

HINDU COLLEGE, DELHI UNIVERSITY, NORTH CAMPUS, DELHI
NOTICE INVITING TENDER

C/o Repair of Boy's Hostel including repair of toilets, Hindu College, Delhi University, Delhi

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This NIT contains 1 to 48 pages including up to date correction slips

Principal
Hindu College

NOTICE INVITING TENDERS

(NATIONAL COMPETITIVE BIDDING)

1. Online bids are invited on two bid system for “Boy’s Hostel repair including repair of toilets, Hindu College, Delhi University, Delhi” Manual bids shall not be accepted.

2. Document Download: Tender documents may be downloaded from Hindu College web site <http://www.hinducollege.ac.in> and www.du.ac.in (for reference only) and CPPP site <https://eprocure.gov.in/eprocure/app> the schedule as given in CRITICAL DATE SHEET as under.

CRITICAL DATE SHEET

Published Date	11.06.2019 (10.00AM)
Bid Document Download / Sale Start Date	11.06.2019 (10.00AM)
Bid Submission Start Date	11.06.2019 (10.00AM)
Bid Submission End Date	24.06.2019 (02.00PM)
Estimate Cost	Rs.43.00 Lakh
Tender Fee	Rs.1000.00
EMD	Rs.2.25 Lakh
Completion Time	60 Days
Technical Bid Opening Date	25.06.2019 (03.00PM)
Financial Bid Opening Date	To be intimated later

3. Bid Submission:

Bidders are advised to visit this website regularly to keep themselves updated as any change/ modification in the tender will be intimated through this website only.

Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app> .

Tenderer/Contractor are advised to follow the instructions “Instructions To Bidder for Online Bid Submission” provided of bids and NIT for other conditions.- .

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

4. Not more than one tender shall be submitted by one contractor or contractors having business relationship. Under no circumstance will father and his son(s) or other close relations who have business relationship with one another (i.e. when one or more partner(s)/director(s) are common) be allowed to tender for the same contract as separate competitors. A breach of this condition will render the tenders of both parties liable to rejection.

5. Tenderer who has downloaded the tender from the College website <http://www.hinducollege.ac.in> Central Public Procurement Portal (CPPP) website <https://eprocure.gov.in/eprocure/app>, **shall not tamper/modify the tender form including downloaded price bid template in any manner.** In case if the same is found to be tempered/modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with Hindu College.

6. Intending tenderers are **advised to visit again** Hindu College website <http://www.hinducollege.ac.in>, www.du.ac.in and **CPPP website** <https://eprocure.gov.in/eprocure/app> **regularly till closing date of submission** of tender for any corrigendum / addendum/ amendment.

7. Applicant contractor must provide demand draft for Rs. 1000/- (Rupees One thousand only)(to be purchased on or after publication date of this tender) **in favour of Principal Hindu College, RTGS/NEFT/DD to account no. details given below ,with their application/downloaded tenders as the cost of tender forms/ documents. The all applicable bank charges shall be borne by the applicant and he shall not have any claim what so ever on this account on Government. In case of re- tendering, the firms which has submitted the DD in earlier calls will require to submit proof of RTGS/NEFT along with their tender/application in subsequent calls. Tender not accompanied with the cost of tender documents is liable to be rejected. However, public sectors undertaking / Govt undertaking firms are exempted from the payment towards cost of tender documents.**

8. The EMD for Rs. 2,25,000 (Rupees Two Lakhs and twenty Five thousand only) in the shape of RTGS/NEFT/Bank Draft or in any other forms as acceptable in CPWD manual, in favour of 'PRINCIPAL,HINDU COLLEGE' shall be deposited along with the Technical bid.

Tender Fee &EMD Payment:

Earnest Money Deposit is to be deposited electronically by RTGS/NEFT/Bank drafts in the account of Principal, Hindu College at the below

mentioned details. Bidders are required to submit the details of Tender fee and EMD payment at the time of Bid Preparation.

BANK Details for T. Fee and EMD Payment through Demand drafts:

Bank Name – State Bank of India, Hindu College University of Delhi.

IFSC Code – SBIN0010433

Account Number – 10851301244

8 The Hard Copy of original instruments in respect of tender Fee, earnest money, must be delivered to the Principal, Hindu College on or before bid opening date/time as mentioned in critical date sheet. Tenderer shall likely to be liable for legal action for non-submission of original payment instrument like DD, etc., against the submitted bid. The Demand Draft attached/submitted for tender fee shall be non refundable.

9. Bids will be opened as per date/time as mentioned in the **Tender Critical Date Sheet**. After online opening of Technical-Bid the results of their qualification as well Price-Bid opening will be intimated latter.

Submission of Tender

The tender shall be submitted online in Two part, viz., technical bid and price bid.

All the pages of bid being submitted must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading.

The offers submitted by Telegram/Fax/email shall not be considered. No correspondence will be entertained in this matter.

Technical Bid

The following documents are to be furnished by the Contractor along with **Technical Bid** as per the tender document:

- i) Signed and Scanned copy of **proof for payment of Tender document Cost (Tender Fee) and Earnest Money Deposit**
- ii) Signed and Scanned copy Certificates like Registration certificate, ESIC, PPF, GST Registration.
- iii) Signed and Scanned copy of Proof of Turnover in last 3 years (should not be less than 2.00 Cr)
- iv) Signed and Scanned Copy of **Tender Acceptance Letter (Annexure IV) & Letter of authorization to submit bid** (annexure VI)
- v) Signed and scanned copies of all affidavits and undertakings as per annexure I to V.
- vi) No near relative certificate (Annexure VI)
- vii) Signed and Scanned Copy of **Technical data sheet**
- viii) Delivery time is 60 days after confirmation of order.
- ix) Should have experience of having worked for Govt. organizations/ Educational Institute.

PRICE BID

- (a) Schedule of price bid in the form of BOQ_XXXX.xls

CHECK LIST OF DOCUMENTS TO BE SUBMITTED.-TECHNICAL DATA SHEET

BID CHECKLIST

Bidder is required to fill-up this checklist and enclose along with the envelope containing the Earnest Money.

Sl.	Item Description	Yes/No	Bid Reference
1.	Tender Fee Enclosed		
2.	Earnest Money Enclosed		
3.	Tender Acceptance Letter (Annexure-IV)		
4.	Letter of authorization to submit bid.(Annexure-VI)		
5.	An undertaking that the agency hasn't been blacklisted (Annexure –IV)		
6.	Annexure I to VI		

HINDU COLLEGE, DELHI UNIVERSITY, NORTH CAMPUS, DELHI

NOTICE INVITING TENDER

Item rate tenders are invited on behalf of the **Principal HINDU COLLEGE** from approved and eligible contractors of C.P.W.D. (and those of appropriate list of Department of Telecommunication, M.E.S., Railway, D.D.A., N.D.M.C., M.C.D., I and F Deptt. (Delhi), DJB & Delhi State P.W.D.) and Central /State Govt Departments/Corporations /Undertakings /Development Authorities etc for the work of:

Name of work : Repair of Boy's Hostel including repair of toilets, Hindu College, Delhi University, Delhi

The enlistment of the contractors should be valid on the last date of submission of tenders.

In case the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.

- 1.1 The work is estimated to cost **Rs. 43.00 Lakh+ Taxes as applicable** this estimate, however, is given merely as a rough guide.
- 1.2 Intending tenderer is eligible to submit the tender provided he has definite proof from the appropriate authority, which shall be to satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria of eligibility for submission of tender documents

1. One similar works each costing not less than **Rs. 50.00 Lakh** in last 3 years ending 31.03.2019.
2. In case of Works done for agencies other than C.P.W.D. (and those of appropriate list of Department of Telecommunication, M.E.S., Railway, D.D.A., N.D.M.C., M.C.D., I and F Deptt. (Delhi), DJB & Delhi State P.W.D.) and Central /State Govt Departments/Corporations /Undertakings /Development Authorities, the contractor shall submit TDS for specific works as additional proof .

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date of submission of tender.

For the purpose of this clause 'Similar work' means Educational Building and Other Construction work.

- 1.3 To become eligible for tender, the tenderer shall have to furnish affidavit as Annexure III for not getting the work done through other agencies on back to back basis.
 - 1.3.1 Necessary EMD as defined at SI. No. 1.6 shall be deposited. The receipt shall be scanned and uploaded.
 - 1.3.2 The Cost of tender Rs. 1000.00 shall be deposited and the receipt shall be scanned and uploaded

