

National Law University, Delhi

Sector-14, Dwarka, New Delhi – 110078

N.I.T. No.: 02/2025-26

Name of Work: Day to day misc. Repairing works at NLUD During 2025-26.

ESTIMATED COST PUT TO TENDER: 35,330,62/-

EARNEST MONEY: 70,661/-

TIME ALLOWED: 10 Months

This N.I.T. is approved for Rs. 35,330,62/- (Rupees Thirty-Five Lakh Thirty Three Thousand Sixty Two Only)

**The Registrar
National Law University, Delhi**

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NOTICE INVITING TENDERS

The Registrar, National Law University, Delhi invites item Rate Tender from CPWD enlisted contractors of appropriate class in Buildings & Roads category for the following work:

S.No.	N.I.T No.	Name of Work & Location	Estimated Cost put to Tender	Earnest Money	Period of Completion	Last date and time of submission of Tender	Last date and time of Opening of Tender
1	02	Day to day misc. Repairing works at NLUD During 2025-26.	Rs. 35,330,62/-	Rs. 70,661/-	10 Months	June 6, 2025 1:00 pm	June 6, 2025 3:00 pm

Interested bidders may download the tender from e-procurement www.delhigovtprocurement.com on free of cost.

Tender to be submitted online through e-procurement www.delhigovtprocurement.com and also Tender Documents required to submit in tender Box available at the main reception of the University.

The Registrar
National Law University, Delhi

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. This information and instructions for bidders posted on website shall form part of bid document.
3. The bid document consisting of Plans, Specifications, Schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.govtprocurement.delhi.gov.in free of cost or can be seen in the office of the Registrar, NLU Sector 14, Dwarka New Delhi-110078 between 11:00 AM to 4:00 PM from the date of publicity of the bid to the date of submission of the bid every day except on Saturday & Sunday and Public holidays.
4. But the bid can only be submitted after deposition of EMD as explained in the above para.
5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered/update their profile beforehand. The necessary training materials including the videos with step to step process are available on download section of www.govtprocurement.delhi.gov.in
6. The intending bidder must have valid class-III digital signature certificate with encryption key (combo type) to perform any operations/transactions on the e-tendering portal / website and the bidder should download and install the emsigner on their system as per instruction available on download section of www.govtprocurement.delhi.gov.in
7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
8. Contractor can upload documents in the form of PDF format or as applicable on the portal.
9. Bidder must ensure to quote rate in the prescribed column(s) meant for quoting rate. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (Zero). However, if a bidder quotes Nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub-head in percentage rate tender, the tender shall be treated as invalid and will not be considered

as the lowest tenderer/bidder.

- 10.** The Technical Bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.
- 11.** When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
- 12.** The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
- 13.** Earnest money deposit amounting to Rs. 70,661/- in the form of Demand Draft or Pay order or Banker's Cheque (drawn in favour of Registrar, National Law University, Delhi)
- 14.** List of Documents to be scanned and uploaded within the period of bid submission
(Note: All the scanned and uploaded documents also submit in tender Box available at the main reception of the University within last date and time of submission of Tender)

i	Copy of EMD in favour of Registrar, National Law University, Delhi.
ii.	Self attested copy of Enlistment Order of the Contractor in CPWD in appropriate Buildings & Roads category.
iii.	Self attested copy of GST Registration.
iv.	Self attested copy of PAN Card.
v.	Any other Document as specified in the NIT.

CPWD-6

Item Rate bids are invited on behalf of the Registrar, NLUD from CPWD enlisted contractors of appropriate class in Buildings & Roads category for the following work:

Similar work means “Day to day misc. Repairing works at NLUD During 2025-26.”.

1. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 8 with upto date amendments, which is available as a Govt. of India Publication and also available on website www.cpwd.gov.in. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
2. The time allowed for carrying out the work will be 10 Months from the date of start as defined in schedule ‘F’ or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
3. The site for the work is available.
4. Earnest money in the form of Demand Draft or Pay order or Banker’s Cheque (drawn in favour of “The Registrar, National Law University, Delhi”) must be deposited in the University in a separate envelope. Certified copies of enlistment order, certificate of work experience issued from the Executive Engineer or equivalent officer and other documents as specified in the tender shall be enclosed with the tender submission in a separate envelope.

Bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited EMD and other documents submitted, are found in order.

5. The bid submitted shall become invalid if:
 - i. The bidder is found ineligible.
 - ii. The bidder does not deposit original EMD
 - iii. The bidder does not enclose all the documents (including GST registration and copy of pan card) as stipulated in the bid documents.
 - iv. If any discrepancy is noticed in the submitted documents by the lowest bidder.
 - v. If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/ below on the total amount of the tender or any section/ sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
6. The contractor whose tender is accepted will be required to furnish performance guarantee of 5% (Five percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of Banker’s cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank.

In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule ‘F’, including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee.

The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board **including Provident Fund Code No. if applicable and also**

ensure the compliance of aforesaid provisions by the subcontractors, if any engaged by the contractors for the said work and Programme chart (time and progress) within the period specified in Schedule F.

7. **The Description of work is as follows: - Day to day misc. Repairing works at NLUD During 2025-26.** Intending tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders.
8. The Registrar NLUD 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 condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
9. The competent authority reserves 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.
10. No. Engineer of Gazette rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing.
11. The bid for the works shall remain open for acceptance for a period of **Fifteen Days (15)** from the date of opening of bids. If any tenderer 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 tender which are not acceptable to the department, then the NLUD 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 re-tendering process of the work.
12. This Notice inviting bid shall form a part of the contract document. The successful Tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 7 days from the stipulated date of start of the work, sign the contract consisting of:-
 - a. The notice inviting bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and rates quoted at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b. Standard **C.P.W.D Form 8** (or other Standard C.P.W.D. Form as applicable)

**The Registrar
National Law University, Delhi**

National Law University, Delhi

Sector-14 Dwarka, New Delhi – 110078

Item Rate Tender & Contract for Civil / Electrical Works (Form CPWD – 8)

Tender for the work of: - **Day to day misc. Repairing works at NLU During 2025-26.**

(i) Tenders to be submitted at the reception of the University.

To be opened on June 6, 2025 at 03:00 PM in the **National Law University, Delhi.**

(TENDER)

I/We have read and examined the notice inviting tender, schedule, F. 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 documents for the work.

I/We hereby tender for the execution of the work specified for the Registrar of NLU Delhi within the time specified in Schedule 'F', 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.

We agree to keep the tender open for **Thirty (30) days** from the due date of its opening and not to make any modifications in its terms and conditions.

A sum of 70,661/- **is here by forwarded in** the form of demand draft/Banker's Cheque of a Scheduled bank as earnest money. If I/we, fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said competent authority's 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 work as specified, I/we agree that competent authority's office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance guarantee shall be guarantee to execute all the works referred to in the tenderer documents upon the term and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provisions contained in clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case forfeiture of earnest money or performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another 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 in CPWD in future forever. Also, if such a violation comes to the notice of department before of date of start of work the Consultant Technical shall be free to forfeit the entire earnest money deposited/Performance Guarantee.

Dated.....

Signature of Contractor

Postal Address

.....
.....

Witness: #

Address: #

Occupation: #

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me
for and on behalf of the University for a sum of Rs.

.....(Rupees.....
.....)

The letters referred to below shall form part of this contract Agreement: -

1) *

ii)*

iii) For & on behalf of the University.

Signature.....

Designation: **Registrar**

National Law University, Delhi

Dated *.....

To be filled by the contractor

SCHEDULES FOR CIVIL WORKS

***SCHEDULE 'A'**

Schedule of quantities (Enclosed)

Pages : 33-41

***SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

S.No. Description of item Quantity Rates in figures & words at which the Place of
Material will be charged to the contractor Issue

1	2	3	4	5
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Nil

(Material required for the work shall be arranged by the Contractor)

**The Registrar
National Law University, Delhi**

***SCHEDULE 'C'**

Tools and plants to be hired to the contractor

Sl. No.	Description	Hire charges per day	Place of issue
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1	2	3	4
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Nil (*shall be arranged by the Contractor*)

***SCHEDULE 'D'**

Extra schedule for specific requirements/documents for the work, if any.

1. General Condition and Specifications.

***SCHEDULE 'E'**

1. Reference to General Conditions of Contract: General Conditions of Contract for Maintenance Works 2023 with amendments upto date of receipt of tender shall be read with NIT.

Name of work: Day to day misc. Repairing works at NLUD During 2025-26.

