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ITEM RATE E-TENDER AND CONTRACT

NIT/ TENDER NO.:- NCPUL/RENOVATION/02/2024-25

NAME OF WORK:- Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi.

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PART-I
TECHNICAL BID

National Council for Promotion of Urdu Language

Ministry of Education, Department of Higher Education
Govt. of India

NOTICE INVITING E-TENDERS: (NIT)

National Council for Promotion of Urdu Language (NCPUL), New Delhi invites online Item Rate Bids on two stages (Two -Bid-Systems) for the prescribed tender from the reputed eligibility registered experienced contractors for repair, renovation and maintenance work of office building Jasola, New Delhi.

The details are summarized in below table.

1.	Name of Work	Repair, Renovation and Maintenance of Building-National Council for Promotion of Urdu Language at Institutional Area, Jasola, New Delhi-110025
2.	Estimated Cost	Rs. 30.81 Lacs
3.	Earnest Money Deposit (EMD) Interest free	Rs. 61600/- (Rs. Sixty one thousand six hundred only)
4.	Security Deposit	5% of contract value
5.	Performance Guarantee	5% of contract value
6.	Time Allowed	90 (Ninety) Days
7.	Tender No	NCPUL/RENOVATION/02/2024-25
8.	Technical Bid	The detail of Technical Bid is shown at Page -2 to 89 of tender documents.
9.	Financial Bid	The detail of Financial Bid is shown at Page -90 to103 of tender documents.
10.	Availability of Tender Document	Tender documents may be downloaded from CPP portal (https://eprocure.gov.in/eprocure/app) or NCPUL Website https://www.urducouncil.nic.in from 28.10.2024 to 20.11.2024 upto 3:30PM as given in bid document.
11.	Cost of Tender Document	Rs.500/- (nonrefundable)
12.	Bid Submission	Bid can be submitted only online at CPP Portal https://eprocure.gov.in/eprocure/app on or before 20.11.2024 upto 3:30PM.
13.	Date of downloading and evaluation of Technical Bid	The technical bid shall be downloaded on 22.11.2024 at 10:30AM and evaluated by a committee on 25.11.2024 at 3:00PM in the presence of bidders.
14.	Date of opening of Financial Bid	Date of opening of Financial Bid will be intimated to the technically qualified bidders.

Director,
NCPUL

Tender No. NCPUL/RENOVATION/02/2024-25

NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE

Farogh-eUrdu Bhwana, FC-33/9, Jasola Institutional Area, New Delhi -110025

Teph No. 011-49539000 Extn : 105 Fax No. 49539099

Website: <http://www.urducouncil.nic.in>

1. Online Technical & Financial bids are invited on prescribed tender through CPP Portal (www.eprocure.gov.in) from the reputed registered experience contractor for Repair, Renovation and Maintenance in office Building of National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi.-110025.
2. The tender form for the above work can be downloaded from CPP Portal (www.eprocure.gov.in) or from NCPUL website (www.urducouncil.nic.in) from **28.10.2024 to 20.11.2024 upto 03:30 p.m** as per the schedule given in CRITICAL DATE SHEET below:

CRITICAL DATE SHEET

Published Date	28.10.2024
Bid documents down load start date	28.10.2024 3:00PM
Bid Submission start date	28.10.2024 3:00PM
Bid Submission End date by bidders on CPP Portal	20.11.2024 3:30PM
Date for download of Technical Bid documents from CPP portal by NCPUL	22.11.2024 10:30AM
Evaluations of technical Bids by technical Evaluations committee	25.11.2024 3:00PM
Venue of Bid Opening	NCPUL Head Office, FC-33/9, Institutional Area, Jasola, New Delhi-110025
Opening of Financial Bid	Date of opening of financial bid will be intimated to technically qualified bidders accordingly

INSTRUCTIONS FOR ONLINE BID SUBMISSION:

No manual bids shall be accepted.

Bids can be submitted only online on or before **03:30 pm on 20.11.2024** at CPPP website: <https://eprocure.gov.in/eprocure/app>.

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

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

Registration:

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

Searching for the Tender Documents:

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

Preparation of Bids:

10. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
11. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

12. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
13. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

Submission of Bids:

14. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
15. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
16. If security deposit is to be paid through DD, Bidder has to select the payment option as "Offline" to pay the tender fee / security deposit, as applicable and enter details of the instrument. Bidder should prepare the EMD as per the instructions specified in the tender document. The original DD / proof of RTGS (for EMD) should be received by the NCPUL, latest by the last date of bid submission. The details of the DD should match with the details available in the scanned copy and the data entered during bid submission time, otherwise the uploaded bid will be rejected.
17. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
18. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids, etc. The bidders should follow this time during bid submission.
19. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further, this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

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

Assistance to Bidders:

23. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person. For bidding documents may contact, Mrs. Neelam Rani, JAAO, First Floor, NCPUL, FC33/9, Institutional Area, Jasola, New Delhi – 110025.
24. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk Number 0120-4200462, 4001002, 4001005 Mobile No. 8826246593.
25. Intending tenderers are advised to visit again NCPUL website www.urducouncil.nic.in and CPPP website <https://eprocure.gov.in/eprocure/app> at-least 3 days prior to closing date of submission of tender for any corrigendum / addendum/ amendment.
26. The Hard Copy of the following documents must be submitted to the Director, NCPUL, FC-33/9, Institutional Area, Jasola, New Delhi-110025 on or before the last date of the Bid Submission, as mentioned in Critical Date Sheet. In case of non-submission of any of the following documents, against the submitted bid, the bid shall be rejected and no correspondence in this regard shall be entertained:-
 - a. Original DD / proof of RTGS, in respect of payment of EMD/Tender cost.

Special Instruction:

27. Bidders are requested to note that they should necessarily submit their financial bids in the provided two formats i.e. Annexure-1 (Schedule of Quantity i.e. BoQ) and Annexure-2 (PDF for rates only) and no other format is acceptable.
28. Annexure-1 (Schedule of Quantity i.e. BoQ): The price bid has been given as a standard BoQ format with the tender document. The same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details.
29. Annexure-2 (PDF for rates only): The same is to be downloaded from the Financial Bid folder. Bidders are to upload it in PDF format only duly signed and stamped.
30. Note: Bidders are to submit their financial proposal in both the formats (BoQ and PDF) as per instructions given above, failing which their bids will be liable to be rejected.

Rates of the items mentioned in Annexure-2 will not affect BoQ i.e. “Financial Bid”. However, the quoted rates in Annexure-2 by bidder can be used in case of need during execution of work. Bidders are to download Annexure-2 and upload PDF of the same after quoting rates of the items shown in it.

**INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING FORMING
PART OF BID DOCUMENT**

1. **Online Item rates tenders through E- tendering Process** are invited by National Council for Promotion of Urdu Language From the eligible firms / contractors of repute for the following work.
2. **Name of Work:- Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi-110025.**
 - i) **Estimated Cost:-** Rs. 30.81 Lacs
 - ii) **Period of Completion:-** 90 DAYS
 - iii) **Earnest Money: -** RS. 61600/-
 - iv) **Cost of Tender :-** Rs. 500/- (non-refundable)
3. Joint Ventures are not accepted.
4. The enlistment of the Contractors should be valid on the last date of submission of tenders. Incase only the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tender. Contractors who fulfill the following requirement shall be Eligible to apply.
 - a) Should be registered contractor (B&R) of CPWD/PWD/MES/Railways/BSNL or any other Govt, department. in support of this, the contractor shall submit a copy of valid certificate / letter towards registration issued by the concerned Department.
 - b) Should be in Civil Engineering business for a minimum period of **seven years ending March 2024** and should have satisfactorily completed the woks as mentioned below.
Three similar works each costing not less than Rs. 13.00 Lakhs
OR
Two similar works each costing not less than Rs.19.00 Lakhs
OR
One similar work costing not less than Rs. 25.00 Lakhs

In support of this, the contractor shall submit certificates from an officer of rank of Executive Engineer or equivalent or above as performa on annexure B&C).

Similar' works for this clause means 'Repair, Renovation & Maintenance Works' completed upto ending March 2024
5. Should have had an average annual financial turnover of Rs. **35.00** lakhs during the last three financial years up to ending March 2024 (ie. Fy 2021-22,2022-23 and 2023-24) to be obtained from CA.
6. Should have a solvency of Rs. **20.00 lakhs**. In support of this, the Contractor shall submit a copy of Solvency Certificate issued from the Bank where the bidder is maintaining account normally.

7. Should not have incurred any loss (profit, after Tax, should be positive) in more than one year during last three years ending March 2024. ie. FY 2021-22, 2022-23 and 2023-24. A copy of last three financial years, Profit & Loss statement and relevant audited Balance Sheets issued by C.A. and should be uploaded with the Bid.
8. **Earnest Money Rs.61600/-** deposited online (through ECS/ NEFT) or in form of in the form of insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt (FDR), Bankers cheque or Bank Guarantee (as prescribed from any of the Commercial Bank) drawn in **favour of Director National Council for Promotion of Urdu Language**, shall be scanned and uploaded to the e-tendering website as mentioned bid document within the period of bid submission. The original EMD should be deposited in the office of National Council for Promotion of Urdu Language. The EMD Receiving office shall issue receipt of deposition of earnest money deposit to bidder in a prescribed format (as given on Annexure -D)
9. **The cost of tender documents of Rs. 500/- (Rs. Five hundred only)** non refundable deposited online(through ECS/ NEFT) or in form of account payee Demand Draft drawn in favour of Director NCPUL, New Delhi .shall be scanned and uploaded e-Tendering website within the Time & Date of bid submission. The original demand draft (DD) should also be deposited in the office of NCPUL, Jasola, New Delhi within the period of Bid submission. The demand draft receiving office (NCPUL) shall issue a receipt of deposition of DD (related to cost of tender document) to the bidder in a prescribed format **(as given Annexure - J)**.
10. The scanned copies the following Tender document to be uploaded in two parts namely Part-I (Technical Bid) & Part-II (Financial Bid).

i)	Valid registration certificate of agency issued by the appropriate authority.(it may be CPWD/PWD/MES/Railway/BSNL or any govt. Department)
ii)	Copy of valid GST Registration Certificate of the agency issued by concerned department.
iii)	Experience:- The contractor must have successfully executed/completed similar nature of works during last seven years upto ending march 2024
iv)	Copy of PAN Card issued by the Income Tax department.
v)	Income tax return for the last three financial years ie.FY 2021-22 ,2022-23 & 2023-24. If income tax return of financial year 2023-24 is not filed due to any reason indicate the same and ITR for the financial year 2020-21 will be considered.
vi)	Earnest money deposit (EMD) :- scanned copy of original EMD in form of insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt (FDR), Bankers cheque or Bank Guarantee or proof of online (through ECS/NEFT) payment receipt all in favour of Director, NCPUL
vii)	The cost of tender documents:- scanned copy of original Demand Draft or online (through ECS/NEFT) payment receipt all in favour of Director, NCPUL
viii)	Solvency certificate of Rs.20 Lacs issued by bank.
ix)	Average Annual financial turnover of Rs. 35.00 Lakh for the last three financial years ending March 2024 issued by CA
x)	Profit & Loss statement during last three financial years ending March 2024 issued by CA
xi)	Copy of valid applicable labour licence, Registration of Labour licence with EPFO, ESIC or an undertaking that he /they will get themselves registered under contract labour (Registration and abolition) Act 1970 and BOCW Act 1996
xii)	An undertaking that agency has not been blacklisted by any Government Department/Autonomous bodies during last three years as on the date of submission of the bid.
xiii)	Any other documents as specified in the Tender document.

11. **Address for communication, Mobile cell no, e-mail address etc. duly signed by the intending bidder.**

12. The completed tender document (ie. Technical Bid & Financial Bid) along with scanned copy of DD on account of tender documents cost and EMD(in any form as mentioned in tender) or proof of online payment and other documents will be submitted online on or before bid submission period as mentioned in critical date sheet.
13. The Technical Bid will be opened by the authorised official and evaluated by the committee constituted by competent authority in presence of the tenderers or their authorized representatives on the date and time as mention in tender document and opening of Financial Bid will intimated after evaluations to the technically qualified bidder
14. The contractor whose bid is accepted will be required to furnish either copy of applicable licences, registrations **or** proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. **Within seven days from issue of letter of intent.**
15. **The lowest successful bidder will have to submit self-attested and stamped hard copy downloaded of the entire tender documents the office of National Council for Promotion of Urdu Language New Delhi within seven days of opining of tender.**
16. Tenderers, if not deposit original EMD and DD on account of tender cost as mentioned in tender documents or proof of online payment through NEFT/ RTGS in the office of NCPUL well before the bid submission date and time as mentioned in critical date sheet, the bid shall be summarily rejected.
17. National Council for Promotion of Urdu Language reserves the right to reject any or all the tenders without assigning any reason and will not be bound to accept the lowest or any other tender or to give any reason for such decision.
18. Agreement shall be drawn with the successful tenderer on prescribed Form.
19. **The time allowed for carrying out the work will be 90 days from the date of start of work as defined in tender document.**
20. **The site shall be made available in parts for the work.**
21. **The bidder should visit the site before participating in bidding process and acquaint himself of the site condition on any working day between 11:00AM to 5:00PM .**
22. The bid document consisting of list of works to be executed, specifications, the schedule of quantities of the various type of item 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 as mentioned in notice inviting Tender.**
23. The contractor whose bid is accepted will require to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in tender document **as Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt (FDR), Bankers cheque or Bank Guarantee (as prescribed from any of the Commercial Bank).** In case the contractor fails to deposit the said performance guarantee within the period as prescribed in tender document including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.
24. The competent authority of NCPUL reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

- 25. The tender for the work shall remain open for acceptance for a period of 75 Days from the date of opening of technical/eligibility Bid.**
- i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days **after last date of submission of bid**, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely **irrespective of letter of acceptance for the work is issued or not.**
 - ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days **after last date of submission of bids**, then the Government / NCPUL shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely **irrespective of letter of acceptance for the work is issued or not.**
- 26.** This notice inviting tender, shall form a part of the contract document. The successful Tenderer / Contractor, on acceptance of his tender by the Accepting Authority, shall within 15 days from the issue of Lol, sign the contract document.
- 27.** The contractor shall quote his rates keeping in mind the specifications; terms & conditions, particular specifications and special conditions etc. and nothing shall be payable extra whatsoever unless otherwise specified. If the tenderer does not quote the rate for any item, leaving the space blank, whatsoever, it will be presumed that the tenderer has loaded the cost of this/ these item(s) on other item(s), and he will execute this /these items at zero cost, and the tender will be evaluated accordingly
- 28.** No running account bill or any payment shall be made for the work till applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the competent authority of NCPUL.
- 29.** All tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any are liable to be rejected.
- 30.** The conditional tender will not be accepted
- 31.** In case of any difference / ambiguity between English & Hindi versions, English version shall prevail.
- 32.** Submission of a tender by a tenderer implies that he has read the tender inviting notice, critical date sheet and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions local conditions and other factors bearing on the execution of the works.
- 33.** Tender may be available on NCPUL's website www.urducouncil.nic.in and CPP Portal <https://eprocure.gov.in/eprocure/app> which can be downloaded and uploaded along with tender documents. CPP Portal <https://eprocure.gov.in/eprocure/app>)
- 34.** All rates shall be quoted in BOQ of tender form in figures as well as words also.
- 35.** Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the

accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or effect their tender. A tenderer shall be deemed to have full knowledge of the site, whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

- 36.** In case of item rate tenders, only rates quoted shall be considered. Any tender containing percentage below/above the rates quoted is liable to be rejected.
- 37.** The tender for the Works shall not be witnessed by a contractor or contractors who himself/themselves has/have tendered or who may and has/have tendered for the same works. Failure to observe this condition shall render the tender of the contractor tendering as well as of those witnessing the tender liable to rejection.
- 38.** The tender shall be accompanied by earnest money of **Rs. 61600/-** The earnest money may be paid in any one of the following forms :-
- (a) A demand draft drawn in favour of National Council for Promotion of Urdu Language
 - (b) A bank guarantee endorsed in favour of Director, National Council for Promotion of Urdu Language as per Performa.
 - (c) A fixed deposit (FDR), insurance Surety Bonds, banker cheque drawn in favour of NCPUL.
 - (d) Online (through ECS/ NEFT) in favour of Director, NCPUL :

Account Name	Director NCPUL
Account No.	912010028886515
Bank Name and Branch	Axis Bank, Jasola New Delhi-25
IFSC	UTIB0001148

- 39.** On acceptance of tender earnest money will be treated as part of the security deposit.
- 40.** NCPUL shall return the earnest money where applicable, to every unsuccessful tenderer.
- 41.** A tenderer shall submit the tender which satisfies each and every condition laid down in tender notice and other tender documents, failing which the tender will be liable to be rejected.
- 42.** **The contractor shall quote all rates of material and labour including GST and other taxes etc in respect of this contract and the NCPUL will not entertain any claim whatsoever in this respect.**
- 43.** Tenderer is advised to check and ensure completion of all pages of tender documents and report any discrepancy for corrective action to the issuing authority before the bids are submitted. Original copy of the tender documents complete in all respect must be submitted back as part of the bid without which the same is liable to be rejected by National Council for Promotion of Urdu Language.

CHECKLIST

NOTE:- Tenderers are requested to fill in the following details and no column should be left blank.

1.	Name and address of tenderer	
2.	Name of principal representative	
3.	Contact No. Residential Telephone Mobile	
4.	Tenderer's proposal No. & date	
5.	Whether filled up the Annexures	(Y/N)
a)	Annexure – A – Financial Viability	
b)	Annexure – B – Details of Experience	
c)	Annexure – C – Performance Report	
d)	Annexure – D – Receipt of Deposition of original EMD	
e)	Annexure – E – Monthly Manpower	
f)	Annexure – F– Monthly Progress Plan	
g	Annexure – G – (A) Status of tool & Plants (B) Monthly T&P Deployment plan	
h	Annexure – H– Activity Plan	
i	Annexure – I– Analysis of Unit Rate for Extra Item	
j	Annexure –J- Deposition of DD on Account of cost of Tender Document	
6.	Enclosures:	(Y/N)
a)	Details about the constitution of the Firm.	
b)	Power of Attorney	
c)	Profit & Loss statement and relevant audited balance sheets for last five years.	
d)	Bankers solvency certificates	
e)	Average annual financial turnover	
f)	Certificate in support of Annexure – B	
g)	Activity Chart as per proforma in Annexure – H	
h)	Covering letter	
i)	EMD	
j)	Valid GST registration certificate	
k)	Pan Card	
l)	Valid registration certificate issued by concerned department	
m)	Cost of Tender Document	
7.	Others	

DECLARATION

I / we _____ hereby certify that, we have inspected the site and are fully aware of the scope of work, site conditions that all the information and data furnished and data furnished by me with regard to this Tender No. NCPUL /----- are true and complete to the best of my knowledge. I have gone through the specification conditions and stipulations in detail and agree to comply with the requirements and intent of specification. I, further certify that I am the duly authorized representative of the under mentioned tenderer and a valid power of attorney to this effect is also enclosed.

Tenderer's Name & Address

Authorized representative' signature
with name and address.

The Director

Date _____

National Council for Promotion of Urdu Language
Farogh-e-Urdu Bhawan, FC – 33/9, Institutional Area,
Jasola, New Delhi - 110025

Subject:- Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi-25

Dear Sir,

I / We hereby tender for the execution of the work specified in the underwritten memorandum within the time specified in such memorandum at the rates specific therein, and in accordance in all respects with the specifications, design, drawings and instructions in writing referred to Clauses of the conditions of Contract and with such materials as are provided for, by and in all respects in accordance with terms and conditions stipulated herein.

MEMORANDUM

- | | | |
|-----|-------------------------------------|--|
| a) | Description of Work:- | Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi-110025. |
| b) | Earnest Money | : Rs. 61600/- |
| c) | Security Deposit | : 5% of the Contract Amount |
| d) | Performance Guarantee | : 5% of the Contract Amount |
| e) | Time Allowed for Completion | : 90 Days from dt. of issue of Letter of Intent (LOI). |
| f) | Commencement of Work | : Within 7 days of issue of Letter of Intent. |
| g). | Nature of Work | : Item rate tender for Repair, Renovation and Maintenance of Building works including civil, electrical, plumbing, drainage, water proofing, and other allied works. |
| g). | Signing of Agreement | : Within 15 days of LOI |
| h) | Penalty for Non- Completion of work | : As per General Condition of Contract. |
| i) | Limit of variation | : $\pm 50\%$ |
| j) | Defect Liability Period | : 1 Year after the date of Completion Certificate |
| k) | Labour cess | : As per prevailing rate from each bill. |
| l) | Taxes | : As per prevailing Govt. rates. |

Should this tender be accepted, in whole or in part, I / We hereby agree (i) to abide and fulfill all the terms and provisions of the said conditions annexed hereto and all the terms and provisions contained in notice inviting tenders so far as applicable, and or in default thereto to forfeit and pay to the employer, the sum of money mentioned in the said conditions. A sum of **Rs. 61600/-** is deposited online in favour Director NCPUL, or forwarded in the form of crossed Bank DD /BG as earnest money. If I / We fail to commence the work specified in the above memorandum, I / We agree that the Employer shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money be retained by him towards Security Deposit mentioned against clause (c) of the above mentioned Memorandum; (ii) to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, at the rates quoted in the tender documents for respective items for work.

Dated the _____ day of _____ 2024

Signature _____ in the capacity of _____

duly authorized to sign tenders for and on behalf of _____

(IN BLOCK LETTERS)

Witness _____ Address _____

Address _____

Occupation _____

Signature of Contractor upon submission of tenders

Signature of Witness to Contractor's Signature

Certified that instructions to tenderers have been complied / adhered to and each page of the tender offer has been initialed.

(Signature of Tenderer)

 Name & Designation of
 Authorised Person signing the
 Tender on behalf of the tenderer

SPECIAL CONDITIONS OF CONTRACT

The following conditions shall supersede any relevant clause/conditions mentioned elsewhere in this contract/tender documents

Introduction: - The proposed work of Repair, Renovation and Maintenance of Building Addition, Alteration & Maintenance works of office of National Council for Promotion of Urdu Language at Farogh-e-Urdu Bhawan, FC-33/9, Jasola New Delhi

- 1-0 Repair, Renovation and Maintenance of Building works of office of National Council for Promotion of Urdu Language at Farogh-e-Urdu Bhawan, FC-33/9, Jasola New Delhi is a time bound work of a office interiors with allied works.
- 2-0 **Scope of work:** - It involves civil, electrical, mechanical sanitary, plumbing, drainage, interior and other allied works.
- 3-0 **Time Schedule:** - Every Tenderer must submit a detailed activity chart, which he wishes to undertake to complete the project in **90 days** time.
- 4-0 **Water & Power:** - The contractor will have to make his own arrangement of water & electric power, at his own cost, required for execution of the work.
- 5-0 **Advance & Payment:** - No mobilisation, secured material/equipment advance and payment towards escalation of rates/amount on account of any reason shall be payable.
- 6-0 **Specifications:** - Latest CPWD specifications are to be followed as far as these are available.
- 7-0 Tenderer will make own arrangement for safe storage of their material. In view of other agencies working no exclusive premises can be allotted
- 8-0 The Tenderer must have Financial and Technical expertise to complete the work essentially in the given time frame.
- 9-0 The Tenderer must visit the site before submission of bid documents and apprise himself of the ground situation and no claim on this account shall be entertained by the department.
- 10-0 Logistics of the place are to be duly weighed as the place has movement restrictions.
- 11-0 GST shall means goods and service tax contract, state and interstate.

GENERAL RULES & DIRECTIONS:

1. This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited online with the tender as prescribed in tender document and the amount of the security deposit to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. Copies of the specifications, designs, and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorising him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.
4. Any person who submits a tender shall fill up the usual printed form, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other condition of any sort including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer clearly mentioned.
5. The rate (s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and considering more than fifty paise as rupee one.
6. The officer inviting tender or his duly authorised assistant will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amounts of the several tenders in a comparative statement in suitable form. In the event of a tender being accepted, a receipt for the earnest money forwarded therewith shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule-I. In the event of a tender being rejected, the earnest money forwarded with such unaccepted tender shall thereupon be returned to the contractor remitting the same, without any interest, on making a formal request.
7. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.

8. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgment or payment to the officer inviting tender and the contractors shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorized Cashier.
9. The memorandum of work tendered for and the schedule of materials to be supplied by the owner and their issue-rates shall be filled and completed in the office of the officer inviting tender before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender.
10. The tenderers shall sign a declaration under the official Secret Act, 1923, for maintaining secrecy of the tender document drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them.
11. In the case of Item Rate Tenders, only rates quoted shall be considered. Any tender containing percentage below/ above the rates quoted is liable to be rejected. Rates quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates that correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount.
12. In the case of any tender where unit rate of any item/items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation such a tender is liable to be disqualified and rejected.
13. All rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount should be written before the figure of rupees and word 'P' after the figures, the word ' ₹ . ' Should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15P' and in case of words, the word, 'Rupees' should precede and the word ' Paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only' it should invariably be upto two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.
14. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.