- 1.4 Presentation of GST Registration valid as on date along with a certificate of the contractor that upto date returns have been filed along with the copies of such returns submitted to the department of Trade and Taxes. Affidavit as per Annexure –IV is required for this purpose..
- 1.5 Verification of the documents in the office of PRINCIPAL in respect of lowest tenderer” L-I” shall be carried out after opening of financial tender i.e. The agency L-I shall bring all his originals and photocopies of the documents scanned and uploaded for tender in the office of PRINCIPAL on date and time intimated to him.
- 1.6 **The EMD for Rs. 2,25,000/- (Rupees Two Lakh Twenty Five Thousand only) in the shape of Bank Draft or in any other forms as acceptable in CPWD manual, in favour of ‘PRINCIPAL,HINDU COLLEGE’ shall be deposited along with the Technical bid.**
- 1.7 The financial bid shall be opened in respect of agencies who are otherwise found eligible as per documents submitted by bidders in technical stage and EMD is submitted.
- 1.8 If any discrepancy or any short coming is found at later stage or L-I agency does not turn up for verification of originals and which renders tender of L-I Agency as invalid, the 50% of EMD amount shall be forfeited and the tenderer shall be debarred for re-tendering for period of 2 years at HINDU COLLEGE.
- 1.9 Contractor is required to fulfill the provisions of PF (under EPF Scheme) and other labour laws as applicable time to time. Contractor should be registered with the Provident Fund Commissioner and should submit copy of the registration along with the technical bid.
2. Agreement shall be drawn with the successful tenderer on prescribed standard form of HINDU COLLEGE, which is available with HINDU COLLEGE office. Tenderer shall quote his rates as per various terms and conditions of the said form & general specification and special condition, which will form part of the agreement.
3. The time allowed for carrying out the work will be 2 months (60 Days) from the date of start as defined in schedule ‘A’.
4. The site for the work is available.
5. Tender documents consisting of plans, specifications, the schedule of qualities of the various classes of work to be done and the set of terms & conditions of contract to be complied and other necessary documents can be downloaded from the College website .
6. The contractor whose tender is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in Schedule A. This guarantee shall be in the form of cash / Banker’s cheque/ Demand Draft /Pay order of any Scheduled Bank or Government securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as

indicated in Schedule 'A' including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

7. The description of the work is as follows:

C/o Repair of Boys Hostel including repair of toilets, Hindu College, Delhi University, Delhi

Tenders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

8. The competent authority on behalf of the HINDU COLLEGE does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.
9. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
10. The competent authority on behalf of **PRINCIPAL, HINDU COLLEGE** reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

11. The contractor shall not be permitted to tender for works in the HINDU COLLEGE (responsible for award and execution of contracts) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive) He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the HINDU COLLEGE.
- Any breach of this condition by the contractor would render him debarred for further tendering in HINDU COLLEGE.
12. No Engineer of gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in the Engineering Department of the HINDU COLLEGE is allowed to work as a contractor for a period of one years after his retirement from Govt. service, without previous permission of the PRINCIPAL, HINDU COLLEGE in writing. This contract is liable to be cancelled if either the contractor or any of his employee is found at any time to be such a person who had not obtained the permission of the PRINCIPAL, HINDU COLLEGE as aforesaid before submission of the tender or engagement in the contractors service.
13. The tender for the works shall remain open for acceptance for a period of ninety (90) days from the date of opening of tenders/Ninety days from the date of opening of financial tender if any tenders withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work. Agency will be debarred for tendering for two years in tendering in HINDU COLLEGE.
14. This notice inviting Tender shall form a part of the contract document. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days form the stipulated date of start of the work sign the contract consisting of :
- (a). The notice inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.

For & on behalf of PRINCIPAL, HINDU COLLEGE

SCHEDULE

SCHEDULE 'A'

Any deviations as may be ordered up to any limit as per the discretion of Principal, Hindu College. Principal, Hindu College has absolute right to reduce the scope of work and no compensation for such reduction of work in any form shall be payable to the contractor.

The Governing body of the College may stop the work at its discretion at any stage due to its own reasons. In this case Contractor shall have no claim for the works not executed.

C/o Repair of Boy's Hostel including repair of toilets, Hindu College, Delhi University, Delhi

Sub Head : Civil works

Estimated cost of **:Rs. 43.00 Lakh + Taxes as applicable**
this estimate, however, is given merely as a rough guide.

- i. Earnest money : **Rs. 2,25,000/-**
- ii. Performance Guarantee : 5% of the tendered value
- iii. Security Deposit : 5% of tendered value

General Rules & Directions :-
Officer inviting tender **Principal , Hindu College**

Definitions :

2 (viii)	Accepting Authority	Principal , Hindu College
2 (xi)	Standard Schedule of Rates	2016
2 (xii)	Department	HINDU COLLEGE

Clause- 1

- i) Time allowed for submission of performance Guarantee from the date of issue of letter of acceptance, in days: **07 days.**
- ii) Maximum allowable extension beyond the period provided in (i) above in days: **07 days.**

Clause 2

Authority for fixing compensation under clause 2.

Principal, Hindu College

Clause 2 A

Whether Clause 2A shall be applicable

No

Clause 3

No

Clause 4

No

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start.

07 days

Mile Stone(s) as per table given below:

Table of Mile Stone(s)

S. No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with held in case of non –achievement of mile stone
1.	1/8(of the whole work)	1/4(of the whole work)	In the event of non achieving the necessary progress as assessed from the running payments ,1% of tendered value of work will be with held for failure of each mile stone.
2.	3/8(of the whole work)	1/2(of the whole work)	
3.	3/4(of the whole work)	3/4(of the whole work)	
4.	Full	Full	

Time allowed for execution of work.

02 Months/ 60 Days

Clause 6, 6A

Clause applicable – (6 or 6 A)

6A Applicable

Clause 7

Gross work to be done together with net

Payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.

Mutually agreed upon

Clause 10 B(ii)

Whether clause 10 B (ii) shall be applicable

No

Clause 11

Specifications to be followed for

Execution of work : *C.P.W.D. Specification 2009, Vol. I to II with upto date correction slips, Specifications for Road and Bridge works issued by Ministry of Shipping, Road Transport & Highways in respect of WMM etc.*

Clause 12

..... Not

applicable , The scope of work may deviate as per the discretion of Principal, Hindu College. The contractor shall be required to work at the quoted rates only. Any deviations as may be ordered up to any limit as per the discretion of Principal, Hindu College. Principal, Hindu College has absolute right to reduce the scope of work and no compensation for such reduction of work in any form shall be payable to the contractor.

Note: In addition to above any other equipment required at site during execution shall be brought by the contractor as per directions of the Engineer-in-charge.

GENERAL SPECIFICATIONS & SPECIAL CONDITIONS

The entire works shall be done as per CPWD specifications for Delhi 2009 Vol. I to II with upto date correction slips Specifications for Road and Bridge works will be followed issued by Ministry of Shipping, Road Transport & Highways, where ever applicable. If the specifications for any item are not available in the CPWD specification referred above, relevant ISI specifications shall be followed. In case ISI specifications are also not available, the decision of the architect, given in writing shall be final.

Before commencement of the work, the contractor shall correlate nomenclature of the items with all the relevant Architectural and structural drawings to satisfy himself that the information available there from is complete and unambiguous. The figures and written dimensions on the drawing shall supersede the measurement by scale. The contractor will submit for approval of architect his workshop drawings and the sample of work to be performed under the specified items of work before actually commencing the mass execution of work under the item. Nothing extra shall be payable on this account.

- a) The nomenclature of the item shall take precedence overall and anything stated elsewhere.
- b) The conditions and specifications attached to tender documents shall take precedence over the provisions of CPWD specifications 2009 (Vol. I to II) and revised CPWD specification 2002 for cement mortar, cement concrete and RCC work in pursuance to IS : 456-2000 as corrected upto the due date of submission of tender and relevant I.S. Codes.
- c) The CPWD specification 2009 Vol. I to II and revised CPWD specification 2002 for cement mortar, cement concrete and RCC work in pursuance to IS : 456-2000 as corrected upto the due date of submission tender shall take precedence over provisions of relevant I.S. Codes.
- d) In case it is not possible to resolve the dispute with the help of tender documents and CPWD specification 2009 Vol. I to II and revised CPWD specification 2002 for cement mortar, cement concrete and RCC work in pursuance to IS : 456-2000 as corrected upto the due date of submission of tender the provisions of relevant I.S. Codes shall be relied upon.
- e) In case, it is not possible to resolve dispute with the help of any of the above stated documents, the decisions and directions of the Engineer-in-charge shall be followed for execution and completion of any item of work.

1. Whenever any reference to any Indian standard specifications occurs in the document relating to this contract the same shall be inclusive of all the amendments issued there to or revisions thereof, if any, upto the date of receipt of tenders.
2. The work shall be carried out in the manner complying in all respects with requirement of relevant bye-laws or the local bodies under the jurisdiction of which the entire work is to be executed or as directed by the Engineer-in-charge and nothing extra will be paid on this account.
3. The contractor shall be responsible to arrange at his own cost all necessary T&P required for the execution of work.
4. The contractor shall make his own arrangement for water and temporary electric connections, if required, and make necessary payment for it direct to the department concerned.
5. The contractor shall be deemed to have fully acquainted himself with the nature and extent of the work and working conditions at site before submitting the tender. The work shall be executed as per preference of items approved by Engineer-in-charge. If the materials, drawing, designs etc. are not available due to any conditions the programme of the contractors shall be modified accordingly and no compensations/damages shall be payable.
6. The contractor shall take all safety measures precautions by exhibiting necessary caution boards, red flags, red lights, and barriers to avoid any accident during execution of work. The contractor shall be responsible for all damages and accident due to negligence on his part. The contractor shall also provide helmets, safety belts etc. required for labours.
7. No payment will be made to the contractor for damages caused by rains or other natural calamities or riots during execution of the work and no claims on this account will be entertained.
8. The rates of all items of work shall, unless clearly specified otherwise are including cost of all labour, material and other inputs involved in the execution of the item.
9. The samples for testing which shall be sent to the outside lab the contractor shall have to bear all the cost like cartage/transportation etc. including the cost of sample & Testing charges.
10. The contractor shall make all efforts to mechanise the construction work to maximum possible extent by using the latest T & P / machinery and equipment etc. He shall use steel scaffolding and shuttering. Whenever, this is not possible the other type of

shuttering used shall be of proper size and shape. Similarly scaffolding other than steel shall be as per site requirement and prior approval of Engineer-in-charge shall have to be obtained in writing. The contractor with relation to site requirement shall arrange adequate quality of shuttering and scaffolding. No time lag on this account shall be allowed. All safety arrangements is to be taken care of by the contractor to avoid any accident in the use of shuttering and scaffolding etc.

