

**OPEN e-TENDER ENQUIRY for “Day to day civil maintenance work
at NIH, Salt Lake, Kolkata”.**

BY

NATIONAL INSTITUTE OF HOMOEOPATHY
(An autonomous Institute under Ministry of AYUSH, Govt. of India)
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E-Tender Website:- www.tender.wizard.com/TWEPROC

NIT Publish date:22/12/2020

Last date of Submission of NIT: 13/01/2021 upto 2 pm

Opening of technical bid: 13/01/2021 upto 3 pm at NIH.

SECTION- I

LIST OF IMPORTANT DATES

Sl. No.	Description	Date
1.	Period of contract	One year
2.	Mode of submission of tender	www.tenderwizard.com/TWEPROC
3.	Date of Issue of Notice Inviting Bid	22/12/2020
5.	Deadline for Receiving Bids online	13/01/2021 (Upto 14:00 Hrs.)
6.	Last Date of receiving hard copy of documents (Only supporting documents) Financial bid/BOQ must not be sent in hard copy).	13/01/2021 (Upto 14:00 Hrs.)
7.	Time and Date and place for opening on line Technical Bids	13/01/2021 at 15:00 Hrs
8.	Time and Date opening Financial bids	Will be intimated to the successful bidders
9.	Bid Validity	90 Days
10.	Officer inviting Bids/Tender Inviting Authority	Director NIH, Kolkata.

“Notice Inviting e-Tender for “Day to day civil maintenance work at NIH, Salt Lake, Kolkata”.

BACKGROUND:

National Institute of Homoeopathy is a premier institute in Homoeopathy under Ministry of AYUSH, Govt. of India. NIH was established in the year 1975 and developed as a state of Art. This institute is affiliated to the West Bengal University of Health Sciences, and presently conducts the degree course in Homoeopathy viz Bachelor of Homoeopathic Medicine and Surgery [B.H.M.S.] since 1987 and Post - Graduate course i.e. Doctor of Medicine in Homoeopathy [M.D.(Hom.)] in six subjects viz Organon of Medicine, Repertory, Materia Medica, Practice of Medicine, Paediatrics and Homoeopathic Pharmacy since 1998-99 onwards. NIH has been successfully running OPD and IPD for more than 40 years. The OPD of the institute has been attended by more than 1500 patients every day.

Director National Institute of Homeopathy, Kolkata, invites percentage rate tendering for below work through electronic tendering system. The tenders shall be available in website www.tenderwizard.com/TWEPROC on dates as mentioned above under Section 1, “List of Important Dates.”

Bids to this tender will be accepted only through ONLINE mode through the website www.tenderwizard.com/TWEPROC. No other mode of bid will be considered and accepted. For applying Online, the bidder should get itself registered at www.tenderwizard.com/TWEPROC by paying necessary charges (Non Refundable). Bid submission and System Requirement manual are also available on www.tenderwizard.com/TWEPROC.

SN	Name of work	Time of completion	Approximate cost (Rs. In Lakhs)	E.M.D. (Rs.)
1.	Day to day civil maintenance work at NIH, Salt Lake, Kolkata.	One year	Rs. 99. Lakhs inclusive of all taxes and cess.	Rs.2,00,000/- (Rupees Two Lakhs only).

Period of availability of Bidding Documents

From e-procurement portal: From. 22.12.2020 to. 13.01.2021 (up to 12:00 Hrs.)

Deadline for Receiving Bids online: . 13.01.2021 (14:00 Hrs)

Last Date of receiving hard copy of documents (Only supporting documents) Financial bid/BOQ must not be sent in hard copy):. 13.01.2021 (14:00 Hrs)

Time & Date of opening of Technical Bids: on 13.01.2021(15:00 Hrs)

The technical bid and bid documents duly filled and digitally signed in all respect may be submitted on-line through www.tender.wizard.com/TWEPROC within date and time **as mentioned under Section 1, “List of Important Dates”**.

Tender Processing fees if applicable with respect to the said works shall be submitted on line to “ITI Ltd”.

Earnest Money Deposit shall be deposited online to Bank of Baroda account number 29460200000114 or in the form of Demand Draft drawn in favour of “DIRECTOR NIH” and payable at Kolkata.

The Technical bids will be opened on in the presence of bidders or their authorized representatives who wish to participate in the bidding process. If the opening date happens to be a closed day/holiday, the tender will be opened on the next working day.

4. Any future clarification(s) and / or corrigendum(s) shall be communicated through www.tender.wizard.com/TWEPROC.

5. National Institute of Homoeopathy, Kolkata reserves the right to amend or withdraw any of the terms and conditions contained in the Tender Document including quantity/amount of items to be supplied or to reject any or all tenders without giving any notice or assigning any reason. The decision of the Director, National Institute of Homoeopathy in this regard shall be final.

The eligibility criteria: -

The intending bidders/ manufacturer/ authorised service provider should fulfill the following minimum qualifying criteria:

- i. Turnover:** Average Annual Financial Turnover on such maintenance works during the last three years, i.e. 2019-20, 2018-19 and 2017-18 should be at least 30% of the estimated cost.
- ii. Experience:** Bidder/bidders should have the experience of completion of similar works during last 3 years ending last day of month previous to the one in which tenders are invited and should be either of the following.
 - a. Three similar completed works each costing not less than the amount equal to 40% of the estimated cost,**
Or
 - b. Two similar completed works each costing not less than the amount equal to 50% of the estimated cost,**
Or
 - c. One similar completed work costing not less the amount equal to 80% of the estimated cost.**

Or

iii. Similar works mean: Similar work experience with any government firms like CPWD/PWD/MES/PSU's/ STATE GOVERNMENT/ AUTONOMOUS BODY or any other bonafide Bidder for civil maintenance works.

iv. Profitability: The agency should be a profit (net) making firm and should not have incurred any loss in the last 3 (three) financial years (2019-20, 2018-19 and 2017-18) duly certified by Chartered Accountant.

v. EPF Registration: Agency should have EPF registration.

vi. GST Registration: Agency should have GST registration.

vii. Professional Tax: Agency should submit updated professional Tax challan.

viii. Submission of site inspection report: Interested bidders will have to submit site inspection report which will be conducted **on 05.01.2021** along with NIH officials, to access the place and nature of work. Non submission of site inspection report will lead to disqualification.

To qualify for contracts made up of this and other contracts for which bids are invited in the NIT, the bidder must demonstrate having experience and resources sufficient to meet the aggregates of the qualifying criteria for individual contracts. For other terms and conditions for qualification the standard bidding documents may please be referred.

ix. Copy of IT returns for last three financial years.

The intending bidders are requested to inspect & survey the proposed location of the project before quoting their rates.

Any corrigendum/addendum/errata in respect of the above empanelment/Pre-qualification shall be made available only at www.tenderwizard.com/TWEPROC and CPP portal. No further press advertisement will be given. Hence prospective Bidders are advised to visit www.tenderwizard.com/TWEPROC or tender hyperlink at www.nih.nic.in. regularly for above purpose.

DIRECTOR
NIH

SECTION-II

INSTRUCTIONS TO BIDDERS WITH TERMS AND CONDITIONS

2. Instruction to Bidders

2.1 The Bidder/firms who fulfill qualifying criteria as mentioned above in NIT and as well as in qualifying criteria in concerned section are eligible to apply.

2.2 **Scope of Work:** Scope of work includes “**Day to day civil maintenance work at NIH, Salt Lake, Kolkata**”. The rates and prices given in the bill of quantities are for completed and finished items of works and complete in all respects. It will be deemed to include all constructional plant, labour, supervision, materials, transport, all temporary works, erection, maintenance, contractor’s profit and establishment/ overheads, together with preparation of designs & drawings pertaining to casting yard, shop drawing, fabrication drawing (if required), staging form work, stacking yard, etc. all general risk, taxes, royalty ,duties, cess, octroi and other levies, insurance liabilities and obligations set out or implied in the tender documents and contract. All materials required for the work shall be approved by store officials or engineer.