15. **GST, purchase tax, turnover tax or any other tax on material and Labour in respect of this contract shall be payable by the Contractor and NCPUL will not entertain any claim whatsoever in respect of the same.**
16. The contractor shall give a list of both gazetted and non-gazetted NCPUL employees related to him in the owner organization.
17. The tender for the work shall not be witnessed by a contractor or contractor who himself/themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection.
18. The tender for composite work includes in addition to building work all other works such as civil, sanitary and water supply installations drainage installation, electrical work, horticulture work, roads and paths etc. the tenderer apart from being contractor (B & R) of appropriate class, must associate himself with agencies of appropriate class which are eligible to tender for sanitary and water supply drainage, electrical and horticulture works in the composite tender.
19. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued thereunder from time to time. If he fails to do so, his failure will be a breach of the contract and the Engineer may in his discretion without prejudice to any other right to remedy available in law cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

GENERAL CONDITIONS OF CONTRACT:

- 1.0 **Definitions:** The following terms and expressions shall have the meaning hereby assigned to them except where the context otherwise requires.
- 1.1 **Employer / Principal Employer / Owner:** Will mean the officer in administrative charge of the contracting unit of NCPUL, Jasola, New Delhi-25
- 1.2 **Architect:** will mean authorised Architect of Architect Collaborative, C-1/44, Safadarjung Development Area, New Delhi-16, Ph: 26516779.
- 1.3 **Engineer-In-charge:** will mean the authorized civil engineer, representative of NCPUL working in co-ordination with the Architect for supervision of the contract work or the Architect as the case may be.
- 1.4 **Accepting Authority:** will mean the Director, NCPUL who will be Officer Inviting / accepting the tender and operation of the contract.
- 1.5 **Competent Authority:** will mean the Director / Chairman of NCPUL.
- 1.6 **Director** shall mean the Officer in Administrative charge of the contracting unit of NCPUL.
- 1.7 **'Site'** shall mean the place or places at which the plants / equipment's are to be erected and services are to be performed as per the specifications of this tender.
- 1.8 **'Contractor'** shall mean the individual, firm or company who enters into contract with the owner and shall include their executors, administrators, administrators, and successors and permitted assigns.
- 1.9 **'Contract' Or 'Contract Document'** shall mean and include the agreement, the work order, the accepted appendices of rates, Schedules of Quantities, if any, General Conditions of Contract, Special Conditions of contract, instructions to Tenderers, the drawings, the technical specifications, the special specifications, if any, the tender documents and the Letter of Intent / Acceptance letter issued by the owner. Any conditions or terms stipulated by the tenderer in the tender documents or subsequent letters shall not form part of the Contract unless specifically accepted in writing by NCPUL in the Letter of Intent and incorporated in the Agreement.
- 1.10 **'General Conditions Of Contract'** shall mean the 'Instructions to Tenderers' and 'General Conditions of Contract' pertaining to the work detailed.
- 1.11 **'Tender Specifications'** shall mean the Special Conditions, Technical Specifications, appendices, Site information and drawings pertaining to the work for which the tenderers are required to submit their offer.

- 1.12 **'Tender Documents'** shall mean the General Conditions of Contract Tender Specifications.
- 1.13 **'Letter Of Intent'** shall mean the intimation by a letter / email etc. to the tenderer that the tender has been accepted in accordance with provisions contained in the letter. The responsibility of the contractor commences from the date of issue of this letter and all the terms and conditions of contract are applicable from this date.
- 1.14 **'Completion Time'** shall mean the period by date specified in the Letter of Intent. The time allowed for completion of the work will be **90 days** including Sundays & holidays from the date of issue of Letter of Intent.
- 1.15 **'Plant'** shall mean and cannot the entire assembly of the plant and equipment covered by the Contract.
- 1.16 **'Equipment'** shall mean all equipment, machinery's, materials, structurals, electricals and other components of the plant covered by the Contract.
- 1.17 **'Test'** shall mean and include such test or tests to be carried out by the contractor as are prescribed in the Contract or considered necessary by the owner in order to ascertain the Quality. Workmanship, Performance and Efficiency of the contracted work or part thereof.
- 1.18 **'Approved' 'Directed' or 'Instructed'** shall mean approved, directed or instructed by the owner / Architects.
- 1.19 **'Work' or 'Contract Work'** shall mean and include supply of all categories of labour, specified consumables, tools and tackles required for complete and satisfactory site transportation, handling, stacking, and storing.
- 1.20 **'Month'** shall mean calendar month.
- 1.21 **'Writing'** shall include any manuscript, type written or printed statement under the signature or seal as the case may be.

2.0 **Scope and Performance**

- 2.1 Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.
- 2.2 Headings and Marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.
- 2.3 The contractor shall be furnished, free of cost one certified copy of the contract of documents except standard specifications, Schedule of Rates and such other printed and published

documents, together with all drawings as may be forming part of the tender papers none of these documents shall be used for any purpose other than that of this contract.

3.0 Works to be carried out:

The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the **Schedule of Quantities (Annexure-I)** shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognised principles.

4.0 Sufficiency of Tender

The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the Contract and all matters and things necessary for the proper completion and maintenance of the works.

5.0 Discrepancies and Adjustment of Errors

5.1 The several documents forming the contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small-scale drawing and figured dimensions in preference to scale and special conditions in preference to General Conditions.

In the case of discrepancy between the schedule of Quantities, the Specifications and the Drawings, the following order of preference shall be observed:-

- i) Description of Schedule of Quantities.
- ii) Particular Specifications and Special Condition, if any.
- iii) Latest Drawings.
- iv) Latest C.P.W.D. Specifications.
- v) Latest Indian Standard Specification of B.I.S.
- vi) Good Engineering Practice.

5.2 If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.

- 5.3** Any error in description, quantity or rate in Schedule of Quantities or any omission therefrom shall not vitiate the Contractor from the execution of the whole or any part of the works comprised there in according to drawings and specifications or from any of his obligations under the contract.

6.0 Signing of Contract

- 6.1** The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the issue of LOI sign the contract consisting.
- i) The notice inviting tender, all the documents including drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
 - ii) Standard Schedule consisting of:
 - a) Various standard clauses with upto date corrections.
 - b) Safety Code.
 - c) Model Rules for the protection of health, sanitary arrangements for workers employed by contractors.
 - d) Contractor's Labour Regulations.
 - e) List of Acts and omissions for which fines can be imposed.

7.0 SUBMISSION OF TENDERS:

- 7.1** The bid documents shall be submitted only online website on or before the date & time as given in **critical date sheet** of tender documents at CPP Portal <https://eprocure.gov.in/eprocure/app> and should be completed in all respects.

OPENING OF TENDERS:

The Part-I (Technical Bid) shall be downloaded / opened as per date and time given in **critical date sheet** of tender documents in presence of the tenderers or their authorized representatives and evaluated the technical bid on the same day by the bid evaluation committee.

- 8.** Date of opening of financial bid will be intimated to technically qualified bidders accordingly in the presence of those tenderer or their authorised representative who may be present at the NCPUL office.
- 9.** The tender shall be addressed to THE DIRECTOR AS INDICATED IN THE TENDER NOTICE.
- 10.** The tenderers shall closely peruse all the clauses, specifications and drawings indicated in the Tender Documents before quoting. Should the tenderer have any doubt about the meaning of any portion of the Tender specifications or find discrepancies/omission in the Drawings or the tender documents issued are incomplete or shall require clarification on any of the technical aspect, Scope of Work etc., he shall at once contact the authority inviting the tender for clarification before the submission of the tender.

11. Before tendering, the tenderers are advised to inspect the site of work and the environments and be acquainted with the actual working and other prevalent conditions, facilities available, position of material and labour. No claim will be entertained later on grounds of lack of knowledge.
12. Tenderer must fill up all the schedules and furnish all the required information as per the instructions given in various sections of the specifications. Each and every page of the tender specification must be digital SIGNED, STAMPED & SUBMITTED ALONGWITH THE OFFER by the tenderer in token of complete acceptance thereof. The information furnished shall be complete in itself.
13. The tenderer shall quote the rates in English Language and International numerals. These rates shall be entered in figures as well as in words. In case of difference in rates between words and figures THE LESSER OF THE TWO will be treated as valid rate. For the purpose of tender, the metric system of units shall be used. For some items FPS system in also to be followed.
14. All entries in the tender shall either by typed or are written in ink. Erasers and over writing are not permitted and may render such tenders liable to summary rejection. All cancellations and insertions shall be duly attested by the tenderer.

15. QULAIFICATIONS OF TENDERERS:

Only tenderers who have previous experience in the work of this nature and description detailed in these tender specifications are expected to quote for this work as per NIT. Offers from tenderers who do not have experiences in the field are not likely to be considered.

16. DATA TO BE ENCLOSED:

Full information shall be given by the tenderer in respect of the following. Non submission of these informations may lead to rejection of the offer.

16.1 FINANCIAL STATUS:

Financial viability as per performa enclosed at **ANNEXURE - A.**

16.2 PREVIOUS EXPERIENCE:

A statement giving particulars (duly supported by documentary evidence) of the various services rendered/in progress for each similar works by the tenderer indicating the particulars and value of each work, the site location, the duration, date of completion etc., strictly as per Performa enclosed at **ANNEXRUE - B.**

16.3 OREGANISATIONAL CHART:

The organization pattern that are totally available with him and that will be employed by the tenderer for this work in the form of month-wise and category-wise deployment plan duly indicating the number of Engineers, Supervisors, skilled and unskilled workers etc., as per proforma enclosed as **ANNEXRUE - E.**

- 16.4 An attested copy of the Power of Attorney, in case the tender is signed by an individual other than the Sole Proprietor, shall also be attached.

16.5 IN CASE OF AN INDIVIDUAL: His full Name, Experience, Address and Nature of Business.

OR

IN CASE OF PARTNERSHIP FIRMS: The names of all the partners with address and their experience. A copy of the partnership deed / instrument of Partnership duly certified by a Notary Public shall be enclosed.

OR

IN CASE OF COMPANIES: Date and Place of Registration including date of commencement certificate, in case of Public Companies and the Nature of business carried by the Company. Certified copies of Memorandum of Articles of Association and authorisation letter from Board of directors are also to be furnished. Also indicate names, addresses and experience of the Directors.

- 16.6** A list of tools and tackles that the tenderer is having and those that will be deployed on this job as per proforma enclosed at **ANNEXURE - G.**
- 16.7** Analysis of unit rate quoted as per proforma enclosed at **ANNEXURE - I.**
- 16.8** Activity Plan as per preform enclosed at **ANNEXURE - H.**
- 16.9** In addition to the above, the particulars required elsewhere in tender documents.
- 16.10** Checklist and schedule of general particulars duly filled in signed and stamped as per ANNEXURE.

NOTE : *In terms of clauses 17.1 to 17.06 below, all the data required to be enclosed with the tender need to be furnished neatly typed, signed and stamped in the given formats only (in the form of separate sheets) failing which the tender may be considered as incomplete and is liable for rejection. Documentary proofs wherever necessary also need to be enclosed.*

17. EARNEST MONEY DEPOSIT:

Tender must be accompanied by the prescribed amount of Earnest Money of Deposit in any one of the following forms.

Deposited online(through ECS/ NEFT) or in the form of insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt (FDR), Bankers cheque or Bank Guarantee (as prescribed from any of the Commercial Bank) drawn in favour of National Council for Promotion of Urdu Language, shall be scanned and uploaded to the e-tendering website as given in NIT within the period of bid submission. The original EMD should be deposited in the office of National Council for Promotion of Urdu Language. The EMD Receiving office shall issue receipt of deposition of earnest money deposit to bidder in a prescribed format (as given in **Annexure -D**)

NOTE: *Cheque, Currency Notes, Money Orders or Postal Orders will not be accepted.*

- 17.1 Demand Draft from Nationalised / Schedule Banks duly pledged in favour of NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE, payable at New Delhi.
- 17.2 Bank Guarantee from Banks in the prescribed proforma of NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE THE VALIDITY OF BANK GUARANTEE SHOULD BE FOR A MINIMUM PERIOD OF SIX MONTHS.
- 17.3 Fixed deposit receipt (FDR), Insurance security bond & banker Cheque in favour of NCPUL, New Delhi.
- 17.4 Tender received without Earnest Money in full in the manner prescribed above will not be considered.
- 17.5 In case of unsuccessful tenderers, the Earnest Money will be refunded to them after finalization /award of the tender.
- 17.6 NCPUL reserves the right of **forfeiture of Earnest Money Deposit** in case the successful tenderer:
- a) After opening of Tender, revoke/withdraws his tender within the validity period or revises/alters his earlier quoted rates/conditions.
 - b) Fails to communicate acceptance of letter of Intent within 7 days from the date of issue of Letter of Intent.
 - c) Fails to submit the prescribed performance guarantee within the prescribed period as mentioned in tender documents.
 - d) Fails to start work as may be indicated in the Letter of Intent.

18. AUTHORISATION AND ATTESTATION:

Tenders shall be signed by the person duly authorised / empowered to do so. Certified copies of such authority and relevant documents shall be submitted alongwith the tenders.

19. VALIDITY OF OFFER:

THE OFFER SHALL BE KEPT OPEN FOR ACCEPTANCE FOR A MINIMUM PERIOD OF **75 DAYS (SEVENTY FIVE)** FROM THE DATE OF OPENING OF TENDERS.

20. EXECUTION OF CONTRACT:

The successful tenderers responsibility under this contract commences from the date of issue of the Letter of Intent by NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE. The successful tenderer shall be required to execute and agreement in the prescribed form as per ANNEXURE –P3 with the NCPUL within a reasonable time after the acceptance of his tender and in any case before submitting the first bill for payment. The expenses for completion and making required number of copies and compilation of contract documents duly bound / titled and stamping / registration of the agreement with prescribed authority, if necessary, shall be borne by the contractor.

21 **PERFORMANCE GUARANTEE**

The successful tenderer, shall deposit an amount equal to 5% of the tendered and accepted value of the work as performance guarantee within 7 days of LOI, in one of the following forms to NCPUL, Demand Draft / Pay order of a Scheduled Bank Or An Irrevocable bank Guarantee in favour of NCPUL Payable at New Delhi.

21.1 RETURN OF PERFORMANCE GUARANTEE:- The amount of performance guarantee shall be refunded to the tenderer as soon as the satisfactory completion of work.

21.2 **SECURITY DEPOSIT**

21.3 *The security deposit shall be adjusted by deductions from the running bill of the contractors at the rate mentioned below. The security deposit can also be deposited in form of bank grantees or in the form of Government Securities, Fixed Deposit receipt / certificate etc.*

- (i) Security deposit @5% of tendered amount if deposited against bank guarantee issued by a schedule bank before start of the work in favour of NCPUL, then EMD shall be returned to the successful tenderer and no further security deposit shall be deducted from the bills. This amount shall be returned after defect liability period.
- (ii) A sum @ **5%** of the gross amount of the bill shall be deducted from each running bill **as well as final bill** of the contractor. Such deductions shall be made unless the contractor has deposited the amount of security at the rate mentioned in cash or Government securities or Fixed Deposit Receipts. This is in addition to the performance guarantee that the contractor is required to deposit.

FORMS OF SECURITY CONDITIONS

- (iii) ***The Bank Guarantee submitted against Security Deposit shall initially be valid up to the stipulated date of completion of the work plus maintenance period as defined under clause 17 of GCC which shall be extended further time to time depending upon extension of contract granted under provisions of clause 2 and clause 5 of PWD Form 7 & 8.***

21.4 RETURN OF SECURITY DEPOSIT: If the contractor fully performs and completes the work in all respects to the entire satisfaction of Architect owner and presents an absolute "No Demand Certificate" in the prescribed form from the Architects M/s. Architects Collaborative, C-1/44, Safadarjung Development Area, New Delhi and returns properties belonging to the owner taken, borrowed or hired by him for carrying out the said works, and has completed 12 months from the date of Completion of work as certified by the Architect, the total amount of Security Deposit will be released to the contractor after deducting all costs, expenses and other amounts that are to be paid to owner under this or other contracts entered into with the Contractor. It may be noted that in no case the Security Deposit shall be refunded / released prior to passing of Final Bill. It can be returned after defects liability period is over.

NOTE:- All the BGs are to be submitted as per Performa given in Annexure P-1&P-2.

21.5 No interest shall be payable by NCPUL on Earnest Money Deposit, Security Deposit or on any moneys due to the contractor

22. REJECTION OF TENDER AND OTHER CONDITIONS:

- 22.1** The acceptance of Tender will rest with NCPUL which does not bind itself to accept the lowest tender or any tender and reserves to itself full rights for the following without assigning any reason whatsoever.
- a) To reject any or all the tenders.
 - b) To split up the work amongst two or more tenderers.
 - c) To award the work in part.
 - d) In either of the contingencies stated in b) and c) above to modify the time for completion suitably.
- 22.2** Conditional tenders, tenders containing absurd or unworkable rates and amounts, incomplete or defective tenders not in accordance with the tender conditions & specifications etc. are liable to be rejected.
- 22.3** If the tenderer expires after the submission of his tender or after the acceptance of his tender, NCPUL may at its discretion, cancel such tender. If a partner of a firm expires after the submission of the tender or after the acceptance of the tender, NCPUL may cancel such tender at its discretion unless the firm retains its character.
- 22.4** NCPUL will not be bound by any Power of Attorney granted by the tenderer or by changes in the composition of the firm made subsequent to the execution of the contract. NCPUL may, however, recognise such Power of Attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contractor concerned.
- 22.5** If the tenderer deliberately gives wrong information in his tender, NCPUL reserves the right to reject such tender at any stage or to cancel the contract, if awarded and forfeit the Earnest Money / Security Deposit / any other moneys due.
- 22.6** Canvassing in any form in connection with the tender is strictly prohibited and the tenders submitted by the contractor who resorts to canvassing are liable to be rejected.

23. LAW GOVERNING THE CONTRACT AND COURT JURISDICTION:

The contract shall be governed by the Law for the time being in force in the Republic of India. The Civil court at Delhi / New Delhi having ordinary Original Civil Jurisdiction shall alone have exclusive jurisdiction in regard to all claims in respect of this Contract.

24. ISSUE OF NOTICE:

The Contractor shall furnish information to NCPUL about Name Designation and Address of his authorised agent and all complaints, notice, communication and references shall be deemed to have been duly given to the Contractor, if delivered to the Contractor or his authorised agent or left at or posed to the address either of the contractor or his authorised agent and shall be deemed to have been so given in the case of posting on the day on which they were so delivered or left.

25. USE OF LAND:

No land belonging to NCPUL or its Associates under temporary possession of NCPUL shall be occupied by the Contractor without the written permission of NCPUL.

26. COMMENCEMENT AND COMPLETION OF WORK:

- 26.1** The Contractor shall commence the work within the time indicated in the Letter of Intent and shall proceed with the same with due expedition without delay.
- 26.2** If the successful tenderer fails to commence the work within the stipulated time, NCPUL, at its sole discretion, will have the right to cancel the contract. His Earnest Money and / or Security Deposit will stand forfeited without any further reference to him without prejudice to any and all of NCPUL's other rights and remedies in this regard.
- 26.3** All the works shall be carried out under the direction and to the satisfaction of NCPUL / Architect appointed by the NCPUL.
- 26.4** The transported equipment erected / constructed plant or work performed under the Contract, as the case may be, shall be taken over when it has been completed in all respects and / or satisfactorily put into operation at site.

27. MEASUREMENT OF WORK AND MODE OF PAYMENT:

- 27.1** All payments due to the contractor shall be made online.
- 27.2** No running account bill or any payment shall be made for the work till applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the competent authority of NCPUL.
- 27.3** For progress / running bill payments, the contractor shall present computerized detailed measurement sheets in triplicate duly indicating all relevant details based on technical documents and connected drawings for the work done during the month / period under different categories in line with terms of payment as per Letter of Intent. The basis of arriving at the quantities / weights shall be the relevant documents and drawings released by NCPUL. These measurement sheets shall be prepared by the Contractor and submitted to the NCPUL.
- 27.4** The measurement sheets will be checked by the NCPUL / Architect and quantities and percentages eligible for payment under different groups shall be decided by NCPUL. The abstract of quantities and percentages so arrived at based on the terms of payment shall be entered in the Measurement Book and signed by the Contractor, NCPUL.
- 27.5** Based on the above quantities, contractor shall prepare the bills in the prescribed proforma and work out the financial value. These will be entered in the Measurement Book and Signed by him. Payment shall be made by NCPUL after making the recoveries due from the contractor on the basis of the recommendations and certification of the NCPUL.
- 27.6** All recoveries due from the contractor for the month / period shall be made in full from corresponding running bills unless specific approval from competent authority is obtained to the contrary.
- 27.7** Measurement shall be restricted to that quantity for which it is required to ascertain the financial liability of NCPUL under this contract.
- 27.8** Measurement shall be taken jointly by persons duly authorised by NCPUL / Architect and the contractor.
- 27.9** The contractor shall bear the expenditure involved, if any, in making the measurements and testing of materials to be used / used in the work. The Contractor shall, without extra cost of NCPUL, provide all the assistance with appliances and other things necessary for measurement.

- 27.10** If, at any time due to any reason whatsoever, it becomes necessary to re-measure the work done, in full or in part, the expenses towards such re-measurement shall be born by the contractor.
- 27.11** Passing of bills covered by such measurement does not amount to acceptance of NCPUL of the completion of the work measured. Any left out work has to be completed by the Contractor, as directed.
- 27.12** Final measurement bill shall be prepared in the proforma prescribed for the purpose, based on the certificate issued by the NCPUL/ Architect that the entire work as stipulated in the tender specifications has been completed in all respects to the entire satisfaction of NCPUL / Architect. The Contractor shall give unqualified 'No Claim' and 'No demand' certificates. All the tools and tackles loaned to him should be returned in condition satisfactory to NCPUL. The abstract of Final quantities and financial values shall also be entered in the Measurement Book and signed by the Contractor. The final bill shall be paid within a reasonable time after completion of the work. After the payment of final bill, only the guarantee obligation value shall remain unpaid, which shall be released in accordance with Clause 36. All the running bills including final bill shall be cumulative.

28. RIGHTS OF NCPUL:

NCPUL reserves to itself the following rights in respect of this contract without entitling the Contractor to any compensation.

- 28.1** To get the work done through another agency at the risk and cost of the Contractor, in the event of poor progress or the Contractor's inability to progress the work for Completion as stipulated in the contract, poor quality of work, persistent disregard of instructions of NCPUL / Architect, assignment, transfer, subletting of the contracted work without written permission of NCPUL, non-fulfillment of any contractual obligations etc. and to claim / recover compensation for such losses from the contractor including NCPUL's supervision charges and overheads from Security Deposit / other dues.
- 28.2** To terminate the contract after due notice and forfeit the Security Deposit and recover the loss sustained in getting the balance work done through other agencies in addition to liquidated damages in the event of:
- a) Contractor's continued poor progress.
 - b) Withdrawal from or abandonment of the work before completion of the work.
 - c) Corrupt act of the Contractor.
 - d) Insolvency of the Contractor.
 - e) Persistent disregard of the instructions of NCPUL / Architect.
 - f) Assignment, transfer, subletting of the contract work without NCPUL's written permission.
 - g) Non-fulfillment of any contractual obligations.
- 28.3** To claim compensation for losses sustained including NCPUL's supervision charges and overheads in case of termination of contract and to levy liquidated damages for delay in completion of work @ **1% (One Percent)** of the contract value per week of delay or part thereof subject to a ceiling of 10% of the contract value.
- 28.4** To determine the Contract or to restrict the quantum of work and pay for the portion of work done as per the satisfaction of NCPUL.

- 28.5** Since the tender specifications are based on preliminary documents and quantities furnished therein are indicative and approximate and the rates quoted shall not be subject to revision.
- 28.6** To deploy NCPUL's skilled and semiskilled workmen in case of emergency / poor progress / deficiency in skill on the part of the employees of the contractor and to recover the expenditure on account of the same from the moneys due to the contractor.
- 28.7** While every endeavour will be made by NCPUL to this end, NCPUL cannot guarantee uninterrupted work due to conditions beyond its control. The Contractor will not be entitled to any compensation / extra payment on this account.
- 28.8** In the event of any dispute of technical nature, the decision of NCPUL / Architect shall be final and binding to the contractor.
- 28.9** NCPUL reserves the right to grant reasonable extension of time without prejudice to levy penalty as per clause 5.

29. RESPONSIBILITIES OF CONTRACTOR IN RESPECT OF LOCAL LAWS, EMPLOYMENT OF WORKERS, ETC.:

The following are the responsibilities of the Contractor in respect of observance of local laws, employment of personnel, payment of taxes etc.:

- 29.1** As far as possible, unskilled workers shall be engaged from the local areas in which the work is being executed.
- 29.2** The Contractor at all times during the continuance of this contract, shall in all his dealings with the local labour for the time being employed on or in connection with the work, have due regard to all local festivals, religious and other customs.
- 29.3** The Contractor shall comply with all State and Central Laws, Statutory Rules, Regulations etc., such as The Payment of Wages Act, The Minimum Wages Act, The Workmen's Compensation Act, The Employer's Liability Act, the Industrial Disputes Act, the Employee's Provident Fund Act, Employee's State Insurance Scheme, The Contract Labour (Regulations and Abolition's Act, 1970) and other Acts, Rules and regulations for labour as may be enacted by the Government during the tenure of the Contract and having force or jurisdiction at site. The contractor shall give to the local Governing Body, Police and other concerned authorities all such notice as may be required under law.
- 29.4** The Contractor, in the event of his engaging 20 or more workmen, will obtain independent licence under the Contract Labour (Regulations and Abolition Act, 1970) from the concerned authorities based on the certificate (Form-V) issued by the principal employer/customer.
- 29.5** The contractor shall pay all taxes, fees, licence charges, deposits, duties, tolls, Royalty, commissions or other charge which may be leviable on account of any of his operations connected with this contract. In case, NCPUL is forced to make any such payment, NCPUL shall recover the same from the contractor either from moneys due to him or otherwise as deemed fit.
- 29.6** The contractor shall be responsible for the provision of health and sanitary arrangements more particularly described in the Contract Labour (Regulations and Abolition Act, 1970) and safety precautions as may be required for safe and satisfactory execution of the contract.

- 29.7** The contractor shall be responsible for proper accommodation including adequate medical facilities for the personnel employed by him. the first aid box shall be made available at side of work by the agency.
- 29.8** The contractor shall be responsible for the proper behaviour and observance of all regulations by the staff employed by him.
- 29.9** The contractor shall ensure that no damage is caused to any person / property of other parties working at site. If any such damage is caused, it shall be the responsibility of the contractor to make good the losses and compensate them.
- 29.10** All the properties / equipment / components of NCPUL loaned with or without deposit, to the contractor shall remain the properties of NCPUL. The contractor shall use such properties for the purpose of execution of this contractor. All such properties / equipment / component shall be taken to be in good condition unless notified to the contrary by the contractor within 48 hours. The Contractor shall return them in good condition as and when required by NCPUL. In case of non-return, loss, damage, repairs etc., the cost hereof, as may be fixed by the Engineer, will be recovered from the contractor.
- 29.11** It shall not be obligatory on the part of NCPUL to supply any tools and tackles or materials other than those specifically agreed to be given by NCPUL.
- 29.12** The contractor shall fully indemnify and keep indemnified NCPUL against all claims of whatever nature arising during the course of execution of this contract.
- 29.13** In case the contractor is required to undertake any work outside the scope of this contract, the amount payable shall be as may be mutually agreed upon as well as analysis of rate of item.
- 29.14** Any delay in completion of works or non-achievement of periodical targets, due to reasons attributable to the contractor, will have to be compensated by the contractor either by increased manpower and resources or by working extra hours or more than one shift at no extra cost to NCPUL.
- 29.15** The contractor will be directly responsible for payment of wages to his workmen. A payroll sheet giving details of all payments made to the workmen duly signed by the Contractor's representative should be furnished to NCPUL. If called for.
- 29.16** In case of any class of work for which there is no specification laid down in the contract, such work shall be carried out in accordance with the instructions and requirements of the Engineer/ competent authority of NCPUL.
- 29.17** No levy, payment or charges made or imposed shall be impeached by reason of any clerical error or by reason of any mistake in the amount levied, demanded or charged.
- 29.18** No idle labour charges will be admissible in the event of any stoppage of work resulting in the Contractor's will be admissible in the event of any stoppage of work resulting in the Contractor's workmen being rendered idle due to any reason at any time.
- 29.19** The contractor shall take all reasonable care to protect the materials and the work till such time it has been taken over by NCPUL.
- 29.20** Contractor shall not stop work or abandon the site for whatsoever reason or dispute, excepting for force majeure conditions. All problems / disputes shall be separately discussed and settled without affecting the progress of work. Stoppage or abandonment of work other than under force majeure conditions shall be treated as breach of work of contract and dealt with accordingly.