11. The time of completion shall be essence of the contract and to be strictly adhered to by the contractor. He shall provide a PERT chart showing all the activity and events for timely completion of the project.
12. The contractor shall make his own arrangement for water at his own cost which should be fit for construction purposes. Water should be got tested from approved Lab. Nothing extra shall be paid on this account.
13. The various items of the work shall be taken up simultaneously wherever possible to speed up the work. Nothing extra shall be paid on this account.
14. The contractor shall maintain in good condition all work during execution till completion of entire work allotted to him.
15. Tenders with any conditions including that of conditional rebate shall be rejected forthwith.
16. The contractor should make necessary arrangement for round the clock working including working on Sundays and holidays except National holidays the planning should be done accordingly.
17. The contractor shall provide at his own cost all the instruments including surveying instruments etc. required for the purpose of checking at the site of work. Complete layout including setting up Benchmarks, taking and fixing levels for all works required to be executed under the project shall be done by the contractor.
21. The contractor shall make arrangement for sufficient quantity of all the materials required for construction of work conforming to specifications.
22. Proper labour hutments with all the required civic amenities as per CPWD Norms shall be constructed by the contractor at site of work. He has to remove all the hutments at completion.
23. The Contractor shall make necessary arrangements for medical aid to all his workers including availability of first aid box all the time aid the site of work.

24. Development work i.e. electrification, horticulture, roads, water supply etc. and internal and external services may also be carried out simultaneously by other agency with the work being tendered for against the enclosed contract documents. The contractor shall afford necessary facilities for the same. No claim in the matter shall be entertained
25. Payment of 1% cess to the labour department as per “Building & other construction workers welfare cess Act 1996” shall be borne by the contractor.
26. The design and drawing may be revised any time during execution of work by competent authority. No claim shall be entertained on this account except in increase of the area.
27. Even ISI marked material may be subjected to the quality test at the discretion of the Engineer-in-charge. Whenever ISI marked materials are brought to the site of work the contractor shall, if required by the engineer-in-charge, furnish manufacturers test certificate or test certificates confirm to the relevant IS Codes. However cement /steel will be necessarily tested before start of work and will not be used till test certificates are obtained and approved by Engineer-in-charge
28. Any material of the site shall not be disposed off without the prior written permission of the Engineer-in-charge. The disposed material should be dumped at the place authorized by Engineer-in-charge.
29. The work may be inspected by central Vigilance Commission or any other agency on behalf of HINDU COLLEGE. Any deduction/ compensation proposed by CVC or HINDU COLLEGE in regard to defective work or work not confirming to specifications, loss of time, amount shall be deducted from bills. No claim of the contractor whatsoever shall be entertained on this account.
30. The department will be responsible only to the contractor and his authorized representative and none else, with whom contractor may be in liasion or associated in any manner.
31. The contractor shall also make necessary agreement at his own cost for diesel generator sets required for the work, so that the same can be used by him during failure/none availability of electricity. Necessary permission etc. if required shall be taken by him from the concerned authorities. Nothing extra shall be paid on this account
32. Nothing extra, what so ever shall be payable to the contractor for executing the work as per general specifications and special conditions in all the above paras.
33. The contractor has to execute the work carefully so that the work already executed may not be damaged due to his operation of machines and manpower. If any work is damaged

due to negligence compensation has to be paid / recovered, no claim shall be entertained on this account.

34. All tools, plant and machinery provided by the contractor, shall, when brought to the site, be deemed to be exclusively intended for construction and completion of this work and the contractor shall not remove the same or any part thereof without the consent of the Engineer-in-charge.
35. The contractor shall submit sample of all fitting and fixtures proposed to be used to the Engineer-in-charge for his approval. The approved samples shall remain with the Engineer-in-charge till the completion of work. The contractor shall construct samples of the finishing items like stone and tile work, flooring work, toilets etc. complete in all respects as per the directions of the Engineer-in-charge. These samples shall be got approved from the Engineer-in-charge and the consultant before commencing the mass work.
36. The contractor shall take care of the safety precautions pertaining to the construction of works, such as excavation, trenching, demolition, provisions of scaffolding, ladder, working platforms, gangways, mixing asphalt materials, electric arc/gas welding, use of hoisting and construction machinery. He shall be governed by relevant provisions of CPWD safety code and as directed by the Engineer-in-charge and nothing extra shall be payable in this account.
37. The contractor shall be responsible for watch and ward of the building, safety of all fittings and fixtures including sanitary and water supply fittings and fixtures against pilferage and breakage during the period of installation and thereafter till the building is physically handed over to the department.
38. The contractor shall submit all risk policy (CAR) for the work. For which nothing extra shall be paid to the contractor.
39. The work will be carried out in the manner complying, in all respects, with the requirements of relevant bye-laws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-charge and nothing extra shall be paid on this account.
40. The work of water supply, internal sanitary installation and drainage work etc. shall be carried out as per local Municipal Corporation or such local body bye-laws and the contractor shall produce necessary completion certificates, wherever required, from such authorities after completion of work.

41. Water tanks, taps, pipes, fittings and accessories shall conform to bye-laws and specifications of the Municipal body / Corporation. the contractor should engage licensed plumbers for the work and get the materials, (fixtures and fittings) tested by the Municipal Authorities, wherever required, at his own cost and nothing extra shall be payable.
42. The contractor shall comply with proper and legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which may be liable at his own cost.
43. The contractor shall give due notices to Municipal, Police and / or other authorities that may be required under the law / rule under force in the area and obtain all requisite licenses for temporary obstructions / enclosures and pay all charges which may be leviable on account of his execution of work under the agreement. Nothing extra shall be payable on this account.
44. The Contractor has to make own arrangement of earth for all back filling where ever required at site of work without any extra cost or claim.
45. C.P.W.D. Contractor's Labour Regulations shall be applicable and the contractor shall make arrangements for Labour welfare as per applicable rules.

Form of Bank Guarantee Bond
(Format for Performance Guarantee)

In consideration of the Principal of HINDU COLLEGE (hereinafter called "The HINDU COLLEGE") having offered to accept the terms and conditions of agreement between and(hereinafter called "the said Contractor(s)") for the work (hereinafter called "the said agreement") having agreed to production of irrevocable Bank Guarantee for Rs..... (Rupeesonly) as a security / Guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We(hereinafter referred to as "the Bank") hereby undertake to pay to the HINDU COLLEGE an amount not exceeding Rs. (Rupees.....) only) on demand by the HINDU COLLEGE.
2. We.....(indicate the name of the Bank) do hereby undertake to pay the amount due and payable under this Guarantee without any demure, merely on a demand from the HINDU COLLEGE stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regard the amount due and payable by the bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs. (Rupees Only).
3. We the said bank further undertake to pay to the HINDU COLLEGE any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit proceeding pending before any court or tribunal related thereto, our liability under this present being absolute and unequivocal.

The payment so made by us under this bond shall have been a valid discharge or our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment

4. We (indicate the name of the Bank) further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the HINDU COLLEGE under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-charge on behalf of the HINDU COLLEGE certified that the terms and conditions of the said agreement have been fully and properly carried out the said Contractor(s) and accordingly discharges this Guarantee.
5. We(indicate the name of the Bank) further agree that the HINDU COLLEGE shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or
6. to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the HINDU COLLEGE against the said contractor(s) and to forbearance or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, extension being granted to the said contractor(s) or for any forbearance, act of omission on the part of the SDI IDC or any indulgence by the HINDU COLLEGE to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
7. The guarantee will not be discharged due to the change in the constitution of the Bank or the contractor(s).
8. We (indicate the name of the bank) lastly undertake not to revoke this guarantee except with the previous consent of the Principal Hindu College in writing.
9. This guarantee shall be valid up to unless extended on demand by Principal Hindu College Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees..... Only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated that day of for (indicate the name of the Bank).

APPROVED MAKES OF MATERIAL

The material of first/standard quality from the following approved make are to be used. In case it is established that the brands specified below are not available in the market, contractor shall submit alternative proposal for the approval of Engineer-in-charge.

