

SALWAN PUBLIC SCHOOL MAYUR VIHAR PHASE III, DELHI -110096

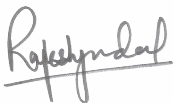
C/O SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX
MAYUR VIHAR PHASE III, DELHI-110 096

TENDER DOCUMENT

FOR

REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF
SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III,
DELHI – 110 096

(On item rates schedule)



Signature with date of SPS MV
Representative

Signature of Bidder or his
Authorised Representative
with date

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Notice Inviting Tender

Ref.: SPS MV/ Project / /2026

April 2026

To

The Bidder/Tenderer

Subject : REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096

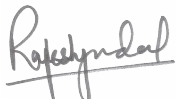
Dear Sir,

1. Sealed bids are invited by Salwan Public School, Mayur Vihar Phase III, Kondli Gharouli, Delhi - 110 096, from the financially sound and technically capable tenderer to undertake the under mentioned work:-

Name of the Work	Estimated cost put to tender:	Cost of tender document:	EMD	Completion Period
REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096	Rs 16 Lakhs	Nil	Rs 16,000/- in form of DD / RTGS / NEFT in the name of Salwan Public School, Mayur Vihar Phase III Kondli Gharouli Complex payable at Delhi 110096	03 Months

Note:

1. EMD shall be submitted at the time of submission of tender.
2. Tender can be downloaded from website <https://www.spsmayurvihar.com>
3. Tender can also be obtained from SPS MV Office after submitting the Demand Draft of Rs 1000.00 (Rupees One thousand only) in the favour of Salwan Public School, Mayur Vihar Phase III, Kondli Gharouli, payable at Delhi – 110096.



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2. INSTRUCTIONS TO BIDDERS.

2.1 **Brief Scope of Work.** The brief scope of work shall be to carry out repairs to RCC structural elements and associated items at terrace and mummy level of school the building of Salwan Public School, Kondli Gharoli Complex, Mayur Vihar Phase III, Delhi – 110 096, as per the Schedules of Work, Conditions of the Contract, Specifications, complete with removal and refixing of water storage, water supply and related electric arrangements, cleaning of site and safe disposal of construction and demolition waste, while adhering to local Municipal Laws/authorities, police authorities, pollution control authorities & direction from Health & Sanitation Departments.

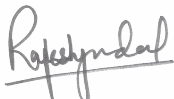
Completion Time is 03 months from the date of award of work.

2.2 TIME LINES.

Dates & Time For	: Date and Time
Date of NIT & publishing of Instructions to Tenderers, on website	: 06 April 2026 from 3:00 PM onwards.
Last date of applications for Tenders to be received by SPS MV Office	: 16 April 2026 upto 1:00PM.
Tender Document Publishing Date on Web site	: 06 April 2026, from 1:00 PM onwards
Tender Document Download Start Date	: 06 April 2026, from 1:00 PM onwards
Pre Bidding Meeting (if required by bidders)	: On Request
Bid Submission Date	: 20 April 2026 Upto 3:00 PM
Date & Time of Opening of Bid	: Will be intimated later, on email.

2.3. The rates quoted by the bidder/tenderer in Schedules and abstract shall be based on BOQs/individual schedules, specifications/technical specifications, drawings and the contract conditions forming part of the tender. This is a fixed price tender and no escalation shall be payable. The rates will remain firm during the entire duration of the contract. The tenderer shall submit the quote duly signed with date and stamp. The rates quoted by the Bidder/Tenderer should be expressed accurately both in words and figures. Quoted final amount shall separately show the quoted amount and the GST component.

2.4. **Eligibility Criteria.** The tenderer must fulfil the criteria mentioned in subsequent paragraphs and submit the documents in support.



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2.4.1 **Financial.**

2.4.1.1 Must have executed at least two similar works in last six years. Similar works also means repairs / retrofitting / rehabilitation of residential/institutional building with RCC framed structure of at least three storeys in last 06 (Six) years valuing more than 50 lakhs.

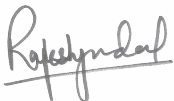
Note:-

- (1) Machine room, Lift Pit and Mumty shall not be counted as a storey. Basement, Stilt and floors constructed in the Building shall only be considered as storeys.
- (2) Only works executed in Delhi / NCR shall be considered for similar work.
- (3) The certified value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum (without compounding); calculated from the date of completion to previous day of last date of submission of tenders.
- (4) Qualified similar works shall be physically inspected by the SPS MV authorities to ascertain the completion, performance on quality of works for finalizing the technical bids.
- (5) Salwan Public School, Kondli Gharouli Complex , Mayur Vihar Phase III, Delhi - 110 096, hereinafter also referred to as (SPS MV), reserves the right to verify the works in execution or executed in past by the **bidder/tenderer** to ascertain quality and post construction issues.

2.4.1.2 **Average Financial Turnover.** The bidder/tenderer should have had the average annual financial turnover of Rs. 50 lakhs, on construction / repairs works during the immediate **last five years** ending 31st March, 2025. (Scanned copy of Certificate from Chartered Accountant with unique document identification number (UDIN) to be uploaded). The value of annual turnover figures shall be brought to current value by enhancing the actual turnover figures at simple rate of 7% per annum. Year in which no turnover is known would also be considered for working out the average.

2.4.1.3 The bidder/tenderer should not have been barred/blacklisted by the Central Government/State Government, or any entity controlled by it, from participating in any tender, and if the bar subsists as on the Bid Due Date, such bidder would not be eligible to submit the BID.

2.4.1.4 At the time of uploading of bid, the bidder/tenderer shall have also to upload Scanned copy of an affidavit on Non-Judicial Stamp paper of Rs.10/- as under: "I/We undertake and confirm that the subject work of "REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096" shall not be got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of SALWAN PUBLIC SCHOOL, MAYUR VIHAR PHASE III, then I/we shall be debarred for bidding in future forever. Also, if such a violation comes to the notice of SALWAN PUBLIC SCHOOL, MAYUR VIHAR before date of start of work, the SALWAN PUBLIC SCHOOL, MAYUR VIHAR authorities shall be free to forfeit the entire amount of Earnest Money Deposit.



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2.4.2 **Technical.**

2.4.2.1 The tenderer should have experience of having successfully executed **similar two works** of value at least Rupees Fifty lakhs during the last 06 years ending last day of month previous to one in which TENDER is invited.

2.4.2.2 Similar work: Similar works also means repairs / retrofitting / rehabilitation of residential/institutional building with RCC framed structure of at least three storeys in last 06 (Six) years valuing more than 50 lakhs.

2.4.2.3 The **bidder shall** disclose Legal Cases / Arbitration pending where the firm or its partners, as a partner or individually are parties or Directors including M.D. is party for and on behalf of Company or individually. The affidavit to this effect will be made on non-judicial paper of appropriate value.

3. **GENERAL**

3.1 Legal status of the firm indicating registration details, partnership deed, power of attorney in case of partnership firm, affidavit in case of proprietorship firm, memorandum and article of association in case of company.

3.2 Certified I.T. return for the last 03 (three) years and copy of PAN Card.

3.3 Audited Balance Sheet and P/L Statement for last 03 (three) Years.

3.4 GST Registration

3.5 ESIC Registration Code No

3.6 EPF Registration / Code No.

3.7 List of Technical Personnel along with their Qualification & Experience and the list of other resources like tools, construction equipment / plant and machinery.

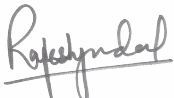
3.8 Copies of Award Letter / Contract / Work Orders / Purchase Order.

3.9 Completion certificate along with performance Certificate and payment certified true copy or any other document evidencing value of completed value of work to be submitted, giving name of work, value of works, completion period etc. The Salwan Public School, Mayur Vihar reserves the right to verify the submitted documents with original at any stage.

3.10. Whether the bidder / tenderer is registered with any Govt (Central / State / PSU). If so, then the registration number along with the relevant details shall be submitted.

3.11 In case of partnership firm, the tender shall be signed by the all partners who shall sign his own name and give the name and address of each partner of the firm and attach a copy of the Power of Attorney with the tender. In case of tender submitted by a company, it shall be signed by its Managing Director or a duly authorized person and shall bear official seal of the company with a resolution authorizing Managing Director to enter into and sign the contract on behalf of the company.

3.12. The bidder/tenderers shall examine carefully the entire tender documents. All costs, charges and connection with preparation of this tender shall be borne by the bidder and the Salwan Public School, Mayur Vihar Phase III shall not accept any liability / claim whatsoever in this regards.



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3.13. The Bidder/Tenderer, at the his own responsibility, risk and expense shall visit and examine the site of works, its surroundings and obtain all information that may be necessary for preparing the Bid, before quoting the rates and entering into a contract for the successful execution of the work. No claim on account of any peculiarities of the site conditions, levels, access to the site, space available and the available infrastructure around the site of work or due to any kind of restrictions shall be entertained. Ignorance of site conditions or local information shall not be considered as an excuse for non-performance of the contract.

3.13.1 This work being executed in school and only the silent activities are allowed during the school hours, safety of students, personnel, labour, nearby building, common area etc. are of prime concern. No let out on this account shall be acceptable. Working days and timings shall be restricted as per Govt. Guidelines & the timings imposed by School authority. The bidder/tenderer has to erect barricading and take all such further steps including deputing guards to keep the /students/school personnel/ passer-by for safety and for pollution control.

3.14. Bidders shall duly attest all corrections in the tender. Corrections if not attested, may entail rejection of the tender. Tender documents including the drawings, must be submitted along with the tender duly signed on each page. No additions or alterations shall be made in the Schedules, Specifications, Drawings, Terms and Conditions of Contract by the Tenderer and, if made, such Tender is liable to be rejected. Conditional and / or incomplete tender shall be rejected.

3.15. The tender shall remain valid for acceptance for a period of 60 (sixty) days from the date of opening of tender or extended to an unlimited period of time mutually agreed.

3.16 Bidder/Tenderer shall submit the entire TENDER document duly signed along with all corrigenda / addendums, if any, published later on, as it is downloaded from the Portal, to the SPS MV office on or before the due date and time.

3.17. **Salwan Public School, Mayur Vihar Phase III, Kondli Gharoli, Delhi 110096 reserves the right to:-**

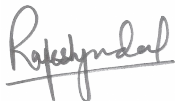
(1) Accept or reject any or all the applications/tenders received, at its own discretion, without assigning any reasons whatsoever and the right of accepting whole or part of any tender. Tenders, in which additional conditions have been put forth by the Bidders/Tenderer, shall be summarily rejected.

(2) Postpone/change/cancel the mentioned date, modify the terms and conditions, include new terms and conditions, split and distribute the work amongst more than one agency etc. in the interest of the Project, without assigning any reasons whatsoever.

(3) Ask for further Clarifications / verification etc. anytime, as and when required during the process.

(4) Be at liberty to cancel the Advertisement against the above Notice, anytime without assigning any reason whatsoever.

(5) Right to negotiate and / or reject any or all tenders without assigning any reasons thereof are held reserved by the Salwan Public School, Mayur Vihar Phase III, Kondli Gharoli, Delhi 110096. All correspondence & negotiations between the parties shall form part of the agreement.



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3.18 Evaluation of tender shall be done on the basis of the **hard copies** of technical document and the **original hard copies** of EMD & Cost of Tender as indicated in the NIT. However, the Committee will evaluate the technical documents submitted by the due date and time as per Critical Date Sheet, sealed in a separate envelope "Name of Work, and due Date/Time of Submission of Hard copies) must reach to the Tender Inviting Authority/ Salwan Public School, Mayur Vihar Phase III.

3.19 The Bidder/Tenderers are requested to deposit Earnest Money (EMD) in form of NEFT / RTGS / Demand Draft from Nationalized / Scheduled bank, issued in favour of:-

Beneficiary Name	:	Salwan Public School
ACCOUNT NO	:	91872140000109
Bank Name	:	Canara Bank
Branch	:	Mayur Vihar Phase III, Delhi - 110096
IFSC	:	CNRB0019187

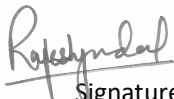
3.20 Tenders not accompanied by Earnest Money are liable to be rejected. The Earnest Money of the unsuccessful Tenderer shall be returned without any interest within 30 days from the date of award of the contract to the successful bidder. The Earnest Money Deposit (EMD) submitted with the tender shall, upon award of work, form part of the Security Deposit. The total Security Deposit shall be five percent (5%) of the gross value of work done, to be recovered by adjustment of EMD and balance deductions from Running Account Bills. The Security Deposit shall be retained without interest and released after expiry of the Defects Liability Period, subject to satisfactory completion and settlement of all dues.

3.21 The tenderer shall submit the quotation for bill of quantities in duplicate, one original accompanied with a photocopy thereof. Schedule of Quantities, conditions of contract and drawings, if issued, must be returned along with the tender duly signed on each page by the tenderer.

3.22 Tenderer shall also mention separately on company letter head duly signed & stamped with date as quote (\pm) percentage on CPWD DSR 2023 items for extra/substituted items, covered in DSR, which may be required to be executed but not included in BOQ. In case, bidder does not quote any % above or below the CPWD DSR 2023, then rates at par with DSR 2023 shall be admissible for extra/substituted items which may be required to be executed but not included in BOQ. The items which are not covered in CPWD DSR 2023, but are required to be executed shall be paid on the basis of market rates analysis made according to D.A.R 2023.

3.23 The quantities given in the schedule of quantities are liable to variations. Such variations in quantities shall not, however, vitiate the Contract in any way whatsoever, and the contractor shall be paid for the actual measured quantities and item of work executed by him at the rates given in the Schedule of Quantities. If on check, differences are found between the rates given by the Tenderer in words and figures or in the amounts worked out by him, the following procedure shall be followed:-

- (1) Where there is difference between the rates in the figures and in words, the rates which correspond to the amount worked out by the Tenderer, shall be taken as correct.
- (2) Where the amount of an item is not worked out by the Tenderer or it does not correspond with the rate written either in figures or words, then the rate quoted by the tenderer in words shall be taken as correct.



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(3) Where the rate quoted by the Tenderer in figures and in words tallies but the amount is not worked out correctly, the rate quoted by the Tenderer shall be taken as correct and not the amount.

(4) However, if a tenderer quotes Nil rates against each item in item rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer and earnest money deposited shall be forfeited.

3.24. Tender submitted along with all requisite documents shall be evaluated by the Technical Committee at its sole discretion of the Salwan Public School, Mayur Vihar Phase III, Kondli Gharouli, Delhi 110096.

3.25. During scrutiny / issue of work Order, if it comes to the notice of the Salwan Public School, Mayur Vihar Phase III, that the credential or any other Papers Found incorrect / manufactured / fabricated, that Bidder/Tenderer will not be allowed to participate in the Tender and the offer will be rejected without any prejudice & no correspondence in this regard shall be entertained. Before issuance of the work order, the SPS MV may verify the credential, other Documents and the works executed. After verification, if it is found that such information / documents submitted is either manufactured or false, in that case, work order will not be issued in favour of the Bidder/Tenderer and EMD shall be forfeited. In case the Bidder/Tenderer gives wrong information in his Tender or creates circumstances for the acceptance of his Tender, the SPS MV reserves the right to reject such Tender at any stage.

3.26. The Bidder/Tenderer, whose tender has been accepted shall within ten days of the intimation of acceptance of the tender, hand over to the Director of the Salwan Public School, Mayur Vihar, Phase III, Kondli Gharouli, Delhi 110096, the Stamp paper of the required value for entering into agreement. Bidder / Tenderers failure to comply with these conditions within the time shall give right to the SPS MV to revoke acceptance of the tender and forfeit his earnest money, without any further notice to the bidder.

3.27. After acceptance of tender, the successful Bidder/Tenderer shall sign the necessary Contract within ten days from the date of award letter. In case of delay, when the successful bidder/tenderer does not commence the work on the date mentioned in the award letter for commencement of work, the earnest money shall be forfeited, and his bid will be cancelled. In such event SPS MV may negotiate with any of the other Tenderers and award the work.

3.28. Security Deposit shall be deducted at the rate of 5% of the value of work done in Running Account (RA) and final bill. Initial deposit of Earnest Money will form part of the Security Deposit. The Security Deposit shall / will be refunded, without interest, after defect liability period.