Estimated cost of work : **Rs.35,40,822/-**

(i) Earnest money : **Rs.70,661/- (To be returned after receiving PG)**

(ii) Performance guarantee (PG) **5% of tendered Value.**

(iii) Security Deposit : **2.5% of tendered Value**

***SCHEDULE 'F'**

General Rules & Directions:

Officer inviting tender

**The Registrar,
National Law University, Delhi**

Definitions:

2(v) Engineer-in-Charge Consultant Technical/Assistant Engineer

2(viii) Accepting Authority Vice-Chancellor / Registrar,

2(xi) Standard schedule of Rates: DSR 2021 for Civil works with upto date correction slips and/or Market rates
DSR 2022 for Electrical works with upto date correction slips and/or Market rates

2(xii) Department National Law University, Delhi

Clause1

- i) Time allowed for submission of Performance Guarantee, Programme 7 Days
chart (Time and progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW welfare board or proof of applying thereof, including Provident Fund code number if applicable from the date of issue of letter of acceptance, in days
- ii) Maximum allowable extension with late fee@ 0.1% per day of 3 Days
performance guarantee amount beyond the period provided in (i) above.

Clause 2

Authority for fixing The Registrar,
compensation under clause 2 National Law University, Delhi,

Whether Clause 2A shall be applicable No

Clause 5

Number of days from the date of issue 7th day or actual date of PG
of letter of acceptance for reckoning date deposit with late fee of start.

Table of Milestones : --As per Table given below

S.No.	Description of Milestone (Financial)	Time Allowed in days (from date of start)	Amount to be withheld in case of non-achievement of Milestone
1	NIL	NIL	NIL

Time allowed for execution of work 11 Months

Authority to give fair and reasonable extension of time for completion of work.

1. Without levy of compensation Consultant Technical
2. With levy of compensation The Registrar

Clause 6, 6A

Clause applicable

Clause 6 A

Clause 7

10.00 Lakh

Clause 7A

Whether clause 7A shall be applicable

Yes

Clause 10 A

List of testing equipment to be provided by the contractor at site lab. ` As per list enclosed.

Clause 10 B(ii)

Whether Clause 10 B(ii) shall be applicable:

No

Clause 10 C

Component of labour expressed as percentage of total value of work

NA

Clause 10CC-

NA

Schedule of component of other Materials, Labour, POL etc. for price escalation **NA**

Specifications to be followed for execution of work

CPWD specification 2019, Volume-I & Volume-II with correction slips issued upto date of receipt of tender

CPWD General Specifications for Electrical Works, Part I Internal – 2023, HVAC – 2017, Indian Electricity Rules 1956 and Indian Electricity Act 2003 with correction slips issued up to the last date of submission of bid

Clause 12**Type of work: - Maintenance work**

12.2 & 12.3	Deviation limit beyond which clause 12.2. & 12.3 shall apply for building work	As per GCC 2023 for Maintenance Works as modified & corrected up to last date of submission of the bid.
12.5	(i) Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work (except earth work). (ii) Deviation limit for items in earth work subhead of DSR or related items.	

*These limits can be extended with mutual consent of both parties.

Clause 16

Competent Authority for deciding reduced rates.

The Registrar, NLUD; upto 5% of the contract value.

Clause 18

All tools and plants required and/or as decided by Engineer-in-charge for timely execution of works as per specification(s)

Clause 25

Constitution of Dispute Redressal Committee (DRC)	Competent Authority to appoint DRC
DRC shall constitute one Chairman and two members	Vice-Chancellor

CLAUSE 31:- Water to be arranged by contractor

(Water supply to be arranged by contractor and if water is supplied by department, then 1% water charges shall be deducted from gross amount of bill)

CLAUSE 32 Requirement of Technical Representative(s) and Recovery Rate

Minimum Qualification of technical representative	Discipline	Designation (Principal technical/technical representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision in clause 36(i)	
					Figures	Words
Graduate Engineer or Diploma engineer	Civil	Project Manager cum planning / Quality/ Site / Billing Engineer	2 or 5 respectively	1	Rs. 15,000 per month	Fifteen thousand only

Clause-38		
(i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates printed by CPWD		D.S.R. 2021 with up-to-date correction slips up to last date of submission of bid.
(ii) Variations permissible on theoretical quantities		
(a) Cement		
For works with estimated cost put to tender not more than Rs. 25 lakhs		3% plus/minus
For works with estimated cost put to tender more than Rs. 25 lakhs		2% plus/minus
(b) Bitumen all works		2.5% plus only & nil on minus side
(c) Steel reinforcement and structural steel sections for each diameter, section and category.		2% plus/minus
(d) All other materials		NIL

GENERAL CONDITIONS AND SPECIFICATIONS

1. In case there is any discrepancy between English Version and corresponding Hindi version, if provided, then the provisions in English Version will prevail.
2. Wherever any reference to any Indian Standard Specifications/ International standard occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued there-to or revisions thereof, if any, up to the date of receipt of tenders.
3. Samples for particular items of work shall be prepared, where so specifically desired by Engineer-in-charge, for prior approval of the Consultant (Technical)/Assistant Engineer, before taking up the same on mass scale and nothing shall be payable on this account.
4. Wherever desired by Consultant (Technical)/Assistant Engineer, the contractor shall also construct a sample unit complete in all respect within time specified by the Engineer-in-charge & this sample unit shall be got approved from the Consultant (Technical)/Assistant Engineer before mass construction is taken up. No extra claim, whatsoever beyond the payment due at agreement rates, will be entertained to the contractor on this account.
5. The contractor shall take instructions from the Consultant (Technical)/Assistant Engineer for stacking of materials at site. No excavated earth or building materials shall be stacked on areas where the buildings, roads, services or compound walls or any other structure are to be constructed.
6. If as per municipal rules, or due to any other restrictions, the huts for labourers are not to be erected at the site of work by the contractors, then the contractors shall provide such accommodation at such locations as are acceptable to local bodies, or contractor shall make his own alternative arrangement for stay of labourers outside the site of work, for which nothing extra shall be payable.
7. If ISI marked products are available, the contractor shall use only ISI marked products with the approval of Consultant (Technical)/Assistant Engineer. In other cases, the materials shall conform to CPWD specifications. In case a materials/product is neither covered by ISI nor by CPWD specification, the work shall be carried out as per sound engineering practice, in such case, the decisions of the Consultant (Technical)/Assistant Engineer shall be final & binding. In such cases Consultant (Technical)/Assistant Engineer shall satisfy himself about the quality of such materials and give his approval in writing. Only articles classified as first quality by the manufacturers shall be used, unless otherwise specified. All materials not bearing ISI mark shall be tested as per relevant ISI specifications. The Consultant (Technical)/Assistant Engineer may relax the condition regarding testing if the quantity of the materials required for the work is small. In all cases of use of ISI marked materials, proper proof of procurement of materials from authentic manufacturers shall be provided by the contractor to the entire satisfaction of Consultant (Technical)/Assistant Engineer.
8. Some restrictions may be imposed by the security staff etc. on the working and for movement of labour, materials etc. The contractor shall be bound to follow all such restriction / instructions and nothing extra shall be payable on this account.
9. Other agencies doing works related with this project will also simultaneously execute the work and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, opening etc., for laying/burying in the work pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will be laid in such a way that they leave enough space for concreting and do not adversely affect the structural

members. Nothing extra over the agreement rates shall be paid for the same. The contractor shall extend necessary co-operation to other such agencies without any claim on this account.

- 10.** Any cement slurry, required to be added over base surface for bond or for continuation of concreting, its cost shall be deemed to have been included in the respective items, unless specified otherwise and nothing extra shall be payable nor extra cement shall be considered in the cement consumption on this account.
- 11.** Stacking of materials and excavated earth including its disposal shall be done as per the directions of the Consultant (Technical)/Assistant Engineer. Double handling of materials or excavated earth, if required, shall have to be done by the contractor at his own cost.
- 12.** No claim for idle establishment & labour, machinery & equipments, tools & plants and the like, for any reason whatsoever, shall be admissible during the execution of work as well as after its completion.
- 13.**
 - a. The building work will be carried out in the manner complying in all respect with the requirements of relevant bylaws of the local body under the jurisdiction of which the work is to be executed or as directed by the Consultant (Technical)/Assistant Engineer and nothing extra will be paid on this account.
 - b. The work of water supply, internal sanitary installations and the drainage work etc may required to be carried out as per local Municipal Corporation or such local body-Bylaws and the contractor in such cases shall produce necessary completion certificate from such authorities after completion of the work.
- 14.** The contractor shall give a performance test of the entire installation(s), as per standing specifications, before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test .
- 15.** Any damage to work resulting from weathering conditions, defacing or from any other cause such as negligent act on the part of contractor, until the work is taken over by the Department after completion of work, shall be made good by the contractor at his own cost.
- 16.** Dismantling of cement concrete floors inside the quarters shall be done with the help of mechanized vibratory hammer, drills etc. The work shall be carried out in such a way that there should be least disturbance to the adjoining allottees and work should be completed within least possible time. The contractor must ensure that there should be no damage to the supporting RCC members.
- 17.** The corrected form CPWD-7/8 is available in office for inspection. The contractors are requested to go through the same. They will be bound by the terms and conditions stated therein.
- 18.** The order of preference in case of any discrepancy as indicated in condition no 8.1 under “Conditions of Contract” given in General conditions of contract for Central P.W.D. works 2014 form may be read as the following:
 - i. Description of item Nomenclature in the schedule of quantities.
 - ii. Particular specifications for Repair and Rehabilitation works (if applicable)
 - iii. Particular specifications.
 - iv. Additional and Special conditions.
 - v. Contract Clauses of General conditions of contract for Central P.W.D. works.