- | | | |
|--|---|--|
| 1. Laminates | : | Formica, Decolam, Greenlam, Merino |
| 2. Synthetic Enamel Paints | : | Burger (Luxol Gold), Asian (Apolite)
ICI Dulux (Gloss), Brolac (Full gloss hard drying) |
| 3. Cement Paint | : | Super Snowcem, Asian, Nerolac |
| 4. Oil Bound Distemper | : | Asian, Berger, Nerolac |
| 5. Chequered Tiles | : | Modern, Nitco, K.K., NTC. |
| 6. Polysulphide sealant | : | Pidiliet, Fosroc, Vamiseal GP. |
| 7. Polyethylene Sealant | : | MBT, ChemrexCorchem (CICO) |
| 8. Polycarbonate sheet roofing | : | Coxwell Domes, Hindustan Alcoa Ltd.,
GE Plastic |
| 9. Multi-cell Poly carbonate sheet | : | Danpalon, Gallina, Lexan |
| 10. Sunken Portion Treatment | : | Roffee, Krytone or equivalent |
| 11. Ceramic Tiles | : | Kajaria, Bell, Johnson, Orient Ceramics |
| 12. Granamite Vitrified Tiles | : | Bell, Lotus Kaleen or equivalent |
| 13. Acid/Alkali Tiles | : | Kera, Duratoor equivalent |
| 14. Terrazzo Tiles | : | NITCO, NIMCO, Hindustan Orient
SomaniKajaria |
| 15. Flush Doors | : | DURO, Anchor, Kitply, |
| 16. Prelaminated Particle Board | : | Novapan, Kitlam, Anchor |
| 17. Chemical Water Proofing | : | STP/Cico/Dura/Phosrock/MC Bauchem |
| 18. Aluminium | : | Jindal, Hindalco |
| 19. Clear float glass | : | Modi Guard , Saint-gobain or equivalent |
| 20. Vitreous China Sanitary Ware | : | Hindware models as specified |
| 21. Centrifugally cast (spun) iron pipes
and fittings | : | R.I.F., NECO, B.C. |
| 22. G.I. pipes | : | Jindal or equivalent |
| 23. G.I. fittings | : | R, Unik, K.S. |
| 24. Stoneware pipes & Gully traps | : | Prefect, Burn, Hind |
| 25. PVC pipes& fittings | : | Polypack, Supreme |
| 26. cPVC pipes & fittings | : | Astral, Finolex |

27. Valves	: Zoloto
28. MS members, Sections	: TATA,
29. One coat	: JK, Birla
30. Manhole , GT, Gulley grating Covers	: KK:
31. Angular Stop Cock	: jaguar Con-059 KN
32. Towel Rack	: ACN-1181FHN Jaquar
33. Soap Dispenser	: AKP-35735P Jaquar
34. Towel Ring Round	: AQN-7721 Jaquar
35. Pillar Cock Long neck With Aerator	: Hindware
36. Urinal	: Hindware
37. Wall-hung European type water closet	: Hindware
38. Concealed Cistern with Chrome Plate	: Viega

LIST OF APPROVED MAKES OF MATERIAL FOR ELECTRICAL WORKS

Details of equipment/material	Manufacturers Name
A. <u>Internal Electrical Works</u>	
MS black enameled/galvanized ERW conduits	Polypack, Supreme
GI pipes	Tata, Jindal, Prakash
PVC Conduit and accessories	Polypack, Supreme
MS Conduit accessories	Sharma, Rama, Noble
Copper conductor PVC insulated wires	Finolex
Modular switches, socket outlets and wiring accessories with moulded cover plate	Legrande, Anchor Roma, MK
Heavy duty metal clad socket outlets with MCB in MS housing	MDS Lexic, Siemens, L&T Hager
Weather proof socket outlets with MCB	MDS Lexic, Neptune, Siemens, L&T Hager, ABB
Miniature Circuit Breaker	MDS Lexic, L&T Hager, ABB
Earth Leakage Circuit Breaker	MDS Lexic, L&T Hager, ABB
Timers	MDS Lexic, L&T Hager
MCB Distribution Boards in sheet steel housing (double door)	MDS Lexic, L &T, ABB
Ultrasslim LED flat panel (2'X2')	Halonix/Philips/Bajaj/Pierlit
BULKHEAD Luminaire	Philips
T5 Lumiouries fitting (T5 1 x 28 W)	Phillips/Crompton

NOTE:

1. If none of preferred make material is available material of the other make can be used confirming to specification with prior approval of Architect.
2. Any material not listed above but necessary for the execution of various items shall be at least conform to BIS standards or equivalent shall be used with the prior approval of Architect and approved sample shall be kept at site of work.
3. Approved makes of materials also include the makes and brands, which might have been mentioned specifically in the nomenclature of an item in the Schedule of Quantities as well as the CPWD specifications. This list will supersede the make/brand of any material stated elsewhere.

IMPORTANT INSTRUCTIONS FOR THE TENDERER

1. If any tenderer submits false information and/or documents, his earnest money deposit shall be forfeited and he shall also be black-listed /debarred by the Corporation for future tendering.
2. The Principal ,HINDU COLLEGE reserves the right to reject all/any tender without assigning any reason and can award the work to more than one tenderer.

Principal, HINDU COLLEGE

Schedule of Payment

The Payment schedule will be decided after the discussion with successful vender.

Research Centre , Hindu College

Annexure I (Clause 1.3)

Affidavit

I/We.....S/o.....R/o.....undertake and confirm that eligible similar work(s) has/have not been got executed through any other contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering for Hindu College in future forever. Also, if such a violation comes to the notice of Department before the issue of letter of acceptance whichever is earlier .the Principal shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

ii) In case of my tender is not accepted as per terms & condition of NIT and for any refund is made to me, the EMD Bank Draft. may be refunded.

A. Name of agency:-

B. Bank, Branch code, Place details etc:-

Signature of Tenderer

Annexure II (Clause 1.3)

Affidavit

I/WeS/o.....resident ofdo hereby solemnly affirm and declare as under :-

i)That I am sole proprietor/Partner/ authorized representative of the company/LLP of M/s..... at R/o.....

ii) That upto date returns of GST department have been duly filed and no dues are pending of the GST deptt.

iii)That this is my true and correct statement.

Signature of Tenderer

ANNEXURE III

CONFIRMATION

I/We confirm that the General Specifications and special conditions appended in the tender documents have been fully examined and full cognizance taken thereof in arriving at the item unit prices and total amount and tendered sums contained therein my/our tender. It is further certified that I/We have not been blacklisted/ debarred from tendering by any of the departments the registration of which is deemed valid in HINDU COLLEGE.

Contractor

Annexure IV -TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:

To,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. I/We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

6. I/We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Annexure V

Undertaking on Letterhead of the Contractor

C/o Repair of Boy's Hostel including repair of Toilets, Hindu College, Delhi University, Delhi

Item area rate tender HINDU COLLEGE

(A) Technical tender for the work of: C/o Repair of Boy's Hostel including repair of Toilets, Hindu College, Delhi University, Delhi

TENDER

I/We have read and examined the notice inviting tender, schedule A, specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the PRINCIPAL, HINDU COLLEGE within the time specified in Schedule 'A', viz, schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

I /We have read and fully accept the special clause:-**Any deviations as may be ordered up to any limit as per the discretion of Principal, Hindu College. Principal, Hindu College has absolute right to reduce the scope of work and no compensation for such reduction of work in any form shall be payable to the contractor.**

The Governing body of the College may stop the work at its discretion at any stage due to its own reasons. In this case Contractor shall have no claim for the works not executed.

We agree to keep the tender open for ninety (90) days from the date of submission of tender thereof and not to make any modifications in its terms and conditions.

EMD for Rs. 2,25,000 /- (Rupees Two lakhs and twenty five thousand only) in the shape of Bank Draft of a scheduled Bank / (Mode of EMD to be specified) is being deposited as earnest money. deposited, If I/we fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said PRINCIPAL, HINDU COLLEGE or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely, further if I/we fail to commence the work as specified, I/we agree that PRINCIPAL,

HINDU COLLEGE or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered up to any limit as per the discretion of Principal, Hindu College. We agree that the Principal, Hindu College has absolute right to reduce the scope of work and no compensation for such reduction of work in any form shall be payable to the contractor. Further, I/We agree that in case of forfeiture of earnest money or both earnest performance guarantee as aforesaid. I/We shall be debarred for participation in the re-tendering doing process of the work.

I/we hereby declare that I/we shall treat the tender documents, drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived there-from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated :

Signature of Contractor

Postal Address

Witness :

Address :

Occupation :

Annexure VI

Affidavit

I/WeS/o.....resident ofdo hereby solemnly affirm and declare as under :-

i) That I am sole proprietor/Partner/ authorized representative of the company/LLP of M/s..... at R/o.....

ii) That no near relative of mine is an employee at Hindu College, Delhi University, Delhi.

Signature of Tenderer

Annexure VII

Format for Financial Bid (Financial bid has to be filled online only in BoQ file)

- No** Please fill rates for Complete Scope of services as stipulated in the Technical Bid Document
te: on Firm Price basis inclusive of all taxes and levies, direct and indirect expenses, and without
 - any escalation, excluding GST which has to be added separately in the end.

C/o Repair of Boy's Hostel including repair of toilets, Hindu College, Delhi University, Delhi

	Description of items	Quantity	Unit	Rate	Amount
	Civil Works				
1	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyriphos/ Lindane emulsifiable concentrate of 20%.Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion)	14.19	Litre		
2	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	141.89	sqm		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	27.40	cum		
4	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20mm nominal size).	0.79	sqm		
5	Centering and shuttering including strutting, propping etc. and removal of form for : Shelves (Cast in situ)	13.69	sqm		
6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto floor V level Thermo-Mechanically Treated bars.	179.00	kilogram		

7	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. (Note :- Cement content considered in this item is @ 330 kg/cum. "Excess/less cement used as per design mix is payable/recoverable separately). All works above plinth level upto floor V level	1.79	cum		
8	Half brick masonry with F.P.S. bricks of class designation 75 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	115.92	sqm		
9	Extra for providing and placing in position 2 Nos. 6mm dia. M.S. bars at every third course of half brick masonry (with F.P.S. bricks).	115.92	sqm		
10	Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished machine cut for flooring, staircase treads, risers and landings, kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels. Granite of any colour and shade Area of slab upto 0.50 sqm	13.69	sqm		
11	Extra for providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite of any colour and shade	22.82	metre		
12	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	13.69	sqm		
13	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. Twin rubber stopper	16.20	sqm		