3.29. In case of Anti Termite Treatment, Sanitation, Plumbing and Electrical work, the Bidder/Tenderer must either possess the required license himself or get the work executed or certified through any agency possessing such a license, the responsibility and liability, of which shall be solely that of the Tenderer, without any extra cost.

3.30. The Bidder shall be wholly & solely responsible for site & stores safety, to observe all the laws, rules & regulations / guidelines including Building Bye – laws and conditions laid down by MCD, Delhi Jal Board, Local Civil Authorities, NGT for pollution Control, Labour Laws, Labour Welfare Laws, Mosquito Control, the Central Govt., Laws / guidelines for safety at construction sites and other

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administrative authorities. Bidder/Tenderer shall be liable to pay all taxes, royalties, licenses, damages, penalties or any other expenditure of any types arising in respect of execution of the work rates quoted deemed to have been included in the tender. Tenderer shall make his own arrangements for water supply, electricity arrangements, lighting facility, sanitary arrangements and the arrangements required as per labour laws. Tenderer shall ensure adequate protection to trees and ensure clean and hygienic environment and surroundings in the work area and surroundings.

3.31. The Bidder/Tenderer shall take valid license in his favour under the provisions of the Contract Labour (Regulation and Abolition) Act 1970 before starting the work and nothing shall be paid extra on this account.

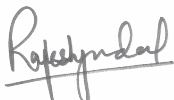
3.32. A pre-bid meeting shall be conducted at site with the bidders, Architect, Engineer-in-charge, Chief Engineer SET (Sawan Education Trust) or any officials as may be considered necessary. Any clarification in respect of this tender may be obtained from Chief Engineer, SET (Sawan Education Trust).

3.33. Desirous bidders may download the complete Tender Documents from the Institute's Website at given link i.e. The Tender i.e. <https://www.spsmayurvihar.com>. The duly filled tender along with the prescribed **Earnest Money Deposit** should be submitted to **The Director, Salwan Public School, Kondli Gharoli Complex, Mayur Vihar Phase III, Delhi - 110 096** on or before timelines mentioned at Paragraph 2.2 above.

3.34 Applicants may regularly view website for any further details / corrigendum's etc. All correspondences and negotiations between the parties shall form part of the agreement.

3.35 In case of any clarification regarding this tender, bidder may contact School Engineer on Telephone No 87529-81614, during office hours, 0900 – 1700h.

The Director
Salwan Public School,
Kondli Gharouli Complex
Mayur Vihar, Phase III,
Delhi-110 096



Signature with date of SPS MV
Representative

Signature of Bidder or his
Authorised Representative
with date

TENDER FORM

To

The Director
Salwan Public School,
Kondli Gharouli complex
Mayur Vihar Phase III, Delhi-110 096

REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096

Dear Sir,

I / We do hereby submit my / our bid as detailed in the enclosed Schedule of Items / Work (BOQs) for the execution of the work specified hereinafter within the time specified and at the rates specified against each item of each schedule of work therein and in accordance, in all respects, with the specifications, design, drawings and instructions supplied by you which I / we have read very carefully.


- (a) Name of the work : REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096.
- (b) Estimated cost put to work : Rs 16 Lakhs
- (c) Earnest Money : Rs. 16,000/- in form of NEFT / RTGS / DD only.
- (d) Time for completion : 02 months

I / we hereby distinctly and expressly declare and acknowledge that before the submission of my / our Tender, I / we have carefully followed the Notice Inviting Tender, Conditions of Contract, Schedule of Items, Notes to the Schedules, Specifications and Drawings and clearly understood all the Conditions of Contract.

I confirm that prior to submission of tender, I have inspected the site, surroundings, access, working conditions, constraints, road, traffic restrictions, storage space, restricted working hours due to school activities and all factors affecting successful execution. I confirm that I shall not be entitled to any additional payment or extension of time on account of any misunderstanding, incorrect assumption or lack of site knowledge.

I / we enclose herewith a RTGS/NEFT transaction No _____ dt _____ OR Demand Draft No. _____ drawn on _____ dated _____ for Rs. 16,000/- (Rupees sixteen thousand Only) duly certified from bank as good for payment as earnest money, which shall not bear any amount of interest.

Signature with date of SET's
Representative



Signature of Contractor or his
Authorised Representative with
date

Should this tender be accepted in whole or in part, I / we hereby agree to abide by and fulfil and the Terms and Conditions annexed hereto. If I / we fail to sign the Agreement and commence the work, I / we understand that the earnest money shall stand absolutely forfeited to the Salwan Public School, Kondli Gharoli Complex, Mayur Vihar Phase III, Delhi -110 096. Otherwise the earnest money shall be retained as part of the Security Deposit (5%) as described in the Conditions of the Contract. I / we also agree to the Security Deposit being deducted from my / our bills in accordance with the Conditions of contract. I / we agree to keep the offer open for 60 days from the Date of Opening of Tender.

Yours faithfully,

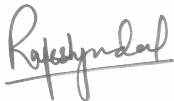
Dated:

Stamp

Signature

Place: _____

Name & Address



Signature with date of SET's
Representative

Signature of Contractor or his
Authorised Representative with
date

ARTICLE OF AGREEMENT

THIS AGREEMENT is made at Delhi on DD MMM 2026

(REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096)

BETWEEN

A. Salwan Public School, C/o Salwan Education Trust , Kondli Gharouli complex, Mayur Vihar Phase III, Delhi-110 096 (here-in-after referred to as “**SPS MV**”) acting through its authorised signatory the Director (hereinafter referred to as the “**Owner**”), which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns of the “**FIRST PART**”

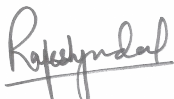
AND

B. M/s XXXXXXXXXXXX Contractor, (hereinafter referred to as “**Contractor**”) Office at 00000 Floor, 000000 Road, New Delhi-110 001, GSTIN No 000000000000000000, having its registered office at xxxxxxxxxxxxxxxxx, New Delhi- xxx xxx through its authorized signatory Mr AAAAAAAAAAAAAA which expression shall, unless repugnant to the context or meaning thereof, include its successors and administrators of the “**SECOND PART**”.

WHEREAS, SPS MV is desirous of “REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096”, as per Schedules of Work, BOQ, Terms and Conditions of the Agreement, Specifications, Contract Drawings and as per Good Engineering Practices to be executed under the guidance of Owner and Engineer-in-Charge deputed by the Owner.

AND WHEREAS in order to enter into contract, the Notice Inviting Tender (NIT) was published in newspapers on _____, for the work of “REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096”. Site has been visited, Tender Notice, Instructions to Bidders, Tender Form, Items of Work : Schedules, Conditions of the Contract, Specifications and drawings have been carefully studied by the tenderer/contractor and signed by the tenderer/contractor and subsequently the Rates of items in Schedules have been quoted duly signed by or on behalf of the tenderer.

AND WHEREAS, the bids of all bidders were **opened on DD MMM 2026**. The quote of M/s XXXXXXXXXXXX for Rs _____ (Rupees _____) was the lowest. Consequent thereto, the bid documents were placed before a committee duly constituted by the **Trust** for making recommendation on the merits of the bids submitted.



Signature with date of SET's
Representative

Signature of Contractor or his
Authorised Representative with
date

AND WHEREAS, the committee / school authorities after perusal of the bid documents, recommended the award of the contract to M/s XXXXXXXXXXX, whose bid is the lowest for Rs _____ (Rupees _____) and who has means to execute the assignment.

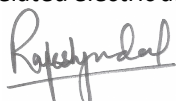
Pursuant to the recommendations, a Letter of Intent dated DD MMMM 2026 was issued to M/s XXXXXXXXXXXXXXXXXXXX, who accepted the same unequivocally and agreed to execute the works specified in the said "Priced Bill of Quantities" shown in the "said drawings", described in the said "specifications", as per the said submitted / agreed priced bid (all together hereinafter referred to as the "Conditions"), and as set out in the contract and terms and conditions forth here-in-after.

AND WHEREAS, the contractor has agreed to deposit the Security Deposit (5%) of Running Account Bill to be deducted from each Running Account Bill, which shall be released, without interest, after Defect Liability Period, subject to satisfactory performance of the works executed.

AND WHEREAS the SPS MV accepted the TENDER of the said M/s XXXXXXXXXXXXXXXXXXXX for the provision and the execution of the said works upon the terms & conditions of Tender at a cost of Rs. XX,XXX,00,000.00 (Rs XXXXX XXXX lakhs) excluding GST (18%) but including other taxes / sales – tax / escalation / freight / insurance, Labour Welfare Cess, Octroi, municipal taxes, insurance with clear mention that nothing extra shall be payable.

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED AND DECLARED AS FOLLOWS:-

1. In this agreement words and expression shall have the same meaning as are respectively assigned to them in the conditions of contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part and parcel of this agreement viz.,
 - (a) The Tender Document comprising Tender Notice, Instruction to Bidders, Tender Form, Priced Schedules/items of Work (Bill of Quantities), Article of Agreement, Conditions of the Contract, Specifications of the Work, Appendices, drawings, and Amendment No XX dated DD MMM 2026 to the tender document and letters / communication mentioned to be part of the Contract Agreement.
 - (b) Letter No NIL from the Contractor dated DD MMM 2026, in response to the Tender Enquiry.
 - (c) Letter of Intent (LOI) and its acceptance thereof.
 - (d) All the correspondence/proceeding of meetings till finalization of work.
 - (e) Letter of acceptance from Contractor dated DD MMM 2026.
 - (f) Letter dated
3. The scope of work shall be to carry out repairs / retrofitting to RCC structural elements and associated items at terrace and mumty level of school the building of Salwan Public School, Kondli Gharoli Complex, Mayur Vihar Phase III, Delhi – 110 096, as per the Schedules of Work, Conditions of the Contract, Specifications, complete with removal and refixing of water storage, water supply and related electric arrangements, cleaning of site and safe disposal of construction and demolition waste,



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while adhering to local Municipal Laws/authorities, police authorities, pollution control authorities & direction from Health & Sanitation Departments.

4. The Contractor confirms that prior to submission of tender he has satisfied himself as to the nature of the work and site, has inspected the site, surroundings, access, working conditions, constraints, road, traffic restrictions, storage space, restricted working hours due to school activities and all factors affecting successful execution. The Contractor shall not be entitled to any additional payment or extension of time on account of any misunderstanding, incorrect assumption or lack of site knowledge.

5. In consideration of the payments to be made to the Contractor for the work to be executed by him, the Contractor hereby covenants with the Owner that the Contractor shall and will duly provide, execute and complete the said works as per Terms & Conditions of the Contract, perform all other acts and things in the Contract mentioned or described or which are to be implied there from or may be reasonable, necessary for the completion of the said works and at the times and in the time bound manner subject to the terms and conditions or stipulations mentioned in the Agreement.

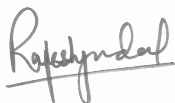
6. In consideration of the due provision, execution and completion of the said works, the OWNER does hereby agree to pay to the Contractor for the work actually done by the contractor at the "Scheduled Rates" as accepted by the OWNER or at such other rates as per the provisions of the contract and such other sums as may become payable to be made at such time and in such manner as set forth in the terms of conditions of the contract.

7. In consideration of the above the contractor does hereby agree to pay to the OWNER the sums as may become due to the OWNER for the services, if any, rendered by the OWNER to the contractor and such other sum or sums as may become payable to the OWNER as per the terms and conditions of the contract, such payments to be made at such time and in such manner as is provided in the contract.

8A. The term "ARCHITECT" in this agreement shall mean the said M/s Architect AAA or in the event of their ceasing to be the Architects for the purpose, any other Architect / person engaged by the OWNER. Provided always that no person(s) subsequently appointed to be the Architects under this contract shall be entitled to disregard or overrule any decision of approval or direction given or expressed in writing by his predecessor.

8B. The term "STRUCTURAL DESIGNER" in this agreement shall mean the said M/s BBB, Structural Designer or in the event of their ceasing to be the Architects / Structural Designer for the purpose, any other Architect / Structural Designer engaged by the OWNER. Provided always that no person(s) subsequently appointed to be the Architects / Structural Designer under this contract shall be entitled to disregard or overrule any decision of approval or direction given or expressed in writing by his predecessor.

9. The OWNER through "ARCHITECT" and/or STRUCTURAL DESIGNER and/or Engineer-in-Charge reserve to themselves the right of altering the drawings and nature of the works and of adding to or omitting any items or works or having portions of the same carried out departmentally or otherwise and such alteration or variations shall be carried out without prejudice to this contract.

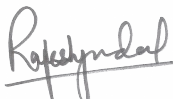


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10. THE CONTRACTOR FURTHER UNDERTAKES THAT:-

- (a) The work shall be completed well within stipulated time to complete the work and to the best of quality as per terms and conditions set forth in the Contract Documents.
- (b) The contractor has fully read and understood all the terms and conditions of Tender/Contract Documents.
- (c) That the Contractor shall work in close liaison / co-ordination with other agencies working at the site and nothing extra / damages shall be paid / payable on account of damage / delay / non-performance of any external agency.
- (d) The Contractor shall be wholly & solely responsible to observe all the laws, rules regulations including Building Bye – laws and conditions laid down by Municipal Corporation of Delhi (MCD) and other Local Civil Authorities, or the Central Govt. and other public authorities; and that the Contractor shall be liable to pay all types of taxes, Cess of all kind including Labour Welfare Cess, Octroi, sales tax, royalties, licenses, damages, penalties of all types arising in respect of execution of the work.
- (e) The Contractor shall take valid license in his favour under the provisions of the Contract Labour (Regulation and Abolition) Act 1970 before commencing the work. He shall not be paid any extra amount on any account. The Contractor shall be responsible for Terms and Conditions of services of the labour and other staff employed / engaged / deputed at site as per rules applicable in the State including pay & allowances, salaries, wages, C.P.F., Insurance, compensation and medical facilities etc. and the Owner shall not be a party in any such matter.
- (f) The Contractor shall take adequate protective measures to ensure that the excavation operations or any construction work do not damage the structure of the adjacent Buildings. Contractor shall ensure adequate protection measures, safe and correct order of construction in order to safeguard any damage to the structure or property of the School. Any damages shall be made good by the Contractor at his own cost. No extra amount shall be admissible on this account. The Contractor shall take adequate protective measures so as to ensure protection at the work site and also protect the school children from debris and pollutants.
- (g) It shall be the risk and sole liability of the Contractor for injury, mishap caused, if any, to any person at the works site including Civil / Criminal liability, if any; and that the OWNER shall not in any way be responsible or liable.
- (h) The Contractor shall indemnify and protect the OWNER and his employees or agents or Students from any losses, claims, demands, payments, suits, actions, recoveries and judgments of every nature and description brought or recovered against him by reason of any act or omission by the said Contractor, his agents or employees in execution of the work, in guarding of it, and / or by any reason of alleged patent infringements.
- (i) Any material not approved by the Engineer-in-Charge / Authorized Representative of the OWNER would be removed from the Site within 48 hours failing which the Owner may get the same removed at the cost & risk of the Contractor.



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11. In case of any dispute or difference arising during the progress of the work in relation to meaning or interpretation of the Agreement, the authorised official of the Salwan Public school, Kondli Gharoli Complex Mayur Vihar, Phase III, Delhi -110 096 and the Contractor will address the disputes / differences for mutual resolution and failing which the matter shall be referred to the Sole Arbitrator appointed mutually by both the Parties. The provisions of the Arbitration and Conciliation Act, 1996 will be applicable to the arbitration proceedings. The venue of the arbitration shall be at Delhi/New Delhi. The cost of the Arbitration proceedings shall be shared equally by both the parties. The decision / award of the arbitrator shall be final and binding.

12. The Contractor hereby covenants, and agrees with Salwan Public School, Kondli Gharoli Complex, Mayur Vihar Phase III, Delhi 110096 to "REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096" and perform the works in conformity in all respects and subject to all terms and conditions/rules as mentioned in the aforesaid documents which shall form part and parcel of this agreement. The provisions made in this contract have been carefully read and fully understood by me, the undersigned. In witness whereof, SPS MV and the Contractor hereunto have respectively signed on the day and year first above written.