- vi. MORTH specifications for Road & Bridge works with correction slips upto date of receipt of tender.
- vii. CPWD specifications as mentioned in Schedule 'F'.
- viii. Architectural Drawings, if any.
- ix. Indian Standard Specifications
- x. Sound Engineering Practice

19. The words “Equivalent”, “Approval” and authorized” in these specifications shall imply and require written approval of the Consultant (Technical)/Assistant Engineer.

20. The rates shall include the following: -

- a) All necessary materials, bolts, nuts, fasteners, nails, screws, rawl plugs, etc. as may be necessary to complete the work detailed in the specifications, whether or not specifically mentioned. The tenderer should ensure that he has studied the drawings carefully and should seek any clarifications he may have from the Consultant (Technical)/Assistant Engineer of the work. No extra claims will be entertained later on.
- b) Cutting, making and repairing of any holes/opening Junction Box for electrical purpose etc. required for any light fittings, loudspeakers, air- conditioning grills etc.

21. The Registrar has got the right to accept or reject the tender as whole or part of it and no claims what so ever will be entertained on this account.

22. No payment will be made to the contractor for damages caused by rains during execution of the works and no claim on this account will be entertained.

23. The dismantling wherever required shall be done in a manner so that no other portion of the building or its fixtures are damaged. If any damages are done to the building it will be made good by the contractor at his own cost and no claim what so ever will be entertained on this account.

24. The rates for all items of work shall (Unless clearly specified) include the cost of all labour, material taxes (i/c GST) and other aspects involved in the execution of work. The rate shall include GST, if any.

25. The contractor shall make his own arrangement for getting the permission (to ply the trucks) from the traffic police.

26. The contractors are advised to get acquainted with the proposed work and its site and also study the specifications and conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions and ignorance of specifications and special conditions.

27. All dismantled materials/ Building rubbish/ Malba and other such material received and collected by the contractor during the course of execution of work will be removed from the site of work immediately as directed by the Engineer- in-Charge.

28. **GST @ 2%, 1% water charges if water not arranged by contractor, Income tax plus surcharge and Labour Cess as applicable shall be recovered from the gross amount of each Bill.**

29. **Tender with contradictory conditions/ Rebate will be rejected straight away.**

30. The materials shall be issued to the contractor for day-to-day work, according to the numbers of men employed by him. The unused materials should be returned by him at the end of the day work along

with the empty containers etc. The empty containers shall be preserved till the completion of the work and the clearance to remove them is given by the Consultant (Technical)/Assistant Engineer in writing.

31. The sub-standard work shall be rejected outright and shall not be measured and nothing extra shall be paid for it. The decision of the Consultant (Technical)/Assistant Engineer shall be final and binding in this regard.
32. In case material consumed is less than the permissible variation then the work beyond theoretical consumption i/c variation shall be treated as substandard and quantity for payment purpose will be restricted to as per material actually consumed.
33. The material such as paints, varnish distempers, water proofing cement paint and primers etc. as required shall be of approved brand and manufactures, and of required shade and confirming (in all respects) to the relevant I.S. specifications.
34. Scrapping shall be got checked from in charge of the work before carrying out finishing work over it.
35. **No labour huts shall be allowed inside the campus of above said work. The contractor shall arrange for the stay of labour outside the campus including transport and nothing extra shall be payable on the account.**
36. The work if required to be executed in odd hours, the agency shall plan the work to be carried out accordingly. Nothing extra shall be paid on this account.
37. There may be some restrictions on free movement of labourers at site and restriction of working hours and the agency shall consider this fact while quoting the rates and executing the work. Photo passes if any required for worker shall be the responsibility of the contractor.
38. Existing drains, pipes, cables, overheads wires, sewer lines and water lines and similar services encountered in the course of the execution of the work shall be protected against the damage by the contractor at his expenses. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.
39. Malba/building rubbish etc. received from work shall be removed to designated site [fixed by Consultant (Technical)/Assistant Engineer] within the time frame decided by the Engineer-in-charge, otherwise a penalty of Rs. 1500/- shall be imposed on the contractor for each default.
40. Before dismantling the structure / item the contractor shall bring the entire material required for particular job at site after getting the sample approved from the Consultant (Technical)/Assistant Engineer.
41. Before starting the work the contractor shall chalk out a programme in consultation with the Consultant (Technical)/Assistant Engineer so as to inform the occupants in advance. The contractor shall have to adhere this programme, failing which he shall be held responsible for any inconvenience caused to the occupants. In order to ensure that the work is carried out according to the programme drawn up, the contractor shall ensure adequate supply of the material and employ required labour strength for execution of work. In case contractor fails to arrange / employ adequate labour and stick to the programme, the Consultant (Technical)/Assistant Engineer may supplement the labour at the risk and cost of the contractor after issue of one day's notice to the contractor through site order book. No claim for idle labour shall be entertained. The contractor shall put his representative daily on site of work. His name & signature shall be attested by the contractor on the record for the department.

42. The contractor shall prepare one sample of all items which should be got approved from the Consultant (Technical)/Assistant Engineer. Only after acceptance of sample work, contractor will be allowed to commence the work and sample is to be preserved by contractor till the whole work is completed. The quality of work should confirm to the approved samples.
43. The contractor should note that the items of work in any quarter shall be undertaken one at a time, one after the other and to complete at one stretch in reasonable time allotted for the same by Consultant (Technical)/Assistant Engineer. Any item left over in any quarter will be got done at his risk and cost without any further notice.
44. No T & P shall be issued by the department.
45. Any damage done to the existing structure shall be made good by the contractor at his own risk and cost.
46. The contractor shall be responsible for behaviour and conduct of his worker. No worker with doubtful integrity or having a bad record shall be engaged by the contractor.
47. No dismantled material should be thrown out from ground or upper floors of the building. All the dismantled material should be carried out to ground through Chute made of PVC pipe of suitable size & proper clamped only at no extra cost.
48. All the furniture items in the office/quarters shall be shifted safely without any damage to the furniture items, by the contractor before start of work after getting programme from the concerned office staff /officers in charge of the room or allottee of the quarter. After finishing of the work all the furniture items shall be placed in the position and nothing extra on this account shall be paid.
49. **SPECIAL CONDITIONS AS PER NGT GUIDELINES:** The guidelines regarding preventive measures for Air Pollution from demolition & construction activities issued by Delhi Pollution Control Committee vide no. DPCC/EIA/Res- 001 to 172 /NGT-21/2015/225-408 dated 17.04.2015 in compliance of Hon'ble National Green Tribunal directions enclosed herewith are applicable to the contractor. All appropriate protection measures as per NGT & DPCC guidelines shall be taken by the contractor at his own cost. Nothing extra shall be payable to the contractor on this account.

Hon'ble National Green Tribunal in its order dated 04.12.2014 in respect of air pollution from dust resulting from demolition and construction activity inter-alia has directed as follows:

- I. No government, authority, contractor, builders or any person would be permitted to store/dump construction material or debris on metalled road.
- II. Beyond the metalled road the area where such the construction material or debris can be stored shall be physically demarcated by officers of all the concerned Authorities/Corporation ensuring that it would not cause any obstruction to the free flow of traffic/inconvenience to the pedestrians. It should be ensured that no accidents occur on account of such permissible storage.
- III. Every builder, contractor or person shall ensure that the construction material is covered by tarpaulin and all other precaution should be taken to ensure that no dust particles are permitted to pollute air quality as a result of such storage.
It shall also be ensured that appropriate protection measures are taken by raising wind breakers of appropriate height on all sides of the plot/area using plastic and/or other similar material to ensure that no construction material dust fly outside the plot area and it will be the builder/contractor responsibility to ensure that their activity does not cause any air pollution during course of construction and/ or storage of material or construction activity. This condition shall be strictly

adhered to by every builder, contractor, person or authority. In the event of default they shall be liable to be prosecuted under the law in force, as well as for causing environmental pollution and will be liable to pay compensation which would be determined by Tribunal in accordance with law.

- IV. All the trucks or vehicles of any kind which are used for construction purposes/ are carrying construction material like cement, sand and other allied material should be fully covered. The vehicles should be properly cleaned should be dust free and every necessary precautions is to be taken to ensure that enroute their destination, the dust, sand or any other particles are not permitted to be released in air/contaminate air. Any truck not complying with the above directions would not be permitted to enter NCR, Delhi.