- 29.21** The contractor shall keep the area of work clean and shall remove the debris etc., while executing day-to-day work. Upon completion of work, the contractor shall remove from the vicinity of work, all scrap, packing materials, rubbish, unused and other materials and deposit them in places specified by the Engineer. The Contractor will also demolish all the hutments, sheds, offices, etc., constructed and used by him and shall clean the debris. In the event of his failure to do so, the same will be arranged to be done by the Engineer and the expenses recovered from the Contractor.
- 29.22** The contractor shall execute the work in the most substantial and workmen like manner in the stipulated time. Accuracy of work and timely execution shall be the essence of this contract. The contractor shall be responsible to ensure that the quality, assembly and workmanship conform to the dimensions and clearance given in the drawings and / or as per the instructions of the Engineer in Charges.
- 29.23** The contractor shall furnish weekly labour deployment report indicating the classification and number of workmen engaged, date wise and category wise. Besides, the contractor shall also furnish progress reports on work at regular intervals as required by the Engineer.
- 29.24** The contractor shall strictly follow all the labour law's /orders/regulations for payment of wages, protection of health and sanitary, construction safety as specified in safety code.
- 29.25** Technical Staff: The minimum technical staff to be appointed at site and recovery thereon in failing to comply with is.

1. Diploma Civil Engineer with
Minimum 5 years experience.

1 No. Rs.15000/- Per Month

31. SAFETY RULES

- 31.1** All safety rules and codes applied by NCPUL at site shall be observed by the contractor and his workmen without exception. The contractor shall be responsible for the safety of the equipment / material and work to be performed by him.
Contractor shall also take such additional precautions as may be indicated from time to time by the Engineer-in Charge with a view to prevent pilferage, accidents, fire hazards etc. suitable number of Clerical Staff, watch and ward, Store keepers to take care of equipment, material, construction tools and tackles shall be posted at site by the Contractor till the completion of work under this contract. The contractor shall arrange for such safety devices as are necessary for this type of work and carry out the requisite site tests of handling equipment, lifting tools, tackles etc. as per usual standards and practices.
- 31.2** The contractor shall provide to its work force and ensure the use of the following personal protective equipment as found necessary and as directed by the authorised NCPUL officials.
- a) Safety Helmets conforming to IS - 2925.
 - b) Safety Belts conforming to IS - 3521.
 - c) Safety Shoes conforming to IS - 1989.
 - d) Eye & Face Protection devices confirming to IS - 8520 & IS - 8940.
 - e) Hand & Body Protection devices conforming to IS - 2573, IS - 6994, IS - 8807 & IS - 8519.
- 31.3** All tools, tackles, lifting appliances, material handling equipment, scaffolds, cradles, safety nets, ladders, equipment etc. used by the contractor shall be of safe design and construction. These shall be tested and certificate of fitness obtained before putting them to use and from time to time as instructed by authorized NCPUL official who shall have the right to ban the use of any item.

- 31.4** All electrical equipment, connections and wiring for construction power, its distribution and use shall conform to the requirements of Indian Electricity Act and Rules. Only electricians licensed by the appropriate statutory authority shall be employed by the contractor to carry out all types of electrical works. All electrical appliances including portable electric tools used by contractor shall have safe plugging system to source of Power and be appropriately earthed.
- 31.5** Where it becomes necessary to provide and / or store petroleum products, explosives, chemicals and liquid or gaseous fuel or any other substance that may cause fire or explosion, the contractor shall be responsible for carrying out such provision and / or storage in accordance with the rules and regulations laid down in
- the relevant Government Acts, such as Petroleum Act, Explosive Act, Petroleum and Carbide of Prior approval of the authorized NCPUL official at the site shall also be taken by the Contractor in all such matters.
- 31.6** The contractor shall arrange at his cost (wherever not specified) appropriate illumination at all work spots for safe working, when natural daylight may not be adequate for clear visibility.
- 31.7** In case of a fatal or disabling injury / accident to any person at construction sites due to lapses by the contractor, the victim and / or his / her dependants shall be compensated by the contractor as per statutory requirements. However, if considered necessary, NCPUL shall have the right to impose appropriate financial penalty on the contractor and recover the same from payments due to the contractor for suitably compensating the victim and / or his / her dependents. Before imposing any such penalty, appropriate enquiry shall be held by NCPUL giving opportunity to the contractor to present his case.
- 31.8** In case of any damage to property due to lapses by the contractor, NCPUL shall have the right to recover the cost of such damages from the payments due to the contractor after holding an appropriate enquiry.
- 31.9** In case of any delay in the completion of jobs due to mishaps attributable to lapses by the contractor, NCPUL shall have the right to recover cost of such delay from the payments due to the contractor, after notifying the contractor suitably and giving him opportunity to present his case.
- 31.10** If the contractor fails to improve the standards of safety in its operation to the satisfaction of NCPUL, after being given reasonable opportunity to do so and / or if the contractor fails to take appropriate safety precautions or to provide necessary safety devices and equipment or to carry out instructions regarding safety issued by the authorised NCPUL official, NCPUL shall have the right to take the corrective steps at the risk and cost of the contractor after giving a notice of not less than seven days indicating the steps that would be taken by NCPUL.
- 31.11** The contractor shall submit report of all accidents, fires, Property damage and dangerous occurrences to the authorised NCPUL official immediately after such occurrence, but in any case not later than 12 hours of the occurrence. Such reports shall be furnished in the manner prescribed by NCPUL. In addition, periodic reports on safety shall also be submitted by contractor to the authorised NCPUL official from time to time as prescribed.
- 31.12** During the course of construction, alteration or repair scrap ladders with protruding nails, sharp edges etc., and all other debris including combustible scrap shall be kept cleared from working areas, passage ways and stair in and around site.
- 31.13** Cylinders shall be moved by tilting and rolling them on their bottom edges. They shall not be intentionally dropped, struck or permitted to strike each other violently. When cylinders are transported by powered vehicles, they shall be secured in a vertical position.

- 31.14** The contractor shall be responsible for the safe storage of his radioactive sources.
- 31.15** The entire Contractor's supervisory personnel and sufficient number of workers shall be trained for fire fighting and shall be assigned specific fire protection duties. Enough number of such trained personnel must be available during the tenure of the contract.
- 31.16** Contractor shall provide enough fire protecting equipment of the types and numbers at his office, stores, erection site; other temporary structures labour colony area etc. Access to such fire protection equipment shall be easy and kept open at all times. Compliance of the above requirement under fire protection shall in no way relieve the contractor of any of his responsibility and liabilities to fire accident occurring. In the event fire safety measures are not to NCPUL's satisfaction, NCPUL shall have option to provide the same and recover the cost plus incidentals from Contractor's bills and / or impose penalty as deemed fit by the Architect.
- 31.17** The Contractor shall make his own arrangement of water & electricity required for the construction.
- 31.18** The contractor shall be responsible for any dispute regarding patent rights.
- 31.19** **CONSEQUENCES OF CANCELLATION:**
- 31.20** Whenever NCPUL exercise its authority to terminate the contract / withdraw a portion of work under clause 29, the work may be got completed by any other means at the Contractor's risk and cost provided that in the event of the cost of completion (as certified by the Architect which shall be final and binding on the contractor) being less than the contract value, the advantage shall accrue to NCPUL. If the cost of completion exceeds the moneys due to the contractor under the contract, the contractor shall either pay the excess amount demanded by NCPUL or the same shall be recovered from the contractor. This will be in addition to the forfeiture of Security Deposit and recovery of liquidated damages as per relevant clauses.
- 31.21** In case NCPUL completes the work under the provisions of this clause, the cost of such completion to be taken into account for determining the excess cost to be charged to the contractor shall consists of cost of materials purchased and / or labour provided by NCPUL with an addition of such percentage to cover supervision and establishment charges as may be decided by NCPUL.

32 **INSURANCE:**

- 32.1** It shall be the sole responsibility of the contractor to insure his workmen against risks of accidents and injury while at work as required by the relevant Rules and to pay compensation, if any, to them as per Workmen's Compensation Act. The Contractor shall also insure his staff against accidents. The work will be carried out in a protected area and all the Rules and Regulations of NCPUL in the Project Area which are in force from time to time will be followed by the contractor.
- 32.2** If due to negligence and / or non-observance of safety and other precautions, any accident / injury occurs to any other persons / public, the contractor shall pay necessary compensation and other expenses, if so decided by the appropriate authority.
- 32.3** The contractor will take necessary precautions and due care to protect the material, while in his custody from any damage / loss till the same is taken over by NCPUL.
- 32.4** The contractor shall take a contractor's all risk (CAR) policy for a sum equivalent to contract value or enhanced value for a period not less than execution and maintenance period within a week of signing the agreement to indemnify NCPUL against loss due to any accidental damage or natural calamity.

32.5 STRIKES AND LOCKOUTS:

- 32.6** The contractor will be solely responsible for all disputes and other issues connected with his workmen. In the event of Contractor's workmen resorting to strike or the contractor resorting to lockout and if the strike or lockout so declared is not settled within a period of one month, NCPUL shall have the right to get the work executed by employing its own or through other agencies or both. The cost incurred by NCPUL in this regard shall be recovered from the contractor.
- 32.7** For any purpose whatsoever, the employees of the contractor shall not be deemed to be in the employment of NCPUL.

33 FORCE MAJEURE:

- 33.1** The following shall amount to force majeure conditions. Acts of God, Acts of any Government, War, Sabotage, Riots, Civil Commotion, Police Action, Revolution, Flood, Fire, Cyclone, Earthquake and Epidemic and other similar causes over which the contractor has not control.
- 33.2** If the contractor suffers delay in the due execution of the contract, due to delays caused by force majeure conditions, as defined above, the agreed time of completion of the work covered by this contract shall be extended by a period of time equal to the period of delay, provided that on the occurrence of any such contingency, the contractor immediately reports to NCPUL in writing the cause for the delay but the Contractor shall not be eligible for any compensation on this account.

34 GUARANTEE:

Even though the work will be carried out under the supervision of the NCPUL / Architect, the contractor will be responsible for the quality of the workmanship and shall guarantee the work done for a period of twelve months from the date of completion of work as certified by the Architect and shall rectify free of cost of NCPUL all defects arising out of faulty erection during the guarantee period starting from the date of completion of rectification. In the event of the contractor failing to repair the defective works within the time specified by the Architect, NCPUL may proceed to undertake the repairs of such defective works at the Contractor's risk and cost, without prejudice to any other rights and recover the same from out of any moneys payable to the contractor or by other legal means.

35 ARBITRATION:

All disputes between the parties to the contract arising out of or in relation to the contract, other than those for which the decision of the Architect. Or any other person is by the contract expressed to be final and exclusive, shall after written notice by either party to the contract to the other party, be referred to sole arbitration of the Director of NCPUL or his nominee. The Arbitration shall be conducted in accordance with the provisions of the Arbitration and Reconciliation Act, 1996. The parties to the contract understand and agree that it will be no objection that the Executive Director NCPUL or the person nominated as Arbitrator had earlier in his Official capacity to deal directly or indirectly with the matter to which the contract relates or that in the course of his official duties had expressed views on all or any of the matters in dispute or difference. The award of the Arbitrator shall be final and binding on the Parties to this contract. In the event of the Arbitrator dying, neglecting or refusing to act or resigning or being unable to act for any reason or his award being set aside by the Court for any reason, it shall be lawful for the Executive Director of NCPUL or his successor, as the case may be, either to act himself as the Arbitrator or to appoint another Arbitrator in place of the of the outgoing Arbitrator in the

manner aforesaid. The Arbitrator may, from time to time, with the consent of both the parties to the contract, enlarge the time for making the award. Work under the contract shall be continued during the arbitration proceedings. The venue of the arbitration shall be the place from which the contract is issued or such other place as the Arbitrator at his discretion may determine.

- 36 The Tenderers has to enter in the register all the material / tools and plants brought to the site for working in the premises available with the Security Staff.
- 37 The Tenderers should get all the materials inspected and approved from the Architect / NCPUL before use.
- 38 The rates should be quoted in the same units as mentioned in the tender schedule.
- 39 The bill of Quantities enclosed are very indicative and can vary as per the Site conditions, requirements of NCPUL or Design of Architect and the rates quoted shall not be subject to revision.
- 40 The Tenderers shall be paid every month running account bill duly verified and certified by the Architect / NCPUL on submission of detailed bills alongwith measurements and supporting documents as per the requirement of NCPUL.
 - a) Statutory recoveries shall be made from each running account bill of the tenderer.
 - b) Final Bill shall be paid after the Tenderer has completed the entire work satisfactorily duly certified and accepted by the Architect / NCPUL within 30 days period after issue of completion certificate from the Architect / NCPUL.
- 41 The rates quoted in the tender shall include all charges of material, labour, lifts, scaffolding, any tools & plants, freight, labour conditions, fluctuations in the rates, GST, excise duty, shift working, Octroi & other taxes and shall be firm for the duration of the contract and any extended period of the contract. No escalation in the rates shall be allowed under any circumstances even in case of extension of time period.
- 42 The successful Tenderer is bound to carry out all the items of work necessary for the completion of the job even though the same may not have been included in the schedule of quantities. Rates for such items shall be settled in consultation with Architect / NCPUL.
- 43 **RATES OF EXTRA ITEM:**
 - 43.1 The rates of the extra items will be derived from the tender wherever possible.
 - 43.2 In case the rates do not exist in the tender, the rate will be derived as per the market rates. The Tenderer as per the **Annexure - I** shall submit analysis of rates, with assumption of any one item.
 - 43.3 The tenderer should indicate the breakup of the items of % age of the unit cost for material, wastage, labour, taxes, profits & overheads, etc. separately as per Annexure-I. This % age shall be the basis for evaluation of the rates of the extra items as state above.
- 44 All the work executed should be got approved by the Architect / NCPUL and in case of any bad workmanship pointed out shall be either rectified or be taken away from the site if it is not rectifiable and shall be replaced without any extra cost by the Tenderer.
- 45 Contractor shall submit 3 copies of as built Drawings along with video graphy of all hidden / exposed services, pipes, conduits, trenches, tunnels, wires etc.

- 46 Measurement of the items shall be as per the IS 1200 / CPWD manual / BOQ units.
- 47 The Architect shall not be responsible and liable to the Contract in any manner whatsoever.
- 48 All Government taxes, levies etc. like labour cess – TDS etc shall be deducted from all the running as well as final bills of the Contractors.
- 49 All the works executed or under execution finished or semi-finished including all materials lying at site shall become the property of NCPUL immediately on receipt of bills of the Contractors for the same.
- 50 All re-useable material obtained from dismantling or demolition or excavation shall be the property of NCPUL and have to be handed over at site as and when directed by Architect / NCPUL including cost of temporary storage, handling & re-handling.

OR

As decided by competent authority of NCPUL, the recovery on account of different type of dismantled material received from the work shall be made at the rate of dismantled materials as given on **page -58** of the tender document from the tenderer.

- 51 Quality of material may be ascertained from any / all of the following criterion to the entire satisfaction of the Architect / Principal employer:-
- a. Relevant BIS marked material.
 - b. Manufacturers Test Certificate.
 - c. Test certificate from a reputed laboratory
 - d. On site test.

The tests however do not absolve the responsibility of the Tenderer of replacement/ rectification of defective work.

52. ***Rates of the items mentioned in Annexure-2 will not affect “Financial Bid”. However, the quoted rates in Annexure-2 by bidder can be used in case of need arises during execution of work. Bidders are to download Annexure-2 and upload PDF of the same after quoting rates of the items shown in it.***

SPECIAL CONDITIONS TO PREVENT AIR POLLUTION
(BASED ON NGT GUIDELINES/ DIRECTION)

1. The dismantle material/building rubbish received from dismantling/ demolishing shall be dumped to the dumping ground in properly covered truck with precaution. Agency shall submit the hard copy of photograph showing the properly covered truck disposing dismantles material/building rubbish. Failure of which shall be sternly dealt and a penalty @ Rs.5000/- per trip of truck shall be levied and the decision of Engineer-in-charge/ NCPUL authority shall be final & binding.
2. Agency / contractor shall not store/dump the construction material on the metalled road and shall keep the construction material on the physically demarcated space by the Engineer-in-Charge.
3. All the road/ building material responsible for pollution shall be brought at site from sources covered by tarpaulin and shall take all precautionary measure to ensure that no dust particles are permitted to pollute the air quality, failure of which Agency shall be liable to pay damages as decided by Engineer-in-Charge. The decision of Engineer-in-Charge / NCPUL authority shall be final & binding.
4. All the trucks or vehicles of any kind, which are used for construction purposes and / or are carrying construction materials like cement, sand and other allied material, shall be fully covered in the process of transporting the material.
5. There shall be no burning of leaves, plastic etc. at construction site.
6. The contractor shall get prior approval from Engineer-in-Charge for the area where the construction material or debris can be stored beyond the metalled road. This area shall not cause any obstruction to the free flow of traffic/inconvenience to the pedestrians. It should be ensured by the contractor that no accidents occur on account of such permissible storage.
7. The malba / garbage, removed from the site shall be disposed off by the contractor at any authorized MCD dumping ground as directed by the Engineer-in-Charge/ NCPUL authority. The contractor shall take appropriate protection measures like raising wind breakers of appropriate height on all sides of the plot/area using CGI sheets or plastic and / or other similar material to ensure that no construction material dust fly outside the plot area.
8. The contractor shall ensure that all the trucks or vehicles of any kind which are used for construction purposes/or are carrying construction material like cement, sand and other allied material are fully covered. The contractor shall take every necessary precautions that the vehicles are properly cleaned and dust free to ensure that enroute their destination, the dust, sand or any other particles are not released in air/contaminate air.
9. The contractor shall provide mask to every worker working on the construction site and involved in loading, unloading and carriage of construction material and construction debris to prevent inhalation of dust particles.
10. The contractor shall compulsory use of wet jet in grinding and stone cutting.
11. Contractor should ensure that directives of Hon'ble National Green Tribunal orders dated 04-12-2014 and 10.04.2015 in O.A. No. 21 of 2014 and O.A. No. 95 of 2014 and MoEF guidelines of 2010 or any direction issued by Hon'ble NGT up to last date prescribed for submission of bid regarding dealing with Air Pollution from construction and demolition sites.
12. The contractor shall carry out on-Road- Inspection for black smoke generating machinery. The contractor shall use cleaner fuel.
13. The contractor shall ensure that all DG sets comply emission norms notified by MoEF.
14. The contractor shall use vehicles having pollution under control certificate. The emissions can be reduced by a large extent by reducing the speed of a vehicle to 20 kmph. Speed bumps shall be used to ensure speed reduction. In cases where speed reduction cannot effectively reduce fugitive dust, the contractor shall divert traffic to nearby paved areas.

SPECIAL CONDITIONS FOR CIVIL WORKS

1. (a) The Contractor(s) shall inspect the site of work before tendering and acquaint himself with the site conditions and **no claim on this account** shall be entertained by the department.
- (b) The contractor(s) shall get himself acquainted with nature and extent of the work and satisfy himself about the availability of materials from kiln or approved quarries for collection and conveyance of materials required for construction.
2. The tenderer shall see the approaches to the site. In case any approach from main road is required at site or existing approach is to be improved and maintained for cartage of materials by the contractor, the same shall be provided, improved and maintained by the contractor at his own cost. **No payment shall be made on this account.**
3. Contractor shall take all precautionary measures to avoid any damage to adjoining property. **All necessary arrangement shall be made at his own cost.** Any damage caused by the contractor to the existing building/ installations /roads/ boundary walls shall be made good by him (the contractor) at his own cost.
4. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards day and night, speed limit boards, red flags, red lights and providing barriers. He shall be responsible for all damages and accidents caused to existing / new work due to negligence on his part. No hindrances shall be caused to traffic, running of hospital services during the execution of the work.
5. Royalty at the prevailing rates wherever payable shall have to be paid by the contractor on the boulders, metal, shingle, sand and bajri etc. Or any other material collected by him for the work direct to revenue authorities and **the department shall pay nothing extra for the same.**
6. The contractor shall provide at his own cost suitable weighing, surveying and leveling and measuring arrangements as may be necessary at site for checking. All such equipment shall be got calibrated in advance from laboratory, approved by the Engineer-In-Charge. **Nothing extra shall be payable on this account.**
7. The contractor shall take instructions from the Engineer-In-Charge regarding collection and stacking of materials at any place. No excavated earth or building rubbish shall be stacked on areas where other buildings, roads, services and compound walls are to be constructed.
8. The Contractor(S) shall make good any damage to the adjoining property whether public or private and shall supply and maintain lights either for illumination or for cautioning the public at night.
9. On completion of work, **the contractor shall submit at his own cost three prints along with video graphy of "as built" drawings** to the Engineer-In-Charge / competent authority. These drawings shall have the following information.
Run off all piping and their diameters including soil, waste pipes and vertical stacks.

Ground and invert level of all drainage pipes together with locations of all manholes and connections, up to outfall.

Run off all water supply lines with diameters location of control valves, access panels etc.
In case the contractor fails to submit the aforesaid drawings to the Engineer-in-Charge/ competent authority the security deposit shall not be released.

10. Water tanks, taps, sanitary, water supply and drainage pipes, civil fittings and accessories should conform to byelaws and municipal body / corporation where CPWD Specifications are not available. The contractor should engage licensed plumbers for the work and get the materials (fixtures/fittings) tested by the Municipal Body / Corporation authorities wherever required at his own cost.
11. The contractor shall give performance test of the entire installation(s) as per the standing specifications before the work is finally accepted and completion certificate is recorded by the Engineer-in-Charge. **Nothing extra whatsoever shall be payable to the contractor for the test.**
12. Any cement slurry added over base surface for continuation of concreting for better bond is deemed to have been included in the items and **nothing extra shall be payable on this account, also the cement consumed on this account shall not be considered in theoretical consumption.**
13. For Brick work unless otherwise specified FPS bricks shall be used in all items of work. The classification of bricks brought by the contractor shall conform to the CPWD Specifications.
14. The contractor shall get the water tested with regard to its suitability and conforming to the relevant IS Code. The contractor shall obtain written approval from the Engineer-in-Charge before he proceeds by using the same for execution of work.
15. The contractor shall bear all incidental charges for cartage, storage and safe custody of materials brought to site.
16. The work shall be carried out in accordance with the Architectural drawings and structural drawings, to be issued from time to time, by the Engineer-in-Charge. Before commencement of any item of work, the contractor shall correlate all the relevant architectural and structural drawings issued for the work and satisfy himself that the information available there from is complete and unambiguous. **The discrepancy, if any, shall be brought to the notice of the Engineer-In-Charge before execution of the work. The contractor alone shall be responsible for any loss or damage occurring by the commencement of work on the basis of any erroneous and or incomplete information.**
17. The Architectural drawings given in the tender other than those indicated in nomenclature of items are only indicative of the nature of the work and materials/fixtures involved unless otherwise specifically mentioned. However, the work shall be executed in accordance with the drawings duly approved by the Engineer-In-Charge. Architectural drawings are available in the office of Engineer-in-Charge and can be seen.
18. **PROGRAMME CHART:-**

The Contractor shall prepare an integrated programme chart for the execution of work, showing clearly all activities from the start of work to completion, with details of manpower, equipment and machinery required for the fulfillment of the programme within the stipulated period and submit the same for approval of the Engineer-In-Charge within two weeks of the award of the contract.

- i) The programme chart should include the following:-
 - a) Descriptive note explaining sequence of various activities.
 - b) Network (PERT / CPM / BAR-CHART) prepared on M.S. Word, Excel which will indicate resources in financial terms, manpower and specialized equipment for every important stage.

- c) Programme for procurement of materials by the contractor.
 - ii) If at any time, it appears to the Engineer-In-Charge that the actual progress of work does not conform to the approved programme referred above, the contractor shall produce a revised programme showing the modifications to the approved programme by additional inputs to ensure completion of the work within the stipulated time.
 - iii) The submission for approval by the Engineer-In-Charge of such programme or the furnishing of such particulars shall not relieve the contractor of any of his duties or responsibilities under the contract. This is without prejudice to the right of Engineer-In-Charge to take action against the contractor as per terms and conditions of the agreement.
19. Normally contractors shall not be allowed to work at night. Work at night shall, however, be allowed if the site conditions / circumstances so demand. However, if the work is carried out in more than one shift or at night, **no claim on this account shall be entertained. In such situations the contractor shall make available to the department proper means of transport such as vehicle at his own cost.**
 20. Existing drains, pipes, cables, over-head wires, sewer lines, water lines and similar services encountered in the course of the execution of work shall be protected against the damage by the contractor's own expense. 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. In no case such services should be stopped to the existing buildings.
 21. The contractor shall be responsible for the watch and ward / guard of the buildings, safety of all fittings and fixtures including sanitary and water supply fittings and fixtures provided by him against pilferage and breakage during the period of installations and thereafter till the building is physically handed over to the department. **No extra payment shall be made on this account.**
 22. The day to day receipt and issue accounts of different grade/brand of cement shall be maintained separately in the standard Performa by the Jr. Engineer-in-charge of work and which shall be duly signed by the contractor or his authorized representative.
 23. The contractor shall procure the required materials in advance so that there is sufficient time for testing of the materials and clearance of the same before use in the work. Any pre-delivery of the materials not required for immediate consumption shall not be resorted to. The contractor shall provide at his own cost suitable weighing and measuring arrangements at site for checking the weight / dimensions as may be necessary for execution of work.
 24. No payment shall be made to the contractor for any damage caused by rain, floods, earthquake or any other natural causes whatsoever during execution of work. The contractor at his own cost will make the damages to the work good and no claim on this account shall be entertained.
 25. Any damage done by the contractor to any existing work or work being executed by other agencies shall be made good by him at his own cost.
 26. On account of Security consideration, there would be some restrictions on the working hours, movement of vehicles for transportation of material and location of labour camp. The contractor shall be bound to follow all such restrictions and adjust the programme for execution of work.