2.3 Qualification of the Bidder

2.3.1 All bidders shall provide in Section 3, Forms of Bid and Qualification information as necessary.

2.3.2 All bidders shall include the following information and documents with their bids in Section 3, Qualification Information unless otherwise stated-

- (a) Copies of original documents defining the constitution or legal status, place of registration, and principal place of business; power of attorney of the signatory of the Bid to commit the Bidder in Non Judicial stamp paper and duly notarised.
- (b) Turnover for each of the last Three years.
- (c) Reports on the financial standing of the Bidder, such as profit and loss statements duly signed by auditors for the past Three years.
- (d) The bidder would furnish documents in as per proforma provided in section IV Part III.
- (e) Copy of GST registration certificate.
- (f) Copy of EPF registration certificate.
- (g) Copy of updated Professional Tax Challan.

2.3.3 Bids from **joint venture** are not allowed.

2.3.4 To qualify for contracts made up of this and other contracts for which bids are invited in the Notice Inviting Tender, the bidder must demonstrate having experience and resources sufficient to meet the aggregate of the qualifying criteria for the individual contracts.

2.3.5 Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:

- (i) Made misleading or false representations in the forms, statements, affidavits and attachments submitted in proof of the qualification requirements; and / or record of submission of any false / fake document(s).

(ii) Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.

2.4 One Bid per Bidder

2.4.1 Each Bidder shall submit only one Bid for the work. **A Bidder who submits more than one Bid will cause the proposals with the Bidder's participation to be disqualified.**

2.5 Site Visit

2.5.1 The Bidder, at his own cost, responsibility and risk, is requested to visit, examine and familiarize & satisfy themselves before submitting their tenders.

2.5.2 The bidder is expected to examine carefully all instructions, conditions of contract, contract data, forms, terms and specifications, bill of quantities etc. Failure to comply with the requirements of Bid Documents shall be liable to rejection of Bid Documents.

2.6 Amendment of Bidding Documents

2.6.1 Before the deadline for submission of bids, NIH may modify the bidding documents by issuing addenda.

2.6.2 Any addendum thus issued shall be part of the bidding documents and deemed to have been communicated to all the bidders who have moved this tender.

2.6.3 To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, NIH may/may not extend, as necessary, the deadline for submission of bids.

2.9 Preparation of Bids: Documents Comprising the Bid

A- Technical Bid- (Pre-Qualification/Technical Bid)

1) **EMD, Tender:** -Transaction receipt if the EMD is submitted online or scanned Copy of Demand draft drawn in favour of "DIRECTOR NIH" payable at Kolkata towards **EMD. Performance bank guarantee in lieu of EMD** can be submitted in the prescribed format given under section iv. EMD will be returned to all unsuccessful or technically unqualified OWNERS after opening of price bid without interest. EMD of successful OWNER shall be refunded after submission of Performance security money or may be adjusted with the PSM.

2) Qualification Details

Scanned copy of Certificate/documents referred in clause 2.3 under section II

3) **Hard copy of original documents** as per section IV Part III, EMD, should reach NIH, Kolkata before due date. Non receipt of hard copies on due date and time will lead to nullify the respective bid.

The Envelope shall be sealed and marked/written clearly as:

Name of work:-

NIT No: Due on:

Address to Director, National Institute of Homoeopathy, Block-GE, Sector-3, Salt Lake, Kolkata-700106.

From

(Name and address of the Company)

B-Financial bid-

Duly Quoted and digitally signed Bill of Quantity (BOQ) in the given format shall be uploaded.

NOTE:-a) All the documents should be digitally signed.

2.10 Bid Validity: - The offer should be valid for 90 (Ninety) days from the date of opening of the tender. In exceptional circumstances, prior to expiry of the original time limit, NIH may request that the bidders may extend the period of validity for a specified additional period. The request and the bidders' responses shall be made in writing or by cable. A bidder will not be required or permitted to modify his bid, but will be required to extend the validity of his earnest money for a period of the extension as asked.

The Bid without EMD shall be considered incomplete and summarily rejected.

2.11. The Earnest Money may be forfeited:

- a) If the Bidder withdraws the Bid after bid opening (technical bid) during the period of Bid validity;
- b) In the case of a successful Bidder, if the Bidder fails to furnish the required Performance Security against the specified work.

D. Online Submission of Bids

Bidding through E-Tendering System:

(a) The bidding under this contract is electronic bid submission through website www.tenderwizard.com/TWEPROC. Detailed guidelines for viewing bids and submission of online bids are given on the website. Any citizen or prospective bidder can logon to this website and view the Invitation for bids and can view the details of work for which the bid is invited. The prospective bidder can submit bids on line; however the bidder is required to have enrolment /registration in the web site and should have valid Digital Signature Certificate (DSC) in the form of smart card/e-token. The DSC can be obtained from any authorised Bidder. The bidder should register in the web site www.tenderwizard.com/TWEPROC in using the relevant option available. Then the digital signature registration has to be done with the e-token, after logging into the site. After this the bidder can login the site through secured login by entering the password of the e-token & the user id/password chosen during registration.

(b) An authorized representative of the Bidder/firms shall use DSC for uploading documents. **The authorization shall be in the form of a legally enforceable written power of attorney executed on non-judicial stamp paper of appropriate value duly notarized and scan copy of the same shall be submitted along with bid.**

After getting the bid schedules, the Bidder should go through them carefully and then submit the documents as asked, otherwise, the bid will be rejected.

(c) The completed bid comprising of documents, should be uploaded on the website given above through e-tendering along with scanned copies of requisite certificates as are mentioned in different sections in the bidding document and scanned copy of bid security in case it is provided in the form of DD/FDR.

2.12 Deadline for Submission of Bids

- (a) Complete Bids in two parts as mentioned above must be received by NIH online not later than the date and time indicated in the Bid Data Sheet.
- (b) The OWNER may extend the deadline for submission of bids by issuing an amendment in which case all rights and obligations of the OWNER and the bidders, previously subject to the original deadline will then be subject to the new deadline.

2.13 Modification/Withdrawal/Late Bids:

- (a) The electronic bidding system would not allow any late submission of bids after due date & time as per server time.
- (b) Bidders may modify their bids by uploading their request for modification before the deadline for submission of bids. For this the bidder need not make any additional payment. For bid modification and consequential re-submission, the bidder is not required to withdraw his bid submitted earlier. The last modified bid submitted by the bidder within the bid submission time shall be considered as the bid. For this purpose, modification/withdrawal by other means will not be accepted. In on line system of bid submission, the modification and consequential re-submission of bids is allowed any number of times. The bidders may withdraw his bid by uploading their request before the deadline for submission of bids, however, if the bid is withdrawn, the re-submission of the bid is not allowed.
- (c) No bid shall be modified or withdrawn after the deadline of submission of bids.
- (d) Withdrawal or modification of a bid between the deadline for submission of bids and the expiration of the original period of bid validity as mentioned elsewhere above or as extended pursuant to tender inviting authority's requirement may result in the forfeiture of the bid security.

2.14 Bid Opening and Evaluation

- (a) The OWNER inviting bids or its authorized representatives will open the bids online. In the event of the specified date for the opening of bids being declared a holiday for the OWNER, the bids will be opened at the time as mentioned in Section 1.
- (b) Evaluation of Part I of bids with respect to **bid security, qualification information and other information furnished in Part I (Technical bid)** of the bid, shall be taken up, and a list will be drawn up of the qualified bidders whose Part II (Financial bid) of bids will be eligible for opening.
- (c) The OWNER shall inform, the bidders, who have qualified during evaluation of Part I of bids, of the date, time of online opening of Part II of the bid, if the specified date of opening of financial bid is changed. In the event of the specified date being declared a holiday for the OWNER, the bids will be opened at the appointed time and location on the next working day.

2.15 Process to be Confidential

Information relating to the examination, clarification, evaluation, and comparison of bids and recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process until the award to the successful Bidder has been announced. Any attempt by a Bidder to influence the OWNER's processing of bids or award decisions may result in the rejection of his Bid

2.16 Clarifications of Bids and Contacting the OWNER

(a) No Bidder shall contact the OWNER on any matter relating to its bid from the time of the bid opening to the time the contract is awarded.