Hon'ble National Green Tribunal in order Dated 10.04.2015 interalia has directed as follows:

1. Every builder or owner shall put tarpaulin on scaffolding around the area of construction and the building. No person including builder, owner can be permitted to store any construction material particularly sand on any part of the street, roads in any colony.
2. The construction material of any kind that is stored in the site will be fully covered in all respects so that it does not disperse in the Air in any form.
3. All the construction material and debris shall be carried in the trucks or other vehicles which are fully covered and protected so as to ensure that the construction debris or the construction material does not get dispersed into the air or atmosphere, in any form whatsoever.
4. The dust emissions from the constructions site should be completely controlled and all precautions taken in that behalf.
5. The vehicles carrying construction material and construction debris of any kind should be cleaned before it is permitted to ply on the road after unloading of such material.
6. Every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris shall be provided with mask to prevent inhalation of dust particles.
7. Every owner and or builder shall be under obligation to provide all medical help, investigation and treatment to the workers involved in the construction of building and carry of construction material and debris relatable to dust emissions.
8. It shall be the responsibility of every builder to transport constructions material and debris waste to construction site, dumping site or any other place in accordance with rules and terms of this order.
9. All to take appropriate measures and to ensure that the terms and conditions of the earlier order and these orders should strictly comply with by fixing sprinklers, creations of green air barriers.
10. Compulsory use of wet jet in grinding and stone cutting.
11. Wind breaking wall around construction site.
12. All the builders who are building commercial, residential complexes which are covered under the EIA Notification 2006 shall provide green belt around the building that they construct. All authorities shall ensure that such green belts are in existence prior to issuance of occupancy certificate.

13. All builders shall ensure that C&D waste is transported in terms of this order to the C&D waste site only and due record in that behalf shall be maintained by the builders, transporters and NCR of Delhi.
14. Even if constructions have been started after seeking environmental clearance under EIA notification 2006 and after taking other travel but is being carried out without taking the preventive and protective environmental steps as stated in this order and MoEF guidelines 2010, the State Government, SPCB and any officer of any department as afore stated shall be entitled to direct stoppage of work.

Environmental Impact Assessment Guidance Manual for Building, Construction, Township and area development Projects of February, 2010 is available on the website of MoEF & CC envisaging the following guidelines for mitigation measures in respect of dust control from Building, Construction Projects:

“Adopting techniques like, air extraction equipment, and covering scaffolding, hosing down road surfaces and cleaning of vehicles can reduce dust and vapour emissions. Measures include appropriate containment around bulk storage tanks and materials stores to prevent spillages entering water courses.

The others measures to reduce the air pollution on site are:-

- Sprinkling of water and fine spray from nozzles to suppress the dust.
- On-Road-Inspection should be done for black smoke generating machinery.
- Promotion of use of cleaner fuel should be done.
- All DG sets should comply emission norms notified by MoEF.
- Vehicles having pollution under control certificate may be allowed to ply.
- use of covering sheet to prevent dust dispersion at buildings and infrastructure sites, which are being constructed.
- Use of covering sheets should be done for trucks to prevent dust dispersion from the trucks, implemented by district offices.
- Paving is a more permanent solution to dust control, suitable for longer duration projects. High cost is the major drawback to paving.
- Reducing the speed of a vehicle to 20kmph can reduce emissions by a large extent.

Speed bumps are commonly used to ensure speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, it may be necessary to divert traffic to nearby paved areas.

Material storages/ warehouses- Care should be taken to keep all material storages adequately covered and contained so that they are not exposed to situations where winds on site could lead to dust/particulate emissions. Fabrics and plastics for covering piles of soils and debris is an effective means to reduce fugitive dust.”

By way of these orders/notice you are hereby notified for mandatory strictly adherence to and compliance of the directions contained in the order of Hon’ble Tribunal as well as MoEF guidelines, 2010 in relation to precautions required to be taken while carrying on construction activities.

Copy of NGT orders dated 04.12.2014, 10.04.2015 copy of MoEF guidelines 2010 and copy of notice issued are available at the DPCC website also i.e. “<http://dpcc.delhigovt.nic.in>.”

Please note that the non-compliance of Hon'ble NGT order will make you liable for action as per law including the directions for stoppage of work.

PARTICULAR SPECIFICATIONS & CONDITIONS FOR CIVIL WORKS

1. General.

Unless otherwise specified in the schedule of quantities, the rates tendered by the contractor shall be all inclusive and shall apply to all lifts & all heights, floors including terrace, leads and depths and nothing extra shall be payable on this account.

Unless otherwise specified, the brand/make of the material as specified in the item nomenclature, in the particular specifications and in the list of approved materials attached in the tender, shall be used in the work. In case of non-availability of the brand specified in the contract the Contractor shall be allowed to use alternate equivalent brand of the material subject to submission of documentary evidence of non-availability of the specified brand. The necessary cost adjustments (if alternative brand is not equivalent) on account of above change shall be made for the material.

Sampling and Testing

The cost of samples including packing, sealing, transportation and other incidental charges shall be borne by the contractor. In case the tests are conducted at a approved laboratory other than the site laboratory of the contractor, the cost of tests shall be borne by the contractor.

In all cases, cost of samples and to and from carriage shall be borne by the contractor.

The contractor has to establish field laboratory and skilled manpower for the following tests at his own cost.

- Particle size and shape.
- Ten percent fine value
- Aggregate impact test
- Slump test
- Flakiness and elongation index tests.
- Bulking of sand
- Silt content of sand
- Thermometer with brass protected end (0-1000 C)

Equipment like excavators/Transit mixer etc. shall be allowed to be moved away from the site when, in written opinion of Consultant (Technical)/Assistant Engineer, the same are no longer required at site of work.

All the equipment shall be brought, installed and commissioned at site of work at least one week before their actual planned use at site.

All the item of works related to foundation and plinth includes the work of basements also.

To avoid disputes later on, contractor is advised to get the measurement recorded within a week's time and shall submit his bills as per relevant clause of the contract. Any dispute regarding measurement including work done shall be judged within a week's time failing which measurement, certified and recorded shall be entertained.

The work of addition and alterations covered under this contract shall be carried out in piece meal/in parts, and the contractor shall execute the work in the area made available to him and the contractor shall not claim anything extra over agreement rates, due to execution of works in piece meal manner.

The contractor at his own cost shall take all necessary measures for the safety of traffic and workers during execution and provide, erect, and maintain barricades including required marshals, signs, markings, lights etc. necessary all around the site and offices. The manner and the position of boundary where barricading is

to be provided shall be decided by the Consultant (Technical)/Assistant Engineer whose decision shall be final and binding. The failure to provide barricades at site in the opinion of Consultant (Technical)/Assistant Engineer shall make contractor liable for penal action as decided by Consultant (Technical)/Assistant Engineer. The barricading shall be removed from the site only after approval of Consultant (Technical)/Assistant Engineer.

Keeping in view exigency/urgency, the work shall be carried out in more than one shift i/c Sunday & holiday and nothing extra shall be paid on this account.

2. CONDITIONS FOR CEMENT

The Contractor shall procure 43 grade OPC or PPC cement of required brand such as ACC, L&T, Ambuja, Birla, Vikram, J.K., JP Rewa, Ultra Tech and Cement Corporation of India as approved by the Engineer-in-Charge.

The contractor shall produce original vouchers for the total quantity of cement supplied under each consignment and manufacturer's Test Certificate if required by the Consultant (Technical)/Assistant Engineer.

3. CONDITION FOR REINFORCEMENT STEEL

The contractor shall procure steel reinforcement TMT bars of grade Fe500-D grade from producers such as SAIL, TISCON, RINL, Jindal Steel & Power Ltd and JSW Steel Ltd or any other producer as approved by Ministry of steel.

The contractor shall produce original vouchers for the total quantity of steel supplied under each consignment and manufacturer's Test Certificate if required by the Consultant (Technical)/Assistant Engineer.

The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. The cost of tests shall be borne by the contractor.

For the purpose of payment, the actual weight of steel reinforcement / structural steel sections/ plates / bolts and nuts shall be measured as below:

- a) Unit weight for reinforcement bars: The actual weight per meter of the reinforcement of various diameters shall be measured for three random samples collected (for each diameter of steel reinforcement) from each lot of particular diameters of steel reinforcement brought to the site for use in the work. For this, each sample (one sample consisting of three specimens) for each diameter of steel reinforcement shall be cut to require lengths and weighed and average weight calculated and recorded. The average weight for each type of steel section and steel reinforcement of each diameter shall be taken as the actual weight per metre for that steel section and that diameter of steel reinforcement.
- b) In case actual unit weight is less than standard unit weights mentioned in CPWD specifications 2009 Volume 1, but within variation, in such cases payment shall be made on the basis of actual unit weight. However, if actual unit weight is more than standard unit weights mentioned in CPWD specifications 2009 Volume 1, then payment shall be made on the basis of standard unit weight in such cases. In such case nothing extra shall be paid for difference in actual weight and standard weight.