27. In case, there is any discrepancy between English version and corresponding Hindi version, if provided, then the provisions in English Version will prevail.
28. The contractor shall be bound to follow the instruction and restrictions imposed by the Administration/Police authorities on the working and/or movement of labour, materials etc. and nothing extra shall be payable on this account or due to less/restricted working hours or suspension of work or any detours in movement of vehicles due to stated instructions and restrictions.
29. The contractor shall also be required to follow the rules & restrictions imposed on working /movement/stacking of materials by the local competent authority at all times. Nothing extra shall be payable on this account.
30. The contractor should remove from site, the net surplus earth only. If he disposes earth more than the surplus quantity and earth is required later to be brought from outside, the contractor shall be liable to supply at site the such required quantity of earth of required quality at his own cost and nothing shall be paid on the account. The quantity of the surplus earth to be disposed off from the site shall be worked out on the basis of levels to be taken before and after the excavation. The decision of the Engineer-in-charge regarding the quantity of net surplus earth shall be final & binding. Nothing extra shall be payable to the contractor for stacking the excavated earth.
31. Contractor shall give to NCPUL on the 4th day of each calendar month, a progress report of the work done during previous month.
32. These equipment/T &P/machinery shall be the mandatory requirement over and above those pertaining to arrangement of concrete from RMC producing plants as mentioned elsewhere in the tender documents. In case the requirement at any stage exceeds that given above the same shall be arranged as per need by the contractor at his own cost. Nothing extra whatsoever shall be payable on this account.
33. All the equipment, T & P and machinery shall be kept in good conditions.
34. All the equipment shall be brought, installed and commissioned at site of work at least one week before their actual planned use at site.
35. Before starting the earth work, the spot level of the site is to be done by the total station by the contractor and three sets of spot level drawings are to be submitted by the contractor to the department before starting earth work.
36. The Contractor has to use specialized agency for specialized items of work such as water roofing treatment and pile work etc., the Contractor(s) shall submit for the approval of the Engineer-in-charge, the names of such specialized agencies, of reputed along with of their technical capability proposed to be engaged by him. Approval of specialized agencies of each specialized work shall be obtained from the Engineer-in-charge within one month of award of work. Even if such specialized agencies the work shall be deemed to be executed by the tenderer for all purposes and the responsibility of the quality of items of works executed etc. shall continue to be that of the tenderer only.
37. The electrical work shall be carried from the agency having valid electrical license from the appropriate statutory authority.

QUALITY ASSURANCE PROGRAMME

1.0 GENERAL CONDITIONS

- (i) The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material / work beyond set out tolerance limit shall be summarily rejected by the Engineer-in-charge & contractor shall be bound to replace / remove such sub-standard/ defective work immediately. If any material, even though approved by Engineer-In-Charge is found defective or not conforming to specifications shall be replaced / removed by the contractor at his own risk & cost.
- (ii) In addition to the supervision of work by the Consultants/ Third party quality control agency deployed by the NCPUL may also be carrying out regular and periodic inspection of the ongoing activities in the work and deficiencies, shortcomings, inferior workmanship pointed out by them shall be communicated by NCPUL engineers to the contractor. Upon receipt of instructions from Engineer in Charge these are also to be made good by necessary improvement, rectification, replacement up to his complete satisfaction.
- (iii) For cement concrete work, Contractor shall get the water tested from laboratory approved by the Engineer-in-charge at regular interval as per the CPWD Specifications 2019 (Vol.-I & II) along with correction slips issued up to last date of submission of bid. All expenses towards collection of samples, packing, transportation etc. shall be borne by the contractor. Agency shall be allowed to use bore well, after approval of concerned authorities. If the tube well water is not suitable, contractor shall install RO plant for treatment of water or the contractor shall arrange Municipal water at his own cost and nothing extra shall be paid to the contractor on this account. They shall have to arrange water through tankers from any outside source after taking due permission from concerned authority.
- (iv) All materials brought by the contractor to the site for use shall conform to the samples approved by the Engineer- in-charge which shall be preserved till the completion of the work. If a particular brand of material is specified in the item of work in Schedule of Quantity, the same shall be used after getting the same approved from Engineer-In-Charge. Wherever brand / quality of material is not specified in the item of work, the contractor shall submit the samples as per list of approved makes given in the tender document for approval of Engineer-In-Charge. For all items, materials and fittings of ISI Marked shall be used with the approval of Engineer-In-Charge. Wherever ISI Marked material / fittings are not available, the contractor shall submit samples of materials / fittings manufactured by firms of repute conforming to relevant specifications or IS codes and use the same only after getting the approval of Engineer-In-Charge.
- (v) The contractor shall procure all the materials at least in advance so that there is sufficient time to testing and approving of the materials and clearance of the same before use in work.
- (vi) The Contractor shall procure and provide all the materials from the manufacturers / suppliers as per the list of approved makes attached with the tender documents, as per the item description and particular specifications for the work. The equivalent brand for any item shall be permitted to be used in the work, only when the specified make is not available. This is, however, subject to documentary evidence produced by the contractor for non-availability of the brand specified and also subject to independent verification by the Engineer-in-Charge/ competent authority of NCPUL. In exceptional cases, where such approval is required, the decision of Engineer-in- Charge/ competent authority of NCPUL. As regards

equivalent make of the material shall be final and binding on the Contractor. No claim, whatsoever, of any kind shall be entertained from the Contractor on this account. Nothing extra shall be payable on this account. Also, the material shall be procured only after written approval of the Engineer-in-Charge.

- (vii) All materials shall be got checked/ tested and approved by the Engineer-in-Charge/ competent authority of NCPUL or his authorized supervisory staff on receipt of the same at site before use.
- (viii) The material shall conform to the quality and make as per Preferred make list given in this NIT. However for the items not appearing in the list preference shall be given to those articles which bear ISI certification marks. In case articles bearing ISI certification marks are not available the quality of sample brought by the Contractor shall be judged by the standard laid down in the relevant ISI specification/CPWD specification. All materials and articles brought by the contractor to the site for use shall conform to the samples approved, which shall be preserved till the completion of the work. However, such articles which bear ISI mark but stand banned by CPWD will not be used. Notwithstanding the case of materials of "Preferred Make", provisions of Clause 10A of the General Conditions of Contract for Central PWD works shall be applicable on the materials of "Preferred Make" also.
- (ix) The final approval of the brand to be used shall be as per the direction of Engineer-in-Charge/ competent authority of NCPUL. The brand used shall be one of the brands in case specified in the list of preferred make / materials. No claim shall be entertained on account of approval of a specific brand.
- (x) Removal of rejected/sub-standard materials.
The following procedure shall be followed for the removal of rejected/sub-standard materials from the site of work:
 - (a) Whenever any material brought by the contractor to the site of work is rejected, entry thereof should invariably be made in the Site Order Book under the signature of the NCPUL official giving the approximate quantity of such materials.
 - (b) As soon as the material is removed, a certificate to that effect shall be recorded by the concern official of NCPUL against the original entry, giving, the date of removal and mode of removal, i.e., whether by truck, carts, or by manual labour. If the removal is by truck, the registration number of the truck should be recorded.
 - (e) When it is not possible for the concern official of NCPUL to be present at the site of work at the time of actual removal of the rejected/sub-standard materials from the site, the required certificate should be recorded by the concern official of NCPUL should countersign the certificate recorded by the concern official of NCPUL.
- (xi) The contractor shall ensure quality control measures on different aspects of construction materials, workmanship and correct construction methodologies to be adopted. He shall have to submit quality assurance programme within two weeks of the award of the work. The quality assurance programme should include method statement for various items of work to be executed alongwith check lists to enforce quality control.
- (xii) The contractor shall submit a 'Methods statement' for the approval of Engineer-in-charge soon after the award of work. The 'Methods statement' is a statement by which the construction procedures for important activities of construction are stated, checked, and approved. The 'Methods statement', should have a

- (xiii) description of the item with elaborate procedures in steps to implement the same,
- (xiv) the specifications of the materials involved, their testing and acceptance criteria, equipment's to be used, precautions to be taken, mode of measurement, etc.
- (xv) The design mix for concrete work, and job mix for road work shall be obtained from any of the following laboratory
 - a) DTU, Delhi
 - b) IIT Delhi
 - c) IIT Roorkee
 - d) Punjab Engineering College
 - e) CRRI, Delhi

In case the Design/ Job mix already got designed by the contractor recently (not older than three months before Stipulated date of start of work) from any of above Institutions is available, it can be allowed by the Engineer-in-Charge provided the source of raw materials remains the same with a recovery cost of Rs.50000/- per Design/ job mix formula not got done by the contractor for this work.

- (xiii) All the hidden items such as reinforcement, water supply lines, drainage pipes, conduits, sewers etc. are to be properly tested as per the design conditions before covering and their measurements in computerized measurement book duly test checked shall be deposited with Engineer in charge or his authorized representative, prior to hiding these items.
- (xvi) The contractor shall give performance test of the entire installation(s) as per the standing specifications before the work is finally accepted and commissioned and nothing extra whatsoever shall be payable to the contractor for the test.
- (xvii) The Contractor shall arrange electricity at his own cost for testing of the various electrical installations as directed by Engineer- in-Charge and for the consumption by the contractor for executing the work. Nothing extra shall be payable on this account.
- (xviii) For better quality control Engineer-in-charge or his representative may visit source/ factory/ yard/ premises of manufacturers/ suppliers/ vendors of various materials. he may ask calibration certificates of various testing equipment's , source & test reports of various ingredients etc. It shall be responsibility of the contractor/ agency to ensure that all relevant codes, necessary testing equipment, manpower & facilities are made available to Engineer-in-Charge and/or his authorised representative at source/ factory/ yard/ premises. All required relevant records of materials, products shall be made available to the Engineer-in-Charge or his authorised representative. Engineer-in-Charge shall, as required, specify guidelines & additional procedures for quality control & other parameters in respect of materials, production & transportation of material/ product which shall be binding on the agency.

- (xvii) Contractor shall provide copy of bill's having GST No. for all the material procured for use in work. Engineer-in-Charge or his representative may verify the authenticity/quality of material from manufacturer/supplier and contractor shall assist in verification. Engineer-in-Charge may instruct for not procuring material from manufacturer/supplier that does not cooperate in verification of voucher and quality of material. Final bill shall be paid only after receipt of all GST paid bills.
- (xviii) Contractor will submit original bill's/ challan/ voucher having GST No. for purchase of all the material/ products from approved suppliers/ vendors/ manufacturers within 07 days from purchased of materials as a proof of having purchased the material from suppliers/ vendors/ manufacturers. A stamp having details of work shall be printed/sealed on these vouchers/bills with dated signature of Engineer-in-Charge or his representative may verify the authenticity of bills / challans/vouchers etc. and contractor shall be returned to the contractor after verification keeping verify copy and making necessary endorsement.

(xix) FILED TESTING INSTRUMENTS

1. Steel tapes – 3m
2. Vernier calipers
3. Micrometer screw 25mm gauge
4. A good quality plumb bob
5. Spirit level, minimum 30 cms long with 3 bubbles for horizontal vertical
6. Wire gauge (circular type) disc
7. Foot rule
8. Long nylon thread
9. Rebound hammer for testing concrete
10. Dynamic penetrometer
11. Magnifying glass
12. Screw driver 30 cms long
13. Ball pin hammer, 100 gms
14. Plastic bags for taking samples
15. Moisture meter for timber
16. Earth resistance tests (for Electrical Divisions)
17. Meggar (for Electrical Divisions)

- (XX)** If any material/substance to be tested, it shall be test as decided by NCPUL at the cost of contractor.

(xxi) SAMPLING OF MATERIALS:

Sample of construction materials, fittings and other articles required for execution of work shall be got approved from the Engineer-in-Charge. Articles manufactured by companies of repute and approved by the Engineer-in-Charge shall only be used. Articles bearing BIS/ IS certification mark shall be used in case the above are not available; the quality of samples brought by the contractor shall be judged by standards laid down in the relevant BIS/ IS specifications. All materials and articles brought by the

contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work. The contractor shall ensure quality construction in a planned and time bound manner. Any sub-standard material/work beyond set out tolerance limit shall be summarily rejected by the Engineer-in-Charge. BIS/ ISI marked materials except otherwise specified shall be subjected to quality test at the discretion of the Engineer-in-Charge besides testing of other materials as per the specifications described for the item/materials. Wherever BIS marked materials are brought to the site of work, the contractor shall if required, by the Engineer-in-Charge furnish manufacturers test certificate or test certificate from approved testing laboratory to establish that the material produced by the contractor for incorporation in the work satisfies the provisions of BIS/ IS codes relevant to the material and/or the work done.

The contractor shall be fully responsible for the safe custody of the materials issued to him even if the materials are in double lock and key system.

- (xxii) **All expenditure required to be incurred for taking samples, conveyance, packing, testing charges etc. shall be borne by the contractor himself.**

2.0 MAINTENANCE OF MATERIAL AT SITE (MAS) REGISTER –

- (i) All the MAS Registers including Cement, Steel, bitumen, paints, etc. shall be maintained by Contractor which shall be issued to the contractor by Engineer-in-charge.
- (ii) Each of the entry of receipt of material at site shall be 100% test checked by Engineer-in-charge or his representative.

3.0 MAINTENANCE OF REGISTER OF TESTS -

- (i) All the registers of tests carried out at Construction Site or in outside laboratories shall be maintained by the contractor which shall be issued to the contractor by Engineer-in-charge.
- (ii) All Samples of materials including Cement Concrete Cubes shall be taken jointly by Contractor with Engineer-in-charge or his representative. All the necessary assistance shall be provided by the contractor. Cost of sample materials is to be borne by the contractor and he shall be responsible for safe custody of samples to be tested at site/ field lab.
- (iii) All the registers of tests carried out at Construction Site or in outside laboratories and all material at site (MAS) registers including cement register shall be maintained by the contractor which shall be issued to the contractor by Engineer-in-charge. All the entries in the registers will be made by the designated Engineering Staff of the contractor and same shall be regularly reviewed by concern official of NCPUL Contractor shall be responsible for safe custody of all the registers.
- (iv) The tests mentioned in CPWD Specifications 2019 have to be done by contractor or his authorized representative and Engineer-in-Charge or his authorized representative. The reports shall be signed by contractor and Engineer-in-charge or his authorized representative. The copies of such reports at various stages shall be appended with each running account bill and final bill failing which no payment shall be released to contractor.
- (v) All the entries in the registers will be made by the designated Engineering Staff of the contractor and same shall be regularly reviewed by Engineer-in-charge or his representative.
- (vi) Contractor shall be responsible for safe custody of all the test registers.

Submission of Material at Site Register and hindrance register along with each alternate Running Account Bill and Final Bill shall be mandatory. If all the test registers and hindrance register are not submitted along with each alternate R/A Bill & Final Bill, no payment shall be released to the contractor.

4. **QUALITY ASSURANCE:-**

- 4.1 The contractor shall ensure quality control measures on different aspects of construction including materials, workmanship and correct construction methodologies to be adopted. He shall have to submit quality assurance programme within two weeks of the award of the work. The quality assurance programme should include method statement for various items of work to be executed along with check lists to enforce quality control.
- a. The contractor shall get the source of various raw materials namely aggregate, cement, sand, steel, water etc. to be used on the work, approved from the Engineer-In-Charge and trial mixes for controlled concrete shall be done using the approved materials. The contractor shall stick to the approved source unless it is absolutely unavoidable. Any change shall be done with the prior approval of the Engineer-In-Charge for which tests etc. shall be done by the contractor at his own cost.
- b. Lists of approved makes and brands of materials for civil works and sanitary works are annexed hereto. Makes and brands of Materials specified therein shall only be used on the work. The contractor shall submit brand / make of various materials to be used for the approval of the Engineer-In-Charge along with samples.
- c. The contractor shall submit shop drawings of staging and shuttering arrangement for approval of Engineer-In-Charge. The contractor shall also submit bar bending schedule for approval of Engineer-In-Charge before execution.
- 4.5 All material shall be brought at site as per programme finalized with the Engineer-in-Charge. Any pre-delivery of the material, not required for immediate consumption shall not be accepted and thus not paid for.
- 4.6. Except for the items, for which particular specifications are given or where it is specifically mentioned otherwise in the description of the items in the schedule of quantities, the work shall generally be carried out in accordance with the "CPWD Specifications 2019 Vol I to II with upto date correction slips (Hereinafter to be referred to as CPWD Specifications) and instructions of Engineer-In-Charge. Wherever CPWD Specifications are silent, the latest IS Codes / Specifications shall be followed.
- 4.7 A reference made to any Indian Standard Specifications in these documents, shall imply to the latest version of that standard, including such revisions / amendments as issued by the Bureau of Indian Standards upto last date of receipt of tenders. **The Contractor shall keep at his own cost all such publications of relevant Indian Standard applicable to the work at site.**
- 4.8 Samples including brand / quality of materials and fittings to be used in the work shall be got approved from the Engineer-In-Charge, well in advance of actual execution and shall be preserved till the completion of the work.
- 4.9 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.**
- 4.10 The rates for all items of work shall, unless clearly specified otherwise, include cost of all labour, material, tools and plants and other inputs involved in the execution of the item and **nothing extra shall be payable on this account.**
- 4.11 The contractor(s) shall quote all inclusive rates against the items in the schedule of quantities and **nothing extra shall be payable for any of the conditions and specifications** mentioned in the tender documents unless specifically specified otherwise.
- 4.12 Unless otherwise specified in the schedule of quantities, the rates for all items, shall be considered as inclusive of pumping / bailing out water, wherever necessary for which **no extra payment shall be made.**
- 4.13 The rate for all items, in which the use of cement is involved is inclusive of charges for curing.
- 4.14 The foundation trenches shall be kept free from water while works below ground level are in progress.
- 4.15 Payment for items of "RCC work", brick work and concrete work above different floor shall be made at the rates provided for these items. For operation of these rates, the floor level shall be considered as top of the main structural slab in that floor viz Top of RCC slab in main room and not top of any sunk or depressed floor for toilet slabs.

- 4.16 The rate of items of flooring is inclusive of providing sunk flooring in bath-rooms, kitchen, etc. and nothing extra on this account shall be payable.
- 4.17 Any legal or financial implications resulting out of disposal of earth shall be sole responsibility of the contractor. **Nothing extra shall be paid on this account.**
- 4.18 The work should be planned in a systematic and coordinate manner with other agencies working in the building so that chase cuttings in the walls, ceilings and floors are minimized. **Chase for G.I./ CPVC Pipes, Electrical conduits, shall be cut by using electrically operated chase cutting machines. Chases will not be allowed to be cut using hammer / chisel.** The electrical boxes should be fixed in walls simultaneously while raising the brick work. Similarly openings required for Air-conditioning work shall be left as required. **Nothing extra shall be paid on this account.** The contractor shall ensure proper co-ordination of various disciplines viz. sanitary & water supply, electrical, fire-fighting and any other services.
- 4.19 All the hidden items such as water supply lines, drainage pipes, conduits, sewers etc. are to be properly tested and got measured by Engineer-in-charge or his representative as per the design conditions before covering. The contractor shall indemnify the Govt. against any claims or obligations arising out of any damage to adjacent property, structure or to building work done by him.

4.21.0 LICENSES

The contractor shall pay to the municipal, police or other authorities all the fees etc. if required for execution of work, obtain requisite licenses for temporary constructions, enclosures, and pay all fees, taxes and charges which shall be leviable on account of their observations in executions of the contract. **No extra claim will be entertained on this account.** However, department shall provide necessary assistance by way of forwarding the applications of the contractor.

- 4.21.1 All license fees, royalty charges shall be paid by the contractor direct to the authorities concerned. **No extra claim will be entertained on this account.**

In case services are encountered during excavation / earth work and such services are required to be shifted, the contractor is bound to carry out the shifting operation as per guidance / instructions and with the approval of the Engineer-In-Charge. However, necessary payments shall be made in this regard as per provision of the agreement.

- 4.22.0 Many other agencies would be executing work simultaneously at site. The contractor shall maintain proper co-ordination with other agencies in maintaining progress of work. In case of any dispute, the decision of the Engineer-in-Charge shall be final and binding.
- 4.22.1 The contractor shall have to make his own arrangement for housing facility for staff and labour away from construction site and shall have to transport the labour to and fro between construction site and labour camp at site own cost. No labour huts will be allowed to be constructed at the project site except a few temporary sheds for chowkidars and storekeeper. The decision about how many huts can be allowed for chowkidars and storekeeper at project site shall rest with the engineer-in-charge and the contractor shall have no claim on this account.

Labour cess @ 1% of the gross value of the work done will be deducted from each running & final bill as per govt. Of Delhi notification.

5. The work shall be executed and measured as per metric dimensions given in the schedule of quantities, drawings etc. (FPS units wherever indicated are for guidelines only).

SPECIFICATIONS FOR ADD/ ALT/ REPAIR/ RENOVATION / MAINTENANCE WORKS

GENERAL: If not otherwise specified the following must be applicable to all concerned item of works.

1. The work in general shall be executed as CPWD Specifications 2019 Vol. I and II with correction slips for cement mortar, Cement Concrete and RCC works (In accordance to IS456:2000). However in the event of any discrepancy in the description of any items as given in the schedule of quantity appended with the tender and the specifications relating to the relevant item as per CPWD specifications mentioned above the formal shall prevail. If the specification for any item are not available in the CPWD specifications mentioned above the relevant ISI specifications shall be followed. In case ISI specifications are also not available the decision of the Engineer-In-Charge given in writing shall be final.
2. The water shall be got tested as per CPWD specification and nothing extra shall be paid on this account.
3. In addition to the above specifications some additional specifications shall also apply to the work.
 - (i) All stone aggregates and stone ballast shall be of hard stone variety to be obtained from approved quarries at or any other source to be got approved by the Engineer-In-Charge.
 - (ii) Sand to be used for cement concrete work, mortar for masonry and plaster work shall be of standard quality, Sand shall be obtained from source to be got approved by the Engineer-In-Charge. And screened as required. The same shall consist of hard siliceous material.
4. **STONE WORK :** Stone tiles for flooring /veneering
 - (i) Machine cut, machine polished tiles shall be used and edging of stone used or flooring and veneering works shall have proper machine veneering cut.
 - (ii) The item shall include the word machine cut machine polished and lend with properly machine veneering to form pattern.
5. Whenever any reference to any Indian Standard specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued their to or revisions thereof if , any , up to the date of receipt of tenders.
6. The rates for different items of works shall be for all heights, lifts, leads and depths of the buildings except where otherwise specified in the item of work. Payment for centering , shuttering however is required to be for heights more than 3.5 m shall be admissible at the rate arrived in accordance with clause 12 of the agreement, if specified.
7. The work shall be carried out in accordance with the architectural drawings and structural drawings to be issued by the Engineer-In-Charge. The structural and architectural drawings shall have to be properly correlated before execution of the work.

In case if any discrepancies noticed/found between architectural and structural drawings, the decision of the Engineer-In-Charge in writing shall be final and binding to the contractor.
8. All articles ISI marked shall be used after getting the approval of the Engineer-In-Charge. In case of non ISI marked Articles only those articles which manufactured by reputed firms (classified as “First Quality” by the manufacturers) and approved by the Engineer-In-Charge shall be used.

9. The contractor shall give performance test of installations as per specifications before the work is final accepted and nothing extra whatsoever shall be payable to the contractor on this account.
10. The work shall be carried out in a manner complying in all respects with the requirement of relevant bylaws of Municipal Committee/Municipal Corporation/ Delhi Development authority under the jurisdiction of which the work is to be executed or as directed by the Engineer-In-Charge and nothing extra shall be payable on this account.
11. Cement slurry shall be provided over base surface (for continuation of concreting, on the old surface where re-plastering to be done) for which nothing extra shall be paid.

RCC WORK:-

12. The entire RCC work shall generally be carried out by using steel centering, shuttering, and scaffolding. However other type of centering, shuttering and scaffolding as per CPWD specification and norms shall also be permitted by the Engineer-In-Charge on receipt of written request from the contractor for specific item of work where use of steel centering, shuttering and scaffolding is difficult.
13. In respect of projected balconies, projected slabs at roof level and projected verandah, the payment of the RCC work shall be made under item of RCC slab. Nothing extra shall be paid for the side shuttering at the edges of these projected portions. All exposed edges shall however be finished as per specifications and nothing extra shall be paid for the same.
14. In the item of RCC walls, railing and roofs etc. design and pattern as per architectural drawing in specified section shall be made and nothing extra shall be made for the same.
15. The rates for railing are inclusive of all labour and materials. The portion of railing embedded in the masonry/RCC as required for execution of the item as per description of item/architectural drawing shall not be included in measurements for payment.
16. The rates of item of reinforcement in RCC work includes all operations including straightening, cutting, welding, bending & binding with annealed steel wire or welding, cost of the cover blocks of approved quality and placing in position at all levels and leads and lifts etc.

PRE-CAST RCC:-

17. The compaction of the concrete shall be done by vibrating, table or external vibrator, as approved by Engineer-in-charge, for rates quoted for the item shall include the element for form work and mechanical vibration.
18. The water will be tested with regard to its suitability for use in R.C.C. work and nothing will be paid for on this account.
19. The rates of item of reinforcement in R.C.C. work includes all operations including straightening cutting welding binding with annealed steel wire or welding and placing in position at all the floors with all leads and lifts complete.

FLOORING.

20. The rate of items of flooring is inclusive of providing sunk flooring in bath rooms, kitchen etc. and nothing extra on this account is payable.