For & on behalf of

For & on behalf of the

Contractor with seal and date

Salwan Public School, Kondli Gharoli Complex,
Mayur Vihar Phase III, Delhi – 110 096

With Seal and date

Signed by the said in presence of
(with date)

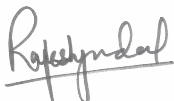
Signed by the said in presence of
(with date)

Name : _____

Name : _____

Address :

Address :



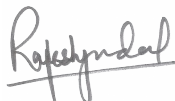
Signature with date of SET's
Representative

Signature of Contractor or his
Authorised Representative with
date

CONDITIONS OF CONTRACT**1. INTERPRETATIONS.**

In construing these conditions, the Specifications, the Schedule of Quantities / Items of Work and the contract agreement, the following words shall have the meanings herein assigned to them except where the subject or context otherwise require.

- (a) Owner/Employer : Shall mean SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096
Represented by DIRECTOR and shall include his (their) legal representative, assigns and successors.
- (b) Engineer-in-Charge : Shall mean the Engineer appointed by the Owner for supervision of the work, issue on the spot directions / instruction, both oral as well as in writing to the contractor, keeping proper measurement books, verification of interim bill/final bill claims that may be submitted by the contractor from time to time. He may be assisted by any other engineer(s) for the said purpose.
- (c-1) Architect : As engaged or nominated by School Authorities / OWNER.
- (c-2) Structural Designer : As engaged or nominated by School Authorities / OWNER
- (d) Contractor : The Contractor shall mean the M/s XXXXXXXXXXXXXXXXXXXX, (individual, firm or company), whether incorporated or not undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company or the successors of such firm or company and the permitted assignees of such individual, firm or company.
- (e) Work : Shall mean all the details of work to be carried out as specified in the Schedules and Drawings. The works to be executed in accordance with the Contract and its Terms and Conditions or part thereof as the case may be and shall include all extra, additional, altered or substituted items as required for the purpose of the Contract for satisfactory completion of the structure to make it functional well for purposes for which it is intended.
- (f) Site : Shall mean the site of contract works comprising of school premises at Salwan Public School, Kondli Gharoli Complex, Mayur Vihar Phase III, Delhi – 110 096, Junior Block / Senior Block, adjacent to Junior Block and any other land adjoining thereto inclusively as aforesaid allotted by the Owner for the work.



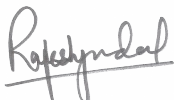
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- (g) Contract : Shall mean Notice Inviting Tender, Tender Form, Instructions to Bidders, Conditions of the Contract work, specifying quantities and rates, Specifications of the Work, List of Makes /Brand of Material, Schedules), set of drawings, Letter of Intent, Letter of acceptance by the tenderer and the contract agreement attached hereto any other document specifically mentioned in the correspondence and any supplementary instructions, directions/undertakings.
- (h) Notice in writing : Shall mean a notice in written, typed or printed or characters sent, communication by email (unless delivered personally or “Written Notice” otherwise proved to have been received) by registered post addressed to the registered office of the addressee/email address furnished by the tenderer/contractor and shall be deemed to have been received when in the ordinary course of post it could have been delivered.
- (j) Completion : Shall mean that the repair / retrofitting related works in the opinion of the Engineer-in-Charge, are complete with re-installation of water storage tanks, plumbing systema and electrical connection and is fit for use.
- (k) Chief Engineer : Chief Engineer of SET (Salwan Education Trust) or Director Infrastructure Planning and Projects of SET
- (l) B.I.S. or I.S.I. : The terms B.I.S. and / or I.S.I. shall mean Indian Standard Specifications as issued by the Bureau of Indian Standards / Indian Standard Institution, current on the date of submission of the tender.
- (m) Words : Words imparting persons include firms and corporations. Words imparting the singular only also include the plural. Words imparting the male also include the female and vice versa where the context so requires.

2. **SCOPE OF CONTRACT.**

2.1 The scope of work shall be to carry out repairs to RCC structural elements and associated items at terrace and mumty level of school the building of Salwan Public School, Kondli Gharoli Complex, Mayur Vihar Phase III, Delhi – 110 096 as per the Schedules of Work, Conditions of the Contract, Specifications, complete with removal and refixing of water storage, water supply and related electric arrangements, cleaning of site and safe disposal of construction and demolition waste, while adhering to local Municipal Laws/authorities, police authorities, pollution control authorities & direction from Health & Sanitation Departments. The scope of the work shall be:-



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2.1.1 To carry out and complete the said work in every respect in accordance with the Terms and Conditions of the contract and with the directions of and to the satisfaction of the Owner/Engineer-in-Charge/Architect.

2.2 The Contractor's work shall include:-

2.2.1 Supply of all labour, equipment, concrete mixing plants, material, machinery, tools, plants, electric generator, transportation, scaffolding, safety equipment, water treatment, Testing of all materials exclusively Steel reinforcement, cement etc. and everything else necessary and required by law or local authorities / MCD, including any directions / orders of NGT or Pollution Control Board and in the full and entire execution and completion of the works and shall unless otherwise stated, include waste on materials, carriage and cartage, carrying of empties, hoisting, lifting, fitting and fixing in position, commissioning, testing and all other labour necessary in and for the full and entire execution and completion of aforesaid work in accordance with the Items of Work specified in schedules, conditions of the contract, specifications, drawings, good engineering practice and recognized engineering principles.

2.2.2 The Contractor shall be fully responsible and liable for everything and all matters in connection with or arising out of or being a result consequence of his carrying out or omitting to carry out any part of the Work.

2.2.3 Where any parts of the Work is executed by Sub Contractors, the responsibly and liability of the Contractor shall cover and extend to the work of all such Sub Contractors.

2.2.4 The Owner may in his absolute discretion from time to time issue / drawings / or change drawings or amend drawings and/or written instruction, details, direction and explanations which are hereafter collectively referred to as "the Owner's Instructions" in regards to:

2.2.4.1 The variation or modification or clarifications of the design, quality of works or the additions or omissions or substitution of any work.

2.2.4.2 The removal from the site of any materials brought thereon by the Contractor and substitution of other materials therefore.

2.2.4.3 The removal and/or re-execution of any sub-par works executed by the Contractor.

2.2.4.4 The dismissal from the works of any persons thereupon.

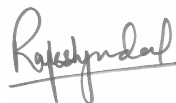
2.2.4.5 The opening up for inspection of any work covered up without inspection and joint measurement.

2.2.4.6 Amending and making good of any defects.

2.2.5 The Contractor shall forthwith comply with and duly execute any work comprised in such instructions by Owner / Architect / Structural Designer / Engineer-in-Charge provided always that verbal instructions, and directions, exclamations given to the contractor or his foreman upon the works shall if involving a variation be confirmed in writing by the contractor within 7 days and not dissented from in writing within a further period of 7 days by Architects, such be deemed to be Architect's instructions within the scope of contract.

2.2.6 The contractor shall provide everything necessary for the proper execution of the works according to the intent and meaning of the Items of work described in Schedules, Drawings,

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Specifications taken together, whether the same may or may not be particularly shown or described therein provided that the same can reasonably be inferred there from and if the Contractor finds any discrepancy in the drawings and between the drawings , specifications, he shall immediately and in writing refer the same to the Architect, show shall decide which is to be followed.

2.2.7 The contractor shall clear all the debris/construction materials from the site premises.

3. **RATES.**

3.1 The Contractor confirms that prior to submission of tender he has satisfied himself as to the nature of the work and site, has inspected the site, surroundings, access, working conditions, constraints, road, traffic restrictions, storage space, restricted working hours due to school activities and all factors affecting successful execution. The Contractor shall not be entitled to any additional payment or extension of time on account of any misunderstanding, incorrect assumption or lack of site knowledge.

3.2 The rates quoted by the contractor in the Schedules shall remain firm till the completion of all construction and issue of final certificate of completion under this Contract. No Escalation or increase in rates shall be allowed during the period / extended period of construction.

3.2.1 The items provided in the drawings and specifications and rates quoted by Contractor are connected with the Contract conditions, specifications and technical specifications. Before quoting rates, the contractor is advised to read the tender carefully. No claim for misunderstanding shall be accepted at later stage.

3.2.2 The rate quoted shall be deemed to include all taxes such as excise duty, Octroi, Royalty, toll tax, any municipal tax, or any other tax or duty or both levied by the Central/State Govt. or Local Authorities.

3.2.3 The rates quoted by the Contractors are applicable for all heights/levels unless mentioned otherwise in Schedule 'A'

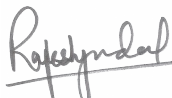
3.2.4 The rates quoted unless otherwise specified shall include works in all shapes, straight, inclined, curved etc, and all sizes as shown in drawing or as required unless mentioned otherwise in Schedule 'A'.

3.2.5 "No alteration, omission, addition or substitution shall vitiate the Contract. The Contractor shall execute variations only upon written instruction of the Owner / Engineer-in-Charge.

Rates for extra or substituted items not covered in the BOQ shall be determined prior to execution No claim for extra payment shall be entertained unless prior written approval and rate fixation is obtained."

Where an item of work is not covered under this tender / schedule of items of work, the rate for such extra or substituted items same shall be determined prior to execution based on CPWD DSR-2023 with applicable tendered percentage, or market rate analysis made according to latest CPWD DSR 2023 / latest CPWD DAR or as per market rates where such market rate analysis can not be prepared as per DSR / DAR. In case plus/minus percentage (%) over and below DSR 2023 has not been quoted, the rates shall be analysed and fixed as per DSR-2023 or market rates, whichever rates are beneficial to Owner / school authorities. Electrical items not included in the items of work but included in CPED DSR 2023, shall be paid at minus (-30%) thirty percentage of the rates specified in DSR 2023.

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3.2.6 Any item explained or shown in drawing or explained in specifications or explained in schedule of quantities shall be complementary to each other and shall be deemed to be explained in totality. Even if certain things are mentioned in any one of these portions of the tender document and the Contractor is liable to quote rates after studying all as one and no claim will be allowed for misunderstanding or misinterpretation.

3.3 Scheduled rate quoted in the tender/schedules shall include all charges for safety, security of site and all construction processes before and during execution, maintenance throughout the construction period, scaffolding, centering, materials, water and electricity charges, temporary masonry pillars, site markings, grid lines, levels, plumbing, transport, labour and supervision, construction of temporary stores, site office, barricading, fencing, watch & ward, lighting sites making, and clearing of site, water curing for all relevant items of work, hire charges of any / all tools and plants required for the construction including generator etc. The rates quoted shall include construction, before starting of excavation, protection, and maintenance throughout the construction period, of pucca masonry pillars, showing main centre line of Building, grid lines and levels.

3.4 The rate quoted shall include working in all conditions including in/under water, liquid mud, foul conditions etc. and shall also include bailing or pumping out water from the foundations, shoving, strutting to prevent collapse of earth excavated for pits or at any other place of construction collected from rains, or any other source whatsoever, at any time till the completion of work including all suspension period and delays whatsoever unless mentioned otherwise in Schedule. Surplus earth excavated after filling trenches and plinth etc. shall be disposed off by the contractor.

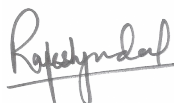
3.5 The contractor shall arrange at his own cost construction water & potable water required by his workers, temporary electric connection or generator as required for timely execution of the work. However, Contractor may approach local administrative / municipal authorities for grant of temporary water and electric connection, for which contractor shall pay the allotment, connection charges, royalty and clear dues timely. **Contractor may approach school authorities for grant of temporary water and electricity supply for the purpose of work under this contract, who may, subject to availability, allow use of water and electricity for which contractor shall pay separate water and electricity charges calculated at the rate of 1% (combined water and electricity charges) of the amount of the gross value of work done.**

3.6 The rates quoted in the schedule shall deemed to be full and inclusive of works including all costs and expenses which may be required for the execution of the work described together with either associated items such as general risks, liabilities and obligations, insurance, labour regulations, indemnity, maintenance and the like set forth or implied in the tender documents. On completion of work and if necessary, on completion of defects liability period as decided by the Owner, all such temporary Buildings shall be cleared away by the contractor and the site reinstated and left clean and tidy.

3.7 The quantities given in the schedule of quantities are liable to variations. Such variations in quantities shall not, however, vitiate the Contract in any way whatsoever and the Contractor shall be paid for the actual measured quantities and item of work executed by him at the rates given in the Schedule of Quantities.

3.8 The Contractor shall at the time of signing the Contract insure the works and keep them insured until the virtual completion of the Contract against loss or damage by fire in joint names of

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the Employer and Contractor for the full amount of Contract. In default of the Contractor insurance as provided above, the Employer on his behalf may do so and may deduct the premium paid, from any money due or which may become due, to the Contractor.

3.9 If during the progress of the work, the Owner / Engineer-in-Charge / opines that some portion of the work in his opinion, turns out to be a specialist's job or the work has become a specialist's job after some modifications or changes in design by the Owner or Engineer-in-Charge or the work is too special for the Contractor on account of lack of knowledge, equipment, the Employer shall be free to have the same done by a specialist for a particular work and shall enter into direct contract with such a specialist without invalidating other conditions of the Contract. The Contractor shall neither have any right to claim for such specialist work nor seek any compensation for reducing the scope of project work.

4. **EMERGENCY WORKS.**

4.1 Emergency works mean any urgent measures which in the opinion of the Engineer-in-Charge, become necessary during the progress of the works to obviate any risk of accident or failure or which becomes necessary for security of or rectification to essential services during the defects liability period. If any emergency work become necessary and the contractor is unable or unwilling to carry them out, the Engineer-in-Charge may on his own or through other work people carry them out, as he may consider necessary.

4.2 If the emergency works arise which the Contractor is liable under the Contract to carry out at his own expense and if carried by the Owner, all expenses incurred shall be recoverable from the Contractor and if necessary, be set off against any sum payable to him under this Contract.

5. **ASSIGNMENT AND SUBLETTING.**

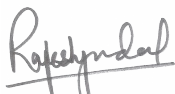
The whole of the works included in the Contract shall be executed by the Contractor and the Contractor shall not directly or indirectly transfer, assign or sublet the Contract or any part thereof or interest therein without the written consent of the Owner; but no undertaking shall relieve the Contractor from the full and entire responsibility of the Contract or from active superintendence of the works during their progress.

6. **MANDATORY REQUIREMENTS.**

6.1 **Adherence to New Labour Laws / Code.**

6.1.1 The Contractor shall at all times comply with applicable provisions of the Code on Wages, Industrial Relations Code, Code on Social Security, and Occupational Safety, Health & Working Conditions Code (collectively, Labour Codes) and relevant State Rules. The Contractor shall ensure timely payment of wages, statutory social security contributions, issuance of appointment letters, workplace safety compliance, maintenance of records, and shall indemnify the Employer against all liabilities, fines, and penalties arising from non-compliance.

6.1.2 The Contractor shall comply with all statutory regulations relating to the "work" including workmen compensation, minimum wages, Employees Provident Fund Act, ESI Act and Works Contract Act as applicable in NCT of Delhi in terms of registration, payment and other rules as applicable to construction workers.



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6.1.3 The Contractor shall remain liable for the payment and shall pay or cause to be paid all wages or other money to his work people or employees in connection with the said work under the Act or Enactment relating thereto and rules framed there under as if the labour had been directly employed by him.

6.1.4 In respect of all labour directly or indirectly employed on the works for the performance of the Contractor's part of this Agreement, the Contractor shall comply with or cause to be complied with the current labour Regulations in regard to all matters provided therein and with all other labour Laws as may be applicable which shall be deemed to be a part of this Contract and P.F. laws.

6.1.5 The Contractor shall during the progress of the work comply at his own expense with all the current rules and provision for the protection of health and sanitary arrangements and safety provisions for workers employed as required by the relevant provisions of law and shall at his own expense provide for all facilities in connection therewith.

6.1.6 The Contractor shall work only on and during the hours of working day unless he obtains the prior written approval of the Employer to do otherwise. If such approval is given no liability in respect of any excess cost arising there from shall be incurred by the Employer.

6.1.7 In the event of any time or penalty imposed on the Owner by any authority relating to the Labour and works, the same shall be paid by the Contractor.