SPECIFICATION AND SPECIAL CONDITIONS FOR DAY TO DAY MISC.
REPAIRING WORKS

1. The Corrected form CPWD 7/8 is available with the office of the Consultant (Technical)/Assistant Engineer for inspection. The contractor is requested to go through the same. They will be bound the terms and conditions stated therein.
2. The contractor is advised to get acquainted with the proposed works & its site and also study the specifications and special conditions carefully before bidding. No claim of any sort shall be entertained on account of any site conditions & ignorance of specifications and special conditions.
3. The works shall be carried out as per CPWD specifications 2019 Vol. I & II with up to date corrections slips unless otherwise specified in the nomenclature of the individual items or in the specifications attached. At the points where specifications are silent, the instructions of the Consultant (Technical)/Assistant Engineer shall be final.
4. In the event of any discrepancy between the nomenclature of the item of work as per schedule of quantities and the attached specification 2019 Vol. I & II, the nomenclature will prevail.
5. In the event of any discrepancy between the CPWD specifications 2019 Vol. I & II and special conditions attached, the special conditions shall prevail.
6. Unless otherwise provided in the schedule of quantities the rates bidden by the contractor shall be inclusive of all leads and lifts and shall apply to the heights and depths of the building and nothing extra shall be payable on him on this account.
7. The rates for all items of work, shall unless clearly specified otherwise, include the cost of all labour, materials and other inputs involved in the execution of the items of work.
8. The rates quoted by the contractor shall be taken as net and nothing extra shall be paid on any account i.e. royalty, carriage, sales tax and stacking at required place etc.
9. 1% water charges if water not arranged by contractor, Income tax plus surcharge and labour cess as applicable shall be recovered from the gross amount of each bill.
10. All materials obtained from Govt. stores or otherwise shall be got checked by the Consultant (Technical)/Assistant Engineer of the work on receipt of the same at site of work before use.
11. The contractor has to make his own arrangement for all T & P like ladders, ghoree, sutli, empty containers, brushes and paper, kuchies etc. required for work and nothing extra shall be paid for the same.
12. The contractor shall get approved the brands/shades of oil bound distemper, synthetic enamel paint, plastic emulsion pain etc. from the Consultant (Technical)/Assistant Engineer before supply of the materials.
13. Materials shall be brought to the site of work in original containers with the manufactures seal intact.

14. The materials required for day's work shall be issued to the contractor or his authorized representative daily by the Consultant (Technical)/Assistant Engineer of the work any balance of the material left at end of the days of work and empty containers shall be returned to the Consultant (Technical)/Assistant Engineer. The day to day issue account of the materials shall be maintained by the Consultant (Technical)/Assistant Engineer and shall be signed daily by the contractor or his authorized agent in token of receipt of the materials failing which no payment of bill shall be made to the contractor. The empty containers shall not be removed from the site of work, without written orders of the Consultant (Technical)/Assistant Engineer.
15. Before the commencement of work, the contractor shall prepare one sample as instructed by the Consultant (Technical)/Assistant Engineer for approval of the Consultant (Technical)/Assistant Engineer. After the sample is approved by the Consultant (Technical)/Assistant Engineer, the contractor shall be allowed to commence of the work and quality of work shall confirm to the approved sample.
16. Before the commencement of work, the contractor shall draw up programme in consultation with the Consultant (Technical)/Assistant Engineer for the execution of work so as to inform the occupants of the office flat/quarter at least one week in advance regarding the execution of the work.
17. In case the office, rooms/quarters/flats are not made available to the contractor according to the programme, the contractor shall not be entitled for any claim for idle labour or any other claim on any account what-so-ever.
18. Defective work/substandard work or work not done according to the specifications of the contract shall be liable for summary rejection & shall not be measured and paid for. This shall be without prejudice to taking any other action the contractor in accordance with the terms & conditions of contract.
19. The entire work shall be carried out in close co-operation with all other agencies working in the building. The contractor(s) shall not be entitled to any compensation on account of temporary stoppage of work due to other constructions.
20. No payment will be made to the contractor for damage caused by rains during the execution of the work and no claim on his account will be entertained.
21. It will be responsibility of the contractor for damage caused by rains during the execution of the work and no claim on his account will be entertained.
22. Scrapping shall be shown to the Assistant Engineer /Consultant (Technical)/Assistant Engineer and got approved and test checked by him prior to distempering.
23. Deviation in quantities shall be done only with prior written permission of the Consultant (Technical)/Assistant Engineer. Deviation in quantities done on the order of other than the Consultant (Technical)/Assistant Engineer shall not be measured and paid for.
24. To avoid disputes later on, contractor in advised to get the measurement recorded within a week's time and shall submit his bills as per relevant clause (6A) of contact. Any dispute regarding measurement including work done shall be judged within a week's time failing which measurement, certified and recorded, shall be entertained.
25. Contractor has to bring to site of work the entire quantity of lime of approved quality before the start of the work. The mixing of lime will be done in the presence of the Consultant (Technical)/Assistant Engineer.

26. Any damage to the building, furniture, fittings of any other articles etc. done by the contractor or his workmen during the execution of work, shall be made good by the contractor, failing which the same shall be made good by the Consultant (Technical)/Assistant Engineer or his authorized representative at the risk and cost of the contractor.
27. All doors, windows, floors, furniture, electrical fittings and other articles shall be protected from dust, splashes & damaged sufficient covering for the day's work shall be shown to the representative of the Consultant (Technical)/Assistant Engineer before the contractor is allowed to proceed with the work, splashes & droppings from white washing, colour washing, distempering painting etc. on walls, floors, doors and window, down take pipes, furniture shall be removed by the contractor at his own cost and surface cleaned simultaneously after the completion of the day's work is done, without waiting for the actual completion of the other items of work of the contract. In case the contractor fails to comply with this requirement the Consultant (Technical)/Assistant Engineer or his authorized representative shall be the right to get this work done at the risk and cost of the contractor either departmentally or through another agency without issue of any notice to the contractor, departmentally or through another agency without issue of any notice to the contractor, on his account. The representative of the Consultant (Technical)/Assistant Engineer will however, mention about it in the site order Book employing the labour on the job at the contractor's cost.
28. The contractor should write their correct postal address on the application for bid papers. In case it is found that the address given in their application is not correct and as a consequence of the same if any registered letter sent through postal authorities is received back by the department undelivered to the contractor, the contractor shall be fully responsible for all the consequences and by such letter through registered post shall be deemed to have been delivered to him.
29. Full quantity of material such as paint plastic emulsion paint, oil bound distemper etc. shall be deposited in sealed container in advance and get it checked by Consultant (Technical)/Assistant Engineer before use.
30. Shifting of furniture such as so far table, chairs, glass etc. and make necessary arrangements to protect the furniture, carpets, floors from any spidge during the execution of work. Any damage if done, shall be made good by the contractor at his own cost nothing shall be paid extra in this regard.
31. The work of addition and alterations covered under the contract shall be carried the individual quarters. The bungalows may be made available to the contractor execution work in piece meal/, in parts, and the contractor shall execute the work in these quarters made available to him and the contractor shall not claim anything extra over agreement rates, due to execution of works in piece meal manner.

ADDITIONAL CONDITION FOR DAY-TO-DAY MISC. REPAIRING WORKS

1. Substandard work shall be rejected out rightly and nothing shall be paid on this account.
2. Day to day program shall be taken from the Consultant (Technical)/Assistant Engineer of the work and contractor shall have to execute the work accordingly and no claim whatsoever shall be entertained due to any unforeseen change of programme.
3. The doors, windows floors and furniture if any shall be protected by suitable covering etc at the time of execution of work.
4. All precautions will have to be taken to prevent damage to the structure during the execution. Any such damage if occurs shall be made good free of cost.
5. The rates include all leads and lifts i.e. on all the floors. No claim on this account will be entertained.
6. Before the start of work the sample of the items to be executed shall be got approved from the Consultant (Technical)/Assistant Engineer and the same shall be strictly followed everywhere.
7. For any change of shade if strainer is required to be used the contractor shall make his own arrangement for strainer of approved manufacture at his own cost.
8. Wherever two or more coats of work on old work is mentioned it will mean doing the work wherever scrapping has been done.
9. No. T&P shall be issued by the Department.
10. Contractor should see the site and conditions of existing splashes, paint works etc and quote rates accordingly.
11. Measurements for work done shall only be recorded after full removal of splashes of the white wash / distemper / paint / water proofing cement paints etc. In case of non-removal of the splashes the cost of their removal shall be recovered from the contractor at the direction of Consultant (Technical)/Assistant Engineer.
12. The contractor shall have to produce original voucher to check the genuineness of material, such as paint, distemper, water proofing cement paint and primer etc.
13. The contractor and/ or his authorized representative should inspect the site order book every day and got the compliance noted by the Consultant/Consultant (Technical)/Assistant Engineer.
14. All the materials shall be got approved from the Consultant (Technical)/Assistant Engineer before, it is put to use. Before the start of work 50% of the total requirement for material will have to be deposited with the concerned Consultant (Technical)/Assistant Engineer in first instance. Who shall also maintain an a/c of these materials and submit them with the bills for checking.
15. The contractor shall be issued materials for day-to-day work, according to the numbers of men deployed by him. The unused materials should be returned by him at the end of the days work along with the empty containers etc. The empty containers shall be preserved till the completion of the work and the clearance to remove them in given by the Engineer- in-charge in writing.