WOOD WORK:-

21. The contractor will be responsible for the watch and ward of shutters to be handed by him to the client department after fixing and nothing extra for the same shall be paid.
22. Timber quality as specified to be used for wood work shall be kiln seasoned in the relevant items in the scheduled of quantities and shall conform to CPWD Specifications 2019 Vol. I & II, with up to date correction slips.
23. The paneled shutters shall be kiln seasoned with species as specified in items (styles and rails) as per width shown in Architectural drawings panels shall be embedded into frames as per the details shown in CPWD specification or Architect drawings.
24. The samples or species to be used shall be deposited by the contractor with the NCPUL before under unless otherwise, specified in the item.
25. Transparent glass sheet conforming to IS: 1761-1960 shall be used thickness being governed as under unless otherwise, specified in the item.

	Area of glazing	Thickness Max	Unsupported length
(i)	For glazing area up to	0.2 sqm	3mm 60cm.
(ii)	For glazing area from	0.2 sqm to 0.5sqm	4mm 120cm.
(iii)	For glazing area more than	0.5 sqm	5.5mm. 120cm.

26. Glazing for toilets and in fixed ventilators shall be of opaque type with frosted pin headed as prescribed in the items.
27. Factory made shutters as specified shall be obtained from factories to be approved by Engineer-in-charge. The contractor shall inform well in advance to the Engineer-in-charge the name and address of the factory from where the contractor intended to get the shutters to be manufactured. The contractor will place the order to

Manufacture of shutter only after getting the written approval of the Engineer-in-charge for recommendation the name of the factory from the approved list. In case the factory proposed by the contractor is not found competent to manufacture quality of shutter, the contractor will also arrange stage-wise inspection of shutters at factory of the Engineer-in-charge or his authorized representative. Contractor will have no claim if the shutters brought at site are rejected by Engineer-in-charge in part or in full lot due to poor workmanship/quality. Such shutters will not be measured and paid. The contractor shall have to remove the rejected shutters from the site of work within 7 days from date of written order issued by Engineer-in-charge or his authorized representative.

STEEL WORK:-

28. Steel glazed windows/ventilators shall be factory made as per IS: 7542-1990 to be procured from factories to be approved by Engineer-in-charge.
29. Pressed steel door frame shall be factory made as per IS: 4351- 1976 to be procured from factories to be approved by Engineer-in-charge.
 - (i) All welded steel work shall be quality work as laid down in IS : 822-1970 wherever it appears shall mean continuous filler welding.

WATER SUPPLY SANITARY INSTALLATIONS:-

30. Sanitary fitting, paints and other materials shall be obtained from the approved firms which is on the list of approved manufactures of CPWD and shall bear ISI mark. The materials shall be tested as per provision in relevant. Codes. The contractor's rates for items involving the use of the above materials shall be deemed to cover the cost of samples taken for testing.
31. The S.C.I. Pipe and G.I. Pipe wherever necessary shall be fixed to R.C.C. columns. Beams etc. with rowel plugs and nothing extra shall be paid for this.
32. G.I. Pipe if stipulated for issue in the schedule of material can be issued in metric size as considered fit and the issued rate recoverable from be contractor will remain the same. The contractor will not be paid anything extra on this account and nothing shall be deducted for using the size of G.I. Pipes issued and the items will be paid as per agreement rate for the same item.

33. WATER PROOFING.

Treatment for roof surface and sunken portion with integral cement based compound (Brick –Coba)

- i) The brick bats shall be from over burnt bricks. The proprietary water proofing compound shall bear BIS mark and shall conform to IS: 2645. The proprietary water proofing compound shall be added at the rate recommended by the manufacturers. Water proofing compound shall be brought to the site prior to commencement of work, from which random sample would be got tested to ascertain its conformity to the relevant IS code. Water proofing compound shall be kept under double lock and key and record of its issue shall be kept in the same manner as for issue of cement. **Nothing extra shall be paid for making Khurras at the outlets of rain water pipe.**
- ii) The surface where the water proofing is to be done shall be thoroughly cleaned with wire brushes. All loose scales, mortar splashes etc. shall be removed and dusted off. The surface shall be treated with neat cement slurry admixed with proprietary water proof compound to penetrate into crevices and fill up all the pores in the surface. The cement slurry shall be applied at the junction of parapet and terrace slab including the vertical face of the parapet.
- iii) After slurry coat is laid, layer of over burnt brick bats shall be laid in cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with proprietary water proofing compound to required gradient and joints filled to half the depth. The brick bat layer shall be rounded at the junction with the parapet and tapered towards top for a height of 300mm. Curing of this layer shall be done for 3 days.
- iv) After curing, the surfaces shall be applied with a coat of cement slurry admixed with proprietary water proofing compound.
- v) Joints of brick bat layer shall be filled fully with cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with proprietary water proofing compound and finally top finished with average 20mm thick layers of cement mortar 1:4 (1 cement : 4 coarse sand) and finished smooth with cement slurry mixed with proprietary water proofing compound. The finished surface shall have marking of 300 x 300 mm false squares to give the appearance of tiles.
- vi) The finished surface after water proofing treatment shall have minimum slope of 1 in 80. At no point shall the thickness of water proofing treatment be less than 65 mm.

- vii) When treatment of roof surface is done, it shall be ensured that the outlet drain pipes have been fixed and mouths at the entrance have been eased and rounded off properly for easy flow of water.
- viii) Curing of water proofing treatment shall be done for minimum period of ten days by flooding the water by making kiaries etc.
- ix) The integral cement based water proofing treatment with brick coba shall be done on terrace. Nothing extra shall be paid for khurras at the outlets of rain water pipes. The measurement shall be taken along the finished surface of treatment including the rounded and tapered portion at junction of parapet wall.
- x) Water proofing compound shall be of approved material list on **page No 59-65**
- xi) **MEASUREMENT:** The measurements shall be taken along the finished surface of treatment including the rounded and tapered portion of junction of parapet wall. Length and breadth shall be measured correct to one centimetre and area shall be worked out to nearest 0.01 sqm. No deduction in measurements shall be made for either opening or recesses for chimneys, stacks, roof lights and the like of areas upto 0.40 sqm. nor anything extra shall be paid for forming such openings. For areas exceeding 0.40 sqm. Deductions shall be made in measurements for full openings and nothing extra shall be paid for making such openings.
- xii) **RATES:** The rate shall include the cost of all labour and materials involved in all the operation described above.
- xiii) **GUARANTEE BOND:** For the entire work of Water Proofing, Ten years guarantee bond in the prescribed proforma as per **Annexure-P** (forming part of this document) shall be executed by the contractor duly signed by both specialized agency and the contractor to meet their liabilities under the guarantee bond. However, the sole responsibility in respect of efficiency of water proofing shall rest with the building contractor. **10% of the cost of the work done under water proofing sub-head shall be retained as security deposit for water proofing work in addition to normal security deposit and the amount so withheld would be released as (i) 50% of this amount would be released after five years from the date of completion of the entire work under the agreement and (ii) Balance 50% amount would released after (10) Ten years from the date of completion of the entire work under the agreement if the performance of the work done is found satisfactory.** If any defect is noticed during the guarantee period, it shall be rectified by the contractor within seven days of receipt of information of defects in the work. If the defects pointed out are not attended to within the specified period, the same will be got done from another agency at the risk and cost of contractor.
- xiv) The performance security deducted may be released in full if bank guarantee of equivalent amount for ten years in acceptance form is deposited in favour of Engineer-in-Charge.
- xv) This Performance security shall be in addition to the security deposit, performance guarantee & performance security mentioned elsewhere in the document.
- xvi) The contractor shall give five years performance guarantee in the prescribed proforma (specimen appended) for water proofing cement paint "Sandtex matt" 5% (Five percent) of the cost these items shall be retained as security in addition to normal security deposit to watch the performance of the work executed. However, this amount (withheld) shall be released after five years after the completion of the work, if no defect comes to the notice.

SPECIAL CONDITIONS FOR CEMENT

1. The contractor shall, at his own expense procure and provide all materials including cement and steel required for the work.
1. The contractor shall procure all the materials in advance so that there is sufficient time for testing and approval of the materials before use in the work.
2. All materials brought by the contractor for use in the work shall be got checked from the Engineer-In-Charge or his authorized representative of the work on receipt of the same at site before use.
3. The contractor shall also employ necessary watch and ward establishment for the safe custody of materials at his own cost.
4. Contractor has to produce manufacturers test certificate for each lot of cement & steel procured at site.

6 CONDITIONS FOR CEMENT:-

- 6.1 The contractor shall procure 43 grade (conforming to IS:455) Portland Slag cement, required in the work (43 grade OPC conforming to is 8112 for RCC work) from reputed manufacturers of cement having a production capacity of one million tonnes as approved by Ministry of Industry, Government of India and holding licence to use ISI certification mark for their product whose name shall be got approved from Engineer-In-Charge. Supply of cement shall be taken in 50 kg. bags bearing manufacturer's name and ISI marking, along with manufacturers test certificate for each lot. Samples of cement arranged by the contractor shall be taken by the Engineer-In-Charge and got tested in accordance with provisions of relevant BIS Codes. The cement for such testing purpose shall be supplied by the contractor free of charge. In case test results indicate that the cement arranged by the contractor does not conform to the relevant BIS Codes, the same shall stand rejected and shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-In-charge to do so. The cost of testing shall be borne by the contractor.
- 6.2 The cement shall be brought at site in bulk supply of approximately 30 tonnes or as decided by the Engineer-In-Charge.
- 6.3 The cement go-down of the capacity to store a minimum of 1500 bags of cement shall be constructed by the contractor at site of work and at the site of batching plant for which no extra payment shall be made. Double lock provision shall be made to the door of the cement go-down. The keys of one lock shall remain with the Engineer-in-charge or his authorized representative and the key of the other lock shall remain with the Contractor. The contractor shall be responsible for the watch and ward and safety of the cement go-down. The contractor shall facilitate the inspection of the cement go-down by the Engineer-in-charge at any time.
- 6.4 The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in Clause –10 of GCC-2020 of CPWD. The theoretical consumption of cement shall be worked out as per procedure prescribed in Clause-42 of GCC-2020 of CPWD the contract and shall be governed by the conditions laid therein.
- 6.5 If the quantity of cement actually used in the work is found to be more than the theoretical quantity of cement including authorized variation, nothing extra shall be payable to the contractor on this account. In the event of it being discovered that after the completion of the work, the quantity of cement used is less than the quantity ascertained as herein before provided (allowing variation on the minus side as stipulated in Clause - 42 of GCC-2020 of CPWD) the cost of quantity of cement not so used shall be recovered from the contractor @ Rs.5,300/- (Rupees Three Thousand Five hundred Only) per metric tonne. Decision of the Engineer-In-Charge in regard to theoretical quantity of cement which should have been actually used as per the schedule and recovered at the rate specified, shall be final and binding on the contractor.
For non-scheduled items, the decision of the competent Authority regarding theoretical quantity of the cement which should have been actually used, shall be final and binding on the contractor.
- 6.6 Cement brought to site and cement remaining unused after completion of work shall not be removed from site without written permission of the Engineer-in-charge.

- 6.7 In case the contractor brings surplus quantity of cement the same shall be removed from the site after completion of work by the contractor at his own cost after approval of the Engineer-in-charge.
- 6.8 The cement in bags shall be stacked by the contractor in two godowns one for fresh arrival to be tested for quality and another already tested in use having weather proof roof and walls and on a proper floor consisting of two layers of dry bricks laid on well consolidated earth at a level at least 30 cm above the ground level. These stacks shall be in rows of two bags deep and 10 bags high with a minimum of 60 cm. clear space around. The bags should be placed horizontally continuous in each line as shown in the accompanying sketch given in CPWD Specification - 2019. The sketch is only for guidance. Actual size / shape of godowns shall be as per site requirement and nothing extra shall be paid on this account.
- 6.9 Cement register (as per performa attached) for the cement shall be maintained at site. The account of daily receipts and issue of cement shall be maintained in the register by the authorized representative of the Engineer-in-charge and signed daily by contractor or his authorized agent.
- 6.10 Cement which is not used within 90 days from its date of manufacture shall be tested at laboratory approved by the Engineer-in-charge. Until the results of such tests are found satisfactory, it shall not be used in any work.
- 6.11 The material is to be purchased from the authorized dealer and cash memos to this effect is to be produced along with material. It should be ensured that the material is taken from authorized dealers and supported with challans of the manufacture.

PROFORMA FOR THE CEMENT REGISTER

[illegible]

ADDITIONAL CONDITION FOR DISMANTLE MATERIAL

Recovery of old Serviceable material as received from the Sub Head Dismantling and Demolishing shall be made at following rates:

1	Old steel bars	Rs. 20.00 Per Kg
2	Old Bricks of C.D 7.5/10	Rs. 2250.00 per 1000 Nos.
3	Quartette stone for masonry work	Rs. 500.00 per cum
4	Old Z-section windows	Rs. 20.00 per kg
5	Old rolled steel sections	Rs. 20.00 per kg
6	Old MS Iron viz, Tee, Angles, Flats etc.	Rs. 20.00 per kg
7	Old timber	Rs. 10.00 per kg
8	Old brick tiles	Rs. 2600.00 per 1000 Nos.
9	Old G.I. barbed wire	Rs. 20.00 per kg
10	Old expended metal/IRC fabric	Rs. 20.00 per kg
11	Old CI/SCI pipes of various diameter	Rs. 20.00 per kg
12	Old GI pipes of various diameter	Rs. 20.00 per kg
13	Old CI pipes of various diameter(Broken in pieces)	Rs. 20.00 per kg
14	Old CI Manhole cover & frames (Broken in pieces)	Rs. 20.00 per kg
15	Old PVC tank (Broken in pieces)	Rs. 10.00 per kg
16	Old Brick Bats	Rs. 600.00 Per cum
17	Old Brass/CP Brass fitting	Rs. 250.00 Per Kg
18	Old Aluminum Fitting	Rs.100.00 Per Kg

The Old dismantled material received shall be measured and recorded by the Site Engineer deputed by Agency and duly verified / checked by personally by the concern official of NCPUL. Such dismantled material shall be handed over to the contractor, and it shall be mandatory for contractor to remove it before completion certificate is recorded.

LIST OF APPROVED MATERIALS AND MAKE OF ITEMS

S. No	MATERIALS	MANUFACTURERS NAME
	CIVIL	
1	CEMENT	ACC, ULTRATECH, VIKRAM, SHREE, AMBUJA, JAYPEE, J.K., LAFARGE, L&T, BIRLA, CCI, BINANI, JK LAKSHMI, ORIENT
2	REINFORCEMENT STEEL-TMT Bars- Fe-500D Grade	SAIL, TATA STEEL, RINL, JSW, JSPL, M/s. Shyam Steel. (DG/New Product/13 Dt: 04.05.2018)
3	STRUCTURAL STEEL SECTION	SAIL, TISCO, RINL, JSW, JINDAL STEEL & POWER, JINDAL, TATA
4	STRUCTURAL STEEL TUBES/PIPES	JINDAL, TATA, APL APOLLO, ELECTRO STEEL G.S.F., PRAKASH SURYA
5	READY MIXED CEMENT CONCRETE	ACC, LAFARGE, ULTRATECH, SHREE, ALCHON, L & T GRASIM, NS CONCRETE, RMC READYMIX (INDIA), ENPOCEM, NDCON, SHAILA ENRERPRISES, RDC CONCRETE, TECHNO PRIME RMC PVT LTD, VK READYMIX CONCRETE Pvt. Ltd., ASHTECH, SHRI RAM READYMIX CONCRETE, SURENDRA SPUN PIPES(Pr. Chief Engineer's letter No. Pr. CE(M)/PWD/2021/197(H) dated: 08.07.2021. (For 2 years Only) M/s. Shri SALASAR BALA JI CONCRETE WORKS LLP. (Pr.Chief Engineer's letter No. Pr. CE(M)/PWD/2021/234(H) dated: 19.07.2021, NDCON Construction RMC Plants. (Chief Engineer's letter No. E-in-C/PWD/Works/2023/NMET/3732 dated: 20.06.2023.
6	WHITE CEMENT	BIRLA WHITE, J.K. WHITE, TRAVANCORE
7	AAC BLOCK	SHREE, INSTABLOCK, BILTECH, MAGICRETE, SIPOX, BIRLA AEROCON, J.K., CLAVECON INDIA PVT. LTD., J.K. LAKSHMI, B.G. SHIRKE
8	BLOCK JOINTING MORTAR	JK LAKSHMI, BIRLA AEROCON SAMARTFIX, MYK SCHOMBURG
9	GLAZED CERAMIC TILES	RAK CERAMICS, SOMANY, KAJARIA. NITCO, ORIENT BELL, JOHNSON, ASIAN (AGL) Spartek, Romano SIMERO Vitrified Pvt. Ltd. (Director work, PWD, letter No. E-in-C/PWD/Works/2023/NMET/2977 Dated: 17.05.2023 for 2 Years, SUNHEART TILES (dy. Director work, PWD, letter No. E-in-C/PWD/Works/2023/NMET/3820 Dated: 22.06.2023 for 2 Years,
10	VITRIFIED TILES	RAK CERAMICS, SOMANY, KAJARIA. NITCO, ORIENT BELL, JOHNSON, ASIAN (AGL), RESTILE, SIMERO Vitrified Pvt. Ltd. (Director work, PWD, letter No. E-in-C/PWD/Works/2023/NMET/2977 Dated: 17.05.2023 for 2 Years, SUNHEART TILES (Dy. Director work, PWD, letter No. E-in-C/PWD/Works/2023/NMET/3820 Dated: 22.06.2023 for 2 Years,
11	WALL PUTTY	J.K. WHITE, BIRLA WHITE, SARA PUTTY, STP LTD., SHALIMAR, ASIAN, BERGER, BIRLA AEROCON SMARTPUTTY, SAKARNI WALL GUARD
12	PLASTER OF PARIS	JK LAKSHMI, SAKARNI, SHRIRAM, NIRMAL
13	GYPSUM PLASTER	SAINT GOBAIN, SAKARNI, J.K. LAKSHMI Dudhi (Dy. Director work, PWD, letter No. E-in-C/PWD/Works/2023/NMET/3832 Dated: 23.06.2023 for 2 Years,
14	CC PAVERS, PRECAST CC KERB STONE, CC TILES, RCC SLAB	NITCO, BHARAT, HINDUSTAN, ULTRA, KJS CONCRETE, DURACRETE, KK MANHOLE & COVERS, TERRA FIRMA, PAVER INDIA, DALAL, UNISTONE, CICO, S&S, MOON LIGHT, SWASTIK, ECOCRETE, ASHOKAA TILES (Superintending Engineer, letter No. 23(51)/South-East (M)/PWD/2018-19/629 dated: 19.03.2019, SHREE SHYAM TILES (Chief Engineer, letter No. 23(224)/CE(S)EE(P)/PWD/2019-20/1758 dated: 05.04.2019.
18	GRASS PAVER	UNISTONE, ULTRA, HINDUSTAN, KK, KJS
19	SFEC/PRECAST C.C. COVERS	KK MANHOLE & COVERS, JAIN, PRAGATI, HINDUSTAN
20	FLYASH BRICKS	POWER BRICK, YBW PROJECT, ASHTECH INDUSTRIES PVT. LTD.

21	GLASS MOSAIC TILES	PALLADIO, CORAL, MRIDUL, BISAZZA, MMG TILES
22	INSULATION FOR PIPE, RUBBER INSULATION	KAIFLEX, ARMAFLEX, CAREFLEX, VIDEOFLEX AFLEX
CONSTRUCTION CHEMICALS		
1.	WATERPROOFING COMPOUND	VELOSIT, FOSROC, PIDILITE, SIKA, SUNANDA SPECILITY COATINGS, MYK SCHOMBERG, STP LTD., X-CALIBUR CONSTRUCTION SYSTEMS INC, SUPREME BITUCHEM INDIA PVT LTD, MC BAUCHEMIE, RachTR CHEMICALS, CHOWGULE, FIRESTONE Dr. fixit, Tapecrete P-51, Beckbond PU-22, Chemseal, Techcoat 61-P/ as approved
2.	ADMIXTURES	FOSROC, SIKA, VELOSIT, CICO, BASF, STP PVT., SUNANDA SPECILITY COATINGS, MYK SCHOMBERG, HEADWAY CHEMICALS INDIA PVT. LTD., SUPREME BITUCHEM INDIA PVT. LTD., MC BAUCHEMIE, CHOWGULE
3.	TILE ADHESIVE	BAL ENDURA, LATICRETE, FOSROC, SUNANDA SPECILITY COATINGS, MAGICRETE, VELOSIT, HEADWAY CHEMICALS INDIA PVT. LTD., SUPREME BITUCHEM INDIA PVT. LTD., RachTR CHEMICALS, CHOWGULE, STP LTD.
4.	GROUTING COMPOUND	BAL ENDURA, LATICRETE, SUNANDA SPECILITY COATINGS, FOSROC, CICO, STP Ltd., VELOSIT, WEBBER, MYK SCHOMBURG, HEADWAY CHEMICALS INDIA PVT. LTD., SUPREME BITUCHEM INDIA PVT. LTD., RachTR CHEMICALS, CHOWGULE, STP LTD.
5.	EPOXY MORTAR	FOSROC, VELOSIT, SIKA, SUNANDA SPECILITY COATINGS, CICO, HEADWAY CHEMICALS INDIA PVT. LTD., SUPREME BITUCHEM INDIA PVT LTD, MYK SCHOMBURG, RachTR CHEMICALS, CHOWGULE, STP LTD.
6.	HIGH PERFORMANCE EPOXY BASED RESIN ANCHOR SYSTEM	BASF, FOSROC, HILTI, SUNANDA SPECILITY COATINGS, X CALIBUR CONSTRUCTION SYSTEM INC, SUPREME BITUCHEM INDIA PVT. LTD., RachTR CHEMICALS, CHOWGULE, STP LTD.
7.	POLYSULPHIDE/ SILICON SEALANT	GE, DOW CORNING, PIDILITE, WACKER, SUNANDA SPECILITY COATINGS, CONSTRUCTION PRODUCTS INDIA LTD, HEADWAY CHEMICALS INDIA PVT. LTD., SUPREME BITUCHEM INDIA PVT. LTD., BENGAL BITUMAN, MYK SCHOMBUH, STP LTD.
8.	SOLVENT BASED SILICON REPELLENT COATING	PEDILITE, GE, MC BAUCHEME, WACKER, VALOSIT, SUNANDA SPECILITY COATINGS, X CALIBUR CONSTRUCTION SYSTEM INC, RachTR CHEMICALS, CHOWGULE, MYK SCHOMBURG, STP LTD.
9.	FLOOR HARDENER	PEDILITE, FOSROC, SIKA, MC BAUCHEME, VALOSIT, MYK SCHOMBURG, X CALIBUR CONSTRUCTION SYSTEM INC, SUPREME BITUCHEM INDIA PVT. LTD. RachTR CHEMICALS, STP LTD.
10.	FIRE RETARDANT PAINT	SUNANDA SPECILITY COATINGS, AKZO, STP LTD.
11.	APP MEMBRANE WATERPROOFING	PIDILITE, SIKA, STP LTD., TEXSA BITUMAN CO. LTD., SUNANDA SPECILITY COATINGS, HEADWAY CHEMICALS INDIA PVT. LTD., SUPREME BITUCHEM INDIA PVT. LTD., BENGAL BITUMEN, CHOWGULE, MYK SCHOMBURG
12.	A. INTEGRAL CRYSTALLINE ADMIXTURE FOR CONCRETE WATERPROOFING TREATMENT	VELOSIT, PENETRON, KRYTON, SUNANDA SPECILITY COATINGS, X CALIBUR CONSTRUCTION SYSTEM INC, MC BAUCHEMIE, CHOWGULE, MYK SCHOMBURG, STP LTD.
	B. CRYSTALLINE POWER WATERPROOFING COATING	VELOSIT, PENETRON, KRYTON, SUNANDA SPECILITY COATINGS, X CALIBUR CONSTRUCTION SYSTEM INC, BENGAL BITUMEN, CHOWGULE, MYK SCHOMBURG, STP LTD.
13.	ADHESIVES	FEVICOL, ANCHOR, DUNLOP, 3M, PIDILITE, SIKA, THERMOSHIELD, VAMORGANIC, MYK SCHOMBURG, VELOSIT, X CALIBUR CONSTRUCTION SYSTEM INC, Rach TR CHEMICALS, CHOWGULE, , STP LTD.
14.	WEATHER SILICON SEALANT	WACKER, DOW CORNING, MCCOY, SOUDAL, SUNANDA SPECILITY COATINGS, RachTR CHEMICALS, STP LTD.