(b) Any attempt by the bidder to influence the OWNER's bid evaluation, bid comparison or contract award decision may result in the rejection of his bid.

2.17 Examination of Bids and Determination of Responsiveness

(a) During the detailed evaluation of "Technical Bids", the OWNER will determine whether each Bid (a) meets the eligibility and Qualifying criteria (b) has been properly signed; (c) is accompanied by the required securities; and (d) is substantially responsive to the requirements of the bidding documents. During the detailed evaluation of the "Financial Bids", the responsiveness of the bids will be further determined with respect to the remaining bid conditions, i.e., priced bill of quantities, technical specifications.

(b) A substantially responsive "Financial Bid" is one, which conforms to all the terms, conditions, and specifications of the bidding documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the bidding documents, the OWNER's rights or the Bidder's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids. No conditional bid will be accepted in any form.

(c) If a "Financial Bid" is not substantially responsive, it will be rejected by the OWNER, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

2.18 Correction of Errors

(a) Bids determined to be substantially responsive will be checked by the OWNER for any arithmetic errors. Errors will be corrected by the OWNER as follows:

1. Where there is a discrepancy between the rates in figures and in words, the rate in words will govern; and

2. Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

(b) The amount stated in the Bid will be adjusted by the OWNER accordance with the above procedure for the correction of errors and shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, the Bid will be rejected, and the Earnest money shall be forfeited.

2.19 Evaluation and Comparison of Bids

(a) The OWNER will evaluate and compare only the bids determined to be substantially responsive.

(b) In evaluating the bids, the OWNER will determine for each bid the evaluated bid price by adjusting the bid price by making correction, if any, for errors

(c) To assist in the examination, evaluation and comparison of bids, the OWNER may, at his discretion, ask any bidder for providing clarification of his bid, including breakdown of the unit rates. The request for clarification and the response shall be in writing or by cable but no change in the price or substance of the bid shall be sought, offered, permitted. If clarification is not provided within the stipulated time period, the bid will be declared non-responsive.

2.20 Escalation/ Price Variation

No claim account of any price variation/ escalation on whatsoever ground shall be entertained at any stage of works. All rates as per Bill of Quantities (BOQ) quoted by contractor shall be firm and fixed for entire contract period as well as extended period for completion of the works. The contractor should provide all necessary materials, equipment and labourers, manpower skilled/semiskilled/unskilled etc for the execution and maintenance of work and the rates in the BOQ are all inclusive.

2.21 Liquidated Damages

The agency shall pay liquidated damages to the OWNER at the rate one percent per week of the contract value if the breakdown is not repaired within 15 days. The total amount of liquidated damages shall not exceed 10 percent of amount defined in the contract data. Payments of liquidated damages shall not affect the contractor's other responsibilities.

2.22 Award of Contract

(a) The OWNER will award the Contract to the Bidder whose Bid has been determined to be substantially responsive to the bidding documents and who has offered the lowest evaluated Bid price, provided that such Bidder has been determined to be qualified in accordance with the provisions of tender document.

2.23 OWNER's Right to accept any Bid and to reject any or all Bids

The OWNER reserves the right to accept or reject any Bid, and to cancel the bidding process and reject all bids, at any time prior to the award of Contract, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the OWNER's action.

2.25 Notification of Award and Signing of Agreement

a) bidder whose Bid has been accepted will be notified by the OWNER prior to expiration of the bid validity period by cable, fax, letter, e-mail or facsimile confirmed by registered letter. This letter (hereinafter and in the Part I *General Conditions of Contract* called the "Letter of Acceptance") will state the sum that the OWNER will pay to the Contractor in consideration of the execution, (hereinafter and in the Contract called the "Contract Price") and completion period.

b) The notification of award will constitute the formation of the Contract, **subject only to the furnishing of a performance security.**

c) The Agreement will incorporate all agreements between the OWNER and the successful Bidder. It will be signed by the OWNER and the successful Bidder after the performance security is furnished. Cost of the agreement will be borne by the agency and shall be notified in LOA.

2.26 Performance Security

The successful bidder/contractor shall provide to the OWNER a total Performance Security of five percent of the Contract Price within 15 days after issue of Letter of Acceptance but before signing the contract.

(a) Performance Security five percent to be delivered by the successful bidder after the receipt of letter of acceptance shall be either in form of a Bank Guarantee or demand draft in favour of DIRECTOR NIH, payable at Kolkata. Validity of the PSM will be 14 months from the date of awarding the contract.

2.27 FINAL DECISION MAKING AUTHORITY

Director NIH reserve the right to modify the eligibility criteria, to decide a cut-off date of implementation, to accept or reject any application, to annul the PRE-QUALIFICATION/TECHNICAL QUALIFICATION process, to reject all applications or accept new applications at any time, without assigning any reason or incurring any liability to the Bidders.

2.28 MOBILISATION OF MEN, MATERIALS AND MACHINERY:

a) All expenses towards mobilization at site and de-mobilization including bringing in equipment, work force, materials, dismantling the equipment, clearing the site etc. shall be deemed to be included in prices quoted and no separate payment on account of such expenses shall be entertained.

b) It shall be the responsibility of the Contractor to provide, operate and maintain all necessary construction equipment, scaffoldings and safety, gadget, lifting tackles, tools and appliances to perform the work in a workman like and efficient manner and complete all jobs as per the specifications and within the schedule time of completion of work. Further, contractor shall also be responsible for obtaining temporary electric and water connection for all purposes. The contractor shall also make standby arrangement for water & electricity to ensure un-interrupted supply.

c) The procurement and supply in sequence and at the appropriate time of all materials and consumable shall be entirely the contractor's responsibilities and his rates for execution of work shall be inclusive of supply of all these items.

d) It is mandatory for the contractor to provide safety equipments and gadgets to its all workers, supervisory and Technical staff engaged in the execution of the work while working. The above norm is to be strictly complied with at site.

e) All materials, construction plants and equipments etc. once brought by the contractor within the project area, will not be allowed to be removed from the premises without the written permission of the NIH.

f) Storage space, water supply, power supply and accommodation for the labour and staff etc will be borne by the contractor.

g) No labour should be below 18 years of age, if found it will be taken as a legal offence. All staff should be given with identity card.

2.29 RATES TO BE FIRM

a) The Percentage rates quoted by the tenderer shall be firm and fixed for the entire period of completion and till handing over of the work. No revision to Percentage rates or any escalation shall be allowed on account of any increase in prices of materials, labour, POL and Overheads etc. or any other statutory increase during the entire contract period or extended contract period.

b) The contractor shall be deemed to have inspected the site, its surrounding and acquainted with the nature of the ground, accessibility of the site and full extent

and nature of all operations necessary for the full and proper execution of the contract, space for storage of materials, constructional plant, temporary works, restrictions on the plying of heavy vehicles in area, supply and use of labour, materials, plant, equipment and laws, rules and regulations, if any, imposed by the local authorities.

c) The rates and prices given in the bill of quantities are for completed and finished items of works and complete in all respects. It will be deemed to include all constructional plant, labour, supervision, materials, transport, all temporary works, erection, maintenance, contractor's profit and establishment/ overheads, together with preparation of designs & drawings pertaining to casting yard, shop drawing, fabrication drawing (if required), staging form work, stacking yard, etc. all general risk, taxes, royalty, duties, cess, octroi and other levies, insurance liabilities and obligations set out or implied in the tender documents and contract.

d) Unless otherwise specified in the Bill of Quantities (BOQ), the contractor has to make his own arrangement for dewatering/ bailing out of water, effluent including strutting, shoring etc. at every stage of work and the contractor shall not be entitled for any extra payment, whatsoever, in this regard.

2.30) **Payment:** Billing will be made on BOQ on completion of the works on quarterly basis subject to satisfactory work done certificate by the user section and store officials/ engineer.

2.31) Insurance of the worker, laborers and staff will be sole responsibility of the service provider/contractor.

2.32) The staff/worker of the contractor/ agency who are to be deployed shall not be treated as employees of the Institute and as such their services conditions, payments, other benefits etc will have to be determined and borne by the agency.

2.32) DEFINITIONS

In this document the following works and expressions have the meaning hereby assigned to them:

I) **“OWNER”** Means National Institute of Homeopathy, Salt Lake, Kolkata.