16. All nails' holes etc shall be repaired with lime plaster or with glazer putty as required without any extra payments.
17. All doors, windows, floors, furniture, electrical fittings and other articles shall be cleaned free from dust, splashes and damages; sufficient covering for the day's work shall be shown to the representative of Consultant (Technical)/Assistant Engineer before the contractor is allowed to proceed with the work. Splashes and dropping of whitewash from, glass panes down take pipes, furniture, shall be removed by the contractor at his own cost and the surface cleaned simultaneously after the completion of the day's work in individual room or bungalow or premises where the work is done without waiting for the actual completion of all the other items of work in contract.
18. Full quantity of material purchased from authorized dealers with their cash memos like paint/cement paint/OBD/plastic emulsion of the firm indicated in the items or elsewhere shall be deposited with the Consultant (Technical)/Assistant Engineer concerned before starting execution.
19. The Substandard work shall be rejected outright and shall not be measured and nothing extra shall be paid for it. The decision of the Consultant (Technical)/Assistant Engineer shall be final and binding in this regard.
20. In case material consumed is less then the permissible variation then the work beyond theoretical consumption including variation shall be treated as substandard and quality for payment purpose will be restricted to as per material actually consumed.
21. The material such as paints, Oil Bound Distempers, water proofing cement paint and primers etc as required shall be of approved brand and manufactures and of required shade and confirming to IS specifications, such material of either of the following companies shall only be brought to the site of work.
22. All items shall be of ISI Mark.
23. The contractor shall provide the materials as per the make or brand indicated above. When two or more alternative/ brands has been mentioned, the brand selected by the Consultant (Technical)/Assistant Engineer shall be final & binding. The manufacturer certificate is also to be provided if required by the Consultant (Technical)/Assistant Engineer.
24. Scrapping shall be shown to the Consultant (Technical)/Assistant Engineer and got approved with prior written permission of Consultant (Technical)/Assistant Engineer.
25. The contractor shall have to remove all splashes after completing the day work. In case the splashes are not removed by the contractor the same shall be got removed by the Consultant/Consultant (Technical)/Assistant Engineer and necessary recovery for the cost of removal of splashes shall be made from the contractor as below: -
 - a. For splashes of internal white wash/ distemper etc. Rs. 300/- per bungalow/ flat.
 - b. For splashes of paint marks – Rs. 500/- per bungalow/ flat.
 - c. For splashes of external white wash/ colour wash/ water proofing cement paint- Rs. 300/- bungalow/ flat.
26. The co-efficient for working out theoretical consumption are as below: -
 - a. Acrylic washable distemper.
 - i. One or more coats on old work 1 kg per 10 sqm.

- ii. Two or more coats on new work 1.50 kg per sqm.
- b. Cement primer 0.70 ltr per 10 sqm.
- c. Water proofing cement paint.
 - i. One or more coats on old work 2.2 kg per 10 sqm.
 - ii. Two or more coats on new work & 3.84 kg per 10 sqm.
- d. Plastic emulsion paint.
 - i. One or more coats on old work & 0.73 ltr per 10 sqm.
 - ii. Two or more coats on new work & 1.21 ltr per 10 sqm.
- e. Synthetic enamel paint
 - i. One or more coats on old work 0.70 ltr per 10 sqm
 - ii. Two or more coats on new work & 1.16 ltr per 10 sqm

**The Registrar
National Law University, Delhi**

List of Approved Make

S. No.	Material	Preferred Makes/Manufacturers
1.	STEEL (TMT FE-500D)	TATA STEEL LTD., RINL, JINDAL STEEL & POWER LTD (PANTHER), JSW STEEL LTD (NEO), SAIL
2.	STRUCTURAL STEEL SECTIONS	TATA, JSPL, SAIL ,RINL
3.	CEMENT [OPC 43 Grade AND (P.P.C.)]	LAFARGE, ACC, AMBUJA, VIKRAM, ULTRATECH, JAYPEE CEMENT, JK CEMENT, SHRI CEMENT.
4.	PRECAST DRAIN COVER/KERB CHANNEL	S&S, HPL, KK, NITCO, KERAKROME, DALAL TILES.
5.	READY MIXED CEMENT CONCRETE	ACC, ULTRA TECH, NUVOCO, AFCON, PRISM JHONSON LTD, SHREERAM RMC LTD., RISE ELEVEN READYMIX, NDCON
6.	WHITE CEMENT	BIRLA WHITE, J.K. WHITE, ULTRATECH
7.	CC PAVERS	NITCO, PAVIT, KK, DALAL , UNISTONE
8.	POLISHED VITRIFIED TILES (DOUBLE CHARGED/FULL BODY CHARGED/GVT)	KAJARIA, JOHNSON, VARMORA, RAK AGL, RESTILE., SOMANY
9.	CERAMIC GLAZED TILES	SOMANY, RESTILE, KAJARIA, JOHNSON, VARMORA, AGL.
10.	WATER-PROOF CEMENT PAINT	SNOWCEM, ASIAN PAINT, ICI. CICO, SIKA
11.	SYNTHETIC ENAMEL PAINT	ASIAN PAINT, BERGER, NEROLAC, AKZONOBEL
12.	PLASTIC EMULSION PAINT	ASIAN PAINT, BERGER, NEROLAC, AKZONOBEL
13.	OIL BOUND DISTEMPER/ACRYLIC EMULSION PAINT	ASIAN PAINT, BERGER, NEROLAC, AKZONOBEL
14.	STEEL PRIMER	AKZONOBEL,NEROLAC, BERGER,JOTUN, ASIAN PAINTS
15.	WOOD PRIMER	AKZONOBEL, NEROLAC, BERGER, ASIAN PAINTS
16.	EXTERIOR WATERPROOFING PAINT	RAINCOAT (DR. FIXIT), ASIAN, BERGER, AKZONOBEL.
17.	WOOD FINISH (MELAMINE & PU POLISH)	JIVANJOR, ASIAN, WAXPOZ
18.	LAMINATE	GREENLAM, ARCHIDLAM ,CENTURY,DURO, MERINO
19.	PLY BOARD, PLYWOOD	GREEN, CENTURY, ARCHIDPLY, DURO
20.	MORTICE LOCKS, LATCH	ASSABLOY, HAFELE, GODREJ, DORMA, KICH, GEZE
21.	EPDM GASKET	HANU, ANAND, VICTOR
22.	WOOD ADHESIVE	FEVICOL, 3M, JIVANJOR, SIKA, THERMOSHIELD
23.	FLUSH DOOR	GREEN, CENTURY, DURO,ARCHIDPLY,MERINO.
24.	WATER REPELLENT PAINT	ARDEX ADURA, WEBER, PIDILITE
25.	FIRE SEALANT	HILTI, 3M, MCCOY
26.	TILE ADHESIVE	BAL ENDURA, PIDILITE, FAVIMATE XL, FERROUSCRETE, ARDEX ENDURA,UNITED'S
27.	STONE ADHESIVE	PIDILITE, FERROUSCRETE, ARDEX ENDURA, WEBER, UNITED
28.	DASH ANCHORING FASTENERS	HILTI, FISCHER, CANON, WURTH, KONCEPT, TRIXEL
29.	ALUMINIUM COMPOSITE PANEL	ALUCOBOND, ALUDECOR, REYNOBOND, ALPOLIC,
30.	EPOXY GROUTING COMPOUND	BAL ENDURA, PIDILITE, MYK LATICRETE, FERROUSCRETE
31.	GYPSUM PLASTER	FERROUS CRETE / GYPROC SAINT GOBAIN / USG BORAL / ULTRATECH/UNITED