15.	BACCKER ROD	SUPREME IND. LTD., SYSTRANS POLYMERS, RachTR CHEMICALS,
16.	BITUMEN, VRMB-55, CRMB-60, PMB	INDIAN OIL, HINDUSTAN PETROLEUM, BHARAT PETROLEUM, SWASTIK, SHIVA ASPHALT, OOMS PMR PVT. LTD., BENGAL BITUMEN, STP LTD.
17.	SUNKEN PORTION/TERRACE WATERPROOFING CEMENTITION TREATMENT	VELOSIT, FOSROC, SIKA, MC BAUCHEMIE, SUNANDA SPECILITY CAOTINGS, X CLIBUR CONSTRUCTON SYSTEM INC, SUPREME BITUCHEM INDIA PVT LTD., MYK SCHOMBURG, BENGAL BITUMEN, CHOWGULE, FIRESTONE, STP LTD.MAKPHALT(ADG, letter No. 23(08)/ADG(Proj.)/PWD/2022-23/60/ Dated: 06.01.2023.(for Two Years).
18.	CURING COMPOUND	FOSROC, VELOSIT, SUNANDA SPECILITY CAOTINGS, SIKA, BASF, MC BAUCHEMIE, SUPREME BITUCHEM INDIA PVT LTD., MYK SCHOMBURG, RachTR CHEMICALS, STP LTD.
19.	PVC WATER STOPS	FOXOPAM, MARUTI RUBBER, VELOSIT, X CALIBUR CONSTRUCTION SYSTEMS INC.
20.	CORROSION INHIBITIONG ADMIXTURE (ASTM GI, ASTM G3, ASTM G 109)	SUNANDA SPECILITY COATINGS, BASF, FOSROC, SIKA, MYK SCHOMBURG, VELOSIT, STP LTD.
21.	LIQUID APPLIED MODIFIED PU WATERPROOFING MEMBRANNE FOR BRIDGE WARETPROOFING/TERRACE WATERPROOFING	VELOSIT, SUNANDA SPECILITY CAOTINGS, BASF, X CLIBUR CONSTRUCTON SYSTEM INC, BENGAL BITUMEN, CHOWGULE, MYK SCHOMBURG, FIRESTONE, STP LTD.
22.	ANTICARBONATION COATINGS	SUNANDA SPECILITY COATINGS, VELOSIT BASF, FOSROC, ICI LTD., HEADWAY CHEMICALS INDIA PTV LTD., SUPREME BITUCHEM INDIA PVT. LTD., MC BAUCHEMIE, CHOWGULE, NEROLAC, BERGER, ASIAN PAINTS, MYK SCHOMBURG, STP LTD.
23.	FOOD GRADE EPOXY COATING	SUNANDA SPECILITY COATINGS, SIKA, BASF, VELOSIT, X CALIBUR CONSTRUCTION SYSTEMS INC, RachTR CHEMICALS, CHOWGULE, MYK SCHOMBURG, STP LTD.
24.	EPOXY FLOORING	SUNANDA SPECILITY COATINGS, SIKA, BASF, RachTR CHEMICALS, CHOWGULE, MYK SCHOMBURG, STP LTD.
25.	PU LFOORING	SUNANDA SPECILITY COATINGS, SIKA, BASF, VELOSIT, X CALIBUR CONSTRUCTION SYSTEMS INC, RachTR CHEMICALS, CHOWGULE, MYK SCHOMBURG, STP LTD
26.	IMTUMESCENT COATINGS	SUNANDA SPECILITY COATINGS, AKZO NOBEL, FSI LTD., STP LTD.
27.	PU COATINGS FOR STRUCTURAL STEEL	SUNANDA SPECILITY COATINGS, SIKA, VELOSIT, X CALIBUR CONSTRUCTION SYSTEMS INC., CHJOWGULE, STP LTD
28.	EPOXY COATINGS FOR STRUCTURAL STEEL	SUNANDA SPECILITY COATINGS, SIKA, X CALIBUR CONSTRUCTION SYSTEMS INC, RachTR CHEMICALS, STP LTD.
	EPDM GASKET	HANU, ANAND, RAVEN, ZERO, ROOP, LESCUYER, BENGAL BITUMEN
PAINTS		
1	WATER-PROOFING CEMENT PAINT	ASIAN, ICI LTD., BERGER, NEROLAC, SNOWEM, Rach TR CHEMICALS, CHOWGULE, STP LTD.,
2	TEXTURED EXTERIOR PAINT	ASIAN, BERGER, NEROLAC, SUNANDA SPECILITY COATINGS, ICI, CHOWGULE, STP LTD.
3	SYNTHETIC ENAMEL PAINT	ASIAN, ICI LTD., BERGER, NEROLAC, GARWARE, SHALIMAR
4	PLASTIC/ACRYLIC EMULSION PAINT	ASIAN, ICI LTD., BERGER, NEROLAC, SUNANDA SPECILITY COATINGS, MYK CHOMBURG, STP LTD
5	OIL BOUND DISTEMPER	ASIAN, ICI LTD., BERGER, NEROLAC,
6	CEMENT PRIMER	ASIAN, ICI LTD., BERGER, NEROLAC, SNOWECM INDIA LTD.
7	PREMIUM ACRYLIC SMOOTH EXTERIOR PAINT EMULSION	BERGER, ASIAN, SUNANDA SPECIALITY COATINGS, NEROLAC, ICI LTD, SHALIMAR
8	STEEL/ WOOD PRIMER	ASIAN, ICI LTD, BERGER, NEROLAC
9	EPOXY PAINT	ASIAN, ICI LTD, BERGER, NEROLAC, SNOWCEM INDIA LTD, SUNANDA SPECIALITY COATINGS, RachTR CHEMICALS

10	WOOD FINISH (MELAMINE & PU POLISH)	ASIAN, ICI LTD, BERGER, NEROLAC, PIDILITE, WEMBLEY, STP LTD
11	THERMOPLASTIC PAINTS	ASIAN PAINTS, BERGER, RELIANCE, THERMOPLAST, S.N. IND OSCAR, AUTOMARK (INDIA) INDUSTRIES LTD, STP LTD.
12	ROAD MARKING PAINT	NEROLAC, ASIAN, SHALIMAR, BERGER, STP LTD.
WOOD WORK		
1	PLY BOARD PLYWOOD	GREENPLY, DURO, CENTURY, MERINO, ARCHID, KITLAM, NATIONAL, ANCHOR, SWASTIK
2	LAMINATE	ARCHID, MERINO, GREEN, CENTURY, KITLAM, FORMICA, NATIONAL DECOLAM, FORMICA
3	VENEER PLY, NATURAL WOOD VENEERS	MERINO, GREEN LAM, DURO, CENTURY, SONEAR, TRU-WOOD, MAYUR, ARCHID, KITLAM
4	PRELAMINATED PARTICLE BOARD	CEBTURY, KITLAM, MERINO, ACTION TESA, ARCHID NATIONAL ECOBOARD, ANCHOR, BHUTAN BOARD, GREEN LAM
5	FLUSH DOOR	CENTURY, ARCHID, MERINO, KITLAM, NATIONAL, SWASTIK, CORBETT, KUTTY FLUSHDOOR, DURO, GREEN LAM, SITAPUR
6	GYPSUM BOARD	INDIA GYPSUM, LAFARGE, SAINT GOBAIN, USG BORAL. AMF
7	LOCKS, LETCH	GODREJ, HARRISON, PLAZA, YALE, HETTICH, HARDWYN, DORMA
8	FRICTION STAY HINGES, BALL BEARING HINGES & SPRING HINGES	EARL-BIHARI, EBCO, GODREJ, DORMA, HAFELE, GEZE
9	NUTS, BOLTS, & SCREWS	GKW, KUNDAN, PRIYA, ATUL, PUJA
10	BASH, ANCHORING FASTENERS & CRAMP	HILTI, FISCHER, AXEL, CANON, BOSCH
11	MDF BOARD	NIJWOOD DURATUFE BAJAJ
12	FRAME SYSTEM FOR INTERAL PARTITION	SAINT GOBAIN, GYPROC, USG BORAL, AMF
ALUMINIUM, STEEL FALSE CEILING, ROOF AND GLASS WORK		
1	STAINLESS STEEL HARDWARE FITTINGS (HEAVY DUTY)	DORMA, OZONE, GODREJ, GEZE, HAFELE, BLUM, DORSET, PERGO
2	ALUMINIUM SECTIONS FOR DOORS, WINDOWS & PARTITIONS ETC.	JINDAL, HINDALCO, INDALCO, NALCO, BHORUKA, INDAL,
3	ANODISED ALUMINIUM HARDWARE (HEAVY DUTY)	NU-LITE, SARGENT, EVERITE, GODREJ, HARDIMA, HARDWARE, KLASSIC, ALKA, JINDAL
4	CLEAR/FLOAT. PROSTED GLASS	MODI, SAINT GOBAIN, ASAHI, PILKINGTON, GOLD PLUS, GLAVERBEL (BELGIUM), ATUL, MODIGUARD
5	FIRE RETARTDENT ALUMINIUM COMPOSITE PANEL	ALSTRONG, REYNOBOND, ALPOLIC, ALUDECOR, ALUCOBOND, ALSTONE, CROSS BOND, ALUBOND DACS, ALUTECH., VIRGO (ADG Project, letter No. 23(8)/ADG(Proj.)/PWD/2022-23/1120 Dated: 05.08.2022 for Two Year)
6	STAINLESS STEEL SECTION	JINDAL, KICH, ESSAR, NSTYLE-D-LINE, FABRINOX, SALES STEEL.
7	HIGH PERFORMANCE SOLAR TOUGHENED GLASS	SAINT GOBAIN, ASAHI, PILKINGTON
8	REFLECTIVE GLASS/LACQUE RED GLASS	SAINT GOBAIN, ASAHI, PILKINGTON, GLAVERBAL (BELGIUM), MODIGUARD, ATUL
9	FALSE CEILING –GYPSUM/GRG	SAINT GOBAIN, LAFARGE, INDIA GYPSUM, GYROC/BORAL, DIAMOND CEILINGS.
10	FALSE CEILING, METAL WITH SUPPORTING GRID.	SAINT GOBAIN, ARMSTRONG, DEXUNE, USG BORAL, ECOPHONE, DECOSONIC, DAIKIN, UNI-MAT, Hi-Steel (ADG's, letter No. 23(08)ADG(Proj.)/PWD/2022-23/563 dated: 27.03.2023.
10 (i)	FALSE CEILING BAFFLES, LINNER AND OPEN CEILING SYSTEM	Hi-Steel (ADG's, letter No. 23(08)ADG(Proj.)/PWD/2022-23/563 dated: 27.03.2023.
11	FIRE RATED GLASS	ST. GOBAIN, PILKINGTON, SCHOTT

12	UPVC WINDOW/DOORS	FENESTA, REHAU, ALUPLAST, PRIZMA, DUROPLAST, WINTech, VEKA INDIA, KOMMERLING
13	FIRE DOOR	GODREJ, SHAKTI, NAVAIR
14	PVC DOORS	RAJSHREE, FINOLEX PLASTICS, E-PLANTA, POLYLINE
15	FRP DOOR	FIBREWAYS, ASHOO MODEL, ARTS NAVIER, SUKARI PROMAT, KUTTY, JINDAL SATINLESS
16	FACTORY MADE SECTION WINDOW	ISI MARKES PRODUCT ONLY
17	PUFF INSULATED PANEL	LLOYD INSULATION/JINDAL/METECNO/SYNERGY
18	ANTISTATIC HIGH PRESSURE LAMINATE	FORMICA, MERINO, ANALCO, CENTURY, BAKELITE HYLAM, DECOLAM, SUNMICA (AICA), VIRGO (ADG Project, letter No. 23(8)/ADG(Proj.)/PWD/2022-23/1120 Dated: 05.08.2022 for Two Year)
19	MIRROR	SAINT GOBAIN, MODIGUARD, AIS, ATUL, GOLDEN, PILKINGTON
20	ROCK WOOL/GLASSWOOL INSULATION	TWIGAFIBER, LLOYD INSULATION, SUPREME, SIPLA, UNIFEB
21	FRAME SYSTEM FOR INTERNAL	SAINT GOBAIN, GUPROC, BOROL AMS
22	WIRE MESH	HAVER STANDARD, GRAND METAL STRELING, TRIMURTY WELDED MESH, TIGER
23	HYDRAULIC DOOR CLOSER/FLOOR SPRING	HARDWYN GODREJ, YALE EVERITE, DOORKING, KELWIN, DORMA, HAFELE, GEZE
24	S.S. RAILING	JINDAL ICICH, ESSAL, DORMA, CONNECT ARCHT, FABRINOX, STEEL N STYLE
25	G.I. SHEET	SAIL, TATA, JINDAL, ISPAT
26	FIBRE GLASS SHEET	SIMCRYL(SIMBA), FIBERWAYS, ADVANCE FIBRE
27	M.S. DOOR, GITTINGS	ASHISH, OFFORD, GRAG, ADARSH
28	FIRE CHECK DOOR	ROMAT, KUTTY DOOR, NAVIER
29	SMOKE SEAL STRIP	IMPORTED PROMAT, ASTRO FLAME
30	DOOR CLOSE LOCK	INGEROLL RAND, DORMA
31	PANIC EXIT DEVICE	INGEROLL RAND, MONARCH
32	DOOR COORDINATOR	UL-LISTED, MONARCH
33	TEMPERED GLASS	MODIFLOAT, SAINT GOBAIN, ASAHI, GLAVERBEL
34	DOORS & WINDOWS FIXTURE	EVERLITE, GODREJ, HARDIMA, HARDWARE, KLASSIC ALKA, JINDAL
35	METAL FIRE CHECK DOORS	NAVAIR, SHAKTI-MET GODREJ
36	STEEL WINDOW	(i) M/S. UNITED ENGG. WORKS RAM NAGAR (ii) M/S. METAL WINDOW CORP. ROHTAK (iii) M/S. SKS STEEL INDUSTRIES PIRGARHI (iv) ANY OTHER ISI MARKED FACTORY MADE (v) JANGID ENGINEERING WORKS (JAIPUR)
37	MS PRECOATED ROOFING SHEET	TATA BLUESCOPE/INTERRACH MULTICOLOR, LLOYD STEEL, ISPAT STEEL
38	FIBRE CEMENT BOARD (FLEX-O-BOARD)	HYDERABAD INDUSTRY LTD, VISHAKHA, EVEREST INDUSTRY LTD. JAMES HARDIE, SHERA
39	LOSFS FRAME	TATA BLU SCOPE, J.S.W, ESSAR, ISPAT STEEL
40	FABRICATORS FOR ALUMINIUM GLAZING, STRUCTURAL GLAZING, ALUMINIUM DOOR & WINDOWS, ACP WORK.	ALUMAX, WINDORZ INDIA PVT LTD, JANGID ENGINEERING WORKS (JAIPUR),

41	STAINLESS STEEL FABRICATORS	VETERAN INDUSTRIES (INDIA), KANZ, D LINE, EARL BEHARI, ANAND
42	GALVANISING	JENCO/STEEL LINE, LITE, KARAMTARA
43	LAMINATE FLOORING	ARMSTRONG, PEROG, FLORENCE, ACTION TESA
44	PVC FLOORING & VINYL WALL	ARMSTRONG, FORBO, GERELOR, INPROCORP
45	WELDING ELECTRODE	RAAJRATNA ELECTRODES, ESAB INDIA, ADORE WELD LTD, HONAVAR ELECTRODE
WATER SUPPLY AND SANITARY WORKS		
1	FIRECLAY SINKS & DRAIN BOARDS	PARRY, SANIFIRE
2	G.I. FITTING (MALLAEBLE CAST IRON)	UNIK, ICS, AMCO, KS, NVR
3	C.I. DOUBLE FLANGED NON-RETURN VALVES	KIRLOSKAR, SANT, KARTAR, RPF (ADG Project, letter No. 23(8)/ADG(Proj.)/PWD/2020-21/594 dated: 17.06.2020 for One Year)
4	PTMT FITTINGS	PRYAG, POLYTUF
5	KITCHEN LOFT TANK	SINTEX, TIRUPATI, KMS, PLANET, SRI KAMAKSHI, SREYAH NOVEL
6	PLASTIC SEAT TANK	HINDWARE, CERA, PARRYWARE, KOHLER, NYCER, JOHNSON PEDDAR
7	PVC CISTERN	HINDWARE, CERA, PARRYWARE, KOHLER, NYCER, JOHNSON PEDDAR
8	C.I. MANHOLES COVERS	BIC, KAPILANSH DHATU UDHYOG, NEECO, RIF, BCM, SKF, HIF
9	BRASS STOP & BIBCOCK	ZOLOT, SANT, L&K
10	BRASS BALL VALVE WITH FLOATS	ZOOTO, LEADER, SANT
11	SS HINGED GRATING	GMGR, NEER, CHILLY
12	SANITARY ACCESSORIES	JAQUAR, KIMBERLY, CLARKE, DLINE, EURONICS, CARLF, KOHLER SNEARLING, KEROVIT, PARKO, KINGSTON, PARK, PRAYAG, HINDWARE
13	BACK UP ROD	SUPREME INDUSTRIES
14	MASKING TAPE	SUNCONTROL, WONDER POLYMER
15	TREATMENT ON MS BRACKETS	GALVANISED BRACKETS AS PER IS:4759-1996, 610
16	PVC CONTINUOUS FILLET FOR PERIPHERY PACKING OF GLAZING CURTAIN WALL	ROOP, ANAND, FOREX PLASTIC
17	C.P. ACCESSORIES	GEM, PARKO, KINGSTON, HINDWARE, CERA
18	MOISTURE RESISTANT BOARD	ST-GOBAIN, GYPROC, USG BORAL
19	STAINLESS STEEL MESH	GKD/WMW
20	FLOOR TRAP	JAINA, CHILLY, NIRALE
21	VITREOUS CHINA SANITARY WARE AND FITTINGS	JAQUAR, HINDWARE, CERA, PARRYWARE, KOHLER, NYCER, JOHNSON PEDDAR, SOMANY
22	STAINLESS STEEL SINKS	NEELKANTH, JAYNA, FRANKE, ANUPAM, NIRALI, COBRA, ALEX, JAYNA, AMC, PRAYAG, CERA
23	C.P. BRASS FITTINGS	JAQUAR, SOMANY, PARRYWARE, GROHE, KOHLER, GEM, PARKO, KINGSTON, PARK, PRAYAG, HINDWARE, JOHNSON
24	CENTRIFUGALLY CAST (SPUN) IRON PIPES & FITTINGS	NECO, RIF, SKF, ACL, HEPKO, MARC, GEM, BIC, HIF, JAISWAL, BC
25	CENTRIFUGALLY CAST (SPUN) IRON PIPES (Class LA)	RIF, NECO, SKF, ACL, HIF
26	CPVC PIPES & FITTINGS	ASTRAL, PRINCE, SUPREME, FINOLEX, PRAKASH, AJAY, ASHIRWAD, BIRLA, AEROCON, KISAN, APL APPOLLO

27	G.I. PIPES	TATA, JINDAL, ZENITH, SURYA, GST, KALINGA, PRAKASH, HISSAR
28	G.I. FITTINGS	UNIK, ZOLOTO, KS, ICS, R, KS, NVR, JINDAL, R BRAND, AMCO
29	UPVC PIPES & FITTINGS	ASTRAL, PRINCE, SUPREME, FINOLEX, PRAKASH, AJAY, ASHIRWAD, BIRLA, AEROCON, KISAN,, APL APOLLO
30	GUNMETAL VALVES	LEADER, SAINT, ZOLOTO, KIRLOSKAR, CASTLE, KARTAR, KILBURN
31	BALL VALVES	LEADER, SAINT, ZOLOTO, CASTLE, IBP, ARCO
32	BUTTERFLY VALVES	LEADER, SAINT, ZOLOTO
33	C.I. SLUICE VALVES	KIRLOSKAR, IVC, BURN
34	SFRC MANHOLE COVER	KK, JAIN, PRAGATI, BIC, KAPILANSH DHATU UDHYOG, NECO, RIF, BCM, S.S. & CO., SURENDRA SPUN PIPES (Engineer-in-Chief, letter No. E-in-C/PWD/Works/NMET/2020/1660(e) dated: 02.06.2020.
35	G.I. PIPE JOINTING MATERIALS	LOCTILE 55/DR. FIXIT, MC BAUCHEMIE
36	STONWARE PIPES AND GULLY TRAP	PERFECT, BURN, ANAND, PARRY, SKINS GROHE, HIND
37	WATER PUMPS	KIRLOSKAR, KSB, HARRISON
38	ELECTRICAL MOTORS	SIEMENS, KIRLOSKAR, NGEF
39	PVC WATER TANK	SFMC/SINTEX/SPL, UNITEK, SHEETAL, POLYCON ELECTRO PLAST, STAR, LOTUS
40	SEWAGE WATER/RAIN WATER PIPES	ASTRAL, PRINCE, SUPREME, FINLOEX. PRAKASH, AJAY, ASHIRWAD, BIRLA AEROCON, KISAN
41	FIRE FIGHTING PIPES	JINDAL, TATA, APL APOLLO, PRAKASH SURYA
STONE AND OTHER WORKS		
1	CLAMP SYSTEM FOR DRYSTONE CLADDING	HILTI, FISCHER, BOSCH
MISCELLANEOUS ITEMS		
1	SIGNAGES	PROLITE, GLOLITE, VISTA
2	THERMOPLASTIC	M/s. Kataline Infraproducts Pvt. Ltd. (Pr.Chief Engineer's letter No. Pr. CE(M)/PWD/2021/233(H) dated: 19.07.2021
3	HORIZONTAL / VERTICAL BLIND	LUXAFLEX, TRAC, VISTA LEVLOR / AS APPROVED

Note:

- 1 If any material mentioned in the approved list is not manufactured by manufacturers than other make material confirming to specification with prior approval of Engineer-in-charge can be used.

List of work to be executed under the work Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi-11025.

1. BOUNDARY WALL

- Concertina coil with 'Y' shape MS section over existing MS grill of boundary wall.
- Repair of damaged RCC/ CC coping wherever required.
- Repair of damaged MS grill by providing new MS section by welding wherever required.
- Painting of MS grills as well as brick masonry wall.

2. PARKING AREA IN FRONT OF BUILDING

- Taking out of damaged / undulated paver block area and providing and laying new paver block and refixing old serviceable paver block wherever required.
- Dismantling of damaged CC pavement and laying of CC with required grade.

3. INSIDE OPEN AREA OF BUILDING

- Replacement of damaged Kota stones with white marble stone strips wherever required.
- Replacement of damaged RCC drain covers on the back side of building near electric installations area.
- Replacement of damaged RCC covers of drainage chamber in the open area and missing CI covers with frame size 30cm x30 cms in the electric installation area.
- Replacement of eroded/ damaged Cement concrete pavement with required grade of CC in the electric installations area on the back side of the building.
- Shade for DG Sets and electric installation made of MS tubular section with profile sheet roofing and other fittings etc.
- There are a small shade over UG water storage tank needs to be dismantled and serviceable material will be re-used in proposed shade for DG sets.
- Cleaning and repaired of electric cable duct and filling with sand after repair and providing precast RCC cover on electric cable duck.
- Cement concrete pavement with required grade of CC in the area of electric installation at back side of building.
- The cleaning of underground tank as well as terrace tank.

4. EXTERNAL / TERRACE OF MAIN BUILDING

- Inside repairing and plastering of electric meter room and replacement of damage/ missing brick tiles on outer wall surface.
- Replacement of damaged polycarbonate sheet roofing of dom on main entrance of building as well as in front of fire room and access of staircase at terrace.
- At few places white sand stone cladding is damaged which to be repaired / replaced.
- In some stones dash fasteners have not been provided. So, to secure the holding of the stones it is necessary to provide dash fasteners on such stones.
- In the front portion of terrace MS ladder does not have steps and some portion of MS pipe railing is also missing. Provision of MS steps and MS pipe railing has been made. There is no approach for terrace tank.
- Back portion of terrace having prominent cracks and cause leakage in the building. of which need water proofing treatment.
- In the front portion of terrace floor skirting is coming out which need repaired / new skirting.

5. INSIDE BUILDING

(A) Renovation of All Common Ladies and Gents Toilets.

- Dismantling of existing wall & floor tiles including plaster stone flooring, GI pipes, wash basin, water closet, urinals with fittings etc and taking out of cinder from sunken floor of toilet.
- Dismantling of damaged / worn out door chaukhat and shutter wherever required.
- Water proofing treatment of sunken floor and refilling the cinder after water proofing.
- Making opening for concealed sanitary shaft with alu. Window.
- P/F CPVC pipes of required dia in toilet and sanitary fittings.
- Providing and fixing of wall and floor tiles of required size design.
- P/F wooden door frame and shutter including fittings and painting.
- P/F sanitary fittings such as WC, WB, Urinal and CP brass fittings of required dia meter /size.
- Replacement of sci soil waste pipe with PVC pipe and fittings of required dia.
- Replacement of GI pipe with CPVC pipe and fittings of required dia.

(B) Other Items

- Repair of defective aluminum door shutter and replacement of defective floor spring wherever required.
- Replacement of missing / damaged aluminum window & door handle.
- Replacement of damaged open able false ceiling panels for AC evaporators in the corridor.
- Rubbing and polishing of marble and granite flooring of corridor and stair case.
- Repair of plaster at scattered places like basement, fire room, parapet at terrace toilets etc.
- Repair of replacement of damaged stone flooring at few places.
- Inside and outside painting of the building including painting of doors, MS grill , Gates, MS ladder at terrace and frame of the main signage of the NCPUL erected at terrace.

6. Electrical

- P/F aluminum powder coated wall mounted LED flood light on external wall of NCPUL building.
- Replacement of round ceiling light and twin LED lights wherever required

PREAMBLE TO THE SCHEDULE OF QUANTITIES

While quoting rates for each item of work, the Contractor shall quote for the following provisions irrespective whether it has been mentioned or not in the description and / or drawing of the item without any extra claim / payment.

- 10.01 All exposed surfaces of timber (any variety) shall also have necessary coat of wood primer / putty and paint / polish as per description in the item.

- 10.02 All exposed surfaces of brass and aluminum shall be treated with necessary lacquer finish and the cost for the same shall be built into the prices quoted for such items.

- 10.03 Before making bulk quantities, the contractor shall make each of the item as a sample and get it approved in writing from the Construction Manager. Minor modifications if any as suggested by the Architect / Owner shall have to be incorporated without any extra cost.

- 10.04 The specifications, which are not included in the Technical Specifications mentioned earlier, shall be as per ISI Specifications.

- 10.05 All exposed edges of ply / board shall be fixed with teak wood lipping which shall not be paid for as extras.

- 10.06 Thickness of laminate used shall be 1.5 mm unless specified otherwise.

- 10.07 All fabric shall be treated with approved fabric protector without any cost over and above that which has been quoted for the respective items.

- 10.08 All exposed Steel-work in furniture and glazing shall be powder coated in an approved shade and sample of powder coating must be approved by the Architect before bulk job is undertaken.

- 10.09 Each shutter and drawer shall have all standard hardware including locks. The cost for such hardware should be built into the cost quoted and extra claim shall be entertained.

- 10.10 All enclosed spaces that are to be eventually used by a single user shall have only one set of locks for drawers, shutters etc. openable by the same single key. This shall not attract any cost above that which has been quoted for the item.

- 10.11 All shutters that are to be laminated shall be laminated on both faces whether they are mentioned in the drawings / specifications or not. Cost for the same shall be built into the price quoted.
- 10.12 All gypsum board partitions and panelling works shall be done using and incorporating all details, hardware, lippings, beadings etc. in true accordance with the specifications, shop drawings and prescriptions of the manufacturers M/s India Gypsum Limited.
- 10.13 All doors shall be provided with locks, knobs, bolts, concealed door closers, door stays, floor springs as may be required by the design / specifications / architect / construction manager etc. These as well as door frames / chowkhats including necessary beading as shown in the drawings shall constitute the entire item and not extra claims on them shall be entertained.
- 10.14 All storages, furniture items, partitions, and panelling shall have Cedarwood mouldings, beadings, lippings and skirtings wherever shown on drawings / specifications etc. These shall form integral parts of the items without attracting any extra cost.
- All sofas, pinup boards etc. shall be inclusive of fabric or other upholstery material. The Architect and the Owner shall approve the fabric.
- All quantities in the schedule of quantities are approximate and are liable to change upon actual measurements. The contractor shall be paid on actual measurements basis only.
- 10.15 All gypsum partitions and paneling will have two or more coats of plastic emulsion paint of approved make, shade and quality.
- 10.16 Cost for covers, cornices, moldings, cut outs, trap doors, frame work for light fixtures etc. shall be assumed to have been built into the final rate quoted for the false ceiling and no extra claims shall be entertained against these.