II) **“OWNER” OR “NIH”** means National Institute of Homeopathy.

III) **“BIDDER/BIDDER”** Means the individual, proprietary firm, limited company, private or public or corporation.

IV) **“YEAR”** means “Financial year” unless stated otherwise.

SECTION-III

QUALIFICATION INFORMATION

The intending bidder should fulfill the following minimum pre-qualification criteria:

1. **Turnover:** Average Annual Financial Turnover on construction works during the last three years, i.e. 2019-20, 2018-19, 2017-18 should be at least 30% of the estimated cost.
2. **Experience:** Bidder should have the experience of completion of similar works during last 7 years ending last day of month previous to the one in which tenders are invited should be either of the following:
 - (a) Three similar completed works each costing not less than the amount equal to 40% of the estimated cost, **or**
 - (b) Two similar completed works each costing not less than the amount equal to 50% of the estimated cost, **or**
 - (c) One similar completed work costing not less than the amount equal to 80% of the estimated cost.
3. **Similar works mean:**
4. Similar work experience with any government firms like CPWD/PWD/MES/PSU's or any other bonafide Bidder for annual maintenance of civil works.
5. **Profitability:** The agency should be a profit (net) making firm and should not have incurred any loss in the last 3 (three) financial years (2018-19, 2017-18, 2016-17) duly certified by Chartered Accountant.
6. **EPF Registration:** Bidder must have valid EPF Registration.
7. **Professional Tax Challan :** Bidder should submit updated professional Tax Challan
8. **Goods & Services Tax (GST) Registration:** Bidder must have valid Goods & Services Tax Registration.
9. **Joint Venture:** Joint Ventures are not permitted.
10. **Submission of site inspection report:** Interested bidders will have to submit site inspection report which will be conducted on .10.2020 along with NIH store officials, to access the place. Format of inspection report will be provided during inspection. Non submission of site inspection report will lead to disqualification. NIH reserve the right to reject any or all applications without assigning any reason thereof.
11. Tender documents duly completed in all respect shall only be uploaded on the website www.tenderwizard.com/TWEPROC mentioned above in **SECTION 1** and Technical bid shall be opened on the website www.tenderwizard.com/TWEPROC on .10.2020 at 16.00 Hrs in the office of store officer, NIH ,Kolkata 7000106.

The Tender has been invited in e-tender mode. For download of tender document, uploading of tender document along with Financial Bid, opening of Technical Bid, notification of any corrigendum and addendum etc. the website www.tenderwizard.com/TWEPROC is to be used. The intending bidder must get themselves registered with the service provider M/s ITI Ltd for participating in e-tender.

The intending Bidder is requested to upload the Bid well in time to avoid any difficulty due to failure of server etc. For any clarification about the website our service provider M/s ITI Ltd needs to be contacted (detail provided at e-procurement website "CONTACT US").

Issuance of tender document does not mean the agency has been technically qualified.

Hence Bidder/bidders are advised to submit all the relevant documents/ credentials required in tender for technical qualification along with their bid.

Tender documents duly completed in all respect shall be received on the date & up to the time as specified above and Technical Bid shall be opened at date & time as specified above. Documents received after the stipulated date & time are liable to be summarily rejected.

- 12. Any corrigendum/addendum/errata in respect of the above tender shall be made available only at Website www.tenderwizard.com/TWEPROC and CPP portal website. No further press advertisement will be given. Hence, all bidders are advised to check website www.tenderwizard.com/TWEPROC/ CPP regularly.**

DIRECTOR,NIH

SECTION-IV

FORMATS FOR APPLICATION

DETAILS OF DOCUMENTS TO BE SUBMITTED: Following documents are to be submitted with Technical Bid duly supported with credentials/certificates as directed in the respective proforma. The bidder also has to submit the following documents in original on date as specified in the Notice Inviting e-Tender

S. No.	Details	Form No.	To be executed on
1.	Application for participation in tender	FORM 'A'	Bidder's Letter Head
2.	Acceptance of Tender Terms and conditions.	FORM 'B'	-do-
3.	Structure of Organization	FORM 'C'	Bidder's Letter Head
4.	Financial Information	FORM 'D'	Bidder's Letter Head
5.	Details of all of similar works completed during last three years	FORM 'E'	Bidder's Letter Head
6.	Litigation History	FORM 'F'	Bidder's Letter Head
7.	Bank Account Detail	FORM 'G'	Bidder's Letter Head
8.	Letter Of Transmittal	FORM 'H'	Bidder's Letter Head
10.	Proforma of Bank Guarantee in Lieu of EMD		

FORM 'A'

APPLICATION FOR PARTICIPATION BY BIDDER/FIRMS

(On the letter head of the firm)

Ref. No.

Date:

To,
The Director,
National Institute of Homoeopathy,
Block-GE, Sector-3,
Salt Lake,
Kolkata-106.

Sub: Application for “Day to day civil maintenance work at NIH, Salt Lake, Kolkata”.

Ref:

Dear Sir,

In reference to your NIT cited above for the subject work, I/we enclosing here with the desired documents along with the requisite earnest money of Rs. /-(Rupees) only in the form of BG/ DD in favor of Director NIH Vide No _____.

Dated _____ issued
from _____ (Bank).

Thanking you.

(SIGNATURE OF BIDDER)

FORM 'B'

(On the letter head of the OWNER)

To,
The Director,

National Institute of Homoeopathy,
Block-GE, Sector-3,
Salt Lake,
Kolkata-106.

Sir,

ACCEPTANCE OF TENDER CONDITIONS

I/We hereby unconditionally accept the tender conditions and tender documents in its entirety for the above work.

1. The contents of Clause of the Tender documents (Instructions to Bidders) have been noted wherein it is clarified that after unconditionally accepting the tender condition in its entirety, it is not permissible to put any remark(s)/conditions(s) (except unconditional rebate on price, if any) in the tender. In case this provision of the tender is found violated at any time after opening of the Financial bid , I/we agree that the tender shall be summarily rejected and NIH shall, without prejudice to any other right or remedy be at liberty to forfeit the full said earnest money absolutely.

2. I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements. In case this provision of the tender is found violated at any time before or after opening of the Price bid/Award, I/we agree that the tender/Award shall be summarily rejected and NIH shall, without prejudice to any other right or remedy be at liberty to forfeit the full said earnest money/any other amount payable under this contract absolutely.

3. The required earnest money for this work is enclosed herewith.

4. If I/we will not fulfill the minimum qualifying criteria of the tender I/we not lodge any claim for opening of price part of the tender.

Yours faithfully,
(Signature of the Bidder)
with rubber stamp

Dated: _____

FORM 'C'

STRUCTURE AND ORGANISATION

1.	Name and address of Bidder	
2.	Telephone No. / Fax No. / E-mail	
3.	Legal status of the Bidder (attach copies of original documents defining the legal status)	
	The Bidder is:	
(a)	An Individual	
(b)	A proprietary Firm	
(c)	A Firm in partnership	
(d)	A Limited Company (Private or public) or Corporation	
4.	Particulars of registration with various Government bodies/Organization. (attach attested photocopy)	
5.	Name of Proprietor / Partners /Directors with their addresses, Mobile & Telephone numbers, Fax, E-mail address	
6.	Designation of individuals authorized to act for the organization.	
7.	Has the Bidder, or any constituent partner in case of partnership firm ever been debarred / black listed for tendering in any organization at any time? If so, give details.	
8.	Other details: a) EPF No. valid up to: b) Trade License No. valid up to c) PAN No. d) GST registration No. (Copies to be Enclosed)	
10.	Any other information considered necessary but not included above.	

	Seal of Bidder	Signature of Bidder
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FORM 'D'

FINANCIAL INFORMATION

- I. Financial Analysis: Details to be Furnished duly Supported by figures in Balance Sheet / Profit & Loss account for the last Three years duly certified by the Chartered Accountant, as submitted by the Bidder to the Income tax Department (certified copies to be attached)

		Gross Annual turnover on construction work.	Profit / Loss	Net Worth
(i)	2019-20			
(ii)	2018-19			
(iii)	2017-18			
	Average of above three years			

- II. Financial arrangement for carrying out the works.