14	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture) 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.	559.34	sqm		
15	Providing and laying rectified ceramic glazed tiles 300 x300 mm or more (thickness to be specified by the manufacture) of 1st quality conforming to IS :15622 of approved make and all colour and shades except white, Ivory, Grey, Fume, Red brown laid on 20mm thick cement mortar 1:4 (1cement : 4coarse sand) including pointing the joint with white cement and matching pigments etc. complete	303.86	sqm		
16	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	10.00	each		
17	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter	60.00	rmt		
18	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
18.01	Coupler 110 mm	8.00	each		
18.02	Single tee without door 110x110x110 mm	8.00	each		
18.03	Shoe (Plain) 110 mm Shoe	8.00	each		
19	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water tinnable priming coat with cement primer	188.80	sqm		

20	Finishing walls with water proofing cement paint of required shade : New work (Two or more coats applied @ 3.84 kg/10 sqm)	169.51	sqm		
21	Providing and applying 12 mm thick (average) premixed formulated one coat gypsum lightweight plaster having additives and light weight aggregates as vermiculite/ perlite respectively conforming to IS: 2547 (Part - 1 & II) 1976, applied on hacked / uneven background such as bare brick/ block/ RCC work on walls & ceiling at all floors and locations, finished in smooth line and level etc. complete.	169.51	sqm		
22	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. complete as per directions and approval of Engineer-in- charge .The elevational area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding. Note: - This item to be used for maintenance work judiciously, necessary deduction for scaffolding in the existing item to be done.	326.01	sqm		
23	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	130.20	cum		
24	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	91.49	cum		
25	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below	44.00	each		

26	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	608.14	sqm		
27	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	150.73	sqm		
28	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Engineer-in-charge: Up to 150 mm diameter	80.00	Meter		
29	Dismantling of cement concrete platform along with curtain walls and base concrete etc. including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead : 210 x 120 cm (outside to outside)	2.00	each		
30	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.	939.87	sqm		
31	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.	222.47	cum		
32	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ 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 5.50 mm thickness	17.21	sqm		

33	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	303.86	Sqm		
34	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	56.00	each		
35	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc. complete.	32.00	each		
36	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc.,				
36.01	20 mm nominal outer dia .Pipes	220.00	metre		
36.02	25 mm nominal outer dia .Pipes.	110.00	metre		
37	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.				
37.01	15 mm nominal outer dia .Pipes.	80.00	metre		
37.02	20 mm nominal outer dia .Pipes.	80.00	metre		
37.03	25 mm nominal outer dia .Pipes.	30.00	metre		
37.04	32 mm nominal outer dia .Pipes.	30.00	metre		

38	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.	28.00	each		
39	Cutting holes upto 30x30 cm in walls including making good the same : With common burnt clay F.P.S. (non modular) bricks.	25.00	each		
40	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design: 250 mm diameter S.W. pipe	30.00	meter		
41	Providing and fixing square-mouth S.W. gully trap class SP1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : 150 x 100 mm size P type. With sewer bricks conforming to IS : 4885	20.00	each		
42	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps: 150 mm diameter	15.00	meter		
	TOTAL OF DSR ITEMS CIVIL				
	Below Items from CPWD handbook on retrofitting				
43	Propping and supporting the structural members Steel Prop of up to 5MT Capacity and up to 3.2 m height	41.00	Each		
44	Extra for every additional height of 0.3 M or part there of	41.00	Each		
45	Dismantling existing RCC work but excluding cutting of reinforcement bars Manually using chisel and hammer	0.78	cum		
46	Removing Concrete all around reinforcement including from behind the bars By manual methods Bars up to and including 12 mm diameter	30.10	meter		
47	Cleaning exposed concrete surface of lightly sticking materials With wire brush, chisel etc for all height	12.57	Sqm		
48	Wet curing of shotcreted or plastered surface or RCC work as per specifications by keeping it continuously wet for a minimum period of seven days (with regular sprinkling of water by keeping the surface continuously wet.	169.51	Sqm per layer		
	TOTAL OF HANDBOOK ITEMS				
	ELECTRICAL WORK				

	Sub Head:-A (Internal Wiring)				
49	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc. as required. Group C	68.00	Point		
50	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required				
50.01	3 x 1.5 sq.mm	500.00	Meter		
50.02	6 x 1.5 sq.mm	250.00	Meter		
50.03	9 x 1.5 sq.mm	185.00	Meter		
51	Supplying and fixing of following sizes of medium classPVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
51.01	20mm	500.00	Metre		
51.02	25 mm	250.00	Metre		
51.03	32 mm	185.00	Meter		
52	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 6 pin 15/16 amp socket outlet	20.00	each		
53	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	20.00	Each		
54	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 & 5/6 amps modular socket outlet and 15/16 amps modular switch, connection, painting etc. as required.	20.00	Each		
55	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	20.00	Each		
56	Installation of exhaust fan upto 450 mm sweep in the existing opening, including making the hole to suit the size of the above fan, making good the damage, connection, testing, commissioning etc. as required.(Up to 450mm sweep)	20.00	Each		

57	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	20.00	Each		
58	Supplying and fixing 5 amps ot 32 amps rating, 240 volts, 'B' series, miniature circuit breaker suitable for lighting and other load of following poles in the exisiting MCB DB complete with connections, testing and commissioning etc. as required. Single pole	12.00	Each		
TOTAL OF ELECTRICAL WORK					
NON DSR ITEMS					
59	Cleaning reinforcement of total rust by tapping and using mechanical wire brush or any other suitable way including from behind and around the reinforcement bars to give it a totally rust free finished steel surface (Mode of measurement - concrete surface area with exposed reinforcement)	12.57	Sqm		
60	Providing and supplying the one competent, Polymer modified cementitious anti- corrosive primer (having the technical parameters mentioned in material specifications) formulated to provide dual protection of a polymeric barrier and an integral corrosion-inhibiting system, to the existing steel and additional steel provided before patching of damaged areas, using suitable tools and equipment inclusive of Material, Manpower and Equipment. BASF Master Emaco P130/ Fosroc Nitoprime Zincrich /Sika Rustoff 100 or other equivalent (mode of measurement - concrete surface area with exposed reinforcement)	12.57	Sqm		
61	Providing and application of bond coat on the concrete surface by mixing high dispersion SBR latex like MasterEmco SBR2 of BASF with white cement in the ratio of 2:3. The mixing should be done to a lump free consistency for the bond coat and the screed/ mortar should be applied once the bond coat is tacky. Master Emco SBR 2 of BASF or Nitobond SBR (Latex) of Fosroc or equivalent.	12.57	Sqm		

62	Providing and repairing the damaged concrete portion with single component, fibre reinforced, dual shrinkage- compensated thixotropic, cementitious patch repair mortar (having the technical parameters mentioned in material specifications) capable of applying 25mm thick in single layer initially by hand and finishing with trowed carefully compacting the same around the rebars and finishing to bring it in line with existing concrete surface with an average specified thickness inclusive of manpower , material and Equivalent Master Emaco 5348 of BASF Renderoc HB-60 of Fosroc/Sikadur 41 of Sika or equivalent. (a) 25mm thickness	12.57	Sqm		
63	Providing and fixing shear connections of 10 mm dia HYSD steel with two components, styrene & cement free epoxy- acrylate fixing and anchoring compound (having the technical parameters mentioned in material specifications) using standard sealant applicator gun after drilling holes of 12mm diameter to a minimum depth of 100 mm at required locations, inclusive of all material, manpower and equipment Masterflow 935 of BASF/ Lokfix P25 of Fosroc or equivalent	75.42	No.		
64	Providing and applying single component, reactive, hydrofobic, silane based coating to all the exposed concrete surface. The coating shall have penetrative action blocking pore capillaries but allowing water vapour to come out from the substrate, complete as per direction of Engineer-in -charge. Make- MasterSeal 380 by M/s BAS/ Nitocote SN 502/ SN 511 of Fosroc/ Sikagard 506 of Sika or equivalent.	12.57	Sqm		
65	W.C Cubicles GENERAL : Restroom Cubicle System, highly resistant against water, chemical and impact. MATERIALS All accessories shall be made of powder-coated aluminium grade 6063-T5. The doors, pilasters and intermediate partitions shall be 12 mm thick High Pressure Laminates (HPL) compact board (or phenolic board) with chamfered edges. HPL compact boards are manufactured from sheets of special kraft and decor papers, impregnated with thermosetting synthetic resins which are fused together under heat and high pressure. HPL compact boards are laminated on both sides with suede finish. PILASTERS All pilasters shall be of same colour as doors, 12 mm thick HPL compact board with chamfered edge, completed with Nylon thumbturn for locking doors. Colours different from doors are available upon request. The pilaster is affixed to the Top Rail and secured from the top of the Top Rail. The floor clearance is 150 mm. TOP RAIL Heavy-duty Aluminium H-section Top Rail				