FINANCIAL VIABILITY

1. Owner's capital in the business (in case of Partnership)/Proprietor /firm
Please mention shares and amounts).

Percentage

2. Quantum of business done/ turnover during last three financial years.

i) Rs.

ii) Rs.

iii) Rs.

3. Value of fixed assets of the business in last three years.

i) Rs.

ii) Rs.

iii) Rs.

4. Over draft limits (if any enjoyed by the firm. (State Value)

1. Please enclose audited profit and loss account and balance sheet for last three years (Indicate no. of sheets).
2. Certificate from Scheduled Bank to prove Contractor's financial capacity to undertake the work duly indicating the financial limits the tenderer enjoys yes.

(Signature of tenderer)
With Stamp

Note: - All the above documents should be duly certified by auditors Bank as may be applicable.

ANNEXURE - B**DETAILS OF EXPERIENCE****FORM 'C'****DETAILS OF ELIGIBLE SIMILAR NATURE OF WORKS COMPLETED DURING
THE LAST SEVEN YEARS ENDING MARCH 2024**

Sl. No.	Name of work/project and location	Owner or sponsoring organization	Cost of work in crores of rupees	Date of commencement as per contract	Stipulate date of completion	Actual date of completion	Litigation/arbitration cases pending/in progress with details*	Name of address/telephone number of officer to whom reference may be made	Whether the work was done on back to back basis Yes/No
1	2	3	4	5	6	7	8	9	10

Certified that the above list of works is complete and no work has been left out and that the information given is correct to my/out knowledge and belief.

* Indicate gross amount claimed and amount awarded by the Arbitrator.

Signature of Bidder (s).
Name of bidder/agency

ANNEXURE -C**FORM 'D'****PERFORMANCE REPORT OF WORKS REFERRED TO IN FORMS "C"**

1.	Name of work / Project & Location	
2.	Agreement No.	
3.	Name of bidder/agency	
4.	Estimated Cost (Rs)	
5.	Tendered Cost (Rs)	
6.	Date of Start :	
7.	Date of completion	
(i)	Stipulated date of completion	
(ii)	Actual date of completion	
8.	Amount of compensation levied for delayed completion, if any	
(a)	Whether case of levy of compensation for delay has been decided or not	Yes/No
(b)	If decided, amount of compensation levied for delayed completion, if any	
9.	Amount of reduced rate items, if any	
10.	Performance Report	
1.	Quality of work	Outstanding/Very Good/Good/Poor
2.	Financial soundness	Outstanding/Very Good/Good/Poor
3.	Technical Proficiency	Outstanding/Very Good/Good/Poor
4.	Resourcefulness	Outstanding/Very Good/Good/Poor
5.	General Behaviour	Outstanding/Very Good/Good/Poor
Dated:		Executive Engineer Or Equivalent or above with stamp

RECEIPT OF DEPOSITION OF ORIGINAL EMD

Receipt No. _____		Dated _____	
1.	Name of work :-	<i>Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi.</i>	
2.	Tender No.	NCPUL/RENOVATION/01/2024-25	
3.	Estimated Cost	Rs. 30.81 Lacs	
4.	Amount of Earnest Money Deposit.	Rs. 61600/-	
5.	Last Date of submission of Bid	As per critical date sheet	
6.	Earnest Money/Bid Security	Deposit at Receipt of a Scheduled Bank / Fixed Deposit Receipt of Scheduled Bank / Demand Draft of a Scheduled Bank issued in favor of the <i>Director NCPUL, New Delhi.</i>	
1.	Name of Contractor”	
2.	Contractor/ Agency Mobile No”	
3.	Form of EMD”	
4.	Amount of Earnest Money Deposit	Rs...../-	
5.	Date and time of receipt of EMD	
Signature, Name and Designation of EMD Receiving Authority JAAO NCPUL along office stamp.		
.....		
.....		
.....		

ANNEXURE-E**MONTHLY MANPOWER DEPLOYMENTS PLAN**

S.No.	CATEGORY	No. of person Available on	(Indicate no. Of Persons To Be Deployed in each month)				
			1 st	2 nd	3 rd	4 th5 th
Roll of the Organization		Month					
	1. Engineers						
	2. Supervisor						
	3. Skilled						
	4. Semi Skilled						
	5. Unskilled						
	6.						
	7.						
TOTAL							

(SIGNATURE OF TENDERER)
WITH STAMP

ANNEXURE – F**MONTHLY PROGRESS PLAN**

WEEK	PROGRESS AS		REMARKS
	Financial % of Tender Value	Physical	
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20 th			

(SIGNATURE OF TENDERER)
WITH STAMP

ANNEXURE – G**(A) STATUS OF TOOLS & PLANTS**

S.No.	Name of Equipment	Quantity owned	Registration No. wherever Applicable	Documents enclosed for proof of Ownership	Present Location	Quantity proposed to be deployed of this job

(B) MONTHLY T&P DEPLOYMENT PLAN

S.No.	Description of T&P	MONTHS			
		<u>(Indicate no. Of Persons To Be Deployed in each month)</u>			
		1 st	2 nd	3 rd	4 th
5 th				

(SIGNATURE OF TENDERER)
WITH STAMP

ANNEXURE – H**ACTIVITY PLAN**

Please attach detailed activity plan assuming all relevant details of repair renovation & maintenance works are available.

(SIGNATURE OF TENDERER)
WITH STAMP

ANNXURE – I**ANALYSIS OF UNIT RATE QUOTED / RATES OF EXTRA ITEMS/ RATE OF
REDUCTION ITEMS**

IN PERCENTAGE (Break up)

- | | |
|---|---|
| 1. Material Cost inclusive of all Taxes | = |
| 2. Wastage | = |
| 3. Sundries | = |
| 4. Consumable, Carriage etc. | = |
| 5. <u>Labour Charges</u> | = |
| Total (W) | = |
| 6. <u>Water Charges @1%on (W)</u> | = |
| Total (X) | = |
| 7. GST on (X) mutipling factor 0.1405 | = |
| Total (Y) | = |
| 8. Overheads & Profits @ 15% on (Y) | = |
| Total (Z) | = |
| 9. Labour Cess@1%on (Z) | = |
| Total | = |
| Deduction/ Rebate if any) | = |

TOTAL SUM	=	100%
------------------	----------	-------------

(SIGNATURE OF TENDERER)
WITH STAMP

ANNEXURE -J**RECEIPT OF DEPOSITION OF ORIGINAL DD FOR COST OF TENDER DOCUMENT**

Receipt No. _____		Dated _____	
1. Name of work :-	<i>Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi.</i>		
2. Tender No.	NCPUL/RENOVATION/01/2024-25		
3. Estimated Cost	Rs. 30.81 Lacs		
4. Amount of Tender Cost. (Non Refundable)	Rs 500/-		
5. Last Date of submission of Bid	As per critical date sheet		
6. Mode of DD	Demand Draft of a Scheduled Bank issued in favor of the <i>Director NCPUL, New Delhi.</i>		
1. Name of Contractor	*.....”		
2. Contractor/ Agency Mobile No	*.....”		
3. Cost of Tender form (DD No and Bank)	*.....”		
4. Cost of Tender Document (Non Refundable)	Rs 500/-		
5. ' Date and time of receipt of DD	*.....		
Signature, Name and Designation of Receiving Authority (JAAO) along office stamp.			
.....			
.....			
.....			
.....			

GUARANTEE TO BE EXECUTED BY THE CONTRACTORS
FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF
WATER-PROOFING WORKS.

The agreement made this..... day of (Two Thousand Twenty Four) between S/o(hereinafter called the GUARANTOR of the one part) and the PRESIDENT OF INDIA (hereinafter called the Government of the other part)

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract) dated and made between the GUARANTOR OF THE ONE PART AND the Government of the other part whereby the contractor inter alia undertook to render the building and structures in the said contract recited completely water and leak-proof.

NOW THE GUARANTOR hereby guarantee that work executed by him will render the structures completely leak proof and the minimum life of such water proofing treatment shall be **ten** years to be reckoned from the date after the expiry of maintenance period prescribed in the contract.

The decision of the Engineer-in-charge with regard to nature and cause of defect shall be final.

During this period of guarantee, the guarantor shall make good all defects and in case of any defect being found render the building water proof to the satisfaction of the Engineer-In-Charge calling upon him to rectify the defects failing which the work shall be got done by the Department by some other contractor at the Guarantor's cost and risk. The decision of the Engineer-in-charge as to the cost payable by the Guarantor shall be final and binding.

That if the guarantor fails to execute the water proofing or commits breach thereunder, then the guarantor will indemnify the principal and his successor against all loss, damage, cost expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/or damage and or cost incurred by the Government, the decision of the Engineer-in-charge will be final and binding on both the parties.

IN WITNESS WHEREOF these presents have been executed by the obligator and by for and on behalf of the PRESIDENT OF INDIA on the day, month and year first above written.

SIGNED, sealed and delivered by OBLIGATOR in the presence of :-

1. 2.

SIGNED FOR AND BEHALF OF THE PRESIDENT OF INDIA BY
in the presence of :-

1. 2.

ANNEXURE – P1**PERFORMA FOR
BANK GUARANTEE FOR EARNEST MONEY DEPOSIT****(To be issued in appropriate valid non-judicial stamp paper of minimum Rs.100/-)**

This deed of Guarantee made on this _____ day of _____ by _____ in favour of NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE (NCPUL) having its Office at Plot No 9 FC-33,Jasola, New Delhi”. Here under called the Company.

Whereas M/s _____ (herein after called the tenderer) have submitted a tender in response to tender specification “**Addition, alteration and maintenance works of works of National Council for Promotion of Urdu Language office at Farogh-e-Urdu Bhawan, FC-33/9, Jasola, New Delhi**” the said tender documents) of M/s NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE.

And whereas the said tender documents provide that the tenderer shall pay a sum of Rs.

_____ (Rupees _____ only) towards Earnest Money / Deposit to be made in the form and manner therein specified.

And whereas the Tenderer _____ have approached _____ (Bank)

and at their request and in consideration of the arrangement arrived at between the said tenderer and the said Bank, the said Bank has agreed to give such guarantee as hereinafter mentioned to the aforesaid Company.

Now, therefore, these presents witness that we _____ (Bank) by the hand of Sri _____ its lawfully and duly constituted attorney do hereby undertake to pay the aforesaid Company (NCPUL) a sum of Rs. _____ (Rupees _____) by virtue of this guarantee against any loss or damage caused to or suffered by the said Company by reason of any breach by the aforesaid tenderer of any of the terms, conditions, stipulated, undertakings or any one of them contained in the said tender documents and for the payment of any money or moneys payable by the said tenderer to the said Company under the terms and conditions of the tender documents (the decision regarding the breach, loss, damage or payment due, being solely in the discretion of the said company). We further undertake to pay the aforesaid amount in a lump- sum on demand irrespective of the fact whether the said tenderer admits or denies such claim or questions its correctness in any Court, Tribunal of Arbitration proceedings or before any authority.

The aforesaid guarantee will remain in force and we shall be liable under the same, irrespective of any concession for the time being granted by the said Company to the tenderer in or for fulfilling conditions of the tender documents and the guarantee will remain in full force irrespective of any change of terms, conditions or stipulations or any variation in the terms of the said tender documents irrespective of whether notice of such change and /or variation is given to us or not and claim to receive such notice of any change and / or variation of the terms and / or conditions of the said tender document is hereby specifically waived by us Further, we shall not be released from this guarantee by any forbearance or the exercised or non-exercise of any of the powers or rights under the said tender documents by the said Company against the tenderer irrespective of whether notice of such forbearance, enforcement or non-enforcement of any powers of rights, modification or changes made in the said tender documents or concessions shown to tenderer by

the Company is given to us or not. The guarantee herein contained shall not be determined or affected by the liquidation or winding up or insolvency or change in the constitution of the tenderer but shall in all respects and for all purposes be binding and operative until all payments of all moneys due or that may hereafter become due to the said Company in respect of any liability or obligation of the tenderer under the said tender document.

We the said Bank further agree that the guarantee hereinafter contained shall remain in full force and effect during the period that would be taken for the finalization of the tender and execution of agreement therefore and that it shall continue to be enforceable till the required Security Deposit is deposited by the successful tenderer as stipulated in the said tender documents or till the Company certifies that the terms and conditions of the said tender documents have been fully and properly carried out by the said Tenderer and accordingly discharges the guarantee subject however to that the Company shall have no rights under this guarantee after the expiry of 180 days from the date of its execution.

Any claim or dispute arising under the terms of this document shall only be enforced or settled in the Courts at Delhi / New Delhi only.

And lastly, the _____ Bank undertakes not to revoke this guarantee during its currency except with the previous consent of the Company in writing.

The guarantee hereby declares that it has power to execute this guarantee and the executants have the full powers to do so on behalf of the Guarantor.

DATED _____ THE _____ DAY OF _____

Signed for and on behalf of the Bank

()

WITNESS:

Seal of the Bank

1. _____

2. _____

NOTE:

1. No deviation from the above can be accepted.
2. The above BG shall be executed on the non-judicial stamp papers of adequate value procured in the name of the Bank in the State where the bank is located.
3. The above BG is required to be submitted under sealed cover of executing bank alongwith technical bid.

PROFORMA FOR BANK GUARANTEE FOR SECURITY DEPOSIT
(On non-judicial paper of appropriate value of minimum Rs.100/-)

To,

NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE
 Jasola, New Delhi-25

Dear Sir,

M/s _____ have taken contract for the work of **addition, alteration and maintenance works of National Council for Promotion of Urdu Language Office at Farogh-e-Urdu Bhawan, FC-33/9, Institutional Area Jasola, New Delhi**

The General conditions of Contract provide that the Contractor shall pay a sum of Rs. (Rupees _____) as initial/full Security deposit in the form therein mentioned, the form of payment of Security deposit, includes guarantee executed by 'A' schedule bank undertaking full responsibility to Indemnify NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE in case in default.

The said _____ has approached us at their request and in consideration of the Promise we _____ having our office at _____ have agreed to give such guarantee as hereinafter mentioned.

1. We _____ hereby under take and agree with you that if default shall be made by

M/s. _____ performing any or the terms and conditions of the Contract or in payment of any money payable to NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE, we shall on demand pay to you in such manner as you may direct the said amount of Rs. _____ only or such portion thereof not exceeding the said sum as you may from time to time require.

2. You will have the full liberty without reference to us and without affecting guarantee postpone for any time or from time to time the exercise of any of the powers and rights conferred on you under the contract with said _____ and to enforce the said _____ which under law relating to the sureties would but for the provision have the effect of releasing us.

3. Your right to recover the said sum of Rs. _____ (Rupees _____) from us in manner aforesaid will not be affected or suspended by reason of the fact any dispute of disputes have been raised buy the said M/s _____ or that any dispute or disputes are pending before any officer, tribunal or court.
4. The guarantee herein contained shall be determined or affected by the liquidation or winding up, dissolution or change of constitution of insolvency of the said _____ until shall in all respect and or all purposes be binding operative until payment of all money due to you in respect of such liability or liabilities.
5. Our liability under this guarantee is restricted _____ our guarantee shall remain in force until _____ unless a suit to action to enforce a claim under Guarantee is field against us within six months from _____ (which is date of Expiry of guarantee all your rights and said guarantee shall be forfeited and we shall be relieved and discharged from all liabilities thereunder). Accordingly this guarantee will remain in force till _____. However, if the contract for which this guarantee is not completed for fully performed the surety (Bank) hereby agree to further extend the guarantee till time as is required to fulfill the contract.

Yours faithfully,

_____ Bank by its

Constituted Attorney

Signature of a person duly authorized to
Sign on behalf of the Bank.

I / We undertake to arrange such guarantee in case the work is awarded to us.

Signature of the contractor

Seal

AGREEMENT

Agreement No. and Date _____ NCPUL _____ Dated _____

Name of the Work _____

Name of the Contractor with _____

Full Address _____

Value of work awarded _____

Letter of Intent No and Date _____

Scheduled Commencement Date _____

Scheduled Completion Date _____

THIS AGREEMENT MADE ON THIS _____ DAY OF _____ BETWEEN NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE a Company incorporated under the Companies Act, 1956, having its Office Plot No 9 FC-33, Jasola, New Delhi”D

M/S _____

_____ (hereinafter called the ‘Contractor ‘) of the SECOND PART

WHEREAS

M/S _____

state that they have acquired and possess extensive experience in the field of _____

AND WHEREAS in response to an invitation to Tender No. _____ issued by NCPUL for execution of _____

The contractor submitted their offer No. _____ dated _____.

AND WHEREAS NCPUL has accepted the offer of the Contractor on terms and conditions specified in the Letter of Intent No. _____ dated _____ read with the references cited therein.

THIS AGREEMENT WITNESSES AND it is hereby agreed by and between the parties as follows:

1. That the Contractor shall execute the work of _____ and more particularly described in Tender Specification No. _____ including Drawings and Specifications (hereinafter called the said works) in accordance with and subject to terms and conditions contained in these presents, instructions to Tenderers, General Conditions of Contract, Special Conditions, Annexures, Letter of Intent dated _____ and such other instructions, Drawings, Specifications given to him from time to time by NCPUL.

2. The Contractor is required to furnish to NCPUL Security deposit in the form of DD/ Bank Guarantee valid up tofor a sum of Rs.towards satisfactory; performance and completion of the Contract.
3. The Contractor has furnished a Bank Guarantee bearing no Datefor a sum of Rs. Executed by in favour of NCPUL towards Security Deposit valid upto

OR

The Contractor has deposited Rs. (Rupees) in Cash towards Security Deposit.

OR

The Contractor has deposited Rs.(Rupees) in the form of Demand Draft from the Nationalised Bank duly pledged in favour of NCPUL TOWARDS Security Deposit.

4. The Contractor hereby agrees to extend the validity of the Bank Guarantee for such further period or periods as may be required by NCPUL and if the Contractor fails to obtain such extension from the Bank Guarantee, the NCPUL shall encash the same for recovery of Rs.without any further notice to the Contractor.
5. That in consideration of the payments to be made to the contractor by NCPUL in accordance with this Agreement the Contractor hereby convchants and undertake with NCPUL that they shall execute, complete the works in conformity, in all respect, with the terms and conditions specified in this agreement and the documents governing the same.
6. That the contractor shall be deemed to have carefully examined this agreement and the documents governing the same and also to have satisfied himself as to the nature and character of the Works to be executed by him.
7. That the Contractor shall carry out and complete the execution of the said works to the entire satisfaction of the Architect / NCPUL, within the agreed time schedule, the time of completion being the essence of the contract.
8. That all the Bills submitted by the Contractor shall be scrutinized & verified by the Architect and NCPUL shall pay to the Contractor during the progress of the said such sum as determined by NCPUL / Architect in accordance with this Agreement.
9. That this agreement shall be deemed to have come into force from _____ the date on which the Letter of Intent has been issued to the Contractor.
10. That whenever under this contract or otherwise, any sum of money shall be recoverable from or payable by the contractor, the same may be deducted in the manner as set out in the General Conditions of the Contract or other conditions governing this agreement.
11. That all charges on account of Octroi, Terminal and other taxes including Sales Tax or other duties on material obtained for execution of the said works shall be borne and paid by the contractor.

12. That NCPUL shall be entitled to deduct from the Contractor's running bills or otherwise Income Tax under section 194 (C) of the Income Tax Act, 1961 or any other Tax applicable.
13. That NCPUL shall further entitled recover from the running bills of the Contractor or otherwise such sum as may be determined by NCPUL from time to time in respect of consumables supplied by NCPUL, here charges for tools and plants issued (where applicable) and any other dues owed by the Contractor.
14. That it is agreed by and between the parties that non-exercise, forbearance or omission of any of the powers conferred on NCPUL and / or any of its authorities will not in any manner constitute waiver of the conditions hereto contained in these presents and the liability of the Contractor with respect to compensation payable to NCPUL or Contractor's obligations shall remain unaffected.
15. It is clearly understood by and between the parties that in the event of any conflict between the Letter of Intent and other documents governing this Agreement, the provisions in the Letter of Intent shall prevail.
16. The following documents:
 - a) Invitation to Tender No. _____ and the documents specified therein.
 - b) Contractor's Offer No _____ dated _____
 - c) Letter of Intent No. _____ dated _____
 - d) _____ shall also form part of and govern this Agreement.

IN WITNESS HEREOF, the parties hereto have respectively set their signatures in the presence of

1. WITNESS:

(CONTRACTOR)
(to be signed by a person holding
a valid Power of Attorney)

2. WITNESS:

(For and on behalf of NCPUL)

Application For Submitting Tender

NATIONAL COUNCIL FOR PROMOTION OF URDU LANGUAGE, DELHI

FC-33/9, Institutional Area, Jasola New Delhi, Delhi 110025

Application form for Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi- 110025.

Note to fill the Application Form:

- It is essential to fill all columns of this application.
- Each page of the application form to be signed and stamped by the authorized signatory.
- Attach separate sheets to fill the details, wherever required.

1.	Name of the agency	
2.	Name of the Owner/ partner	
3.	Address:	
4.	Office Address (if separate)	
5.	Telephone Number	
	E-mail Address:	
6.	Fax Number	
7.	The agency registered with : (CPWD/PWD/MES/Railways/BSNL or any other Govt, department)	
9.	Registration details:	
	Registration No.	
	Valid upto	
10.	Name and address of bankers'	
11.	Is the agency, on the panel of any other Govt. organization	
12.	Total number of employees	
	(a) Managerial and Supervisory	
	(b) Skilled & Semi-skilled	
	(c) Others	
13.	Date of Establishment of agency	
14.	Agency's premises (Rented/own).	
15.	PAN No. Issued in favour of agency /owner by Income Tax Deptt.	
16.	GST/TIN No. Issued by Sale Tax Deptt.	
17.	Has the agency been blacklisted by any Government organization during the last three years?	
19.	Authorized person to whom authority was given to sign the tender document (if any).	
	Contact NO. of Authorised person	

Declaration

A. I, Son/Daughter of Shrisignatory of the agency/firm mentioned above, is competent to sign the application and other documents/ declaration and execute this tender document:

B. I have carefully read and understood all the terms and conditions of the tender and undertake to abide by them:

C. My agency has not been blacklisted/debarred from participating in tender of any Ministry/Department of Government of India and Government of India undertaking in the last three Years as on date of opening of this Tender.

D. The information/documents furnished along with this application are true and correct to the best of my knowledge and belief.

E. I/we am/are well aware of the fact that furnishing of any false information/fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

F. I/We have actually seen the site and are fully aware with the quality and quantity of work to be executed.

G. I hereby further declare that my/our bid is unconditional in any manner or whatsoever in nature.

Date:
Place:

Signature of authorized person(s)
Full Name:

Seal of the agency

(to be uploaded with Technical Bid)

PART - II
FINANCIAL BID

INSTRUCTIONS RELATED TO SUBMISSION OF FINANCIAL BID

Financial Bid (BoQ) & Format For Seeking Rates Only (pdf)

Bidders are requested to note that they should necessarily submit their financial bids in the provided two formats i.e. Annexure-1 (Schedule of Quantity i.e. BoQ) and Annexure-2 (PDF for seeking rates only for some items) and no other format is acceptable.

Annexure-1 (Schedule of Quantity i.e. BoQ): The price bid has been given as a standard BoQ format with the tender document. The same is to be downloaded and to be filled by the bidders. Bidders are required to download the BoQ file, open it, complete the unprotected cells with their respective financial quotes and upload the same.

Annexure-2 (PDF for rates only): The same is to be downloaded from the Financial Bid folder. Bidders are to upload it in PDF format only duly filled, signed and stamped.

Note: Bidders are to submit their financial proposal in both the formats (BoQ and PDF) as per instructions given above, failing which their bids are liable to be rejected. However rates of the items mentioned in Annexure-2 will not affect BoQ i.e. “Financial Bid”.The quoted rates in Annexure-2 by bidders can be used in case of need during execution of work. Bidders are to download Annexure-2 and upload PDF of the same after quoting rates of the items shown in it compulsorily.

SCHEDULE OF QUANTITY (BoQ)

NAME OF WORK:-Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi.