Signature of chartered Accountant with seal

Seal and Signature of Bidder

FORM 'E'

DETAILS OF ALL OF SIMILAR WORKS COMPLETED DURING LAST THREE YEARS

1	S. No
2	Name of work / project & Location
3	Owner or Organization
4	Value of work in lakhs at completion
5	Total Built up Area
6	Date of commencement as per contract
7	Stipulated date of completion
8	Actual date of completion
9	Litigation/Arbitration/Pending in progress
10	Name & address/telephone number of officer to whom reference may be made
11	Remarks

Signature of Bidder

With Seal

LITIGATION HISTORY

FORM 'F'

(ON THE LETTER HEAD OF BIDDER)

1 S. No	2 Name of Work	3 Client	4 Type of case (court case/Arbitration Case)	5 Date of registering of case	6 Name & Address of Court / Arbitrator	7 Amount involved	8 Present Status	9 Remarks (if any)

Signature of Bidder With seal

Note: Bidder has to submit the details of last 5 years in respect of Court cases / Arbitration cases.

**BANK ACCOUNT PARTICULARS FOR REFUND OF EMD
THROUGH ELECTRONIC MODE**

FORM 'G'

S. No.	Description	Particulars
1	Name of the Beneficiary	
2	Bank Name	
3	Bank Address	
4	Bank Branch code	
5	Account No.	
6	IFSC Code	
7	MICR No.	

Date & Place

Signature & seal of the Bidder

FORM 'H'

LETTER OF TRANSMITTAL
(ON THE LETTER HEAD OF BIDDER)

From:

To

The Director,
National Institute of Homoeopathy,
Block-GE, Sector-3,
Salt Lake,
Kolkata-106.

SUB:“Day to day civil maintenance work at NIH, Salt Lake, Kolkata”.

Sir,

Having examined the details given in Nit and Application documents for the above work, we hereby submit our qualification and relevant documents.

1. We hereby certify that all the statements made and information supplied in the enclosed form ‘A’ to ‘G’ and accompanying statements are true and correct.
2. We have furnished all information and details necessary for pre-qualification and have no further pertinent information to supply.
3. We authorize the National Institute of Homoeopathy Or their representatives to approach individuals, employers, firms and corporations to verify our submittals, competency and general reputation.
4. We hereby confirm that we have read and understood all the stipulations given prequalification shall be final and binding on us.
5. We have submitted the following certificates in support of our meeting the minimum qualifying criteria of completed work (s) specified in para 2 of Section 3 for having successfully completed the following works:

SNO.	NAME OF WORK	CERTIFICATE FROM
1.		
2.		
3.		

Enclosures:
Date of Submission

(Signature of Bidder)
(Seal of Bidder)

PROFORMA OF BANK GUARANTEE IN LIEU OF E M D (BID BOND)

The Director,
National Institute of Homoeopathy,
Block-GE, Sector-3,
Salt Lake,
Kolkata-106.

In consideration of National Institute of Homoeopathy, Kolkata (hereinafter called "NIH" which expression shall unless repugnant to the subject or context include its successors and assigns)havingpre qualification issued Notice Inviting No.....and M/s.....having its registered Head Office at.....(hereinafter called the "TENDERER") is to participate in the said tender for..... Whereas NIH, as a special case, has agreed to accept an irrevocable and unconditional Bid Bond Guarantee for an amount of Rs..... valid up to.....from the tenderer in lieu of cash Deposit of Rs.....required to be made by the tenderer, as a condition precedent for participation in pre-qualification the said. We the(hereinafter called the "BANK")having its Registered, Office at.....and branch office at.....do hereby unconditionally and irrevocably undertake to pay to NIH immediately on demand in writing and without demur/protest any amount but not exceeding Rs.....Any such demand made by NIH shall be conclusive and binding on us irrespective of any dispute or differences that may be raised by the tenderer.

Any change in the constitution of the tenderer or the Bank shall not discharge our liability under the guarantee.

We, the.....Bank, lastly undertake not to revoke this guarantee during its currency without the prior consent of NIH in writing and this guarantee shall remain valid upto..... Unless a claim is made within three months from the date of expiry i.e.....(Three months after the date of expiry), we shall be relieved of our liability under this guarantee thereafter.

FOR AND ON BEHALF OF BANK

PLACE :-

DATE:-

PROFORMA OF BANK GUARANTEE (FOR PERFORMANCE GUARANTEE)

The Director,
National Institute of Homoeopathy,
Block-GE, Sector-3,

Salt Lake,
Kolkata-106.

Whereas the National Institute of Homoeopathy (hereinafter called "NIH" which expression shall include its successors and assigns) having awarded a work order/contract / supply order No..... Dated(hereinafter called the contract) to M/s. (Hereinafter called the /agency contractor / supplier) at a total price of Rs..... subject to the terms and conditions contained in the contract.

WHEREAS, the terms and conditions of the contract require the contractor to furnish a bank guarantee for Rs..... (Rupees.....) being% of the total value of the contract for proper execution and due fulfillment of the terms and conditions contained in the contract.

We, the Bank, (hereinafter called the "Bank") do hereby unconditionally and irrevocably undertake to pay to NIH immediately on demand in writing and without protest/or demur all moneys payable by the contractor/supplier to NIH in connection with the execution/ supply of and performance of the works/equipment, inclusive of any loss, damages, charges, expenses and costs caused to or suffered by or which would be caused to or suffered by NIH by reason of any breach by the contractor/supplier of any of the terms and conditions contained in the contract as specified in the notice of demand made by NIH to the bank. Any such demand made by NIH on the bank shall be conclusive evidence of the amount due and payable by the bank under this guarantee. However, the Bank's liability under this guarantee, shall be limited to Rs.....in the aggregate and the bank hereby agrees to the following terms and conditions:-

(i) This guarantee shall be a continuing guarantee and irrevocable for all claims of NIH as specified above and shall be valid during the period specified for the performance of the contract including the period of maintenance/warranty i.e. up to.....

(ii) We, the said bank further agree with NIH that NIH shall have the fullest liberty without our consent and without affecting in any manner our obligations and liabilities hereunder to vary any of the terms and conditions of the said contract or to extend time for performance of contract by the contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by NIH against the contractor/supplier under the contract and forbear or enforce any of the terms and conditions relating to the said contract and we shall not be relieved from our liability by reason of any such variations or extension being granted to the contractor or for any forbearance, act or omission on the part of NIH or any indulgence by NIH to the contractor or by any such matter or thing whatsoever, which under the law relating to the sureties would, but for this provision, have effect of so relieving us.

(iii) This guarantee/undertaking shall be in addition to any other guarantee or security whatsoever NIH may now or at any time have in relation to the performance of the works/equipment and the company shall have full re-course to or enforce this security in performance to any other security or guarantee which the NIH may have or obtained and there shall be no forbearance on the part of the company in enforcing or requiring enforcement of any other security which shall have the effect of releasing the Bank from its full liability. It shall not be necessary for NIH to proceed against the said contractor/supplier before proceeding against the Bank.

(iv) This guarantee/ undertaking shall not be determined or affected by the liquidation or winding up, dissolution or change of constitution or insolvency of the supplier/ contractor, but shall in all respects and for all purposes be binding and operative until payment of all moneys payable to NIH in terms thereof are paid by the Bank.

(v) The Bank hereby waives all rights at any time inconsistent with the terms of this Guarantee and the obligations of the bank in terms hereof, shall not be otherwise effected or suspended by reasons of any dispute or disputes having been raised by the supplier/contractor (whether or not pending before any

Arbitrator, Tribunal or Court) or any denial of liability by the supplier/contractor stopping or preventing or purporting to stop or prevent any payment by the Bank to NIH in terms hereof.

We, the said Bank, lastly undertake not to revoke this guarantee during its currency except with the previous consent of NIH in writing. Unless a claim is made in writing within three months from the date of expiry of this guarantee i.e..... (Three months after the date of expiry) we shall be relieved from all liabilities under this guarantee thereafter.

Signed this day of at.....