	<p>Channel, 70 mm x 125 mm x 5 mm (cross-section dimension, W x H x T), shall be anchored to the wall with Mild Steel Wall Bracket. Pilaster shall be section-fixed onto the bottom slot of the Top Rail for maximum strength, stability and alignment of the system. INTERMEDIATE PARTITIONS</p> <p>All intermediate partitions shall be of same colour as door, 12 mm thick HPL compact board with Aluminium U channel, affixed at its ends (to the wall and pilaster). For ultimate stability of the system, length shall not exceed 1800 mm. ACCESSORIES</p> <p>Each restroom cubicle will be equipped with the following accessories (nylon colours available in black, grey or white) of a reputed brand</p> <ul style="list-style-type: none"> • Nylon Door Knob • Nylon Thumbturn with Occupancy Indicator • Nylon Coat Hook • Nylon Hinges with 3 choices of standard, gravity-to-open or gravity-to-close <p>FINISHES</p> <p>HPL compact boards are available in a variety of brilliant colours and woodgrains. HPL in suede finish only.</p> <p>INSTALLATION</p> <p>Installation will be executed under the supervision of specialized company experienced in toilet cubicles.</p>				
65.01	<p>GUARANTEE</p> <p>ALL THE FITTINGS , PARTITIONS ETC. SHALL CARRY A GUARANTEE OF MINIMUM 2 YEARS.</p>	34.00	each		
66	Desilting of gully grating chamber including taking out garvage/malba and stacking with in a lead of 50 meter as per direction of engineer-in-Charge	3.00	each		
67	Cleaning of manholes complete including pumping out water and taking all safety measures for gases and taking out sludge and stacking with in a lead of 50 meter and taking necessary safety measures as per direction of Engineer-in-Charge	3.00	each		
68	Cleaning of existing chowked sewer line including removing malba/sludge from the line including testing the line after cleaning and disposal of the collected malba as per direction of Engineer-in-charge	20.00	metre		
69	Cleaning of existing storm water drain including removing malba/sludge upto a lead of 50 meter lead as per direction of Engineer-in-charge	20.00	metre		
70	Providing and fixing CPVC gate valve of approved quality				
70.01	25 mm nominal bore	8.00	each		
70.02	32 mm nominal bore	2.00	each		
70.03	40 mm nominal bore	2.00	each		
71	Providing and fixing CPVC non- return valve of approved quality 40 mm nominal bore				

71.01	Horizontal	8.00	each		
71.02	Vertical	8.00	each		
72	Providing and fixing uplasticised PVC connection pipe with brass unions :				
72.01	45 cm length				
72.02	20 mm nominal bore	8.00	each		
72.03	25mm nominal bore	4.00	each		
72.04	32 mm nominal bore	4.00	each		
73	Providing & Fixing Towel Rack 600 mm long without lower hangers but with three hooks as per direction of Engineer-in-Charge Code : ACN-1181FHN Jaquar	28.00	Nos.		
74	Providing & Fixing Soap Dispenser with glass bottel as per direction of Engineer-in-Charge Code: AKP-35735P Jaquar	28.00	Nos.		
75	Providing & Fixing Towel Ring Round as per direction of Engineer-in-Charge Code: AQN-7721 Jaquar	28.00	Nos.		
76	Providing and fixing CP grating of approved quality as per direction of Engineer-in-Charge.Circular type.100 mm nominal dia.	86.00	Nos.		
77	Providing and fixing 6001 Classic Overhead Shower with Arm	28.00	Nos.		
78	Supply onlyhandling, fixing with provision also of all accessories required for installation and testing	28.00	Nos.		
79	Providing, fixing, jointing and testing in position of ISI marked UV stabilized UPVC pipes for soil, waste and vent & rain water, Type-B as per IS13592 : suitable for rubber ring joints, including all neccessary specials and fittings (confirming to IS:) i.e. bends, tees, junctions (with or without doors), reducers, couplers, cowls, clamps, rubber rings, clean outs etc. fixing at wall/ ceiling/ floor level supported by clamp & hangers etc. in concealed / inside duct / under floor & basement ceiling / external work etc. including chase cutting,cutting of RCC slab as required, excavation and back filling in all kind of soils, suspended from floor under false ceiling including cost of shuttering for proper completion of the work, breaking and making good the walls and floors etc. after pipes have been duly laid and tested.				
79.01	The Pipes will be supported with threaded G I rods & clamps on 50x50x5 mm slotted angle. The cost will include all support arrangements. The work includes commissioning of all pipes lines as per drawings and specifications and as directed by engg-in-charge at site.- Supreme/Prince make 110 mm outer dia.	190.00	Rm		
80	Providing & fixing Long body Bib Cock with wall flange (Make :- jaguar Con-107 KN)	90.00	each		

81	Providing & fixing Angular Stop Cock with nuts, washer with C.P. brass flange complete, including cutting and making good the walls, wherever required. Regular body with adjustable wall flange (Make :- jaguar Con-059 KN)	66.00	each		
82	Providing & fixing Concealed Stop Cock with nuts, washer with C.P. brass flange complete, including cutting and making good the walls, wherever required. Regular body with adjustable wall flange (Make :- jaguar Con-089 KN)	56.00	each		
83	Providing & fixing Oval counter top Basin with provision also of all accessories required for installation and testing (Brand- Hindware Catalogue no 10017 Oval counter top Basin Star white)	32.00	each		
84	Providing & fixing Pillar Cock Long neck With Aerator Hindware	32.00	each		
85	Providing & fixing Urinal with provision also of all accessories required for installation and testing (Make :- Hindware catalogue no. 60002 FB- Large standard urinal star white)	24.00	each		
86	Providing & fixing 10 Lit. Auto flush Urinal cistern with provision also of all accessories required for installation and testing	24.00	each		
87	Providing & fixing Wall-hung European type water closet with provision also of all accessories required for installation and testing (Brand- Hindware Catalogue no 20061 Star white wall mounted closet)	34.00	each		
88	Providing & fixing Concealed Cistern with Chrome Plate Brand Viega	34.00	each		
89	Supply only handling, fixing ,testing and all accessories required for installation.	34.00	each		
90	Providing and fixing 5.5 mm thk. Mirror mounted on S.S Stud	18.00	sqm		
91	Supply of recess/pendent mounting Ultrasslim LED flat panel (2'X2') with high efficient LEDs & glare free opal diffuser in all respect at site. Make:- Halonix/Philips/Bajaj/Pierlit. Halonix :- HLFPU22-02-36-CW	32	Each		
92	Supply of Surface/Pendent Mounting Industrial T5 Luminaire fitting with power coated CRCA Steel housing with reflector cover T5 Channel luminaire(T5 1 x 28 W) complete with electronic choke without lamp in all respect at site. Bajaj :- BTIR 128 or equivalent of Phillips/Crompton.	32	Each		
93	Supply of BULKHEAD Luminaire with toughened frosted glass suitable for 1 no 9 watt CFL lamp complete as required. (Philips make) cat no FXC 101	4	Each		
94	Supply of lamps for as above fitting complete in all respect at the site..(Make:-Philips/Bajaj/Wipro)				
94.01	16 watts LED	4	Each		
94.02	20 watt LED	32	Each		

			G. Total		
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Note:

1. The rates shall be quoted in Indian Rupee only.
2. The rates will be inclusive of all taxes (except GST which shall be added at the end), fees, levies, etc. and any revision in the statutory taxes, fees, etc will be there responsibility of the Bidder.
3. The payment will be made to the Contractor at any Bank Account maintained in India by way of ECS/RTGS after deducting the TDS, Labour cess as applicable.
4. The quoted rates shall remain firm throughout the tenure of the contract and no revision is permissible for any reason.

Annexure VIII

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrollment**” on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 5) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 6) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 7) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by

unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) Upon the successful and timely submission of bids (ie after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 9) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

Validate

Print

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Help

Tender Inviting Authority: Principal, Hindu College, University of Delhi

Name of Work: Repair of Boy's Hostel including repair of toilets, Hindu College, Delhi University, Delhi

Contract No: HC-1/9601

Name of the Bidder/ Bidding Firm / Company :

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorpyrifos/ Lindane emulsifiable concentrate of 20%.Diluting and injecting chemical emulsion for POSTCONSTRUC	14.19	Litre		0.00	INR Zero Only

	TIONAL anti-termite treatment (excluding the cost of chemical emulsion)					
2	With Chlorpyriphos/Lindane E.C. 20% with 1% concentration	141.89	sq m		0.00	INR Zero Only
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)	27.40	cu m		0.00	INR Zero Only
4	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20mm nominal size).	0.79	sq m		0.00	INR Zero Only
5	Centering and shuttering including strutting, propping etc. and removal of form for : Shelves (Cast in situ)	13.69	sq m		0.00	INR Zero Only

6	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto floor V level Thermo-Mechanically Treated bars.	179.00	kilo gram		0.00	INR Zero Only
7	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-	1.79	cu m		0.00	INR Zero Only

	charge.“(Note :- Cement content considered in this item is @ 330 kg/cum.“Excess/less cement used as per design mix is payable/recoverable separately). All works above plinth level upto floor V level					
8	Half brick masonry with F.P.S. bricks of class designation 75 in superstructure above plinth level up to floor V level.Cement mortar 1:4 (1 cement :4 coarse sand)	115.9 2	sq m		0.00	INR Zero Only
9	Extra for providing and placing in position 2 Nos. 6mm dia. M.S. bars at every third course of half brick masonry (with F.P.S. bricks).	115.9 2	sq m		0.00	INR Zero Only

10	<p>Providing and fixing 18mm thick gang saw cut mirror polished premoulded and prepolished) machine cut for flooring, staircase treads , riers and landings, kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edge to give high gloss finish etc. complete at all levels.</p> <p>Granite of any colour and shade Area of slab upto 0.50 sqm</p>	13.69	sq m		0.00	INR Zero Only
11	<p>Extra for providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete</p>	22.82	met re		0.00	INR Zero Only

	as per design approved by Engineer-in-Charge. Granite of any colour and shade					
12	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	13.69	sq m		0.00	INR Zero Only
13	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. Twin rubber stopper	16.20	sq m		0.00	INR Zero Only
14	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy, bottle green, black of any	559.34	sq m		0.00	INR Zero Only