6.2 Admission to Site.

6.2.1 Any officials of the Employer connected with the Contract shall have the right of entry to the site at all times.

6.2.2 The Owner/Architect / Engineer-in-Charge and their representative shall at all reasonable times have free access to the works and/or the workshops, factories, or other places where material are lying or places from which they are being obtained and the Contractor shall give every necessary facility to the Owner/ Architect/ Engineer-in-Charge or his representative for inspections and examination and test of the materials and workmanship as and when required by the Owner/Architect/Engineer-in-Charge.

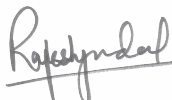
6.2.3 The Contractor shall provide if necessary or if required, on the site all temporary access and shall alter, adopt and maintain the same as required from time to time and shall take up and clear away as and when no longer required and make all good.

6.2.4 The Employer reserves the right to use the premises and any portions of the site for the execution of any work not included in this Contract which he may desire to have carried out by other persons and the Contractor is to allow all reasonable facilities for the execution of such work but is not required to provide any plant, material, or labour for the execution of such work except by special arrangement with the Employer. Such work shall be carried out in such manner as not to impede the progress of the works included in the Contract and the Contractor is not to be responsible for any damage or delay, which may happen to or be occasioned by such arrangement.

6.2.5 The Employer reserves the right of taking over, at any time, any portion of the site, which he may require, and the Contractor shall at his own expense clear such portion forth with, without claiming any compensation on this account.

6.3 Temporary Workshop, Stores etc.

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The Contractor shall during the progress of the work, provide, erect and maintain at his own expense temporary workshop, stores, site office etc. as required for the proper and efficient execution of the works. On completion of work and if necessary, on completion of defects liability period as decided by the Employer, all such temporary Buildings shall be cleared away and the site reinstated and left clean and tidy. No payment shall be made to the Contractor for the above work.

7. INDEMNITY OF OWNER.

7.1 The Contractor shall at all times during the agreement and thereafter, indemnify and keep indemnified SPS MV, its officers, employees and representatives, from all or any claims, losses, demands, damages, etc., which the Owner, its officers, employees and representatives may or are likely to suffer by reason of acts, defaults, deeds, things, omissions and commissions committed by the Contractor or by its staff, employee, agent, permitted sub-contractor or representative while performing the terms, conditions and obligations under this agreement.

7.2 The Contractor shall indemnify the Owner against any action, or claim coming out of the construction and shall defend all actions arising from such claims and himself pay any damages, cost of all and every sort or other charges which may be payable in respect of any article or material or part thereof legally incurred in respect thereof and included in the Contract.

7.3 The Contractor shall indemnify the Owner against all claims, which may be made upon the Owner whether under the Workmen’s Compensation Act, or under Common Law in respect of any employee of the Contractor.

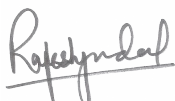
7.4 The Contractor shall also be responsible for all injury to persons, animals or things, which may arise from the operation or neglect of him, or any of his employees. The Contractor shall indemnify the Owner and hold him harmless in respect of all and any expenses arising from any such injury of damage to persons, animals or things as aforesaid and also in respect of any claims made in respect of injury or damage under any Acts of Government or otherwise and also in respect of any Award of compensation damage consequent upon such claim.

7.5 The Owner shall be at liberty and is empowered to deduct the amount of any damage, compensation, costs, charges and expenses arising or occurring from or in respect of any such claim or damage from any sum or sums due or to become due to the Contractor for which the Owner will be the sole deciding authority.

8. DATE OF COMMENCEMENT AND COMPLETION.

8.1 The time allowed for completing the work under this Contract shall be the essence of the Contract and shall be strictly observed by the Contractor. The contract work / Project shall be completed within the specified time duration from the date of handing over the site to the Contractor. The SPS MV would extend all required support and inputs to help the Contractor to meet the project timelines. For delays which are directly attributable to the sole actions and / or scope of work of the Contractor, the Contractor shall be liable to pay penalty and/or liquidated damages as per the provisions of this Contract. The Contractor shall regularly in a time bound manner proceed with and complete the entire work on or before the 'Date of Completion'.

8.2 Work Programme / Schedule.



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The Contractor shall submit to the owner / Engineer-in- Charge complete work program enumerating the stages, as per Payment Yardstick, in the form of bar chart within 30 days from the date of award of the Contract. In case the progress is found slow, the Owner reserves the right to impose suitable liquidated damage. The progress of work shall be reviewed every fortnight and ascertained if the recorded progress is in accordance with the time schedule submitted by the contractor & approved by the Owner.

8.3 Certificate of Completion.

8.31 Immediately after completion of works, the Contractor shall give notice thereof to the Owner.

8.32 The works shall be completed to the entire satisfaction of the Owner / Engineer-in- Charge / Architect.

8.33 The works shall not be considered as completed until the Engineer-in-Charge has certified in writing that the work has been accepted by the Owner. The defects liability period shall commence from the date mentioned as date of completion in this certificate.

8.34 The Owner shall also certify to the Contractor the stage of items or group of items or group of the works remaining defective / incomplete at the end of the Defects Liability Period.

9. LIQUIDATED DAMAGES FOR DELAY IN COMPLETION.

Time shall be the essence of the Contract. In case of delay attributable solely to the Contractor, the Owner shall recover Liquidated Damages at the rate of two percent (2%) of the Contract Value per month of delay, subject to a maximum of ten percent (10%) of the Contract Value.

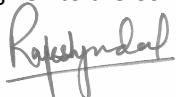
10. INCENTIVE FOR EARLY COMPLETION.

The Owner shall pay incentive to the contractor @ 0.25% of the contract value for every month of early completion subject to maximum of 1 % of the contract value, in case the work is completed in all respect before the stipulated date of completion.

11. CONTRACTOR'S SUPERVISION.

11.1 The Contractor shall provide all necessary personal superintendence during the execution of the works, and as long thereafter as the Owner may consider it necessary until the expiration of the "Defects Liability Period". The Contractor shall post at least one experienced degree/diploma holder engineer, having site experience of 3 (three) years in execution/supervision of similar works, for supervision and submit the copy of degree certificate of the Engineer within one week after the date of signing of agreement. In the event of non-deployment of Diploma Holder Engineer a sum of Rs. 35,000/- per month shall be recovered from RA/Final bill of the Contractor. All works under or in course of execution or executed in pursuance of the contract, shall at all times be open and accessible to the inspection and supervision of the Owner / Architect / Engineer-in-charge, and the contractor shall, either himself be present to receive orders and instructions or have a responsible engineer / supervisor duly accredited in writing, present for that purpose.

11.2 Orders given to Contactor's engineer / supervisor / agent, nominated by the Contractor before or during commencement of work, shall be considered to have the same force as if they had been given to the Contractor himself.



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11.3 The Contractor or his engineer / supervisor shall attend, when required, at the office of the Owner or at the works site to receive instructions from Engineer-in-Charge.

11.4 The Contractor or his accredited Agent shall attend, when required and without making any charge for doing so, either at the office of the Architect & Employer or on the works to receive instructions from Engineer-in-Charge.

11.5 **Site Safety and Security.** The Contractor shall make his own security arrangements to guard the site and his materials at his own expense. The security arrangements shall be adequate to maintain strict control on the movement of material, labour and maintaining good order and discipline.

12. **ENGINEER-IN-CHARGE'S / ARCHITECT'S INSTRUCTIONS.**

12.1 The documents forming part of the Contract shall be taken as mutually explanatory of one another, detailed Drawings being followed in preference to small-scale drawings and figure dimensions in preference to scale drawings.

12.2 In case of discrepancy between schedule, the specification and of the drawings, the following order of precedence shall be observed:-

12.2.1 Schedules and Notes.

12.2.2 Specifications

12.2.3 Drawings

12.2.4 CPWD / BIS specifications

12.2.5 Standard Engineering practice.

12.3 If there are varying or conflicting provisions made in any one document forming part of the Contract, the Owner in consultation with Architect / Structural Designer / Engineer-in- Charge shall be the sole deciding authority with regard to the interpretation of the document and OWNER'S decision in this respect shall be final and binding.

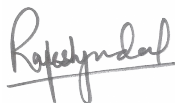
12.4 The Architect / Structural Consultant / Engineer-in-Charge may from time to time issue further drawings / written instructions, details, directions and explanation within the meaning of Contract agreement.

12.5 The drawings may require revisions at times to suit the requirements of the work, due to the availability of local material workmanship, site conditions or any other reason etc. Such changes shall be decided solely by the Owner/Architect/Structural Designer / Engineer-in-Charge and shall not entitle the Contractor to any extra payment, claim or compensation other than executed and measured work, whether during the Contract period or during the extended period of contract.

12.6 The Architect / Structural Consultant / Engineer-in-Charge shall supply dimensions, drawings, levels and other information necessary to enable the Contractor to set out the works and the Contractor shall execute it.

12.7 All the levels for the project have been calculated with reference to 0'- 0" as mentioned in Architectural drawings only. Dimensions & levels in structural details shall not be treated as correct in case of discrepancy.

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13. **PROVISIONING OF MATERIALS, RESOURCES AND ACCEPTANCE.**

13.1 All construction materials, any material required tools, plants, equipment and transport for the successful completion of works shall be provisioned by the Contractor. All charges on account of transport, Octroi, terminal tax or sales tax, GST etc. and other duties on materials obtained for the work from any source shall be borne by the Contractor.

13.2 **Sample of Material.**

The Contractor shall, at his own cost and expense supply to the Owner / Engineer-in- Charge samples of materials proposed to be used in the works for approval before being used. Without the written consent of the Owner or Engineer-in- Charge or their representative, no material is to be used/ incorporated in the work. The samples so approved, shall be retained for reference till completion of work.

13.3 **Testing of Materials.**

The Owner / Engineer-in- Charge shall be entitled to have tests carried out as specified in CPWD specifications; relevant IS code for any materials supplied by the Contractor and the Contractor shall provide at his expense all facilities, which the Owner may require. The cost of materials consumed in tests, cost of testing and transportation of samples to the approved laboratory, cost of testing shall be borne by the Contractor. The test results and lab report shall be submitted.

13.3.1 Testing to be carried out by reputed testing laboratory such as:

13.3.1.1 Sri Ram Institute of Industrial Research, 19, University of Delhi, New Delhi 110 007

13.3.3.2 National Council for Cement and Building materials, Ballabgarh or as directed by Engineer-in- Charge.

13.4 **Rejection of Materials.**

The Owner shall have full power to reject/remove any or all the materials brought to site by the Contractor which are not brand new and are not in accordance with the Contract Specifications or do not conform in character or quality to sample approved by the Owner/ Engineer-in- Charge/ Architect. The Owner or Architect shall have full powers to permit or to approve materials to be substituted for rejected materials. Such defective materials not conforming to the Indian Standards or specifications mentioned in the Contract shall have to be removed by the Contractor from site within 3 days after receiving written notice to do so by Owner / Engineer-in-Charge / Architect.

14. **ORDERS UNDER THE CONTRACT.**

14.1 Owner shall have full powers to direct the Contractor without giving any reason to immediately cease to employ/dismiss / remove in connection with this Contract any agent, servant or employee whose continued employment in his opinion is undesirable.

14.2 If the Contractor after receipt of instructions from the Engineer-in-Charge/Owner requiring compliance, fails to comply within ten days with such further instructions, the Owner may employ and pay any other persons to execute any such works whatsoever that may be necessary to give effect there-to, and all costs incurred in connection therewith, shall be recoverable from the Contractor by the Owner as a debt or may be deducted by the Owner from any amount due or to become due to the Contractor.

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14.3 All directions, notices etc. to be given under the Contract shall be in writing, typescript or printed and if sent by registered post to the last known place of abode or business of the Contractor shall be deemed to have been served on date of letter handed over in post office, when in the ordinary course of post it would have been delivered to him.

14.4 If the Contractor after receipt of written notice from the Architect/Owner/ Engineer-in-Charge requiring, compliance fails to comply within ten days with such further instructions, the Owner may employ and pay other persons to execute any such works whatsoever that may be necessary to give effect thereto, and all costs incurred in connection therewith shall be recoverable from the Contractor by the Owner as a debt or may be deducted by him from any money due or to become due to the Contractor.

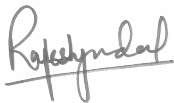
15. **COMPENSATION.**

15.1 If it shall appear to the Owner / Architect / Engineer-in-charge, that any work has been executed with unsound, imperfect, or unskilful workmanship, or with materials or articles provided by him for the execution of the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract, the contractor shall, on instructions from the Engineer-in-Charge specifying the work, materials or articles complained of, notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charge and cost.

In the event of the failing to do so within a period specified by the Engineer-in- Charge in his demand aforesaid, then the Engineer-in-Charge may reject the work outright without any payment and / or get it and other connected and incidental items rectified, or removed and re-executed at the risk and cost of the contractor. Decision of the Engineer-in-Charge shall be final and binding on the contractor.

15.2 The Contractor is responsible and will ensure during the defect liability period that there are no leakage in roofs, ceilings, walls or floors or in the water supply, electrical or sewage system. The Contractor shall re-do the complete stage of work to the satisfaction of Engineer-in-Charge. If these defects are not rectified in time, then the Owner on Engineer-in-Charge's advice shall be at liberty to impose compensation equivalent to twice the cost of redoing the complete stage of work and recovery affected from amount due or that may become due to the Contractor. This clause shall remain applicable to all kind of defects in the works done by the Contractor under this contract.

15.3 The Contractor shall be accountable and responsible to compensate and pay damages to SPS MV for any loss / damage / claim / liability, whatsoever, caused either directly or indirectly by the Contractor, its staff or agents which may arise either out of negligence, fraud, misrepresentation, misconduct or material breach of this contract.



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16. **APPROVAL BY STAGES.**

The work shall be subject to examination and approval at each stage as broadly enumerated in Stages of Work as per (Annexure "D"). The Contractor shall give reasonable notice in writing to the Engineer-in-Charge when each stage is ready. In default of such notice, the Owner shall be entitled to appraise the quality and extents thereof the work executed / being executed by the Contractor. In the event of any dispute, the decision of the Owner thereon, shall be final and binding.

17. **MEASUREMENT OF WORK/SUBMISSION OF BILLS/CERTIFICATE AND PAYMENT**

17.1 The contractor shall be paid by the Owner from time to time, by instalments under interim certificates on Running Account Bills, to be issued by the Architect/ Engineer-in-Charge on account of the work executed as per stages defined in "Stages of Work", when in the opinion of the Engineer-in-Charge the work up to particular Stage has been executed in full, subject to recovery of Statutory deduction and Security Deposit of such value mentioned. The stage of RCC work shall be deemed to be completed, 10 days after the initial casting and / or after curing period, after removal of shuttering and verification by Engineer-in-Charge, whichever is later. In case of any disagreement, the decision of the Owner in consultation with the Engineer-in-Charge & Architect shall be final and binding.

17.2 The intermediate payments under interim certificates to be issued by the Engineer-in-Charge shall be regarded as payments by way of advance against the final payment only.

17.3 No intermediate certificate of the Engineer-in-Charge shall itself be conclusive that any work or materials to which it relates to are in accordance with the terms of the Contract. Any certificate relating to work done measured or materials delivered may be modified or corrected by any subsequent interim or final certificate. The issuing of the certificate does not relieve the Contractor of his liability in respect of any defects.

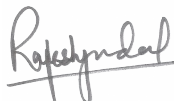
17.4 On demand from Engineer-in-Charge/Owner regarding measurement of work or ascertaining quality of work, the Contractor shall render all assistance. The Contractor shall open up any hidden work or covered up work and make it good afterwards at his own expense when desired by the Engineer-in-Charge either to check/recheck it up for quality or workmanship or for checking the extent of work done.

17.5 All receipts for any payment made on account of this work must be signed by a person holding due power of attorney in this respect on behalf of the concerned party except when the party described is a limited company, in which case, the receipts must be signed in the name of the company by one of its principal officers or by some other person having authority to give effectual receipt for the company.