For and on behalf of Bank

WITNESS.

1. _____

1. _____

SECTION- V

TECHNICAL SPECIFICATIONS

1. Wherever reference is made in the NIT, eligibility criteria, qualification parameters, supporting documents in the prescribed format, EMD should be fulfilled
2. The contractor shall submit documentary evidence e.g. challans, bills etc. against the proprietary materials brought to site as a check to ensure that the required quantities as required for execution of works as per specifications have been brought to site for incorporation in the work.
3. PROPRIETARY MATERIALS should be used in case of branded items.
4. Unless otherwise mentioned in the bill of quantities the measurements of works shall be done as per CPWD specifications and if the same is not given in the CPWD Specifications, the same shall be measured as per latest relevant ISI codes in force. The quantity of steel reinforcement and the structural steel sections Incorporated in the work shall be measured & paid on the basis of standard coefficients of sections as per IS Codes of practice. Before releasing any payments works are to certified by representative of NIH store section regarding quality of the works.
5. PROPRIETARY MATERIALS
The following proprietary materials shall be brought to site after the approval of store section.
6. The contractor shall submit documentary evidence e.g. challans, bills etc. against the proprietary materials brought to site as a check to ensure that the required quantities as required for execution of works as per specifications have been brought to site for incorporation in the work.

Signature of Bidder

Signature of tender inviting authority

LIST OF APPROVED MAKES

The Contractor shall provide samples of all material in the list of make

A. CIVIL WORKS

Sl.No.	Material	Make
--------	----------	------

1)	Cement	ACC/Ultratech/BIRLA/JK/Shri Ultra /Ambuja
2)	TMT Reinforced Steel	SAIL/RINL/TATA/Super Shakti
3)	Mild Steel	Mahavir / Swastik/Shyam Steel/SRMB
4)	Asbestos Sheet	ISI marked conforming to IS 459
5)	Water Proofing Chemicals	CICO/Dr.Fixit/Pidilite/STP
6)	Wall Putty	Birla/JK/Jhonson
7)	Aluminium Sections	Hindalco/Jindal
8)	Vitrified Tiles	Marbita/Kajaria/Somany/Orient
9)	Ceramic Tiles	Marbita/Kajaria/Somany/Orient
10)	Enamel paint	Dulux/ICI/Asian
11)	Texture Paint	Spectrum/Unistone
12)	Cement Paint	Snowcem/ICI
13)	Sanitary ware	Hindware/Parryware/Cera
14)	CP Fittings	Cera/Jaquar/Marc
15)	UPVC SWR pipes & Fittings	Supreme/Finolex/Prince/Kissan/AKG
16)	SCI Pipes & Fittings	NECO/SRIF/RIF
17)	GI & MS Pipes	Jindal Hissar/Prakash Surya/Swastik
18)	CPVC Pipes	Astral/Ajay/Ashirwad/Prince/Supreme
19)	GI Fittings	UNIK/DRIP-M/ZOLOTO/R/Jindal
20)	Ball Valves	Zoloto/DRP/Sant
21)	CI Valves(>65mm dia)	Kirloskar/Leader/Sant
22)	50mm dia and above	Audco/Veeson/KSB/Zoloto/Sant
23)	Ferrules/Ballcocks/Water level Fittings	DRP/Zoloto/Leader/Sant
24)	Pressure Regulating valves	DRP/Zoloto/Kartar/CI
25)	Garden Irrigation Sprinklers	Rainbird/Harvel/Premier/Jain
26)	Stoneware Pipes & Gully Traps	Perfect/Ananad
27)	RCC Pipes	Pragati/JSP

28)	SFRC Manholes Covers & Gratings	KK
29)	CI-LA/DI Fittings	Kartar/Neer

NOTE:- List of approved manufacturers as provided above are only indicative for the smooth & quick execution of work . However, materials of any other brand or manufacturer may be used provided it confirms to IS specifications & with prior approval for the same from the competent authority. For any other items not mentioned in the above list the contractor is to submit his proposal to NIH for approval of Brand/ Manufacturer along with technical specification of the same.Above proposals are to be submitted well in advance before its requirement & will procure the same only on obtaining approval.However, if desired by client i.e NIH any of the above approved brand/manufacturer may be required to be altered adhering to the specification.

SECTION-VI
BILL OF QUANTITY

SECTION-VI

BILL OF QUANTITY

NOTE- 1. Quantity variation clause: The quantities of various items as entered in the bill of quantities are indicative only and may vary depending on the actual requirement. The contractor shall be bound to carry out and complete the stipulated work irrespective of variation in the individual items specified in the bill of quantities at the contract rate awarded to the successful bidder.

2.If any extra/additional works are executed for which no rate is specified in the contract, then such works shall be carried out as per Delhi schedule of rate 2018 (plus applicable cost index), plus/ minus the percentage the contract is awarded to the successful bidder.

1	2	3	4	5	6	8
S. N	DSR '18	Item Description	UOM	Quantity	DSR rate	Amount (5x6)
1	14.1.2	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	sqm	800.00	429.60	343,680.00
2	14.2.1	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground, all complete.	each	1.00	1366.85	1,366.85
3	14.2.2	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete, including disposal of rubbish to the dumping ground, all complete (Window chowkhats).	each	1.00	858.90	858.90

4	14.4.1	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete (For door/ window/ clerestory window)	sqm	10.00	932.45	9,324.50
5	14.5.1	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	sqm	50.00	890.50	44,525.00
6	14.9	Renewal of old putty of glass panes (length)	metre	500.00	42.60	21,300.00
7	14.10	Refixing old glass panes with putty and nails	sqm	100.00	554.05	55,405.00
8	14.12	Providing and fixing 16 mm M.S. Fan clamps of standard shape and size in existing R.C.C. slab, including cutting chase, anchoring clamp to reinforcement bar, including cleaning, refilling, making good the chase with matching concrete, plastering and painting the exposed portion of the clamps complete.	each	2.00	425.10	850.20
9	14.17	Raking out joints in lime or cement mortar and preparing the surface for re-pointing or replastering, including disposal of rubbish to the dumping ground, all complete.	sqm	1000.00	51.70	51,700.00
10	14.23	Pumping out water caused by springs, tidal or river seepage, broken water mains or drains and the like.	kilo litre	100.00	169.05	16,905.00
11	14.26.1. 2	Providing and fixing 25 mm thick shutters for cup board etc. : (Ist class teak wood including nickel plated bright finished M.S. piano hinges with necessary screws.)	sqm	5.00	3852.70	19,263.50
12	14.28.2	Providing and fixing brass curtain rods of wall thickness 1.25 mm with two brass brackets fixed with brass screws and wooden plugs etc. wherever necessary complete. (25 mm diameter.)	metre	10.00	359.80	3,598.00
13	13.4.1	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	sqm	10.00	276.15	2,761.50
14	13.5.1	15 mm cement plaster on rough side of single or half brick wall of mix: 1:4 (1 cement: 4 coarse sand)	sqm	500.00	318.95	159,475.00
15	13.6.1	20 mm cement plaster of mix : (1:4 (1 cement: 4 coarse sand))	sqm	1000.00	379.70	379,700.00
16	13.18	Neat cement punning.	sqm	100.00	62.75	6,275.00
17	13.37.1	White washing with lime to give an even shade :	sqm	10.00	28.55	285.50
18	13.4	Distemping with dry distemper of approved brand and manufacture (two or more coats) of required shade on new work, over and including water thinnable priming coat to give an even shade.	sqm	100.00	117.75	11,775.00
19	13.41.1	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :	sqm	7000.00	153.45	1,074,150.00

20	13.45.1	Finishing walls with textured exterior paint of required shade :	sqm	2500.00	232.00	580,000.00
21	13.62.1	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :	sqm	100.00	177.15	17,715.00
22	14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.	sqm	3000.00	257.95	773,850.00
23	14.75A	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or	litre	25000.00	0.35	8,750.00
24		black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account)				-
25	14.76	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same.	each	10.00	77.65	776.50