Sl. No.	Item Description	Quantity	Units
1.01	EARTH WORK		
1.02	EARTH WORK: Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	3	cum
1.03	Excavating holes more than 0.10 cum & upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layer not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering etc. disposing of surplus excavated soil, as directed within a lead of 50 m and lift upto 1.5 m. : All kinds of soil	10	each
2	CONCRETE WORK : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 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.)	1.5	cum
2.01	(b) 1:5:10 (1 cement: 5 coarse sand (zone-III) derived from natural sources: 10 graded stone aggregate 40 mm nominal size) nominal size derived from natural sources.)	0.3	cum
3	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing : (a) 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)	0.2	cum
3.01	(b) 1:3:6 (1Cement: 3 coarse sand (zone III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	2	cum
4	Centering and shuttering including strutting, propping etc. and removal of form work for : (a) Foundations, footing, bases for columns	10	sqm
4.01	(b) Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	1	sqm
5	MASONRY WORK :Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: (a) Cement Mortar 1:6 (1cement :6 coarse sand)	0.5	cum
5.01	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in Superstructure above plinth level up to floor v level in all shapes and size in: Cement Mortar 1:6 (1cement :6 coarse sand)	0.5	cum
6	CLADDING WORK: 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): (a) White sand stone – exposed face fine dressed with rough backing. (i) 30 mm thick	0.5	sqm
6.01	Providing and fixing 75 cm high, 50 cm deep and 18 mm thick stone slab table rubbed, edges rounded and polished, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement: 2 coarse sand : 4 graded stone aggregate 6 mm normal size) as per direction of Engineer-in-charge and finished smooth. (a) Granite stone of approved shade	1.5	sqm
6.02	Providing and fixing 1st quality ceramic glazed wall tiles of size 300x300 mm or 300x200 mm or (as decided by competent authority) 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 @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete .	265	sqm

7	WOOD AND P.V.C. WORK :Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia& length (holdfast lugs or dash fastener shall be paid for separately): (a) Sal wood	0.3	cum
7.01	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters: (a) 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	10	sqm
7.02	(b) 25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano hinges marked with necessary screws	1	sqm
7.03	Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. Complete: (a) 2nd class teak wood (i) 50x12mm	40	meter
7.04	Providing 40x5 mm flat iron hold fast 400 mm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 300x100x150mm 1:3:6 mix (1 cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size) or fixing chaukhat with dash fastener 12mm dia bolt and 150mm long as per direction of competent authority.	60	each
7.05	Providing and fixing aluminum extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	12	each
7.06	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : (a) 250x16 mm	18	each
7.07	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : (a) 200x10mm	18	each
7.08	(b) 150x10 mm	18	each
7.09	Providing and fixing aluminum handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete - (a) 125MM:	36	Each
7.10	Providing and fixing aluminum hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete (a) Twin Rubber Stopper	4	each
7.11	Providing & fixing decorative high pressure laminated sheet of plain/ wood grain in gloss/ matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS: 2046 Type S, including cost of adhesive of approved quality. (a) 1.0 mm Thick	2	sqm
8	STEEL WORK: Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc. Including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. Complete. (a) Hot finished welded type tube	1450	kg
8.01	Using available Steel built up tubular sections such as round, square or rectangular hollow tubes etc. trusses etc. Including cutting, hoisting, fixing in position and applying priming coat of approved steel primer, including welding and bolted with special shaped washers etc. Complete.(steel tubular sections to be issued by department free of cost)	250	kg
8.02	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	80	kg
8.03	Providing and fixing bolts including nuts and washers complete.	5	Kg
8.04	Welding by gas or electric plant including transportation of plant at site etc. complete.	500	cm
8.05	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position including welding and applying a priming coat of approved steel primer using structural steel etc. as required. (a) In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	305	Kg
8.06	(a) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	310	kg
9	FLOORING: Marble stone flooring with 18 mm thick marble stone, as per sample of marble approved by Engineer-in- charge, over 20mm (average) thick base of cement motar 1:4(1cement: 4 coarse sand) laid and jointed with grey cement slurry, including rubbing and polishing complete with: (a) Raj Nagar Plain	0.5	sqm

9.01	(b) Udaipur green marble / Baroda Green	1.5	sqm
9.02	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) (a) 25 MM Thick	7	Sqm
9.03	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	1	sqm
9.04	Providing and fixing 1st quality ceramic glazed floor tiles size 300x300 mm or 300x200 mm or as decided by NCPUL & conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	2	sqm
9.05	Providing and laying rectified anti skid Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS: 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	15	sqm
9.06	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. (a) size of Tile 600x600mm	20	sqm
10	ROOFING: Providing and fixing false ceiling medium density fibre (MDF) board IS: 14587:1998 marked, Pre-laminated with one side decorative lamination and other side balancing lamination, with necessary fixing arrangement and screws etc. all complete. (Frame work to be paid separately) 12mm Thick	20	Sqm
10.01	Extra for providing and fixing wind ties of 40 x6 mm flat iron section.	49	meter
10.02	Providing and fixing on wall face unplasticised rigid PVC rain water/soil waste pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to : 5382, leaving 10 mm gap for thermal expansion: (a) Single Socketed pipes (i) 75mm diameter pipe(6 Kg /cm2)	20	meter
10.03	(ii) 110 mm diameter pipe (10 Kg /cm2)	227	meter
10.04	Providing and fixing on wall face unplasticised- PVC moulded fittings /accessories for unplasticised rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion: (a) Coupler - 75mm	10	each
10.05	(b) Coupler (ii) 110 mm	28	each
10.06	(d) Single tee with door (i) 110x110x110mm	24	each
10.07	(e) Bend 87.5° (i) 110mm bend	20	each
10.08	Providing and fixing unplasticised- PVC pipe clips of approved design to unplasticised PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement :4 coarse sand) and making good the wall etc. Complete: (a) 110 mm (10Kg/cm2)	70	each
10.09	Providing and fixing precolated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS:277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-Charge. The sheet shall be fixed using self drilling / self tapping screws of size (5.5x55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	92	sqm

10.10	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05%) total coated thickness, zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self-drilling self-tapping screws complete: (a) Ridges plain (500-600mm)	10	meter
10.11	(b) Gutter (600 mm over all girth)	10	meter
11	FINISHING :12 mm cement plaster finished with a floating coat of neat cement of mix : (a) 1:4 (1 cement: 4 fine sand)	27	sqm
11.01	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with floating coat of neat cement. (b) 20 mm cement plaster	50	sqm
11.02	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) and finished with a top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand)	10	sqm
11.03	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	15	Per bag of 50 kg cement used in the mix
11.04	Applying priming coat with ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	36	sqm
11.05	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : (a) two or more coats on new work	115	sqm
11.06	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.	50	sqm
11.07	Wall painting with premium acrylic emulsion paint of interior grade, 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. (a) One or more coats on old work	1591	sqm
11.08	(b) Two or more coats on new work	30	sqm
11.09	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water thinnable cement primer on wall surface having voc content less than 50 grams/litre	50	sqm
11.10	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping ,sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete:	50	sqm
11.11	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. (a)One or more coats on old work	573	sqm
11.12	Finishing walls with acrylic smooth exterior paint of required shade: (a) Two or more coats on new work.	20	sqm
11.13	(b) Old work (one or more coat applied @0.90 lit./ 10 sqm	1842	sqm
12	REPAIR TO BUILDING :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 directions of) (a) With cement mortar 1:4 (1 cement: 4 coats sand) Engineer-In-Charge.	20	sqm
12.01	Making the opening in brick masonry including dismantling in floor or walls by cutting masonry and making good the damages to walls flooring and jambs complete, to match existing surface i/c disposal of malba/rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-In-Charge. (a) For door /window/clerestory window	12	sqm
12.02	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)	40000	litre

12.03	Cleaning of underground 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 operation:- i) Tank shall be emptied of water by pumping & bottom shall be cleaned of silt and other deposits. ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. iii) Chlorination of RCC internal surface by liquid chlorine. iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. v) Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-charge.	54	sqm
12.04	Dismantling W.C. Pan of all sizes including disposal of dismantled materials Including malba from all height of building and stacking with in 50 meter lead all complete as per directions of Engineer-in- Charge.	12	each
12.05	Dismantling vitreous china half stall / flat back lipped front urinal , wash basin of different sizes, PVC / vitreous china flushing cistern of various sizes including stacking of serviceable material such as CI brackets ,CP brass fittings, flush pipe stainless steel PVC connection etc. near the side and disposal of unsolvable material from all height of building and stacking within in 50 meter lead.	19	each
12.06	Taking of cinder / lean concrete from the sunken floor of WC, bath etc including stacking properly and refilling the same after the water proofing of sunken floor including compaction properly etc. Including disposal of malba lead upto 50 meter and lift upto 1.5.meter complete as per direction of engineer-in-charge.	10	cum
12.07	Dismantling 15 to 50 mm dia G.I. pipe including stacking of dismantled pipes from all height of building and stacking within in 50 meter lead. as per directions of Engineer-in- Charge. I(a) nternal work – exposed on wall	90	meter
12.08	(a) Internal work – concealed pipe work	110	meter
13	DISMANTLING & DEMOLISHING: Demolishing cement concrete manually/ by mechanical means including disposal of material from all height of building and stacking within 50 meter lead. As per direction of Engineer - in - charge. (a) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	7	cum
13.01	Dismantling door, window and clerestory window (steel or wood) chaukhats, architrave, holdfasts etc. Complete and stacking from all height of building within 50 meters lead. (a) of area 3sq.metres and below	8	each
13.02	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking from all height of building within 50 meters lead (a) of area 3 sq. meters and below.	20	each
13.03	Dismantling steel work in built up sections in angles, tees, flats and channels including, MS tubes all gusset plates, bolts, nuts, cutting rivets, welding etc. Including dismembering and stacking from all height of building within 50 meters lead.	329	kg
13.04	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material from all height of building and disposal of unserviceable material within 50 meters lead.	31.5	sqm
13.05	Dismantling roofing including ridges, hips, valleys and gutters etc. and stacking the material from all height of building within 50 meters lead. (a) G.S./ profile sheet	16	sqm
13.06	Dismantling cement asbestos or hard ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials from all height of building within 50 metres lead.	20	sqm
13.07	Dismantling C.I./ SCI or asbestos rain water pipe with fittings and clamps including stacking the material from all height of building within 50 metres lead. (a) 100 mm dia pipe	227	meter
13.08	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	418	sqm
13.09	Disposal of building rubbish / malba/ similar unserviceable dismantled of waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by engineer- in – charge, beyond 50 m initial lead, for all leads including all lifts involved.	35	cum
14	ROAD WORK: Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	7	cum
14.01	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	70	metre

14.02	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	30	sqm
4.03	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	46	sqm
14.04	Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer- in-charge. (Old CC paver blocks shall be supplied by the department free of cost).	24	sqm
14.05	Providing and placing in position 75 mm thick factory made machine batched & machine mixed Precast RCC rectangular covers of drain on footpath of various sizes, of M-25 grade cement concrete for RCC work, including cost of centering, shuttering, reinforcement of 8 mm dia TMT bars of Fe 500 grade @ maximum 100mm c/c on both ways , neat cement punning on finished surface, properly encased on all edges with 1.6 mm thick , 100 mm wide MS sheet duly painted over priming coat , reinforcement to be welded at edges with MS sheet and providing 2 Nos. 12 mm dia bar for hooks etc including cost of cartage, all leads & lift, handling at site etc. all complete as per direction of Engineer-in-Charge.	10	sqm
15	SANITARY INSTALLATIONS: Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: (a) White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	3	each
15.01	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	9	each
15.02	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required : (a) Single half stall urinal	4	each
15.03	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: (a) White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	12	each
15.04	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for reception of pipes and fittings.	12	each
15.05	Providing and fixing 8 mm dia C.P./ S.S jet with flexible tube upto 1 meter long with S.S triangular plate to European type WC of quality and make as approved by Engineer-in charge.	9	each
15.06	Providing and fixing CP brass 32mm size bottle trap of approved quality & make and as per the direction of Engineer-in-charge.	16	each
15.07	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. (a) Flexible pipe – 32mm dia	16	each
15.08	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.	12	each
15.09	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodized aluminum angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawal plugs etc., complete.	12	each
15.10	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : (a) Sand cast Iron S&S as per IS-3989- 100mm inlet and 100 mm outlet	12	each
15.11	(ii) 100 mm inlet and 75 mm outlet	12	each

15.12	Cutting chases in brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand :6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) : (a) 100 mm dia	1	meter
15.13	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	1	each
16	WATER SUPPLY : Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of engineer in charge. (a) INTERNAL WORK – EXPOSED ON WALL (i) 20 mm nominal dia pipes	10	metre
16.01	(ii) 25 mm nominal dia pipes	20	metre
16.02	(iii) 32 mm nominal dia pipes	65	metre
16.03	(iv) 50 mm nominal dia pipes	25	metre
16.04	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. (a) Concealed work, including cutting chases and making good the walls etc. (i) 15mm nominal outer dia pipes	55	metre
16.05	(i) 20 mm nominal outer dia Pipes	45	metre
16.06	(ii) 32 mm nominal outer dia Pipes	10	metre
16.07	Providing and fixing uplasticised PVC connection pipe with brass unions : (a) 45 cm length 15 mm nominal bore	24	each
16.08	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : (a) 15 mm nominal bore	12	each
16.09	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 : (a) 15 mm nominal bore	33	each
16.10	Providing CP brass extension nipple size 15 mm x50mm of approved make and quality as per direction of Engineer –in charge	55	each
17	DRAINAGE : Providing and fixing in position factory made pre- cast R.C.C. perforated drain cover with frame of required shape and approved quality: (a) MD -10 (i) Square shape 450 mm internal dimension	8	each
17.01	Supplying and fixing C.I. cover 300x300 mm without frame for gully trap or other chambers (standard pattern) the weight of cover to be not less than 4.5 kg	5	each
18	ALUMINIUM WORK : Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size , including necessary filling up the gaps at junctions, i.e.at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminum sections shall be smooth, rust free, straight mitered and jointed mechanically wherever required including cleat angle, aluminum snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer –in-charge. (Glazing, paneling and dash fasteners to be paid for separately): (a) For Fixed Portion (i) Powder coated aluminum (Minimum thickness of power coating 50 micron)	85	kg
18.01	(b) For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (fittings shall be paid for separately): (i) Powder coated aluminum (minimum thickness of powder coating 50 micron)	25	kg
18.02	Providing and fixing glazing in aluminum doors, windows, ventilators shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per architectural drawings and the directions of Engineer –in-charge. (cost of aluminum snap beading shall be paid in basic item): (a) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	6	sqm

18.03	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. (a) With stainless steel cover plate minimum 1.25 mm thickness	5	each
18.04	Providing and fixing stainless steel (SS304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung windows as per direction of Engineer-in-charge complete. (a) 205x19 mm	24	each
18.05	Providing and fixing aluminum casement windows fastener of required length for aluminum windows with necessary screws etc. complete. (a) Powder coated minimum thickness 50 micron aluminum	48	each
18.06	Taking out existing aluminum door shutters of different sizes, repair by dismembering the shutter including glazing, fittings etc. and repair the same by providing cleats with screws at joints etc. reassembling and re-fixing of repaired door shutters to existing door frame / pivot etc wherever required including necessary screws, replacement of neoprene/ gasket etc wherever required all complete as per direction of engineer-in –charge. (if new aluminum sections is used which shall be paid in basic item or separately	5	each
19	WATER PROOFING : Providing and laying water proofing treatment to vertical and horizontal surface of depressed portions of W.C., kitchen and the like consisting of : i) Ist course of applying cement slurry @ 4.4 kg / sqm mixed with water proofing compound conforming to IS 2645 in recommended proportion including rounding off junction of vertical and horizontal surface. ii) IInd course of 20 mm cement plaster 1:3 (1 cement :3 coarse sand) mixed with water proofing compound conforming to IS 2645 in recommended proportion including rounding off junction of vertical and horizontal surface. iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg. Per sqm of area. iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @1.7 kg/sqm). v) The whole sunken floor so finished shall be flooded with water for a minimum period of one weeks for curing and final test "All above operation to be done in order and as directed and specified by the Engineer-in-charge:	51	sqm
19.01	Relaying /repairing of damaged top layer of integral cement based water proofing treatment including preparation of surface as required for treatment of roof, balconies, terraces etc consisting of following operations: i) Removing top layer of damaged cement concrete / cement mortar layer by dismantling including disposal malba within 50 meter lead and cleaning the surface properly etc. Complete as per direction of Engineer –in –charge. ii) Applying a coat of cement slurry using 2.75 kg/sqm of cement admixed with water proofing compound conforming to :IS:2645 and approved by Engineer-in- charge. iii) Finishing the surface with 20 mm thick joint less cement mortar of mix 1:4 (1cement :4 coarse sand) admixed with water proofing compound conforming to IS:2645 and approved by Engineer- in – charge including laying glass fiber cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. iv) The whole terrace so finished shall be flooded with water for a minimum period of one weeks for curing and final test "All above operation to be done in order and as directed and specified by the Engineer-in-charge:	79	sqm
20	MISCELLANEOUS ITEMS :Rubbing & mirror Polishing of marble and granite flooring to give high gloss finish and to the complete satisfaction of engineer-in – charge / Competent authority.	392	sqm
20.01	Rubbing & Polishing of stair case marble stone flooring including treads, risers, landing, dado etc, to give high gloss finish and to the complete satisfaction of engineer-in –charge / Competent authority	183	sqm
21	MARKET ITEMS : Providing and fixing stainless steel towel rod 600 mm long of approved make and quality. Including with necessary PVC rowel plug and CP brass screws etc. complete	2	each
21.01	Providing and Fixing Stainless Steel grating 125mm dia with or without waste hole for floor traps including fixing with white cement etc. Complete.	24	each
21.02	Cleaning of work stations over head cabinet and low height partitions including painting of exposed beading and molding etc with approved synthetic enamel paint and repairing of laminate and changing hard ware fitting wherever required etc, complete as per direction engineer-in–charge / Competent authority (inside painting of overhead cabinets , almirah , drawer etc, shall be paid in basic items)	529	sqm
21.03	Supplying and fixing 100mm long 10mm thick counter sunk headed stainless steel dash fasteners of grade 304 of approved quality with necessary drilling in stone and masonry wall as required complete to secure stones for stone cladding work. (a) Outside the building where dash fasteners are not provided	50	each

21.04	Providing and Fixing 10mm thick required colour multiwall polycarbonate sheet of approved brand GE Lexan or equivalent. The multi walled polycarbonate shall be fixed to existing structure with 25 mm micron, powder coated aluminum Alcon section top and bottom profile and water Proof EPDM gasket on both side of joints so as to make the roofing water tight. Alcon aluminum section shall be fixed 1.50 metrecentre and corner of top and bottom to the structure. EPDM gasket and aluminum profile shall be fixed with silicon sealant(winsil-20) with polycarbonate sheet and profile, shall be fixed with self tapping and self drilling 55mm long steel screw not more than 300mm centre to centre. Rate shall be inclusive of cost of material, taxes, cartage and labour to fix at site as per actual requirement. Rate for steel structure if required shall be paid for separately. Finished curved/flat as per actual execution at site shall be measured for payment.	50	sqm
21.05	Providing and Fixing plain Terracotta wall tiles of size 230mm x 50mm (thickness as per existing tile used in the building of NCPUL up to all height over bed of 12mm cement mortar 1:3(1: cement:3 coarse sand)for under layer and jointing Grey cement slurry@ 3.30kg per sqm and forming uniform groove matching with existing external wall surface including finishing and cost of scaffolding etc. Complete as per engineer-in- charge.	13	sqm
21.06	Providing and fixing stainless steel single lever hanger of approved quality in wall / door or other suitable place with necessary screws etc complete.	10	each
21.07	Providing and fixing CPVC ball valve with handle of approved brand and manufacture as approved by engineer-in-charge /competent authority. (a) 20 mm dia meter	10	each
21.08	(b) 25 mm dia meter	1	each
21.09	(c) 32 mm dia meter	3	each
21.10	(d) 50 mm dia meter	1	each
21.11	Providing and fixing manually operated channel vertical blind of vista, Aerolox vista, marvel décor or mac make as per manufacture specification in required colour or shades with other connect accessories for fixing and smooth functioning of the blinds etc. all complete as per direction of Engineer- in – Charge / competent authority.	64	sqm
22	ELECTRICAL WORK: Providing and fixing LED round 18 watt recessed ceiling light of approved make approved brand and quality.	20	each
22.01	Providing and fixing twin 20 watt mirror optic surface light of approved brand like Philips or equivalent.	20	each
22.02	Providing and fixing commissioning aluminum powder coated wall mounted 50 watts LED flood light of approved brand like Philips or equivalent for building, security lighting etc,IP65b rated energy saving with necessary dash fasteners, MS bracket, GI pipe etc with electric connection etc complete in working condition.	8	each

Note:

1. GST and other taxes will be as per the Act/Rule/Govt. order passed from time to time
2. Rates quoted for the items shall be inclusive of all taxes.
3. If the quality of material supplied is not up to the mark or specifications of the tender documents the same will have to be lifted back without any liability to NCPUL.
4. Quantity of items may increase or decrease as per actual requirement at a particular site
5. L-1 will be decided on the basis of rates quoted in BoQ. Rates quoted in the Annexure-2 will not affect deciding factor L-1.

SCHEDULE OF ITEMS FOR QUOTING RATES ONLY**(This annexure to be uploaded in PDF along with BoQ)****NAME OF WORK:- Repair, Renovation and Maintenance of Building- National Council for Promotion of Urdu Language at Institutional Area Jasola New Delhi.**

Sl. No.	Description of Items	Rate Only	Qty	Unit	Rate in		Amount INR
					Fig.	Word	
1	EARTH WORK: Supplying, diluting and injecting chemical emulsion of chlorpyriphose mulsifiable concentrate of 20% for post constructional anti termite treatment (a) Treatment at points of contact of wood work by chemical emulsion chlorpyriphos (in oil or kerosene based solution) @ 0.5 litre per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm center to center and sealing the same.	RO	00	meter			
2	(b) Along external wall where the apron is not provided using chemical emulsion @7.5litres / sqm of the vertical surface of the substructure to a depth of 300mm including excavation channel along the wall and rodding etc. with chlorpyriphos emulsifiable concentrate of 20% with 1% concentration.	Ro	00	meter			
3	CONCRETE WORK : Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : (a) 1:4:8 (1: cement: 4 coarse sand (zone-III) derived from natural sources: 8 graded stone aggregate 40 mm nominal size) nominal size derived from natural sources.)	RO	00	cum			
4	(b) 1:1.5:3 (1 Cement: 1.5 coarse sand (zone III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Ro	00	cum			
5	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing : (a) 1:1.5:3 (1 Cement: 1.5 coarse sand (zone III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	RO	00	cum			
6	(b) 1:1.:2 (1 Cement: 1 coarse sand (zone III) derived from natural sources : 2 graded stone aggregate 20 mm nominal size derived from natural sources)	RO	00	cum			

7	MASONRY WORK: Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in super structure above plinth level up to floor V level: (a) Cement Mortar 1:3 (1cement :3 coarse sand)	RO	00	sqm			
8	CLADDING WORK: Providing and fixing 75 cm high, 50 cm deep or other suitable size and 10 mm thick urinal partitions made of ceramic and fixed with stainless steel clamp / bracket including screws etc. complete as per direction of competent authority.	RO	00	sqm			
9	FLOORING: Providing and laying rectified anti skid Glazed Ceramic floor tiles of size 600x600 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS: 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete:	RO	00	sqm			
10	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved brand and manufacturer, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. (a) The glazed vitrified tiles matt/antiskid finish size 600x600 mm	RO	00	Sqm			
11	Deduct for not using 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm	RO	00	sqm			
12	Fixing glazed/ ceramic / vitrified floor tiles cement based high polymer modified quick set tile adhesive (water based) conforming to IS:15477 in average 3mm thickness	RO	00	sqm			
13	Grouting joints of flooring tiles having joints of 3mm width, using epoxy grout mix of 0.07Kg of organic coated filler of desired shade (0.10kg hardener and 0.20Kg of resin per Kg) including filling / grouting and finishing complete as per direction of competent authority. Size of tile 600x600 mm.	RO	00	sqm			
14	Providing and laying insulation tiles of size 300x300mm or more ((thickness to be specified by the manufacturer), of 1 st quality of approved make, & shade, laid on 10 to 15 mm thick adhesive of approved brand including providing 3mm spacer and jointing with marching epoxy grouting and matching pigments etc., complete.	RO	00	sqm			
15	ROOFING: Providing and fixing false ceiling with 12mm tick water proof ply confirming IS: 710 with both side 1mm thick lamination of approved brand & shade with necessary fixing arrangement and screws etc. all complete.(Frame work to be paid separately)	RO	00	sqm			
16	FINISHING: Providing and fixing fiber mesh of approved quality under cement plaster layer as per direction of competent authority.	RO	00	sqm			

17	REPAIRS TO BUILDINGS: Providing and filling foam concrete in sunken floor of WC, bath etc. including all lead and lift complete as per direction of engineer-in-charge.	RO	00	cum			
18	Providing and fixing double scaffolding system (cup lock type) on the exterior side, upto seven story height made with 40mm dia ms tube 1.5 meter centre to centre, horizontal and vertical tubes joining with cup and lock system with ms tube, ms tube challies, MS clamps and MS staircase system in the scaffolding for working plat form etc and maintaining it in a serviceable condition for the required duration as approved and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc. wherever required for inspection of work at required location with essential safety features for the work men etc complete as per directions and approval of Engineer-in- Charge. The elevational area of the scaffolding shall be measure for payment purpose. The payment well be made once irrespective of duration scaffolding. Note:- this item to be used for maintenance work judicially necessary deduction for scaffolding in the existing item to be done.	RO	00	sqm			
19	ROAD WORK: Cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.	RO	00	cum			
20	WATER PROOFING: Providing and laying water proofing treatment on roofs of slabs applying cement slurry mixed with water proofing cement compound consisting of applying. (i) After surface preparation, 1st layer of slurry @ 0.488 kg / sqm mixed with water proofing cement compound@ 0.25Kg/sqm. (ii) Laying 2 nd layer of fiber glass cloth when the 1 st layer is still green. Over laps of joints of fiber cloth should not be less than 10 cm. (iii) 3 rd layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 Kg /sqm mixed with water proofing cement compound @ 0.670Kg/sqm and coarse sand @ 1.289Kg/sqm. (iv) 4 th and final layer of brick tiling with cement mortar 1:4 (1 cement: 4 coarse sand) mixed with 2% integral water proofing compound	RO	00	sqm			
21	MISCELLANEOUS ITEMS: 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 the exposed concrete surface and reinforcement with wire brushes etc and disposal of debris or all lead lifts all complete as per direction of engineer-in –charge.	RO	00	sqm			

22	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 twenty four 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. (a) Bars upto 12mm dia meter	RO	00	Meter			
23	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: (a) Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make.	RO	00	sqm			
24	Providing, mixing and applying SBR polymer (of approved make) modified cement motar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and direction of Engineer-in –charge complete in all respect. (a) 25mm average thickness in 2 layers.	RO	00	sqm			
25	Providing and Fixing 8 mm thick transparent acrylic sheet of approved brand required shall be fixed to existing structure with 25 mm micron, powder coated aluminum Alcon section top and bottom profile and water Proof EPDM gasket on both side of joints so as to make the roofing water tight. Alcon aluminum section shall be fixed 1.50 metre centre to center of top and bottom to the structure. EPDM gasket and aluminum profile shall be fixed with silicon sealant(winsil-20) with acrylic sheet and profile, shall be fixed with self tapping and self drilling 55mm long steel screw not more than 300mm centre to centre. Rate shall be inclusive of cost of material, taxes, cartage and labour to fix at site as per actual requirement. Rate for steel structure if required shall be paid for separately. Finished curved / flat as per actual execution at site shall be measured for payment.	RO	00	sqm			
26	ELECTRICAL ITEMS: Providing and fixing 20watts single LED tube light of approved brand like Philips or equivalent.	RO	00	each			