17.6 All payments due under this Contract shall be made by means of a crossed Cheque/RTGS.

17.7 After the certified completion of the works, the Contractor shall submit to the Owner his "Final Bill" drawn in an approved manner on the basis of the "Measurement Books" certified by the E-in-Charge. The final bill shall include all extra/substituted items of work. The final bill shall be submitted by the Contractor in quadruplicate, within **45 days** of physical completion of the works to the satisfaction of the Owner, for which no charges shall be allowed to the Contractor and the Contractor shall not make any claims after the submission of the final bill. No claim will be entertained after the receipt of the Final Bill. The Contractor shall be entitled to be paid the sum due on completion of work less all amounts as mentioned below:-

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- 17.7.1 All previous running accounts payments.
- 17.7.2 Cost of materials issued to the Contractor, if any.
- 17.7.3 Charges for water and electricity if supplied by the Owner.
- 17.7.4 Security Deposit.
- 17.7.5 Income tax or any other tax as per statutory obligation.
- 17.7.6 Any other deductions deemed necessary by the Owner for defects etc.
- 17.7.7 No charges shall be allowed to the Contractor on account of the preparation of the running bills and final bill.
- 17.7.8 Final Bill shall be paid until the Contractor has cleared the site to the satisfaction of the Engineer-in-charge and submitted clearance certificate from the Engineer-in-charge.
- 17.7.9 Final Bill shall be released only after the Contractor surrenders the electric meter connection(s) taken from BSES / Local electricity distribution authority for construction purposes on each plot, submission of NOC and Zero Bill to the Owner.

18. **SECURITY DEPOSIT.**

18.1 Security deposit for due fulfilment of the Contract amounting to 5% of the gross value of the work done will be deducted from each payment made to the Contractor which shall be retained without interest and released after expiry of the Defects Liability Period of 12 months from the date of issue of completion certificate by the Engineer-in- Charge, subject to satisfactory completion and settlement of all dues. The Earnest Money Deposit (EMD) submitted with the tender shall, upon award of work, form part of the Security Deposit.

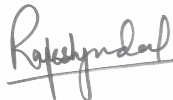
18.2 The Defects Liability Period shall be twelve (12) calendar months from the date of issue of Completion Certificate. During this period, the Contractor shall rectify all defects at his own cost. For waterproofing works, the liability shall extend to ten (10) years, supported by a guarantee bond. Failure to rectify defects shall entitle the Owner to execute repairs at Contractor's risk and cost."

19. **DEFECTIVE WORK & DEFECTS LIABILITY.**

19.1 The Engineer-in-Charge/Architect shall, during the progress of the work, have power to order in writing from time to time the removal from the works within such reasonable time or times as may be specified in the order, of any materials which, in the opinion of the Engineer-in-Charge. are not in accordance with the specifications or the instructions of the Engineer-in-Charge / Architect. The substitution of proper materials, and the removal and proper re-execution of any work executed with materials or workmanship not in accordance with the drawings and the specifications or instructions, the Contractor shall forthwith carry out such order at his own cost. In case of default on the part of the Contractor to carry out such order, the Engineer-in-Charge shall have the power to employ and pay other persons to carry out the same, and all expenses consequent thereon or incidental thereof as certified by the competent authority shall be borne by the Contractor, or may be deducted by the Owner any money due or that may become due to the Contractor on the recommendation of Engineer-in-Charge.

19.2 The Contractor is responsible and will ensure during the defect liability period that there are no leakage in roofs, ceilings, walls or floors or in the water supply, electrical or sewage system.

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Contractor shall redo the complete stage of work to the satisfaction of Engineer-in-Charge. If these defects are not rectified in time, then the Owner on Engineer-in-Charge advice shall be at liberty to impose compensation equivalent to twice the cost of redoing the complete stage of work and recovery affected from any money due or that may become due to the Contractor. This clause is applicable to all kind of defects in the works done by the contractor under this contract agreement.

19.3 Defects Liability Period shall be twelve-calendar months after physical completion of the works as certified under relevant clause, except in case of **following** works:-

19.3.1 Works involving waterproofing in which case the liability of the Contractor shall be for the period of ten years in case of any seepage/leakage and the resultant damage caused by such defects. The Contractor will furnish guarantee bond on a non-judicial Stamp paper of Rs.100/- (Rupees hundred only), on completion of work of this stage.

19.3.2 Works involving Anti Termite treatment. VOID

19.4 Any defects in material or workmanship observed in the entire work within defect liability period shall be notified in writing/email by the Owner/ Engineer-in- Charge to the Contractor and shall be rectified by Contractor at his own cost and risk within time specified by Owner/ Engineer-in-Charge.

19.5 In case of default, the Owner may employ any other person to rectify or make good such defect. All expenses consequent thereon or incidental thereto shall be borne by the Contractor, and shall be recoverable from him by the Owner and shall be deducted from any money due or may become due to the Contractor.

19.6 Should any defective works have been done or material supplied by any sub-Contractor employed or who has been nominated and approved by the Owner, the Contractor shall remain liable under the provisions of the clause notwithstanding the signing by the Owner / Architect/ Engineer-in-Charge of any certificate or passing any account.

20. **CLAIM FOR EXTRA AMOUNT.**

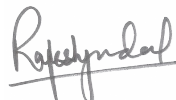
20.1 **Variations.**

No alteration, omission or variation shall vitiate this Contract, but in case the Engineer-in-Charge thinks proper at any time during the progress of the work to make any alterations in or omissions from the works or in the quantum of work or any alteration in the kind or quality of the materials to be used therein and shall with the consent of the Architect instruct Contractor accordingly and the Contractor shall alter, add or omit from item specified. No extra claim is entitled on this account.

20.2 The Contractor without specific written permission from the Owner shall not carry out any extra items/substituted items.

20.3 When any instruction or decision given at site involves an extra work or whereby the Contractor may plan to claim an extra amount, it shall be the responsibility of the Contractor to inform the Owner of the extra amount and get written authorization from the Owner before proceeding with the work involved. Any modification carried out for expediting or simplifying work at the request of the Contractor or his representatives shall not be taken as the basis for claiming an extra amount. If no such information is given by the Contractor in writing to the Owner such modification shall not be accepted as the basis for extra charge.

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21. **DETERMINATION.**

21.1 The Owner may, without prejudice to any other right or remedy which shall have occurred or shall occur thereafter to the Owner, cancel the Contract in any of the following cases: -

If the Contractor:

21.1.1 Being an individual, or a firm, or any partner thereof shall at any time be adjusted involvement or have a receiving order for administration of his estate made against him or shall take any proceeding for liquidation or composition under any Insolvency Act for the time being in force or make any conveyance or assignment of his efforts or compositors or arrangement for the benefits of his creditors or proposes so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be granted by him for and on behalf of his creditors, or

21.1.2 Assigns, transfers or sub-lets any portion of the works without the prior written approval of the Owner, or

21.1.3 Major defaults in commencing the work within a reasonable time from the date of the handing over of the site, and continues in that state after reasonable notice from the Engineer-in-Charge, or

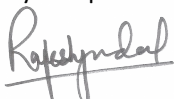
21.1.4 At any time, whether before the completion date or during the extended date for completion makes defaults in proceedings with the works, with the diligence and continues in that state after reasonable notice for the Engineer-in- Charge/Owner, or

21.1.5 Fails to comply with any of the terms and conditions of the Contract, or after reasonable notice in writing, with directions properly issued there under, or if contractor stops the work for 3 weeks continuously, or

21.1.6 Fails to comply the works, work order and items of works, with individual date for completion and clear the site on or before the date of completion. Whenever the Owner exercises his authority to cancel the Contract under this condition, he may complete the works by any means at the Contractor's risk and expense provided always that in the event of completion, the cost of completion or after alternative arrangements have been finalised by the Owner to get the works completed estimated cost of completion (as certified by the Architect) and approved by Owner being less than the Contract cost, the advantage shall accrue to the Owner. If the cost of completion or after alternative arrangement have been finalised by the Owner to get the works completed, estimated cost of completion (as certified by the Architect) and approved by the Owner exceeds the money due to be paid to the Contractor under this Contract the Contractor shall either pay the excess amount assessed by the Architect or the same shall be recoverable from the Contractor by other means.

The Owner shall also be at liberty to hold and retain in their hands materials, tackle, machinery and stores of all kinds on site, as may think proper and may at any time sell any of the said materials, tackle, machinery and stores and apply the proceeds of sale in or towards the satisfaction of any loss which may arise from cancellation of the Contract as aforesaid.

21.2 Whenever the Owner exercises his authority to cancel the Contract under this condition, he may complete the works by any means at the Contractor's risk and expense.



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21.3 The Owner shall be at liberty to hold and retain in their hands materials, tools, plants equipment, machinery and stores of all kinds on site, as may think proper and may at any time sell any of the said materials, tools, plants equipment, machinery and stores and apply the proceeds of sale in or towards the realisation of any loss which may arise from cancellation of the Contract as aforesaid.

21.4 The Owner shall also be at liberty to use the materials, tools, plants equipment, machinery and other stores on site of the Contractor as they think proper in completing the work.

22. **FORECLOSING.**

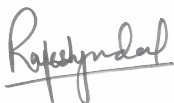
If at any time after the commencement of the work, SPS MV for any reason whatsoever does not require the whole or any part of the work as specified in the tender to be carried out, SPS MV shall have the right to terminate this Agreement in case the Contractor fails to discharge its obligation under this agreement without sufficient grounds or found guilty for breach of condition(s) of the agreement, negligence, carelessness, inefficiency, fraud, mischief and misappropriation or any other type of misconduct by the Contractor or by its staff or agent. SPS MV shall communicate the termination by giving a notice in writing to the Contractor, who shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the work in full but which he did not derive in consequence of the foreclosing of the works.

23. **SETTLEMENT OF DISPUTE.**

In case of any dispute or difference arising during the progress of or construction/execution of the work or after construction in relation to meaning or interpretation of the agreement, the authorised official of the Salwan Public School, Kondli Gharoli Complex, Mayur Vihar Phase III, Delhi 110 096 and the Contractor will address the disputes / differences for mutual resolution and failing which the matter shall be referred to the Sole Arbitrator appointed mutually by both the Parties. The provisions of the Arbitration and Conciliation Act, 1996 will be applicable to the arbitration proceedings. The venue of the arbitration shall be at Delhi/New Delhi. The cost of the Arbitration proceedings shall be shared equally by both the parties. The decision / award of the arbitrator shall be final and binding.

24. **FORCE MAJEURE**

Time shall be the essence of the contract in this regard subject however to 'Force Majeure'. For the purpose of this clause, 'Force Majeure' means an event beyond the control of the contractor and not involving the contractor's fault or negligence and not foreseeable. Such events may include, but are not restricted to major changes in the present Building rules, act of God, earthquakes, tempest and flood, pandemic, epidemic. If a Force Majeure situation arises, the Contractor shall promptly notify the SPS MV in writing of such conditions and the cause thereof. Unless otherwise directed by the SPS MV in writing, the Contractor shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.



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25. **FINANCIAL INSTRUCTIONS**

25.1 The School shall make payment after submitting the tax invoice with GST by the contractor.

25.2 The payment will be made after deduction of statutory taxes and liabilities like TDS, ESIC and Labour cess.

25.3 The charges for water and electricity used by the contractor during the construction will be deducted @0.5% for water and 0.5% for electricity, of the invoice amount.



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6.0 SPECIFICATIONS OF WORK

NAME OF WORK: REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096.

BRIEF SCOPE OF WORK. The scope of work shall be to carry out repairs to RCC structural elements and associated items at terrace and mumty level of school the building of Salwan Public School, Kondli Gharoli Complex, Mayur Vihar Phase III, Delhi – 110 096, as per the Schedules of Work, Conditions of the Contract, Specifications, complete with removal and refixing of water storage, water supply and related electric arrangements, cleaning of site and safe disposal of construction and demolition waste, while adhering to local Municipal Laws/authorities, police authorities, pollution control authorities & direction from Health & Sanitation Departments. The completed work involves ready to use facilities complete in all respects.

6.1.0 DISMANTLING & DEMOLITION

6.1.1 The dismantling/removal of interlocking tiles, MS grill at all levels where ever required.

6.2.0 EARTH WORK. VOID

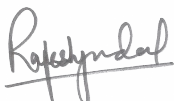
6.5.0 CONCRETE.

6.5.1 PCC 1:4:8. Providing and laying cement concrete 1:5:10 (1 cement: 5 coarse sand: 10 graded stone of 40 mm nominal size) of thickness / depth minimum 100 mm and curing complete including the cost of form work, if any at locations as specified in drawings and subsequent paragraphs.

6.5.1.1 Providing and laying PCC 1:5:10 (1 cement: 5 coarse sand: 10 stone aggregate 40 mm nominal size) under columns footings, wall footings, shear wall footings, brick wall footings, rain water harvesting pit, manholes, below raft slab, below basement stitch slab before laying waterproofing layer, brick work and under flooring at all levels including basement, stilt, upper floors and terrace wherever required, as per thickness specified in drawings or of thickness 100mm, whichever is more.

6.5.1.2 Providing and laying PCC 1:5:10 over filling in all sunk slabs for toilets, terraces, balconies including using broken AAC block in lieu of portion of large aggregate, as filling as appropriate, over water proofing layer, which is specified in subsequent paragraph.

6.5.2 PCC 1:2:4. Providing and laying cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 grade stone 20 mm nominal size) and curing complete including the cost of form work, if any, in areas like cills, copings and/or as specified as per drawings.



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6.5.3 **Reinforced Cement Concrete.**

6.5.3.1 Cement concrete of specified grade as per structural design and technical specifications drawings for RCC work in any part of the structure i.e. in foundations, footing, basement raft / stitch slab, RCC columns, RCC walls, beams, slabs, lintels, floor / roof slabs, balconies, chajjas, staircase including beams & landings etc. complete including formwork, its centering, shuttering and laying of reinforcement, cutting, straightening, bending and binding of TMT bars including provision of chairs, spacers, curing etc. and removal of formwork. Concrete for RCC work and RCC members shall be fit for "Very Severe" exposure conditions, as per IS 456. Concrete for all structural elements of foundation and basement shall be designed as M-30. RCC for all other structural elements shall be designed/provisioned as specified in the structural drawings.

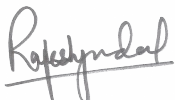
6.5.3.2 Only approved laboratory designed, RMC shall be used for all RCC work in the building. Exception may be made only for casting of columns, where the RMC quantity for the truck is much larger than the quantity to be used in the columns. In such cases, RCC, in columns and places requiring very small quantities, as per approved design to achieve specified grade of concrete, from a certified laboratory, specified in structural drawings mix will be laid as per structural drawing by Weigh Batcher Mixture machine at site or RCC laid in ratio 1:1:2 (1 cement: 1 Crushed stone sand: 2 large aggregates in equal proportion of 10 mm size and 20 mm size with FOSROC Conplast SP430 G8 DIS as per manufacturer's instructions). All RCC work shall be compacted with 40 mm and 20 mm nozzle vibrator, as per sizes of the concrete members.

6.6.0 **SHUTTERING AND FORM WORK.**

6.6.1 Provision of stable, clean, straight, water tight for preventing loss of slurry from concrete, sufficiently rigid during placing and compaction of concrete, steel jack and steel plate form work using adjustable height steel props complete with centering and shuttering (steel) for slabs, columns, cantilevers and plywood shuttering for beams, cantilever slab portions wherever required, break in slabs, break in concrete slabs, bands, lofts, chajjas, lintels, shelf in kitchen or bathrooms etc., including removal of form work at all heights etc. complete. The formwork shall be strong enough to withstand the dead and live loads and forces caused by ramming and vibration of concrete and other incidental loads, imposed upon it during and after casting of concrete. It shall be made sufficient rigid by using adequate number of ties and braces, screw jack or hard board wedges where required shall be provided to make up any settlement in the form work either before or during the placing of concrete. The provision of formwork and stripping time etc. shall be as per clause 5.2. of CPWD Specification Vol-1.

6.6.2 **Material for Form Work.**

6.6.2.1 Steel Form Work. Stable, clean, straight, water tight, steel jack and steel plate form work using adjustable height steel props and steel shuttering using plates for slabs, columns, cantilevers and propping of formwork for beams etc. No wooden (balli) scaffolding (props) shall be used for propping slabs, beams in the building. All propping and centering should be of steel tubes with extension piece or built up sections of rolled steel. The weight of concrete, centering and shuttering of any upper floor being cast shall be suitably supported on one floor below the top most floor already cast.