	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.					
15	Providing and laying rectified ceramic glazed tiles 300 x300 mm or more (thickness to be specified by the manufacture) of 1st quality conforming to IS :15622 of approved make and all colour and shades except white, Ivory, Grey, Fume, Red brown laid on 20mm thick cement mortar 1:4 (1cement : 4coarse sand) including pointing the joint with white cement and matching pigments etc. complete	303.86	sq m		0.00	INR Zero Only

16	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	10.00	each		0.00	INR Zero Only
17	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter	60.00	rmt		0.00	INR Zero Only
18	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water					

	pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.					
18.01	Coupler 110 mm	8.00	each		0.00	INR Zero Only
18.02	Single tee without door 110x110x110 mm	8.00	each		0.00	INR Zero Only
18.03	Shoe (Plain) 110 mm Shoe	8.00	each		0.00	INR Zero Only
19	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water tinnable priming coat with cement primer	188.80	sq m		0.00	INR Zero Only
20	Finishing walls with water proofing cement paint of required shade :New work (Two or more coats applied @ 3.84 kg/10 sqm)	169.51	sq m		0.00	INR Zero Only

21	Providing and applying 12 mm thick (average) premixed formulated one coat gypsum lightweight plaster having additives and light weight aggregates as vermiculite/ perlite respectively conforming to IS: 2547 (Part - 1 & II) 1976, applied on hacked / uneven background such as bare brick/ block/ RCC work on walls & ceiling at all floors and locations, finished in smooth line and level etc. complete.	169.5 1	sq m		0.00	INR Zero Only
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22	<p>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 theworkmen etc. complete as per directions and approval of Engineerin- charge .The elevational</p>	326.0 1	sq m		0.00	INR Zero Only
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	<p>area of the scaffolding shall be measured for payment purpose .The payment will be made once irrespective of duration of scaffolding.</p> <p>Note: - This item to be used for maintenance work judiciously, necessary deduction for scaffolding in the existing item to be done.</p>					
23	<p>Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.</p> <p>Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)</p>	130.20	cu m		0.00	INR Zero Only

24	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	91.49	cu m		0.00	INR Zero Only
25	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below	44.00	each		0.00	INR Zero Only
26	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	608.14	sq m		0.00	INR Zero Only
27	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	150.73	sq m		0.00	INR Zero Only

28	Dismantling C.I. pipes including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means breaking lead caulked joints, melting of lead and making into blocks including stacking of pipes & lead at site within 50 metre lead as per direction of Engineer-in-charge: Up to 150 mm diameter	80.00	Met er		0.00	INR Zero Only
29	Dismantling of cement concrete platform along with curtain walls and base concrete etc. including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead :210 x 120 cm (outside to outside)	2.00	each		0.00	INR Zero Only
30	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.	939.8 7	sq m		0.00	INR Zero Only

31	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.	222.47	cu m		0.00	INR Zero Only
32	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ 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 5.50 mm thickness	17.21	sq m		0.00	INR Zero Only

33	<p>Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.</p>	303.86	Sq m		0.00	INR Zero Only
34	<p>Providing and fixing P.V.C. waste pipe for sink or wash basin</p>	56.00	each		0.00	INR Zero Only

	including P.V.C. waste fittings complete. Flexible pipe 32 mm dia					
35	Providing and fixing 600x120x5mm glass shelf with edges round of supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc. complete.	32.00	each		0.00	INR Zero Only
36	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including					

	cutting chases and making good the walls etc.,					
37	20 mm nominal outer dia .Pipes	220.00	met re		0.00	INR Zero Only
38	25 mm nominal outer dia .Pipes.	110.00	met re		0.00	INR Zero Only
39	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.					
39.01	15 mm nominal outer dia .Pipes.	80.00	met re		0.00	INR Zero Only
39.02	20 mm nominal outer dia .Pipes.	80.00	met re		0.00	INR Zero Only
39.03	25 mm nominal outer dia .Pipes.	30.00	met re		0.00	INR Zero Only

39.04	32 mm nominal outer dia .Pipes.	30.00	met re		0.00	INR Zero Only
40	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.	28.00	eac h		0.00	INR Zero Only
41	Cutting holes upto 30x30 cm in walls including making good the same : With common burnt clay F.P.S. (non modular) bricks.	25.00	eac h		0.00	INR Zero Only
42	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipesincluding bed concrete as per standard design: 250 mm diameter S.W. pipe	30.00	met er		0.00	INR Zero Only
43	Providing and fixing square-mouth S.W. gully trap class SP1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight	20.00	eac h		0.00	INR Zero Only

	of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : 150 x 100 mm size P type. With sewer bricks conforming to IS : 4885					
44	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps: 150 mm diameter	15.00	met er		0.00	INR Zero Only
45	Propping and supporting the structural members Steel Prop of up to 5MT Capacity and up to 3.2 m height	41.00	Eac h		0.00	INR Zero Only
46	Extra for every additional height of 0.3 M or part there of	41.00	Eac h		0.00	INR Zero Only
47	Dismantling existing RCC work but excluding cutting of reinforcement bars Manually using chisel and hammer	0.78	cu m		0.00	INR Zero Only
48	Renoving Concrete all around reinforcement including from behind the bars	30.10	met er		0.00	INR Zero Only

	By manual methods Bars up to and including 12 mm diameter					
49	Cleaning exposed concrete surface of lightly sticking materials With wire brush, chisel etc for all height	12.57	Sq m		0.00	INR Zero Only
50	Wet curing of shotcreted or plastered surface or RCC work as per specifications by keeping it continuously wet for a minimum period of seven days (with regular sprinkling of water by keeping the surface continuously wet.	169.51	Sq m per layer		0.00	INR Zero Only
51	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc. as required.	68.00	Point		0.00	INR Zero Only

	Group C					
52	Supplying and drawing following sizes of FR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required					
52.01	3 x 1.5 sq.mm	500.00	Met er		0.00	INR Zero Only
52.02	6 x 1.5 sq.mm	250.00	Met er		0.00	INR Zero Only
52.03	9 x 1.5 sq.mm	185.00	Met er		0.00	INR Zero Only
53	Supplying and fixing of following sizes of medium classPVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.					
53.01	20mm	500.0	Met re		0.00	INR Zero Only

		0				
53.02	25 mm	250.00	Metre		0.00	INR Zero Only
53.03	32 mm	185.00	Metre		0.00	INR Zero Only
54	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. 6 pin 15/16 amp socket outlet	20.00	each		0.00	INR Zero Only
55	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	20.00	Each		0.00	INR Zero Only
56	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 & 5/6 amps modular socket outlet and 15/16 amps modular switch, connection, painting etc. as required.	20.00	Each		0.00	INR Zero Only

57	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).	20.00	Eac h		0.00	INR Zero Only
58	Installation of exhaust fan upto 450 mm sweep in the existing opening, including making the hole to suit the size of the above fan, making good the damage, connection, testing, commissioning etc. as required.(Up to 450mm sweep)	20.00	Eac h		0.00	INR Zero Only
59	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	20.00	Eac h		0.00	INR Zero Only
60	Supplying and fixing 5 amps ot 32 amps rating, 240 volts, 'B' series, miniature circuit breaker suitable for lighting and other load of following	12.00	Eac h		0.00	INR Zero Only

	poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole					
61	Cleaning reinforcement of total rust by tapping and using mechanical wire brush or any other suitable way including from behind and around the reinforcement bars to give it a totally rust free finished steel surface (Mode of measurement - concrete surface area with exposed reinforcement)	12.57	Sq m		0.00	INR Zero Only
62	Providing and supplying the one competent, Polymer modified cementitious anti-corrosive primer (having the technical parameters mentioned in material specifications) formulated to provide dual protection of a polymeric barrier and an integral corrosion-inhibiting system, to the existing steel and	12.57	Sq m		0.00	INR Zero Only

	additional steel provided before patching of damaged areas, using suitable tools and equipment inclusive of Material, Manpower and Equipment. BASF Master Emaco P130/ Fosroc Nitoprime Zincrich /Sika Rustoff 100 or other equivalent (mode of measurement - concrete surface area with exposed reinforcement)					
63	Providing and application of bond coat on the concrete surface by mixing high dispersion SBR latex like MasterEmco SBR2 of BASF with white cement in the ratio of 2:3. The mixing should be done to a lump free consistency for the bond coat and the screed/ mortar should be applied once the bond coat is tacky. Master Emco SBR 2 of BASF or Nitobond SBR (Latex) of Fosroc or equivalent.	12.57	Sq m		0.00	INR Zero Only

64	<p>Providing and repairing the damaged concrete portion with single compnent, fibre reinforced, dual shrinkage-compensated thixotropic, cementious ptch repair mortar (having the technical parameters mentioned in material specifications) capable of applying 25mm thick in single layer initially by hand and finishing with trowed carefully compacting the same around the rebars and finishing to bring it in line with existing concrete surface withh an average specified thickness inclusive of manpower , material and Equivalent Master Emaco 5348 of BASF Renderoc HB-60 of Fosroc/Sikadur 41 of Sika or equivalent. (a) 25mm thickness</p>	12.57	Sq m		0.00	INR Zero Only
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65	Providing and fixing shear connections of 10 mm dia HYSD steel with two components, styrene & cement free epoxy-acrylate fixing and anchoring compound (having the technical parameters mentioned in material specifications) using standard sealant applicator gun after drilling holes of 12mm diameter to a minimum depth of 100 mm at required locations, inclusive of all material, manpower and equipment Masterflow 935 of BASF/ Lokfix P25 of Fosroc or equivalent	75.42	No.		0.00	INR Zero Only
66	Providing and applying single component, reactive, hydrofobic, silane based coating to all the exposed concrete surface. The coating shall have penetrative action blocking pore capillaries but allowing water vapour to come	12.57	Sq m		0.00	INR Zero Only

	our from the substrate, complete as per direction of Engineer- in - charge. Make- MasterSeal 380 by M/s BAS/ Nitocote SN 502/ SN 511 of Fosroc/ Sikagard 506 of Sika or equivalent.					
67	W.C Cubicles GENERAL :Restroom Cubicle System,highly resistant against water, chemical and impact. MATERIALSAll accessories shall be made of powder-coated aluminium grade 6063-T5. The doors, pilasters and intermediate partitions shall be 12 mm thick High Pressure Laminates (HPL) compact board (or phenolic board) with chamfered edges.HPL compact boards are manufactured from sheets of special kraft and decor papers, impregnated with thermosetting synthetic resins which are fused together under heat and high					