32.	SILICON SEALANT	GE, DOW CORNING, PIDILITE
33.	GYPSUM BOARD	FERROUS CRETE, GYPROC, SAINT GOBAIN, ULTRATECH
34.	ROOF TILES	NITCO, BHARAT TILE.
35.	MECHANICAL COUPERS	USHA MARTIN, DEXTRA, ASCON, HERRISAN, G-TECH SPLICING
36.	FLOAT GLASS	ASAHI, MODI GLASS, SAINT GOBAIN GLASS, SCHOTT
37.	CRYSTALLIANE CEMENTITIOUS WATERPROOFING COMPOUND	XYPEX CONSTRUCTION CHEMICAL, VELOSIT, PENETRON, TECHNINICOL
38.	TPO MEMBRANE FOR WATERPROOFING	GRACE, FOSROC, ASIAN, PIDILITE, CICO, BASF, SOPREMA
39.	HDPE MEMBRANE FOR WATERPROOFING	CICO, GRACE, FOSROC, ASIAN, PIDILITE, BASF,
40.	SBSMEMBRANE FOR WATERPROOFING	CICO, GRACE, FOSROC, ASIAN, PIDILITE, BASF, SOPREMA
41.	ROLLER BLIND	VISTA, MAC, HUNTER DOUGLUS, DECK
42.	PRELAMINATED PARTICLE BOARD	CENTURY PLY, GREENLAM, DURO, ARCHIDPLY
43.	HYDRAULIC DOOR CLOSER, FLOOR SPRING	DORMA, HARDWYN, GODREJ, OZONE, GEZE
44.	WOODEN DOOR FITTINGS OF BRUSHED STEEL	DORMA, HAFELE, HETTICH, MARSHALL, GEZE
45.	FRICTION STAY HINGES	HETTICH, EBCO, HAFELE, GEZE
46.	STAINLESS STEEL FITTINGS FOR DOOR & WINDOWS	OZONE, HAFELE, DORMA, GEZE, KICH
47.	STEEL WINDOWS, PRESSED STEEL FRAMES	SAN HARVIC, STEELMAN INDUSTRIES, PD INDUSTRIES, METAL WINDOWS, CHANDNI INDUSTRIES, GANPATI UDYOG (RAJPURA)
48.	WIRE MESH	STERLING ENTERPRISES, TRIMURTY WELDED MESH, MICROMESH, HARVER STANDARD, INDIA WIRE MESH
49.	ADHESIVE TAPE	3M, NORTON, BOPD, TESA
50.	HIGH PERFORMANCE EPOXY BASED RESIN ANCHOR SYSTEM	BASF, FOSROC, CICO, SIKA
51.	EPOXY MORTAR	FOSROC, SIKA, MYK LATICRETE, CICO
52.	NUTS, BOLTS & SCREWS	GKW, KUNDAN, PRIYA, ATUL, KONCEPT, TRXISL, BOUN
53.	ALUMINIUM SECTIONS FOR DOORS & WINDOWS ETC.	JINDAL, HINDALCO, BHORUKA
54.	HARDWARE FITTINGS FOR ALUMINIUM WINDOWS & DOORS	GEZE, ALUALFA, LAVAAL, DELMA, HAFELE, KICH, OZONE, DORMA
55.	SPECIALISED AGENCIES FOR ALUMINIUM GLAZING, STRUCTURAL GLAZING, ALUMINIUM DOOR & WINDOWS, ACP WORK.	WINDORZ INDIA PVT. LTD. (DELHI), ASHOO DECOR (INDIA), AL SAPPHIRE FAÇADE PVT. LTD., NITSON AND AMITSU, INTERNATIONAL GLAZING TECHNOLOGY, INDO-ALUSYS
56.	TEXTURED PAINT	ASIAN, BERGER, DULUX, OIKOS, ACRO, ULTRA TECK
57.	S.S. MATERIAL HANDRAILS RAILINGS	JINDAL STAINLESS STEEL LTD., KONCEPT, TATA STEEL
58.	WALL PUTTY	JK, BIRLA, ASIAN PAINT, BERGER PUTTY

59.	FLOOR HARDENER	PIDITOP 333 (NON – METALLIC) MANUFACTURED BY M/S PIDILITE INDUSTRIES LTD. BOMBAY , NITOTOP OF FOSROC , SIKA , FAIRMATE , BASF, CICO, SUNANDA
60.	POLYSULPHIDE SEALANT	ORDINARY PIDISEAL BY M/S PIDILITE INDUSTRIES LTD. BOMBAY, TUFFESEAL BY M/S HINDUSTAN BROTHERS 225 RUE FRANCUIS MARTIN, PONDICHERRY –605001, FAIRMATE, MASTERFLEX 700I OF BASF., SUNANDA
61.	POLYSULPHIDE SEALANT FOR PAVEMENTS	DR. FIXIT PIDISEAL PS43,FAIRMATE, BASF, SUNANDA
62.	SPECIALISED AGENCY FOR EXPANSION JOINT TREATMENT	BASF, M/S TECHNOCRATS, M/S TUFF WATERPROOFING CO.
63.	WATERPROOFING COMPOUND	FOSROC, DR. FIXIT, FAIRMATE, BASF, SIKA, ASAIN PAINT, TECHNINICOL
64.	ADMIXTURES	FOSROC, SIKA, MEPAL, KUNALCOM CHEM, CICO, ASIAN LABORATORIES, TECHNINICOL
65.	MS SECTIONS (PIPES, BOXES CHANNELS)	JINDAL HISAR, TATA, SURYA
66.	REFLECTIVE GLASS	SAINT GOBAIN, ASAHI (INDIA), PILKINGTON, SISCAM.
67.	LOOKING GLASS / MIRROR	ATUL, MODI GUARD, GOLDEN FISH
68.	HIGH PERFORMANCE SOLAR TOUGHENED GLASS	SAINT GOBAIN, ASAHI, PILKINGTON, SISCAM
69.	METAL / U-BAFFLE/ACOUSTICALCEILING/ OPEN CELL/ WOOD WOOL / TUBULAR CEILING	HUNTER DOUGLAS, ANOKON INDIA, KNAUF CEILING, SAS, ABSOUND OVESEAS, HARSONS GREEN.
70.	AAC BLOCK	INDO BHUTAN, AEROCON, BALLARPUR, JINDAL BLOCK, MODCRETE, B.D SHIRKE, J.K LAXMI, ACC
71.	AAC BLOCK ADHESIVE	ARDEX ENDURA/PIDILITE/WEBER, MAPEI, UNITED'S, ACC
72.	GRASS PAVER	PAVIT, UNISTONE, ULTRA TILES, NITCO, DURACRETE, DALAL
73.	HIGH PRESSURE LAMINATE PLY EXTERIOR GRADE	MERINO, FUNDERMAX, TRESPA, VERSITO, GREENLAM
74.	UPVC WINDOWS	FENESTA, ALUPLAST, VEKA, KOENMERLING, REHAU, DUROPLAST.
75.	EPDM MEMBRANE	FIRESTONE, STP, PIDILITE, ASIAN SMART CARE, DBS BUILDING PRODUCTS
76.	HARDWARE FOR DOOR SHUTTERS	DORMA, HAFELE, KICH, DORSET, HETTICH, OZONE, GEZE.
77.	SOLID ACRYLIC SURFACE	LG, GRANUM, SAMSUNG- STARON, DUPOINT, MERINO
78.	CONDUCTIVE VINYL FLOORING, DADO SKIRTING	FORBO, TARAKETT, RESPONSIVE, SUNANDA, VIBRANT FLOOR.
79.	CALCIUM SILICATE TILES FALSE CEILING	AEROLITE, ULTRALITE, RAMCO, HILUX BOARD, PROMAT
80.	FIRE CHECK DOOR	NAVAIR, PACIFIC, PROMAT, GMP, I-CLEAN, REBBON, SHAKTI MAT, SUKRI
81.	LEAD LINED DOOR	KINDLE, NAVAIR, PACIFIC, PROMAT, GMP, METAFLEX, RESPONSIVE, REBBON
82.	FIRE RESISTANT GLASS	SAINT GOBAIN CONTRAFLAM LITE, GLAVER BEL, SCHOTT

83.	DOOR FITTINGS HARDWARE FOR FIRE CHECK DOORS DOOR CLOSER, PANIC BAR, PANIC TRIM, HINGES, MORTICE DEAD LOCK, DOOR COORDINATER	DORMA, INGERSOLL RAND-BRITON, HETTICH, BECKER-FS, GEZE, LOCKWED SERIES
84.	PAINT AND PRIMER FOR FIRE CHECK DOOR.	VIPER, BERGER, FUEKEM, NULLIFIRE
85.	INTUMESCENT FIRE / SMOKESEAL	ASTRO FLAME, RAVEN, SEALZ, LORIENT
86.	CALCIUM SILICATE BOARD FOR FIRE DOOR	PROMOTECH, PROMINA, RAMCO/HILEX
87.	FRP DOOR & FRAMES	FIBREWAYS, JAISHREE, FIBRE TECHNO
88.	CEMENT BOARD/ BISON BOARD	EVEREST, NCL
89.	INSULATION	UP TWIGA, LLOYD, ROXUL ROCKWOOL, ROCKWOOLINDIA
90.	UNDERDECK INSULATION	UP TWIGA, LLOYD, ROXUL INSUBOARD
91.	GRAPHIC FILM	3M, PAPPERLAM, AVERY DENNISON
92.	GRC/FRP	DALAL GRC, UNISTONE, KFPL
93.	PLASTER OF PARIS	JK, BIRLA, SAKARNI
94.	MR BOARD	SAINT GOBAIN, USG BORAL, KNAUF CEILING
95.	MINERAL FIBRE ACOUSTICAL SUSPENDED CEILING SYSTEM	SAINT GOBAIN, ANOKON INDIA, KNAUF CEILING, ANUTONE, ABSOUND OVESEAS
96.	CURTAIN TRACK AND CURTAIN FABRIC	WINDOWTECH, DECOREX, DHEERAJ CRAFT, RS SALES, MEDFRESHE, RESPONSIVE
97.	READY MIX BUILD FAST AND ECO-FRIENDLY WET MIX PRE-POLYMERIZED / POLYMER MODIFIED ADHESIVE	CICO, ULTRATECH, MAGICRETE, FAIRMATE, BALL ENDURA, ASIAN LABOORATORIES, MAPAI
98.	ANTI BACTERIAL AND ANTI SKID VITRIFIED TILES	SOMANY, KAJARIA, AGL, VARMORA, RESTILE, RAK, JOHANSON.
99.	POLYCARBONATE SHEET	DANPALON, SOLALITE, DPI SYSTEM, EVERLITE, CPI
100.	PUFF INSULATED PANEL	LLOYD INSULATION /JINDAL/ METECNO/SYNERGY
101.	GI PIPES	TATA , JINDAL(Hissar), SURYA
102.	CPVC PIPES	ASTRAL, PRINCE, SFMC
103.	HDPE PIPES	SUPREME, FINOLEX, ASTRAL
104.	CC (SPUN) IRON PIPE	NECO, SKF, HIF, RPMF
105.	CCI SOIL, WASTE, VENT PIPES & FITTINGS	NECO, SKF, HIF, RPMF
106.	SS SINK	NILKANTH, NIRALI, PARRYWARE
107.	SS RAILING FITTINGS	DORMA, KICH, KONCEPT, HARDWYN
108.	SS PIPE & FITTINGS	ALFA, JINDAL, VEGA
109.	WATER BASED MELAMINE POLISH	ASIAN, PIDILITE, DULUX, BERGER
110.	TAC TILE	JOHNSON, KAJARIA, ORIENT BELL
111.	GLASS MOSAIC TILE	ITALIA, CORAL
112.	WEATHER SILICON SEALANT	WACKER, MCCOY, DOW CORNING
113.	BACKER ROD	SUPREME/SYSTRANS
114.	FRAME SYSTEM FOR INTERNAL PARTITION	BOROL/GYPROC