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6.6.2.2 Plywood shuttering for beams, RCC walls, shear walls, cantilever slab portions wherever required, break in slabs, break in concrete slabs, bands, lofts, chajjas, lintels, shelf in kitchen or bathrooms etc.

6.6.3 Form work and concreting of upper floor shall not be done until concrete of lower floor has set at least for 14 days. Removal of form work (striping time) shall be as per clause 5.2.3.7 of CPWD Specification Part-1.

6.6.4 The rates/amount for formwork/scaffolding for all elements of work in order to achieve completion of work shall be deemed to be included in the rates quoted.

6.7.0 **SCAFFOLDING.**

For all external brick work or tile work double steel scaffolding cup and lock system, independent of the work having two sets of vertical supports shall be provided. The supports shall be sound and strong, tied together with horizontal pieces over which scaffolding planks shall be fixed.

6.8.0 **REINFORCEMENT BARS.**

6.8.1 TMT Reinforcement Bars, ribbed of grade Fe 500 / Fe 500 D / Fe 550 D / Fe 500 SD / Fe 550 SD, cut-bent correctly and accurately to the size and shape as shown in the structural drawings or as directed by Engineer- in-Charge, shall be used. Preferably bars of full length shall be used. The reinforcement bars shall be of high strength deformed TMT bars conforming to IS 1786, sourced from Primary Producers only.

6.8.2 Provision and laying of reinforcement bars include cutting of reinforcement bars, placing in position of reinforcement bars, straightening including steel binding with binding wire, provision of chairs, spacers, jointing, maintaining splice length, anchorage, lap length, development length. Detailing of reinforcement for foundation, R.C.C Wall, columns, beams, slab and / or any structural element shall be as per structural drawings and as per IS code.

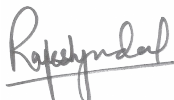
6.8.3 The provision, quality control, acceptance criteria, storage, protection from rust etc. shall be governed as per clause No 5.3 of CPWD Specification Vol-1 and Bureau of Indian Standards.

6.9.0 **CURING OF CONCRETE AND CEMENT WORK.**

6.9.1 Wet curing period of concrete including RCC shall be minimum of 10 days or its equivalent. Exposed surface of concrete shall be kept continuously in a damp or wet condition by ponding or by covering with a layer of sacking, canvas, hessian or similar materials and kept constantly wet from the date of placing concrete for at least 10 days.

6.10. **QUALITY CONTROL & ACCEPTANCE OF CONCRETE.**

Quality control and acceptance criteria of concrete covering aspects of production of concrete, transportation, laying on site, compaction, curing, and removal of formwork and for provision /laying of reinforcements shall be as per CPWD specifications. After removal of formwork, the concrete shall also be inspected by Engineer-in-Charge for its quality and defects in form of bug holes, honey combing, voids etc. Only after approval of the Engineer-in-charge, the further progress shall be undertaken by the contractor.



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6.11. **BRICK WORK AND BLOCK WORK.**

6.11.1 **Brick Work.** Brick work with 1st class Brick shall be carried out in inner lining of the basement, compound wall at stilt floor level, parapet walls, mummy and in locations specified in drawings. Coarse sand refers to crushed stone sand of approved quality.

6.11.1.1 Brick work 1st class Brick in half brick walls shall be laid in stretcher bond. Half brick work shall be reinforced with 2 Nos. M.S. bars of 8 mm dia. bars, embedded in every fourth course. These shall be securely anchored at their ends. The free ends of the reinforcement shall be keyed into the mortar of the main brick work to which the half brick work is joined. The mortar used for reinforced brick work shall be rich dense cement mortar and lime mortar shall not be used. Overlaps in reinforcement, if any, shall not be less than 30 cm. The mortar interposed between the reinforcement bars and the brick shall not be less than 5 mm. The inland steel reinforcement shall be completely embedded in mortar. The mortar covering in the direction of joints shall not be less than 15 mm.

6.11.1.2 In hot and dry weather, the mortar is likely to dry up before it has attained its final set and may crumble. This shall be prevented by keeping the brickwork constantly wet for at least seven days.

6.11.1.3 Unless otherwise specified here-in-after and/or shown on drawings, brick work in various situations shall be built in cement mortar, as under:-

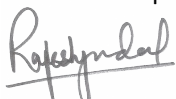
6.11.1.3.1	Brick work with 1st class Brick in half brick thick and under, the independent pillars and reinforced brick work including foundation and brick work in buildings having load bearing structure.	-	Cement Mortar 1:4
6.11.1.3.2	Brick work with 1st class Brick in all other situations	-	Cement Mortar 1:6

6.12. **DPC.**

Plain Cement Concrete 1:2:4 as DPC layer of thickness 50 mm – 75 mm, as per drawing mixed with water proofing compound (liquid type) shall be laid over brick work at plinth level and a layer of Bitumen coating with 85/25 bitumen over the PCC layer. DPC shall consist of cement concrete of specified proportions and thickness. The surface of brick shall be levelled and prepared before laying the cement concrete. Side shuttering shall consist of steel forms and shall be strong and properly fixed so that it does not get disturbed during compaction and the mortar does not leak through. When the sides are removed, the surface should come out smooth without honeycombing. The cost of shuttering etc. for laying the DPC is deemed to be included in the quoted rates.

6.13. **EXTERNAL AND INTERNAL FINISHING.**

The cement plaster shall be 12 mm, 15 mm or 18-20 mm thick or as specified in the drawings. The joints shall be raked out properly. Dust and loose mortar shall be brushed out. Efflorescence if any shall be removed by brushing and scrapping. The surface shall then be thoroughly washed with water, cleaned and kept wet before plastering is commenced. The cement plaster and related items of work like preparation of surface, mixing, curing scaffolding etc. shall be carried out as specified in chapter 13 of CPWD Specification Vol- 2. The material for plaster, proportions and application of mortar for



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plastering shall be as per CPWD specifications, Chapter 3 of Vol 1. **Use of Yamuna Sand is not permitted for any work at any location.**

6.13.1 **Shotcreting /Guniting.** NIL

6.13.2 **Plaster on Internal Walls.**

6.13.2.1 On all internal walls including soffit of ceilings, 15-20 mm thick plaster in cement mortar 1:4 (1 cement: 4 crushed stone sand of Zone III) shall be carried out. 22 SWG chicken wire mesh or fibre mesh of width 100-150 mm fixed with nails on the junctions of RCC and AAC Block / Brick joint before plaster to prevent formation of any crack on dissimilar surfaces shall be fixed.

6.13.2.2 22 SWG chicken wire mesh or fibre mesh of adequate width so as to cover the conduit and pipe line joints before plaster to prevent formation of any crack appearing on plaster /surface shall be fixed.

6.13.2.3 **Plaster on Masonry Work / Plaster on External Walls.**

On all internal brick walls including soffit of ceilings, 12-20 mm thick plaster in cement mortar 1:4 (1 cement: 4 crushed stone sand of Zone III) shall be carried out. 22 SWG chicken wire mesh or fibre mesh of width 100-150 mm fixed with nails on the junctions of RCC and Brick joint before plaster to prevent formation of any crack on dissimilar surfaces shall be fixed. Plaster on soffit of ceilings wherever false ceiling is carried out, shall be as per directions of Engineer-in-Charge.

6.13.3 **Plaster on External Walls.**

6.13.3.1 All external areas, shall be plastered in Cement Mortar including drip course as required and wherever required. All external plaster shall be 15-20 mm thick plaster in 1:4 (1 cement: 4 coarse sand with appropriate waterproofing compound).

6.13.3.2 As specified/shown, the external surface is also to be prepared to receive the wall cladding to be fixed with chemical adhesives.

6.13.3.3 All external walls of basement upto 1 meter above DPC, shall be plastered in Cement Mortar (1:3), thickness 15-20 mm (1 cement : 3 coarse sand with appropriate waterproofing compound). On to the external plaster of basement, one coat of tapecrete as water proofing compound shall be applied.

6.13.3.4 Crushed stone sand of Zone III shall be used to carry out external plaster. No Yamuna sand to be used. 22 SWG chicken wire or fibre mesh (100-150mm wide) shall be fixed on RCC and brick joint on external surface.

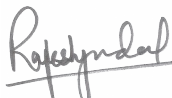
6.13.4 **Cladding.**

On external surfaces, cladding as per the sizes and places specified in specifications / drawing, will be laid. The cladding will be fixed using chemicals / adhesives as specified in IS: 15477.

6.13.5 **Cladding in Granite Stone.**

6.13.5.1 Cladding of Granite stone of approved shade / texture / colour / hue as specified in Architectural drawings shall be fixed / provided / laid using adhesives for granite stone as specified in IS 15477 for porosity less than 3%. Granite stone cladding shall be provided in areas like jambs, lintels, sills and soffit of windows and in areas as specified in drawings.

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6.14. **FLOORS, FLOOR FINISHES, SKIRTING, DADO, WINDOW SILLS, PCC CILLS.**

Flooring as specified in schedule in subsequent paragraph shall be provided. The tiles shall be fixed with chemical adhesives. These tiles will be fixed using chemicals / adhesives as specified in IS: 15477, for vertical surfaces and for horizontal surfaces depending on the type of tile to be fixed and the substrate on which it is being fixed.

6.14.1 **Floor.**

Base surface of concrete on which the tiles are to be laid shall be cleaned, wetted and mopped. The bedding for the tile shall be with cement mortar 1:4 (1 cement: 4 coarse sand) or as specified. The average thickness of the bedding shall be 20 mm or as specified while the thickness under any portion of the tiles shall not be less than 10mm. Mortar shall be spread, tamped and corrected to proper levels and allowed to harden sufficiently to offer a fairly rigid cushion for the tiles to be set and to enable the mason to place wooden plank across and squat on it. Over this chemical adhesive bedding slurry of honey like consistency shall be spread with grooved trowel.

6.14.2 **Flooring Types and Patterns.** VOID

6.14.3 **Granite Stone.** VOID

6.14.4 **Cills.**

Stone Cills shall be provided for all windows/vents. Cills shall be of granite stone laid and fixed over PCC (1:2:4), in pattern, as per drawings. Cill of windows shall extend 50mm on either side of opening to the full bearing of wall and thickness shall be 18mm and shall be projected 40-50mm beyond the external face of the wall.

6.15. **WATER PROOFING TREATMENT.**

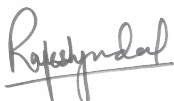
6.15.1 Water proofing treatment shall be of three layers of Tape Crete with fibre mesh, extending upto 300 mm above slab level on walls so as to make joint less covering. The water proofing shall be carried as per clause 22.5.1 to 22.5.6 & 22.6.1 to 22.7.10 of CPWD Specification Vol-2.

6.15.2 **Terrace Water Proofing, Brick Koba and Terrace Insulation Including Terrace of Mumty.**

The water proofing treatment on roof / terrace including terrace shall be based on Integral Cement Based Water Proofing Treatment with Brick Bat Coba over three layers of Tape crete waterproofing laid as per manufacturer's instructions. On to the final layer of the tape crete, while the layer is still tacy, coarse sand shall be sprinkled for providing adequate friction / bonding of the next layer. For Brick Coba, the preliminaries for preparing the surface, providing and laying of slurry under base coat, water proofing treatment, laying base coat 20 mm thick, laying brick bat coba, application of slurry over brick bat coba, laying finishing layer (protective coat), curing and testing the treatment shall be as per clause 22.7 of CPWD specifications. Over the Brick Koba, for insulation and further water proofing, vitrified tiles of approved size, pattern shall be laid in slope.

6.15.2.1 **Floor Surface of Terrace after Brick Koba.**

Tiles shall be laid in pattern and design as approved by the Architect.



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6.16. **CEMENT, MORTAR, WATER AND MATERIALS.**

6.16.1 **Cement.** The cement used shall be any of the following grade:-

6.16.1.1 Ordinary Portland Cement 43 Grade or higher conforming to IS 269: 2015. OPC grade 43 cement shall be used for all structural element purposes.

6.16.1.2 OPC as specified above or PPC conforming to IS 1489 Part-1 shall be used for plastering as well as masonry work.

6.16.1.3 Different type of cements shall not be mixed.

6.16.1.4 Acceptance criteria, storage and handling of cement shall be as per CPWD guidelines.

6.16.2 **Fine Aggregates (Sand).** Fine aggregate shall be manufactured from crushed stone and shall consist of crushed stone sand, crushed gravel sand. It shall be hard, durable, chemically inert, clean and free from adherent coatings, organic matter etc. and shall not contain any appreciable amount of clay balls or pellets and harmful impurities e.g. iron pyrites, alkalis, salts, coal, mica, shale or similar laminated materials in such form or in such quantities as to cause corrosion of metal or affect adversely the hardening, the strength, the durability or the appearance of mortar, plaster or concrete. The sum of the percentages of all deleterious material shall not exceed 5%. The acceptance criteria for fine aggregates will be as per CPWD specifications. Jamuna / Yamuna sand shall not be used.

6.16.2.1 **Fine Aggregates for use in RCC/Cement Concrete.** The fine aggregates for PCC / RCC shall be crushed stone sand of grading of Zone II /III, as per Table 3.1 of CPWD Specifications Part-1.

6.16.2.2 **Grading of Sand for use in Masonry Mortar and Plaster.** The fine aggregates for masonry mortar and plaster shall be crushed stone sand of grading of Zone III, as per Table 3.1 of CPWD Specifications Part-1.

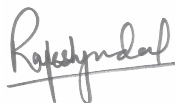
6.16.3 **Water.**

Water used for mixing and curing shall be clean and free from injurious quantities of alkalis, acids, oils, salts, sugar, organic materials, vegetable growth or other substance that may be deleterious to bricks, stone, concrete or steel. Potable water is generally considered satisfactory for mixing. The Ph value of water shall be not less than 6. Water from each source shall be tested before the commencement of the work and thereafter once in every six months or with every change in source, till the completion of the work. Specifications and acceptability criteria for water must satisfy the qualitative requirements as per CPWD latest specifications. Bore well water shall not be used for concreting.

6.16.4 **Coarse Aggregates.**

Coarse aggregate shall be manufactured from stone and shall conform to IS 383. It shall consist of naturally occurring (uncrushed, crushed or broken) stones. It shall be hard, strong, dense, durable and clean. It shall be free from veins, adherent coating, and deleterious amounts of disintegrated pieces, alkali, vegetable matter and other deleterious substances. It shall be roughly cubical in shape. Flaky and elongated pieces shall be avoided. Coarse aggregate shall not contain any deleterious material, such as pyrites, coal, lignite, mica, shale or similar laminated material, clay, alkali, soft fragments, sea shells and organic impurities in such quantity as to affect the strength or durability of the concrete. Coarse aggregate shall not contain any material liable to attack the steel reinforcement. Aggregates

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which are chemically reactive with alkalis of cement shall not be used. The maximum quantity of deleterious material shall not be more than five percent of the weight of coarse aggregate when determined in accordance with IS 2386.

6.16.4.1 Aggregate 20mm, 12.5 - 10 mm. The aggregated shall be uniformly graded for sizes 20 mm and 10-12.5 mm enabling preparation of concrete as per weights specified.

6.16.5 Integral Water Proofing Compound.

Liquid integral water proofing compound, free from any chlorides, shall only be used for cement mortar for plastering, concrete work and water proofing. Integral water proofing compound shall conform to IS 2645 and shall be of approved brand and manufacture, enlisted by the Engineer-in-Charge. The contractor shall bring the material to the site in its original packing. The containers will be opened and the material mixed with cement in the proportion as per manufacturer's instructions and description of the item present when tested according to IS 1708.

RAIN WATER PIPES AND DISPOSAL.

6.20.4 Rain Water Pipes and Disposal of Rain Water.

6.20.4.1 Rain Water pipes and Vent Pipes – Size 4 inch (110 mm), uPVC, conforming to IS 13592 Type "A" with shoe socket and splash stone shall be provided.

6.21.2 The type, pattern of the items mentioned below shall be approved by Architect / SPS MV authorities.

6.22.2 ELECTRIC WORK.

6.22.3 The work will be carried out in 25 mm dia PVC conduit wiring system in accordance of CPWD General Specification for electric work (Internal) including amendments. BIS approved PVC conduit of heavy grade shall be laid in slabs and of medium grade in walls. All surface, Tee, D B, Junctions boxes, bends, fan boxes etc. shall be provided in best quality, rust resistant.