	<p>pressure. HPL compact boards are laminated on both sides with suede finish.</p> <p>PILASTERSAll pilasters shall be of same colour as doors, 12 mm thick HPL compact board with chamfered edge, completed with Nylon thumbturn for locking doors. Colours different from doors are available upon request. The pilaster is affixed to the Top Rail and secured from the top of the Top Rail. The floor clearance is 150 mm.</p> <p>TOP RAILHeavy-duty Aluminium H-section Top Rail Channel, 70 mm x 125 mm x 5 mm (cross-section dimension, W x H x T), shall be anchored to the wall with Mild Steel Wall Bracket. Pilaster shall be section-fixed onto the bottom slot of the Top Rail for maximum strength, stability and alignment of the system.</p> <p>INTERMEDIATE PARTITIONSAll</p>					
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	<p>intermediate partitions shall be of same colour as door, 12 mm thick HPL compact board with Aluminium U channel, affixed at its ends (to the wall and pilaster). For ultimate stability of the system, length shall not exceed 1800 mm.</p> <p>ACCESSORIES</p> <p>Each restroom cubicle will be equipped with the following accessories (nylon colours available in black, grey or white) of a reputed brand• Nylon Door Knob• Nylon Thumbturn with Occupancy Indicator• Nylon Coat Hook • Nylon Hinges with 3 choices of standard, gravity-to-open or gravity-to-close</p> <p>FINISHES</p> <p>HPL compact boards are available in a variety of brilliant colours and woodgrains. HPL in suede finish only.</p> <p>INSTALLATION</p> <p>Installation will be executed under the supervision of</p>					
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	specialized company experienced in toilet cubicles.					
68	GUARANTEE ALL THE FITTINGS, PARTITIONS ETC. SHALL CARRY A GUARANTEE OF MINIMUM 2 YEARS.	34.00	each		0.00	INR Zero Only
69	Desilting of gully grating chamber including taking out garvage/malba and stacking with in a lead of 50 meter as per direction of engineer-in-Charge	3.00	each		0.00	INR Zero Only

70	Cleaning of manholes complete including pumping out water and taking all safety measures for gases and taking out sludge and stacking with in a lead of 50 meter and taking necessary safety measures as per direction of Engineer-in-Charge	3.00	each		0.00	INR Zero Only
71	Cleaning of existing chowked sewer line including removing malba/sludge from the line including testing the line after cleaning and disposal of the collected malba as per direction of Engineer-in-charge	20.00	metre		0.00	INR Zero Only
72	Cleaning of existing storm water drain including removing malba/sludge upto a lead of 50 meter lead as per direction of Engineer-in-charge	20.00	metre		0.00	INR Zero Only
73	Providing and fixing CPVC gate valve of approved quality					
73.01	25 mm nominal bore	8.00	each		0.00	INR Zero Only
73.02	32 mm nominal bore	2.00	each		0.00	INR Zero Only
73.03	40 mm nominal	2.00	each		0.00	INR Zero Only

	bore		h			
74	Providing and fixing CPVC non-return valve of approved quality 40 mm nominal bore					
74.01	Horizontal	8.00	each		0.00	INR Zero Only
74.02	Vertical	8.00	each		0.00	INR Zero Only
75	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length					
75.01	20 mm nominal bore	8.00	each		0.00	INR Zero Only
75.02	25mm nominal bore	4.00	each		0.00	INR Zero Only
75.03	32 mm nominal bore	4.00	each		0.00	INR Zero Only
76	Providing & Fixing Towel Rack 600 mm long without lower hangers but with three hooks as per direction of Engineer-in-Charge Code : ACN-1181FHN Jaquar	28.00	Nos .		0.00	INR Zero Only
77	Providing & Fixing Soap Dispenser with glass bottle as per direction of Engineer-in-Charge Code: AKP-35735P Jaquar	28.00	Nos .		0.00	INR Zero Only
78	Providing & Fixing Towel Ring Round as per direction of Engineer-in-Charge Code:	28.00	Nos .		0.00	INR Zero Only

	AQN-7721 Jaquar					
79	Providing and fixing CP grating of approved quality as per direction of Engineer-in-Charge.Circular type.100 mm nominal dia.	86.00	Nos .		0.00	INR Zero Only
80	Providing and fixing 6001 Classic Overhead Shower with Arm	28.00	Nos .		0.00	INR Zero Only
81	Supply onlyhandling, fixing with provision also of all accessories required for installation and testing	28.00	Nos .		0.00	INR Zero Only
82	Providing, fixing, jointing and testing in position of ISI marked UV stabilized UPVC pipes for soil, waste and vent & rain water, Type-B as per IS13592 : suitable for rubber ring joints, including all neccessary specials and fittings (confirming to IS:) i.e. bends, tees, junctions (with or without doors), reducers, couplers, cowls, clamps, rubber rings, clean outs etc. fixing at wall/ ceiling/ floor level					

	supported by clamp & hangers etc. in concealed / inside duct / under floor & basement ceiling / external work etc. including chase cutting, cutting of RCC slab as required, excavation and back filling in all kind of soils, suspended from floor under false ceiling including cost of shuttering for proper completion of the work, breaking and making good the walls and floors etc. after pipes have been duly laid and tested.					
83	The Pipes will be supported with threaded G I rods & clamps on 50x50x5 mm slotted angle. The cost will include all support arrangements. The work includes commissioning of all pipes lines as per drawings and specifications and as directed by engg-in-charge at site.- Supreme/Prince make 110 mm outer dia.	190.00	Rm		0.00	INR Zero Only

84	Providing & fixing Long body Bib Cock with wall flange (Make :- jaguar Con-107 KN)	90.00	each		0.00	INR Zero Only
85	Providing & fixing Angular Stop Cock with nuts, washer with C.P. brass flange complete, including cutting and making good the walls, wherever required. Regular body with adjustable wall flange (Make :- jaguar Con-059 KN)	66.00	each		0.00	INR Zero Only
86	Providing & fixing Concealed Stop Cock with nuts, washer with C.P. brass flange complete, including cutting and making good the walls, wherever required. Regular body with adjustable wall flange (Make :- jaguar Con-089 KN)	56.00	each		0.00	INR Zero Only
87	Providing & fixing Oval counter top Basin with provision also of all accessories required for installation and testing (Brand- Hindware Catalogue no 10017 Oval counter top Basin	32.00	each		0.00	INR Zero Only

	Star white)					
88	Providing & fixing Pillar Cock Long neck With Aerator Hindware	32.00	each		0.00	INR Zero Only
89	Providing & fixing Urinal with provision also of all accessories required for installation and testing (Make :- Hindware catalogue no. 60002 FB- Large standard urinal star white)	24.00	each		0.00	INR Zero Only
90	Providing & fixing 10 Lit. Auto flush Urinal cistern with provision also of all accessories required for installation and testing	24.00	each		0.00	INR Zero Only
91	Providing & fixing Wall-hung European type water closet with provision also of all accessories required for installation and testing (Brand- Hindware Catalogue no 20061 Star white wall mounted closet)	34.00	each		0.00	INR Zero Only
92	Providing & fixing Concealed Cistern with Chrome Plate	34.00	each		0.00	INR Zero Only

	Brand Viega					
93	Supply only handling, fixing ,testing and all accessories required for installation.	34.00	each		0.00	INR Zero Only
94	Providing and fixing 5.5 mm thk. Mirror mounted on S.S Stud	18.00	sq m		0.00	INR Zero Only
95	Supply of recess/pendent mounting Ultrasslim LED flat panel (2'X2') with high efficient LEDs & glare free opal diffuser in all respect at site. Make:- Halonix/Philips/Bajaj/Pierlit. Halonix :- HLFPU22-02-36-CW	32	Each		0.00	INR Zero Only
96	Supply of Surface/Pendent Mounting Industrial T5 Lumiouries fitting with power coated CRCA Steel housing with reflector cover T5 Channel luminoure(T5 1 x 28 W) complete with electronic chocke without lamp in all respect at site. Bajaj :- BTIR 128 or equivalent of Phillips/Crompton.	32	Each		0.00	INR Zero Only

97	Supply of BULKHEAD Luminaire with toughened frosted glass suitable for 1 no 9 watt CFL lamp complete as required. (Philips make) cat no FXC 101	4	Each		0.00	INR Zero Only
98	Supply of lamps for as above fitting complete in all respect at the site..(Make- :Philips/Bajaj/Wipro)					
98.01	16 watts LED	4	Each		0.00	INR Zero Only
98.02	20 watt LED	32	Each		0.00	INR Zero Only
Total in Figures					0.00	INR Zero Only
Quoted Rate in Words	INR Zero Only					