26	14.77	Cleaning of choked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150mm dia upto 300mm	metre	1000.00	256.90	256,900.00
27	14.78	Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:- (i) Tank shall be emptied of water by pumping & bottom shall be cleaned of silt and other deposits. (ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. (iii) Chlorination of RCC internal surface by	sqm	100.00	63.70	6,370.00
28		liquid chlorine. (iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. (v) Finally the surface shall be treated with ultraviolet radiation etc.				-
29	14.82	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/cmalba all complete.	each	5.00	96.00	480.00
30	14.84	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead.	metre	20.00	2.70	54.00
31	17.13.2	Providing and fixing white vitreous china water closet squatting pan (Indian type) :	each	1.00	2544.50	2,544.50
32	17.15	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan.	each	1.00	2276.95	2,276.95
33	17.7.1	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	each	1.00	3087.70	3,087.70

34	17.10.1.2	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : 510x1040 mm bowl depth 225 mm	each	1.00	5851.70	5,851.70
35	17.18.1	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings	each	5.00	999.95	4,999.75
36		and fixtures complete.				-
37	17.20.1	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete : White solid plastic seat with lid	each	10.00	571.00	5,710.00
38	17.23	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	each	4.00	1299.75	5,199.00
39	17.28.2.2	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.	each	20.00	101.10	2,022.00
40	17.32.2	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape 453x357 mm	each	2.00	1120.25	2,240.50
41	17.33	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	each	2.00	841.80	1,683.60
42	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall				-
43	18.7.1	15 mm nominal outer dia Pipes	metre	20.00	241.55	4,831.00
44	18.7.2	20 mm nominal outer dia Pipes	metre	30.00	306.95	9,208.50
45	18.7.3	25 mm nominal outer dia Pipes	metre	30.00	369.20	11,076.00
46	18.7.4	32 mm nominal outer dia Pipes	metre	10.00	480.55	4,805.50

47	18.7.5	40 mm nominal outer dia Pipes	metre	10.00	648.60	6,486.00
48	18.7.6	50 mm nominal outer dia Pipes	metre		903.50	-
49	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work		10.00		-
50	18.9.1	15 mm nominal outer dia Pipes	metre	10.00	202.85	2,028.50
51	18.9.2	20 mm nominal outer dia Pipes	metre	10.00	253.70	2,537.00
52	18.9.3	25 mm nominal outer dia Pipes	metre	20.00	326.65	6,533.00
53	18.9.4	32 mm nominal outer dia Pipes	metre	10.00	413.70	4,137.00
54	18.9.5	40 mm nominal outer dia Pipes	metre	10.00	536.75	5,367.50
55	18.9.6	50 mm nominal outer dia Pipes	metre	10.00	791.65	7,916.50
56	18.9.7	62.50 mm nominal inner dia Pipes	metre	10.00	1552.30	15,523.00
57	18.9.8	75 mm nominal inner dia Pipes	metre	1.00	1965.85	1,965.85
58	18.9.9	100 mm nominal inner dia Pipes	metre	1.00	2779.55	2,779.55
59	18.9.10	150 mm nominal inner dia Pipes	metre	1.00	5821.85	5,821.85
60	18.49.1	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : : 15 mm nominal bore	each	2.00	418.95	837.90
61	18.50.1	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. : 15 mm nominal bore	each	5.00	618.80	3,094.00
62	18.51.1	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. : 15 mm nominal bore	each	3.00	552.35	1,657.05
63	18.52.1	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. : 15 mm nominal bore	each	2.00	606.25	1,212.50
64	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				-
65	18.17.1	25 mm nominal bore	each	5.00	497.15	2,485.75
66	18.17.1A	20 mm nominal bore	each	2.00	460.20	920.40
67	18.17.2	32 mm nominal bore.	each	1.00	581.25	581.25
68	18.17.3	40 mm nominal bore	each	5.00	678.40	3,392.00

69	18.17.4	50 mm nominal bore	each	5.00	869.20	4,346.00
70	18.17.5	65 mm nominal bore	each	2.00	1488.10	2,976.20
71	18.17.6	80 mm nominal bore	each	1.00	2217.90	2,217.90
72	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :				-
73	18.18.1	15 mm nominal outer dia Pipes	each	1.00	338.70	338.70
74	18.18.2	20 mm nominal outer dia Pipes	each	5.00	386.40	1,932.00
75	18.18.3	25 mm nominal outer dia Pipes	each	5.00	394.00	1,970.00
76	18.53A	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	each	10.00	61.25	612.50
77	18.54	Providing and fixing PTMT bib cock of approved quality and colour.				-
78	18.54.1	15mm nominal bore, 86 mm long, weighing not less than 88 gms	each	5.00	116.55	582.75
79	18.54.2	15 mm nominal bore, 122mm long, weighing not less than 99 gms	each	1.00	162.05	162.05
80	18.54.3	15 mm nominal bore, 165 mm long, weighing not less than 110 gms	each	1.00	176.75	176.75
81	18.54.4	15 mm nominal bore, 90 mm long, weighing not less than 93 gms	each	1.00	228.30	228.30
82						-
83	18.55	Providing and fixing PTMT stop cock of approved quality and colour.				-
84	18.55.1	15 mm nominal bore, 86 mm long, weighing not less than 88 gms	each	1.00	116.55	116.55
85	18.55.2	20 mm nominal bore, 89 mm long, weighing not less than 88 gms	each	1.00	151.35	151.35
86						-
87	18.56	Providing and fixing PTMT pillar cock of approved quality and colour.				-
88	18.56.1	15 mm nominal bore, 107 mm long, weighing not less than 110 gms	each	2.00	192.65	385.30
89	18.56.2	15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms	each	2.00	210.05	420.10
90						-
91	18.57	Providing and fixing PTMT, push cock of approved quality and colour.				-
92	18.57.1	15 mm nominal bore, 98 mm long, weighing not less than 75 gms	each	1.00	104.50	104.50
93	18.57.2	15 mm nominal bore, 80 mm long, weighing not less than 46 gms	each	2.00	97.85	195.70
94						-

95	18.62	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D.					-
96		plastic ball.					-
97	18.62.1	15 mm nominal bore, 105 mm long, weighing not less than 138 gms	each	5.00	191.55		957.75
98	18.62.2	20 mm nominal bore, 120 mm long, weighing not less than 198 gms	each	10.00	252.65		2,526.50
99	18.62.3	25 mm nominal bore, 152mm long, weighing not less than 440 gms	each	5.00	474.25		2,371.25
100	18.62.4	40 mm nominal bore, 206mm long, weighing not less than 690 gms	each	5.00	728.50		3,642.50
101	18.62.5	50 mm nominal bore, 242mm long, weighing not less than 1240 gms	each	5.00	1250.30		6,251.50
102							-
103	18.63	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms	each	5.00	155.35		776.75
104	18.64	Providing and fixing PTMT swivelling shower, 15 mm nominal bore, weighing not less than 40 gms	each	5.00	111.75		558.75
105	18.65	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	each	5.00	130.50		652.50
106	6.4.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	1.00	7809.25		7,809.25
107	6.13.1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:3 (1 cement : 3 coarse sand)	Sqm	10.00	956.60		9,566.00
108	11.23.1	Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in-charge, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with :	sqm	20.00	3237.80		64,756.00
109	11.26.1	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :	sqm	10.00	1531.85		15,318.50

110	11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.				-
111	11.41.1	Size of Tile 500x500 mm	sqm	10.00	1267.80	12,678.00
112	11.41.2	Size of Tile 600x600 mm	sqm	90.00	1500.55	135,049.50
113	11.41.3	Size of Tile 800x800 mm	sqm	1.00	1758.70	1,758.70
114	11.41.4	Size of Tile 1000x1000 mm	sqm	1.00	2499.25	2,499.25
115	11.56.1	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete.	sqm	1.00	3526.60	3,526.60
116	15.7.4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	Cum	1.00	1469.90	1,469.90
117	15.2.1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead.	Cum	50.00	1737.45	86,872.50
118	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead.	Cum	30.00	2534.70	76,041.00
119	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	Sqm	2000.00	39.00	78,000.00