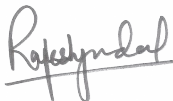
6.22.4 FRLS PVC insulated copper conductor wires shall be used for point, Circuit & sub-main wiring. All wiring shall be done with Make: Polycab/Finolex/KEI/Havells. The wire shall be of 2.5 sq.mm (for 6/16Amp power plugs. Separate armoured cable 16 sq mm, 3 phase, from panel box to meter shall be laid on surface with looping on both ends shall be provided, as per electrical norms.

6.22.5 Modular type switches, sockets and stepped type fan regulator, bell push along with matching mounting boxes of same make shall be used.

6.22.6 15 Amp power socket & switch with industrial socket & switch of approved quality & make shall be provided.

6.22.7 LED Lamp of 10-12 watt per fitting complete with all accessories including connection etc. as per direction of Engineer-in-Charge. Provision of lamps / lights must ensure sufficient lumens.

6.22.8 Suitable Light operated from two way switch will be provided wherever required.



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6.23.1 Earthings.

VOID

6.24.1 Civil Work.

VOID

6.25. FINISHES.

6.25.2 **Pointing of External Wall :** The external walls shall be pointed to match the other adjacent building

6.25.2 **Painting on External Wall.**

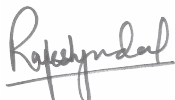
Painting on exposed to weather (external) walls shall be carried out as under:-

Area / Location	Weather Proof Paint in three coats over a coat of Primer over two coats of white cement based putty
External Walls	√

25.3 Painting on Iron / Steel Surfaces.

Painting work to be carried out as per clause 13.23.1 to 13.23.6.4 of CPWD Specification Vol-2.

- 25.3.1 Painting on Gates, Grills Railings, : Synthetic Enamel paint in three coats over well prepared metallic base with iron putty and primer.
- Iron / Steel Doors & Frames



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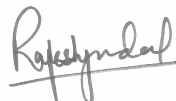
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LIST OF MAKES/ BRANDS OF MATERIAL

NAME OF WORK: REPAIRS TO RCC STRUCTURAL ELEMENTS AT TERRACE AND MUMTY LEVEL OF SCHOOL BUILDING OF SALWAN PUBLIC SCHOOL, KONDLI GHAROLI COMPLEX, MAYUR VIHAR PHASE III, DELHI – 110 096.

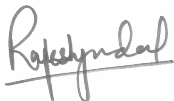
Ser. No.	Item	Recommended Makes / Brands	Remarks
1.	CEMENT for structural elements	OOPC / PPC : Ultra Tech OPC 43 Grade, OPC 43 grade make BIRLA OPC 43 grade, Ambuja OPC 43 grade, ACC OPC 43GRADE, , JK Super Plus OPC 43 Grade	
2.	Cement for plaster, waterproofing, masonry work	PPC 43 grade make BIRLA, Ambuja, ACC, Ultra Tech, Wonder Cement	
3.	Structural Steel Reinforcements	TMT Reinforcement bars make TATA TISCON, JINDAL JSW Neo Steel (TMT), JINDAL PANTHER (TMT), SAIL / RNIL TMT BARS	
4.	Binding Wire	TATA TISCON	
5.	RMC	ACC / UlltraTech / Lafarge	
6.	Integral Liquid Water Proofing Compound	Saint Gobain Weber, FOSROC, SIKA, Dr FIXIT	
7.	Bricks	First Class Superior	
8.	RAIN WATER & Vent PIPE	SUPREME uPVC conforming to IS 13592:2013 Type A	
9.	ATT CHEMICAL	Imdacloprid 30.5 EC, Bifenthrin, make Bayer	
10.	Pipe for electrical conduiting and accessories	AKG (ISI) Marked – Heavy for slabs AKG (ISI) Marked – Medium for Walls	
11.	Electrical Boxes for switches etc	G.I. Boxes or Powder Coated 16 Gauge MS boxws with protection of screws / nuts, Make Havells, Indo Asian or equivalent	
12.	Wall Primer	Asian, Nerolac, Berger	

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13.	Cement Base Paint	ASIAN, BERGER, DURACEM, NEROLAC	
14.	Oil Bound Distemper	ASIAN PAINTS, NEROLAC PAINTS, BERGER PAINTS.	
15.	Plastic Emulsion Paint	ASIAN (ROYAL, APCOLITE ADVANCE) NEROLAC (Impression Ecoclean, Impression 24 carat), BERGER (Silk, Rangoli easy clean)	
16.	Synthetic Enamel Paint	ASIAN, BERGER, ICI DULUX, NEROLAC	
17.	Copper Wire /Multistrand wire	Havells, Polycab, KEI,Finolex	
18.	Modular Switches, Sockets, Ceiling Rose, Fan Regulators, Push bell	Legrand (Lyncus)/Havells/Anchor	
19.	LED Lights	Wipro, Havells, Crompton, Bajaj, Syska	
20.	Ceiling Fan / Exhaust Fan	HAVELLS, CROMPTON, BAJAJ.	
21.	Pump 1 HP	CROMPTON & GREAVES	
22.	PVC Water Tanks (white)	SINTEX, GANGA, Supreme (5 LAYERS)	
23.	Brick Tiles (Façade)	Pioneer Tiles	
24.	POP	Sakarni, Saint Gobain	
25.	Adhesives, Grouts, Epoxy Grouts,	Laticrete, Weber (Saint Gobain)	
26.	Exterior Weather Proof Paint	ASIAN PAINTS, NEROLAC PAINTS, BERGER PAINTS.	
27.	Wall Putty	JK Laxmi, Berger Paints, Nippon Paint	

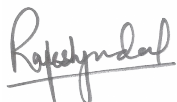


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SCHEDULE OF FISCAL ASPECTS

1.	Earnest Money Deposit	:	Rs. 16,000/- (Rupees sixteen thousand Only)
2.	Security Deposit	:	The Earnest Money Deposit (EMD) submitted with the tender shall, upon award of work, form part of the Security Deposit. The total Security Deposit shall be five percent (5%) of the gross value of work done, to be recovered by adjustment of EMD and balance deductions from Running Account Bills. The Security Deposit shall be retained without interest and released after expiry of the Defects Liability Period, subject to satisfactory completion and settlement of all dues.
3.	Date of Commencement	:	10 th day from the date of letter of award of Contract.
4.	Period for completion of work	:	02 months from the date of commencement.
5.	Minimum value of work / frequency for raising running bill	:	Minimum 5 lakhs / after 30 days of work.
6.	Period for honouring interim bills	:	2 weeks.
7.	Period for honouring final bill	:	60 days
8.	Defect liability period	:	12 months after completion
9.	Water and Electricity Charges	:	To be regulated as per paragraph No 3.5 of Conditions of the Contract.
10.	T.D.S./Works contract	:	Statutory deductions towards T.D.S. / Any other tax / Cess as applicable shall be made from each and every payment as per the prevailing rules of the Govt. or local authorities.
11.	Secured Advance	:	NIL

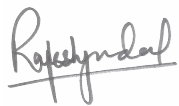


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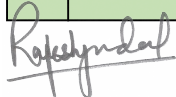
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SCHEDULE AND ITEMS OF WORK							
NAME OF WORK : REPAIRS TO STRUCTURAL ELEMENTS, RCC CHAJAS, MUMTY AND OTHER ELEMENTS OF SCHOOL BUILDINGS UNDER PHASE-III							
SALWAN PUBLIC SCHOOL, MAYUR VIHAR-III, DELHI-96							
Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
		Dismantling and Demolition					
1	Assessed	Dismantling of existing Water tanks (05 Nos), of any capacity and size, as kept on top slab of Mumty or on platform on Mumty, including disconnecting water connections, electric motors, pumps & Fire hydrants etc including the electricity connections, lowering it to terrace slab and fixing again with water connections and making these ready and operational again with the disamantled plumbing, electricity connections and materials ensuring complete functionality, to the satisfaction of Engineer-in-Charge. Note : Extra plumbing and electrical items required to make the water supply and these pumps functional shall be provided by School.	Job	1			
2	15.2.1 (Modified)	Demolishing cement concrete of any grade and mix, at any other place at all levels, manually or Mechanical means, including disposal of demolished material within 50 metres lead as per direction of Engineer - in - Charge.	Cum	12			
3	15.3 (Modified)	Demolishing R.C.C. work of any grade, at any place at all levels, manually / by mechanical means, including separating and stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge. Note : (a) Retrieved reinforcing steel bars shall be the property of school. (b) Dismantling / demolition of plaster / mortar / Cement Concrete over RCC shall not be counted towards payment.	Cum	24			
4	15.5	Extra for cutting reinforcement bars, at any place and all levels, manually / by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer in-charge. Note : Retrieved reinforcing steel bars shall be the property of the school.	Sqm	60			

Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
5	26.28 (Modified)	Chipping, Chieselling / dismantling of unsound / weak concrete material from rust affected spalled RCC of slabs, beams, columns and chajja etc of thickness, as specified as on site, with manual chiesel including tapering of all edges, making square shoulders of cavities wherever required, including cleaning the exposed concrete surface with wire brushes etc. while protecting existing reinforcement bars, at all levels, and including disposal of debris within 50 meter lead for all lifts all complete as per direction of Engineer-in-Charge. Note : Dismantling / demolition of plaster / mortar / Cement Concrete over RCC shall not be counted towards payment.					
	26.28.1	(a) 75 mm average thickness	Sqm	20			
	26.28.2	(b) 50 mm average thickness	Sqm	60			
	26.28.3	(c) 25 mm average thickness	Sqm	40			
6	15.7.4 (Modified)	Demolishing of brick work built in cement mortar, any mix, in chajjas or at any other place at all levels including dismantling of plaster, left over plaster incuding removal of rubble/rubbish manually or by mechanical means, stacking of serviceable material and disposal of unserviceable material / construction waste within 50 metres lead as per direction of Engineer-in-charge. Note : Dismantling / demolition of plaster / mortar / Cement Concrete over RCC shall not be counted towards payment.	Cum	10			



Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
7	DSR 15.26 15.27 (Modified)	Demolition / dismantling / removal of complete mud phuska roof treatment (average thickness 9 inches <u>to</u> include brick tiles / standard brick covering covering laid over mud phuska) to include brick work or brick tiling, soil, mud phuska laid over mumty slab and other places at mumty slab level, including removal /disposal of complete demolished waste materials mud / soil and cleaning of the RCC slab surface to the entire satisfaction of Engineer - in Charge. Note : The quoted rates shall include dismantling and removal of brick tiles / normal bricks laid as roof finish, mud - phuska - soil and clearing / cleaning of any trace of bitumin from the RCC slab surface.	Sqm	95			
8	15.27 (modified)	Demolition and removal of extra filled earth / mud phuska / material / construction waste as under mud phuska layer, laid over RCC slab under Mud Phuska at Mumty level, and disposal within 50 meter lead, as per direction of Engineer - in - charge complete as specified and directed.	Cum	16			
9	15.17 (Modified)	Dismantling steel work in single sections in mild Steel "I" section (girders), angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead and placing again to the position after carry out the repair work of roof complete, including removal and replacement of nut-bolts / welding, to make the facility workable and operation, all as specified and directed.	Kgs	200			
10	15.12 (Modified)	Taking out carefully and dismantling ventilators, doors, windows clerestory windows (steel or wood or aluminium with glass), shutter (glass or ACP) including frames / chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead, complete all as specified and directed by Engr-In- charge.					
		(a) Of area 3 sq. metres and below	Each	6			
		(b) Of area beyond 3 sq. metres	Each	6			
		Scaffolding, Formwork and Safety					

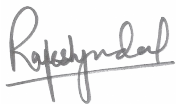


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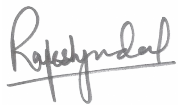
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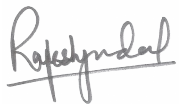
Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
11	DSR 24.2 Modified	<p>Providing and fixing double scaffolding system (cup lock type) on the exterior / interior side, for levels upto Mumty storey height, made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube challies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in-Charge.</p> <p>Note :-</p> <p>1. The elevational area of the scaffolding, up to the height of respective slab, shall be measured for payment purpose. Necessary deduction shall be made in respect of the payment for scaffolding already made in the lower floors. For example, for the purpose of payments for work upto Ground Floor roof slab, elevation of area of scaffolding upto GF roof slab be measured. For work upto First Floor roof slab i.e. above ground floor roof slab, necessary deduction, of the elevation of area of scaffolding where payment has been made, shall be made. Same procedure will be adopted for all floors / heights.</p> <p>2. The payment will be made once irrespective of duration of scaffolding.</p>	Sqm	350			
12	Modified 26.81	<p>Providing and fixing scaffolding net of required width made of high density Polyethylene UV stabilized knitted on warp knitting machines having density 100 grams/sqm and shading coefficient minimum 75% around the construction site/ for vertical extension as per requirement including fastening/tying with building/scaffolding pipes or with any other fixtures etc. complete as per direction of Engineer-in-Charge. (One time payment shall be made for providing Scaffolding net from start of work till completion of work including shifting if any. The Scaffolding net shall be the property of the contractor on completion of the work.</p>	Sqm	350			



Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
13	16.81	<p>Providing and erecting upto 2.20 metre high temporary barricading using CGI / Metro Sheets at site in verandah / or places directed by Engineer-in-Charge for safety of children from any falling debris and dust; Barricading to be well painted befitting school environment. Suitable arrangement shall be made to fix the barricading to avoid from overturning / falling of barricading. The panels shall be made so that gap of upto 150 cm above the ground is available thus making overall height as 2.4m to cover. The barricading provided shall be retained in position at site continuously including shifting of barricading from one location / floor to another location / floor as many times as required during the execution of the entire work till its completion. The barricading shall not be removed without prior approval of School Authorities. The work shall be executed to the entire satisfaction of Engineer –in-Charge.</p> <p>Note :- One time payment shall be made for providing barricading from start of work till completion of work i/c shifting. The barricading provided shall remain to be the property of the contractor after completion of the work). Rate includes its maintenance, painting, shifting, all incidentals, labour materials, equipment and works required to execute the job.</p>	LS	1			



Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
		Repairs and Rehabilitation					
14	DSR 26.29 (Modified)	<p>Labour Only for cleaning of rusted reinforcement bars of all dia with wire brush and applying one or two coats of rust remover make FOSROC Rebarklens RR / SIKA RustRoff 100 (SIKA) to give it a total rust free steel surface. Removing loose particles after 24 hours of Rust remover's application with wire brush and thoroughly washing with water, allowing it to dry and applying a coat of FOSROC Nitoprime Zinc Rich Primer / SIKA Friazinc "R" Zinc Rich Primer / Dr Fixit Repair Pro Zinc Rich Primer before concreting and applying a coat of FOSROC Nito Bond EP to old concrete to ensure bond between old and new concrete surfaces, all complete as per direction of Engineer-in-Charge.</p> <p>Note :-</p> <ol style="list-style-type: none"> 1. All chemicals shall be used in accordance with the manufacturer's instructions. 2. Construction chemicals shall be supplied by school authorities, free of cost. 3. Note for Item Serial Number 14 & 15:- Most economical / beneficial item for school, shall be adopted for measurement. 	RM	200			



Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
15	DSR 26.29	<p>Labour Only for cleaning of rusted reinforcement bars of all dia with wire brush and applying one or two coats of rust remover make FOSROC Rebarklens RR / SIKA RustRoff 100 (SIKA) to give it obtained a total rust free steel surface. Removing loose particles after 24 hours of Rust remover's application with wire brush and thoroughly washing with water, allowing it to dry and applying a coat of FOSROC Nitoprime Zinc Rich Primer / SIKA Friazinc "R" Zinc Rich Primer / Dr Fixit Repair Pro Zinc Rich Primer before concreting and applying a coat of FOSROC Nito Bond EP to old concrete to ensure bond between old and new concrete surfaces, all complete as per direction of Engineer-in-Charge.</p> <p>Note :-</p> <ol style="list-style-type: none"> 1. All chemicals shall be used in accordance with the manufacturer's instructions. 2. Cleaning chemicals shall be supplied by school authorities, free of cost. 3. Surface area aof concrete shall be measured (once) for payment. 4. Note for item Number 14 & 15:- Most economical / beneficial item for school, shall be adopted for measurement. 	Sqm	100			
16	DSR 24.64 (modified)	<p>Material and labour for shuttering - centering made of 12 mm thick new ply wood including provision of cross battens at required spacing, strutting propping, form work at all levels, for beams including sides, columns, slabs, suspended floors, roofs, landings, balconies and access platform, in cantilever, chajjas, bands at all levels and height of any width and depth, including its front band etc in proper slope and strength, water tight ready to receive corrective concrete and subsequent removal of shuttering complete as per directions and approval of engineer in charge. Plywood will be supported on lock bars.</p> <p>Note:- Edges of slab, breaks in floors, slabs, edges of walls, bands, cantilevers, chajjas etc and any / all types of form work shall be measured in unit of sqm.</p>	Sqm	220			

Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
17	Assessed	Providing and fixing Jacks / support / propping / shuttering including strutting, propping, centering with MS Jacks or other steel structure etc. at a distance 900 mm x 90 mm centre to centre, and its removal for making safe and transferring load of beams, slabs for undertaking repairs of slabs, beams, suspended floors, roofs, landings, balconies, access platform, Shelves, lintels, beams, girders and cantilever etc. Note: The area of soffit of element supported shall be measured for payment.	Sqm	120			
18	5.22A.6 (modified)	Material and labour for steel reinforcement Thermo-Mechanically Treated bars of sizes 8mm to 25mm dia of grade Fe-500D or above of make TATA TISCON / SAIL / JINDAL NEO / Jindal Panther / RINL, for R.C.C. work in affected beams, columns, slabs, chajjas and in any structural element including straightening, cutting, bending, placing in position and binding with MS wire, complete for all levels upto and including Mumty, as per directions of Engineer-in-Charge.	Kg	1250			
		Material and Labour for drilling hole in RCC for anchoring / fixing new additional reinforcement (re-barring) as per bar diameter specified below, in place of rusted reinforcement bars to supplement, strengthening the rusted reinforced bars of same or higher diameter, in RCC beams, cantilevers, lintels, columns and slabs by introducing new steel bars for column or beams or slab or Sunshades / balconies or in cantilever, drilling depth minimum 100mm or 12 times diameter of bars whichever is more, cleaning hole using pressured air (with blower) water jet, vacuum including fixing steel bars in position, anchoring reinforcement bar using epoxy resin or epoxy resin mortar anchor grout by filling 60 to 70% of the hole using injection gun in the drilled clean hole using chemical injection mortar of make HILTI RE 500, straightening, maintaining minimum lap length as 50 D, cutting, bending, placing in position and binding all complete, but excluding the cost of Reinforcement, as per directions of Engineer-in-Charge for the following sizes:-					
		(a) For 10 mm dia bars hole dia 14 mm, depth of hole 12 times diameter of bar	Each	100			

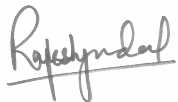


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Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
19	26.3 (Modified)	(b) For 12 mm dia bars hole dia 16 mm, depth of hole 12 times diameter of bar	Each	80			
		(c) For 16 mm dia bars hole dia 20 mm, depth of hole 12 times diameter of bar	Each	75			
		(d) For 20 mm dia bars hole dia 24 mm, depth of hole 12 times diameter of bar	Each	20			
		(e) For 25 mm dia bars hole dia 29 mm, depth of hole 12 times diameter of bar	Each	8			
		Note :- 1. This item is as on required basis to be assessed by Engineer in Charge and is for drilling hole, cleaning hole, anchoring the additional / new reinforcement bar using epoxy grout / chemical injection mortar upto required anchoring depth. 2. Reinforcement shall be measured and paid separately. 3. Tools, equipment and machines etc including chemical Injection grout and injection gun shall be provided by the firm / vendor.					
	5.42 (modified)	Material and Labour for continuous lap welding of reinforcement bars to ensure that the weld length shall not be less than 40 times the diameter in tension and 25 times the diameter in compression, in minimum two laps / directions for one weld. Note : For payment and measurement, complete welding of one bar welded on minimum two laps / sides shall be measured as one quantity.					



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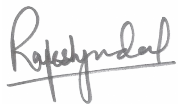
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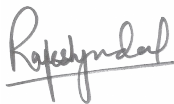
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						(Rs)	
20		(a) For 10 mm dia bars	Each	40			
		(b) For 12 mm dia bars	Each	30			
		(c) For 16 mm dia bars	Each	20			
		(d) For 20 mm dia bars	Each	10			
		(e) For 25 mm dia bars	Each	10			




Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
21	5.3 Modified	<p>Material and Labour for Reinforced Cement Concrete work in columns, beams, balconies, shelves, cantilevers, chajjas, lintels, bands, roof or floor slabs, plain window sills, up to floor five level or Mumty roof slab level, (excluding the cost of centring, shuttering, excluding slope correction over chajjas, and reinforcement) with 1:1:2 (1 cement : 1.0 coarse sand (zone-III) derived from natural sources : 2 graded stone aggregate 12.5 mm nominal size derived from natural sources), including mixing of concrete with Saint Gobain Weber Crete as per manufacturer's instructions as per direction of Engineer-in-charge.</p> <p>Note :</p> <ol style="list-style-type: none"> 1. Before laying of new concrete, the old surface of concrete shall be applied with bonding material between Old and New Concrete Bonding material of Make FOSROC Nito Bond EP, as per manufacturer's instructions. 2. Construction Chemicals shall be supplied by the School authorities, free of cost. 3. Approved Crushed Stone Sand shall only be used for RCC work. 	Cum	24			
22	13.5.1	<p>Material and labour for 15 mm thick plaster in CM (1:4), in coarse sand, on fair faces of brick work or concrete wall surface etc, complete using integral water proofing compound, Saint Gobain Weber MixiL / FOSROC CONPLAST WL Plus, as per manufacturer's instructions, over well cleaned with wire brushed surface, all as specified and as directed.</p> <p>Note:-</p> <ol style="list-style-type: none"> 1. Construction Chemicals shall be supplied by the School authorities free of cost. 2. Approved Crushed Stone Sand duly sieved shall only be used for plaster work. 	Sqm	200			



Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks	
						(Rs)		
23		<p>Providing and laying on site cement concrete (1:1:2) of thickness 50-75mm modified with polymeric construction chemical, as per specifications, for any structural corrections over slab / beams or any structural element, all as per directions of Engineer-In-Charge. Maximum size of aggregates 10mm. Aggregates to be well graded.</p> <p><u>Note:-</u> 1. Measurement and payment : The pre-measurement of thickness shall be done just after the surface preparation is completed and payment under this item shall be made only after proper wet curing has been carried out and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument. 2. Before laying of new concrete layer of PMC, the old surface of concrete shall be applied with bonding material between old and new concrete Bonding material of Make : FOSROC, Nito Bond EP, as per manufacturer's instructions. 3. Construction chemicals shall be supplied by the school authorities, free of cost.</p>	Sqm	120				
24	6.13.2	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of First class in superstructure above plinth level up to floor V level in Cement mortar 1:4 (1 cement: 4 coarse sand)	Sqm	20				
25	Modified 6.4.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class -I (First Class) in superstructure above plinth level including Mumty in all shapes and sizes in Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	10				
26	Modified 14.1.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of any size, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge with cement mortar 1:4 (1 cement : 4 coarse sand)	Sqm	40				
27	Modified 14.17	Raking out joints in lime or cement mortar and preparing the surface for pointing or plastering, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.	Sqm	60				



Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
28	Modified 5.30	Drip Course : Material and Labour for plaster drip course / groove in plastered surface or moulding to R.C.C. projections, matching with the existing pattern in the school buildings.	Running Meter	30			
29	13.50.3 (modified)	Material and labour for priming surfaces of any description any size in width or girth on new reinforcing steel surfaces with zinc chrome primer including preparation etc all as specified and directed by Engr-In-Charge. Note : Item shall be considered in Sq mtr considering spacing of 175 mm both ways centre to centre.	Sqm	80			
30	13.7.2 (modified)	Material and labour for 12 mm thick plaster in CM (1:3) on concrete surfaces of ceiling etc, complete using integral water proofing compound, Saint Gobain Weber MixiL / FOSROC CONPLAST WL Plus, as per manufacturer's instructions, over well cleaned with wire brushed surface, all as specified and as directed. Note:- 1. Construction Chemicals shall be supplied by the School authorities, free of cost. 2. Crushed Stone Sand duly sieved shall only be used for plaster work.	Sqm	90			
31	13.31 Modified	Pointing on brick work with cement mortar 1:3 (1 cement : 3 fine sand), Flush / Ruled/ Keyed/ V-grooved pointing to match existing pattern and design complete all as specified and directed by Engr-In-Charge.	Sqm	60			
32	10.15 (modified)	Supply and fixing ventilator with frames and top hung shutter as per existing design and pattern, frames to be single rebated, 100 mm x 50 mm, of make APL Apollo Section of thickness 2.0 mm or more, in existing opening including embedding chowkhats /frame in floor or walls cutting masonry for holdfast embedding hold fasts in cement concrete block of size 15 x 10 x 10 cm with cement concrete 1:2:4 (1: cement: 2 coarse sand : 4 stone aggregate 10-12.5 mm nominal size), after painting two coats of approved Black Japan paint over a coat of red-oxide onto sides of ventilator frame in contact with stone/cement mortar/PCC/RCC and making good the damages to walls and floors as required complete, sealing the joints between window frame and jamb wall / cill with silicone sealant, complete with peg stay, hunges including disposal of rubbish to the dumping ground all complete as per directions.	Kgs	30			



Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
33	Assessed	Supply and fixing of MS square hollow pipe 12 mm x 12 mm x 1.6 mm (16 gauge) weight not less than 0.54 Kg per running meter, fixed in mitred joints pattern, duly painted two coats enamel paint over one coat of red oxide, to fix & hold glass panes in the window shutters, after raking the corners / edges for removal of any existing old putty, as per site requirement fixed with SS screw complete as per directions. Note : Payment of MS square hollow pipe 12mm x 12 mm to hold window glass pane shall be considered under this item.	RM	10			
34	10.31.1	Supply and fixing of 4 mm thick glass panes using MS square hollow pipe / bar fixed with stainless steel screws to hold the window glass panes as per site requirement fixed as per directions (Make of Glass : Saint Gobain, FUSO Glass, Asahi India Glass). Note: Payment of 4 mm thick glass pane only will be considered under this item. Payment of fixing of new MS Sq. Hollow pipe 12 mm x 12 mm shall be paid under item No 36.	Sqm	2			
		Painting and Finishes					
35	13.80	Providing and applying white cement based acrylic wall putty to walls (average thickness 1 mm) of approved brand and manufacturer over the plaster wall surface including preparation of surface complete. Make : JK / Birla White Putty	Sqm	350			
36	Assessed	Providing and applying one coat of Water based Primer of on wall surface. Make: Asian / Dulux.	Sqm	350			
37	13.85.3	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	Sqm	350			
38	13.83	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.					



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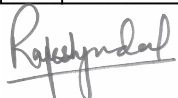
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Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
	13.83.1	(a) One coat	Sqm	200			
	13.83.2	(b) Two coats	Sqm	150			
39	Modified 13.111	Material and Labour for Finishing walls with Acrylic Smooth exterior paint of make Apex Shyne Dust Proof / Apex Advanced Dust Proof, of required shade on Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface.	Sqm	250			
40	13.45	Material and labour for Finishing walls with Premium acrylic smooth exterior paint with Silicone additives of required shade. New work (Two or more coats applied @ 1.43 liter/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm). Apex Advanced from Asian Paints	Sqm	250			
41	24.8	Material and labour for applying breathable, hydrophobic, water repellent, non-reactive and antifungal paint over the final paint layer/coat. This hydrophobic layer of paint shall be of Silane/Siloxane based chemical of make Sikagard 72 W from Sika India, D088 Durabuild Silicine Water repellent from Durabuild and Master Protect H1100 from Master Builder or Dr Fixit 103 Repellin WR, as approved by Engineer-in-charge in two or more coats to give uniform application of chemical on the surface, all complete as per direction of Engineer-In-charge and manufacturer's instructions. (The rate is inclusive of all materials & labours involved except scaffolding).	Sqm	250			
42	SSR 17029	Material and labour for applying two coats of synthetic enamel paint over a coat of red oxide on newly steel Surfaces of any description, over 10cm in width or girth,not otherwise described including preparation of surfaces etc complete all as specified and directed by Engr- In- Charge.	Sqm	5			
		Water Proofing and Brick Coba					

Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
43	12.21.1 (modified)	Providing Kerb/gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 approved coarse sand) as per standard design, in 75x75 mm deep chase, including a coat of neat cement slurry on top.	RM	60			
44	DSR 22.7	<p>Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:</p> <p>(a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment.</p> <p>(b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.</p> <p>(c) After two days of proper curing, open /rake joints in bricks / brick bats, and fill the same with application of second 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.</p> <p>(d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre 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 complete all as specified and directed by Engr-In-Charge.</p>	Sqm	110			
		Electrical					

Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
45	1.21	Supply and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.					
	1.21.1	(a) 20mm	Meter	60			
	1.21.2	(b) 25mm	Meter	40			
	1.21.3	(c) 32mm	Meter	30			
46	1.31	Supply and fixing suitable size GI box on surface or in recess, including providing and fixing 3 pin 5/6 modular socket outlet and 5/6 modular switch, connection etc. as required.	Each	12			
47	1.27	Supply and fixing following size/module, GI box alongwith modular base & cover plate for modular switches in recess etc as required.					
	1.27.1	(a) 2 module (75mm X 75mm)	Each	8			
	1.27.2	(b) 3 module (100mm X 75mm)	Each	9			
	1.27.3	(c) 4 module (125mm X 75mm) Each 287	Each	6			
48	DSR 10.18	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	Each	2			

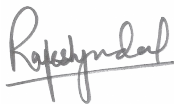


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Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
49	DSR 10.17	Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar, bent to shape with hooked ends in R.C.C. slabs or beams during laying, including painting the exposed portion of loop, all as per standard design complete.	Each	2			
50	Assessed	Fixing carefully the dismantled doors, windows clerestory windows (steel or wood or aluminium with glass), shutter (glass or ACP) including frames / chowkhats, architrave, holdfasts etc. complete with dash fasteners size at least 75/80 mm with chemical / nylon polymer sleeve, 4 Nos on each vertical member on door chokhat, 3 Nos on vertical member on each window including cost of dash fasteners and chemical fasteners complete, in the existing openings, all as specified and directed by Engr-In- charge.	Each	8			
51	Assessed	Dismantling of existing Water tanks (05 Nos), of any capacity and size, as kept on terrace slab, including disconnecting water connections, electric motors, pumps & Fire hydrants etc including the electricity connections, raising these to Mumty slab and fixing it on Mumty after completion of repairs of Mumty slab, complete with water connections and making these ready and operational again with the disassembled plumbing, electricity connections and materials ensuring complete functionality, to the satisfaction of Engineer-in-Charge. Note : Any extra plumbing and electrical items required to make the water supply and these pumps functional shall be provided by School.	Job	1			
		Disposal of Construction and Demolition Waste					
52	Assessed	Disposal of building rubbish/ Malba including loading, transporting for all leads including all lifts, in full tractor trolley of capacity 90 cuft minimum. Note : No of trips shall be recorded at entry /exit gates of the school by the school authorities. Payment shall be made on the basis of number of trips recorded by the security staff at the gate.	No of Trips	45			



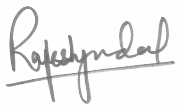
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Ser No.	DSR Item No	Description of Item	A/U	Qty Considered	Rate (Rs)	Amount	Remarks
						(Rs)	
53	Assessed	Disposal of building rubbish / Malba including loading, transporting for all leads including all lifts beyond 50 meters. Note : No of trips shall be recorded at entry /exit gates of the school by the school authorities. Payment shall be made on the basis of quantity recorded by the security staff at the gate.	Cum	20			
		Grand Total (Rupees in Figures without GST)					
		Grand Total (Rupees in Words without GST)					

Signatures with Stamp of the Contractor or his authorised representative,
with date



Signature with date of SPS MV Representative

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Signature of Bidder or his Authorised Representative with date