115.	WC CUBICLES	MERINO, T-LINE, GREENLAM
116.	EXTRUDED POLYSTYRENE SHEET	SUPREME, DOW CORNING, TEXAS
117.	SELF LEVELLING COMPOUND	MAPAI, ARDEX ENDURA, BIZZAR
118.	FLY ASH BRICKS	POWERBRICKS, PAUBHARA, YBW, KK
119.	METAL DECK SHEET	A-ONE INDUSTRIES, LLOYDS, JINDAL, SPS BUILDING SOLUTIONS.
120.	SILICONE BASED WATER REPELLENT	PIDILITE, UNITED, TECHNONICOL, MYK LATICRETE
121.	HIGH TENSILE STRANDS	TATA WIRON, USHA MARTIN
122.	ALUMINUM HONEYCOMB PANEL	ALUDECOR, HUNTERDOUGLAS, RENOBOND, ALUCOBOND
123.	FURNITURE	GODREJ, HNI (BP ERGO), GEEKEN, WIPRO, FEATHERLITE,
127.	CHINAWARE	HINDWARE, CERA , KOHLER , JAQUAR, ROCA
128.	SANITARY CP FITTINGS AND ACCESSORIES	HINDWARE / CERA / KOHLER/ JAQUAR / ROCA

Schedule of Quantity

Name of Work: - Day to day misc. Repairing works at NLUD During 2025-26.

S. No	Description	Qty.	Unit	Rate (In Rs.)	Amount in Rs.
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	4	Cum		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	5	Cum		
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 (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	5	Cum		
4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	5	Cum		
5	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. Granite stone slab of colour black, Cherry/Ruby red Area of slab upto 0.50 sqm	5	Sqm		
6	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc.	20	Sqm		

	complete at all levels.Granite stone slab of colour black, Cherry/Ruby red Area of slab upto 0.50 sqm				
7	Stone work (machine Cut edges) for wall lining etc. (veneer work) upto 10 metre height, backing filled with a grout of average 12 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade: (To be secured to the backing and the sides by means of cramps and pins which shall be paid for separately) :Red sand stone - Exposed face machine cut and table rubbed with rough backing.40 mm thick	20	Sqm		
8	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	500	Kg		
9	Welding by gas or electric plant including transportation of plant at site etc. Complete	5000	Cm		
10	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	200	kg		
11	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete.Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides.	40	Sqm		
12	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).Dark shade pigment using ordinary cement	35	Sqm		
13	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm,	200	Sqm		

	including pointing in white cement mixed with pigment of matching shade complete.				
14	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, levelling system and rubber mallet for placing the tiles gently and easily. Glazed vitrified floor tiles polished finish of size Size of Tile 600 x 1200 mm	65	Sqm		
15	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :In 75x75 mm deep chase	300	Metre		
16	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws	50	Sqm		

	of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :12.5 mm thick tapered edge Glass Reinforced Gypsum (GRG) board conforming to IS: 2095- (Part 3):1996 (Boards with BIS certification marks)				
17	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	20	Each		
18	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge.	20	Each		
19	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	200	Sqm		
20	15 mm cement plaster on rough side of single or half brick wall of mix:1:4 (1 cement: 4 coarse sand)	250	Sqm		
21	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gram/litre, of approved manufacturer, of required shade and colour all complete: New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	500	Sqm		
22	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work	200	Sqm		
23	Distempering with 1st quality acrylic distemper (ready mixed) having VOC (Volatile Organic Compound) content less than 50 gram/ litre, of approved brand and of required said and colour	2000	Sqm		

	complete to give and even said.Old work (one or more coats)				
24	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.One coat	1000	Sqm		
25	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: One or more coats on old work	1000	Sqm		
26	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade Old work. (Two or more coats applied @ 1.43 ltr/10 sqm) over existing cement paint surface.	1000	Sqm		
27	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade Old work (one or more coats applied @ 0.83 ltr/10 sqm)	500	Sqm		
28	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.With cement mortar 1:4 (1 cement : 4 fine sand)	500	Sqm		
29	Renewing glass panes and refixing existing wooden fillets: Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	50	Sqm		
30	Renewal of old putty of glass panes (length)	50	Metre		
31	Providing and fixing 25 mm thick shutters for cup board etc. : Ist class teak wood including nickel plated bright finished M.S. piano hinges with necessary screws.	30	Sqm		
32	Varnishing with varnish of approved brand and manufacture:	500	Sqm		
33	Re-lettering with black Japan paint of approved brand and per letter manufacture.	2000	Per letter per cm height		
34	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	750	Sqm		
35	Providing and fixing 150 mm bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete	20	Each		
36	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	750	Sqm		

	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 judicially, necessary deduction for scaffolding in the existing item to be done.				
37	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account)	31000	Liter		
38	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.	100	Each		
39	Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:- Tank shall be emptied of water by pumping & bottom shall be cleaned of silt and other deposits. Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. (iii) Chlorination of RCC internal surface by liquid chlorine. The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-Charge.	585	Sqm		
40	Disposal of building rubbish / malba / similar	100	Cum		

	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 SO m initial lead, for all leads including all lifts involved.				
41	Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of aildirt, scales, oil, grease and other foreign material etc. and lining out complete. Old work (One or more coats)	100	Sqm		
42	Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level whiteP.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings andfixtures complete, including cutting and making good the walls andfloors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	10	Each		
43	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete: White solid plastic seat with lid	20	Each		
44	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	20	Each		
45	Providing and fixing toilet paper holder: C.P. Brass	20	Each		
46	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 65 mm nominal dia Pipes	60	Metre		
47	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work 80 mm nominal dia Pipes	50	Metre		
48	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	50	Each		
49	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	50	Each		

50	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	100	Each		
51	Providing and fixing double action hydraulic floor spring of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg, for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete as per the direction of Engineer-in-charge. With brass cover plate minimum 1.25 mm thickness	25	Each		
52	Providing and fixing 12mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer in charge (Door handle, lock and stopper etc. to be paid separately)	20	Sqm		
53	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge 25 mm average thickness	100	Sqm		
54	Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry, all complete as per direction of Engineer-In-Charge. Bars upto 12 mm diameter	1000	Metre		
55	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect. SBR Polymer (@10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer	100	Sqm		
56	Providing, mixing and applying SBR polymer of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt, of cement used)	100	Sqm		

	as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm2).25 mm average thickness in 2 layers.				
57	Providing and fixing hard drawn steel wire fabric of size 75 x25 mm mesh or other suitable size wire mesh to be fixed & firmly anchored to the concrete surface by means of "L" shaped mild steel shear key welded with existing reinforcement including the cost of materials, labour, tool & plants as approved by Engineer-in-charge.	100	Sqm		
58	Providing and Fixing in canteen WPC fluted panels on walls outside washroom area stone complete in all respect as per directions of Engineer-in-Charge.	200.00	Sqm		
59	Repairing of fall ceiling by providing gypsum board and other required accessories wherever required as per directions of Engineer-in-Charge.	50.00	Sqm		
60	Providing & fixing wall lining with PVC panel of approved quality and specifications as per directions of Engineer-in-Charge.	220.00	Sqm		
	Total				

The Registrar
National Law University, Delhi