120	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	Cum	200.00	138.85	27,770.00
121	4.1.5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	Cum	2.00	6259.10	12,518.20
122	4.1.4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size)	Cum	2.00	6680.20	13,360.40
123	4.1.2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	30.00	7210.55	216,316.50
124	5.22A.6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all	Kg	500.00	83.50	41,750.00
125		complete above plinth level				-
126	10.16.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.	Kg	800.00	143.45	114,760.00
127	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	2.00	101.75	203.50
128	5.9.3	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform	Sqm	10.00	693.05	6,930.50

129	8.31	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	sqm	70.00	1030.30	72,121.00
130	16.68	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete.	sqm	25.00	859.35	21,483.75
131	13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :	sqm	8000.00	60.00	480,000.00
132	9.1.2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia& length (hold fast lugs or dash fastener shall be paid for separately).	cum	1.50	105327.2	157,990.80
133	9.20.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	sqm	15.00	3023.95	45,359.25
134	9.5.1.1	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately) 35 mm thick shutters	sqm	10.00	3613.35	36,133.50

135	9.117.1	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance $\pm 1\text{mm}$), with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be Jointed with galvanized brackets and stainless steel screws, joints mitred and Plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19 mm and 1mm (± 0.1 mm) wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturer's specification.	m	100.00	221.65	22,165.00
136	9.118.2	Providing and fixing to existing door frames. 30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (± 0.2 mm), with inbuilt decorative moulding edging on one side. The styles and rails mitred and joint at the corners by means of M.S. galvanised/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. The styles of the shutter reinforced by inserting galvanised M.S. tube of size 25x20 mm and 1 mm (± 0.1 mm) wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2 mm (± 0.2 mm) wall thickness fixed to the shutter styles by means of plastic/ galvanised M.S. 'U' cleats. The shutter frame filled with auPVC multi-chambered single panel of size not less than 620 mm, having over all thickness of 20 mm and 1 mm (± 0.1 mm) wall thickness . The panels filled vertically and tie bar at two places by inserting horizontally 6 mm galvanised M.S. rod and fastened with nuts and washers, complete as per manufacturer's specification.	sqm	10.00	1978.65	19,786.50
137	9.97.1	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 300x10 mm	each	10.00	116.80	1,168.00
138	9.97.2	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 250x10 mm	each	10.00	103.55	1,035.50

139	9.97.3	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :200x10 mm	each	10.00	90.00	900.00
140	9.97.4	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 150x10 mm	each	10.00	75.00	750.00
141	9.97.5	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 100x10 mm	each	10.00	58.15	581.50
142	9.96.1	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm	each	10.00	257.15	2,571.50
143	9.96.2	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 250x16 mm	each	10.00	231.70	2,317.00
144	9.95	Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete:				-
145	9.95.1	125x75x4 mm	each	5.00	136.60	683.00
146	9.95.2	125x63x4 mm each	each	15.00	114.25	1,713.75
147	9.95.3	100x75x4 mm	each	10.00	104.90	1,049.00
148	9.95.4	100x63x4 mm	each	5.00	95.65	478.25
149	9.95.5	100x63x3.2 mm	each	5.00	88.45	442.25
150	9.95.6	75x63x4 mm	each	5.00	77.10	385.50
151	9.95.7	75x63x3.2 mm	each	5.00	70.55	352.75
152	9.95.8	75x45x3.2 mm	each	5.00	66.50	332.50
153	9.100	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				-
154	9.100.1	125 mm	each	10.00	59.65	596.50
155	9.100.2	100 mm	each	5.00	52.85	

						264.25
156	9.100.3	75 mm	each	5.00	45.90	229.50
157	17.29	Providing and fixing 100 mm sand cast Iron grating for gully trap.	each	10.00	44.60	446.00
158	21.4.1	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc.	each	2.00	2412.50	4,825.00
159	51	Hydraulic Excavator of 1 cum bucket	Hour	20.00	1000.00	20,000.00
160	2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	Sqm	8500.00	12.55	106,675.00
161	22.6	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying: (a) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. (b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. (c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. (d) fourth and final layer of brick tiling with cement mortar (which will be paid for separately.	Sqm	100.00	523.05	52,305.00
162	13.21	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers	per bag of 50 kg cemen t used in the mix	45.00	59.75	2,688.75

163	9.84	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	each	10.00	851.60	8,516.00
164	19.7.1.1	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 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 and making 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) : With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	1.00	10905.05	10,905.05
165	17.28.2.1	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe 32 mm dia	each	30.00	101.10	3,033.00
166	14.22.1	Renewing Wrought iron or M.S. Wheel or roller of steel door or gate and fitting and fixing the same with necessary clamps, nuts and bolts/welding and erection etc. complete. Wheel 50 mm dia and below	Per Wheel	50.00	146.75	7,337.50
167	21.12.1	Providing and fixing aluminium tubular handle bar 32 mm outer dia, 3.0 mm thick & 2100 mm long with SS screws etc .complete as per direction of Engineer-in-Charge. Anodized (AC 15) aluminium tubular handle bar	each	5.00	512.30	2,561.50
168	13.50.3	Applying priming coat: With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	Sqm	100.00	50.70	5,070.00
169	9.77	Providing and fixing bright finished brass 100 mm mortice latch with one dead bolt and a pair of lever handles of approved quality with necessary screws etc. complete.	each	4.00	592.35	2,369.40
170	18.22.2	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 150 mm diameter	each	10.00	188.80	1,888.00
171	18.53.1	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 1 15mm nominal bore	each	10.00	532.00	5,320.00
172	9.74.1	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 250x10 mm	each	50.00	373.65	18,682.50

173	21.1.2.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	950.00	546.35	519,032.50
174	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer.	Sqm	10.00	8670.50	86,705.00
175	9.75.1	Providing and fixing bright finished brass door latch with necessary screws etc. complete :300x16x5 mm	each	10.00	272.40	2,724.00
176	9.101.1	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws Single rubber stopper	each	100.00	33.95	3,395.00
177	13.51.1	Painting with silicon & acrylic emulsion based water thinnable sealer of approved brand and manufacture on wet or patchy portion of plastered surfaces :One coat	each	100.00	81.20	8,120.00
178	13.8	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	4000.00	115.15	460,600.00
179	10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	Kg	100.00	575.45	57,545.00
180	18.74.2	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour. 15 mm nominal bore with 45 cm length	each	150.00	112.45	16,867.50

181	17.3.1	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :W.C. pan with ISI marked white solid plastic seat and lid	each	1.00	6685.00	6,685.00
182	14.91.1	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/ 450N/ 5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane : 3 mm thick	sqm	200.00	535.00	107,000.00
183	13.52.1	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On steel work	sqm	200.00	189.75	37,950.00
184	13.48.2	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture	sqm	200.00	130.25	26,050.00
185	15.57	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	Sqm	150.00	42.00	6,300.00

186	9.83	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	each	10.00	1003.50	10,035.00
187	17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	each	10.00	1283.05	12,830.50
188	9.59.2	Providing and fixing ISI marked oxidised M.S. single acting spring hinges with necessary screws etc. complete : 125 mm	Each	20.00	218.00	4,360.00
189	17.22B	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia	each	1.00	6113.60	6,113.60
190	PWD-2017(Page-47,Items-19)	Supplying, fitting and fixing pillar cock of approved make. c) CP Pillar Cock - 15 mm. (Code No. 5011 & Model - FLORENTINE of JAQUAR or equivalent).	each	10.00	1011.26	10,112.60
191	17.37.1	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including cost of cutting holes and making good the walls etc. :For 100 mm dia pipe	each	30.00	287.45	8,623.50
192	10.22	Welding by gas or electric plant including transportation of plant at site etc. complete.	Cm	200.00	3.35	670.00
193	15.23.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metreslead.For thickness of tiles above 25 mm and up to 40 mm	Sqm	100.00	85.70	8,570.00
194	11.19.2	Chequeredterrazo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) :Medium shade pigment using 50% white cement, 50% ordinary cement	Sqm	10.00	1240.60	12,406.00
195	21.3.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm)	Sqm	37.47	1296.40	48,569.89
						7,537,294.54
		Add Cost Index @ 31.36%				2,363,695.57

	Grand Total			9900990.11
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