Q.R.				
	19.4	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:						
	19.4.1.1	100x100 mm size P type With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	36				
6	19.7	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement andmaking channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design						
6.i	19.7.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :						
6.ii	19.7.1.1	With common burnt clay FPS non modular bricks of class designation 7.5	each	52				
8	19.8	Extra for depth for manholes :						
	19.8.1.1	Extra for depth for manholes size 90 x 80 cm with common burnt clay FPS non modular bricks of class designation 7.5 conforming to IS : 4885	mtr	60				

7	19.13	Constructing brick masonry circular manhole 1.52 m internal dia at bottom and 0.56 m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand) inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, all complete as per standard design :						
	19.13.1	2.30 m deep with SFRC Cover and frame (heavy duty HD- 20 grade designation) 560 mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182 kg. fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete. (Excavation, foot rests and 12 mm thick cement plaster at the external surface shall be paid for separately) :						
7.i	19.13.1.2	With common burnt clay FPS non modular bricks of class designation 7.5	Each	6				
9	19.14	Extra depth for circular type manhole 1.52 m internal dia (at bottom) beyond 2.30 m :						
9.i	19.14.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	metre	12				
10	2.25	Filling available excavated earth (excluding rock) in trenches, plinth,sides of foundations etc. in layers not exceeding 20cm in depth,consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	cum	450				
11	16.13	Cutting road and making good the same including supply of extra quantities of materials i.e. aggregate, moorum screening, red bajri and labour required.						
11.i	16.13.1	bituminous portion	cum	30				
11.ii	16.13.2	Water bound macadam / CC Road	cum	30				

12	19.21	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 nominal size) cement plastered on both sides with cement mortar 1:3mm(1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :						
12.i	19.21.2	For pipes 250 to 300 mm diameter	each	4				
13	19.15	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design :						
13.i	19.15.1	With 20x20 mm square bar	each	100				
14	NS	Liaisoning work with local statutory authorities for arranging sewer connection to the municipal main sewer line in all respect including necessary road cutting, road repairs, putting fences, sign board and proper Illumination by lighting as also to ensure security of the worksite from any untoward incident / accident for smooth completion of the work (including all related works) through DJB / MCD / traffic police / labour & Tax authorities etc. necessary road cutting permission has already been arranged by the Bank for the period 1/10/2017 to 31/10/2017 (critical and time activity)		LS				
15	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :						
15.1	4.1.2	1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone aggregate 20 mm nominal size)	cum	35				
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for :						
	5.9.16.1	Edges of slabs and breaks in floors and walls Under 20 cm wide	Sqm	50				
16	15.7	Demolishing brick work flooring / plain concrete manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.						
16.1	15.7.4	In cement mortar	cum	5				

17	6.2	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:						
17.1	6.2.2	Cement Mortar 1:6 (1 cement : 6 coarse sand).	cum	8				
18	11.11	40 mm thick marble chips flooring, rubbed and polished to granolithic finish, under layer 28 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) and top layer 12 mm thick with white, black, chocolate, grey yellow or green marble chips of sizes from 7 mm to 10 mm nominal size, laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 2:3 (2 cement marble powder mix : 3 marble chips) by volume, including cement slurry etc. complete :						
18.1	11.11.2	Light shade pigment with white cement	sqm	25				
19	11.13.1	Providing and fixing glass strips in joints of terrazo/ cement concrete floors. 40 mm wide and 4 mm thick	meter	40				
	19.5	Dismantling of old S.W./ NP2 exiting pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps						
	19.5.1	100 mm diameter	meter	Q.R.				
	19.5.2	150 mm diameter	meter	120				
	19.5.3	200 mm diameter	meter	Q.R.				
	19.24	Dismantling of manhole including R.C.C. top slab, C.I. cover with frame, including stacking of useful materials near the site and disposal of unserviceable materials into municipal dumps within 50 m lead						
	19.24.2	Rectangular manhole 120x90 cm and 90 cm deep	Each	30				
	19.24.3	Rectangular arch type manhole 140x90 cm and 2.45 m deep	Each	6				
	19.1	Providing, laying and jointing half glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete : this is surface drain to be lied in required slope to drain of the rain water. This pipe line needs to be lied after necessary excavation, bedding cement concrete in 1:5:10 as directed by Engineer in-charge						
	19.1.1	100 mm diameter	meter	100				
	19.1.2	150 mm diameter	meter	40				

	19.21	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement: 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete:						
	19.21.1	For pipes 100 to 250 mm diameter	Each	2				
	19.21.2	For pipes 250 to 300 mm diameter	Each	2				
	NS	Removing the exiting PVC surface water tanks and re- fixing the same at the nearby new location as directed by the Engineer in-Charge by making all necessary connections by using the same GI materials. Preparing the base surface for properly keeping the water tank. Necessary preparing the Cement masonry platform upto 45 to 50 CMtrs with proper finishing and refixing the existing motor pumps with necessary new electrical power ponits by shifting and using the same material as directed. Contractor are expected to execute this item with due precision. During execution if some old material gets damaged in it handling than same materials are required to be replaced by putting new/ extra /additional required materials to make the connection. The contractor has to ensure continuous water supply to the occupants of the flats on the same day.	Each					
		Total Amount		32				
		Rebate if any						
		Net amount						
		Say						
Amount in Words								
This work is required to be carried out as per the standard specifications of works of CPWD manual 1 & 2 with upto date corrections slip and as directed by the Engineer-in-Charge of the work								
Selection criteria :- The firm quoting the lowest bid will be selected and invited for negotiations (if any).								
Contractor signature								
(Seal of the company)								
Date: -								
Place								
<u>I-A</u>								
<u>SPECIFICATIONS</u>								
The works shall be executed as per CPWD specification Vol I and Vol II, 2009 with up to date correction slips.								

<u>I-C</u>								
<u>LIST OF APPROVED MATERIALS</u>								
S. No.	Material	Brand Name						
1	Cement	ACC, Ambuja, Ultratech						
2	GSW Pipe / NP2 class pipe	Sample of standard brand and manufacture shall be approval by the Engineer -in-charge						
3	Stone aggregate							
4	Bricks							
5	N.H. Covers							