



केन्द्रीय माध्यमिक शिक्षा बोर्ड  
CENTRAL BOARD OF SECONDARY EDUCATION

F-261(IV)/Maint./H.Q/2018/

Date: 24.01.2018

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**Sub: - Limited tender for Civil and electrical work at 2<sup>nd</sup> floor Chairperson room of Shiksha Kendra, CBSE, HQ building, Preet Vihar, Delhi-110092.**

Sir,

The CBSE intends to invite short time limited tender for Civil and electrical work at 2nd floor Chairperson room of Shiksha Kendra, CBSE, HQ building, Preet Vihar, Delhi-110092 through specialized agencies registered with govt. organization of Central/State Govt. having minimum 5 years of relevant experience in civil works and satisfactorily executed minimum One similar completed work costing not less than the amount equal to 80% of the estimated cost or two similar completed works costing not less than the amount equal to 60% of the estimate cost or three similar completed works costing not less than the amount equal to 40% of the estimated cost on the prescribed format annexed herewith. The agencies willing to submit tender are advised to visit the building so that exact quantum of work is assessed. The tender complete in all respect including experience certificates, tender fees Rs. 500/- and EMD of Rs. 25,000/- payable in favour of the Secretary, CBSE, Delhi must be submitted latest by 31.01.2018 upto 2:30 p.m. and dropped in the tender-box placed at Ground Floor near Reception Counter, CBSE Shiksha Kendra building, 2 Community Centre, Preet Vihar, Delhi-110092. The tenders shall be opened on same date at 3.00 P.M. in the presence of the tenders who may wish to be present.

Incomplete and conditional tender shall be summarily rejected. The CBSE reserves the right to reject any or all the quotations without assigning any reason thereof.

Yours faithfully

(RAHUL TYAGI)  
ASSISTANT ENGINEER (CIVIL)

**NOTICE INVITING TENDER**

Sealed Short time Limited tenders are invited from reputed contractors registered with govt. organization of Central/State Govt. having minimum 3 years of relevant experience in civil and electrical works and satisfactorily executed minimum One similar completed work costing not less than the amount equal to 80% of the estimated cost or two similar completed works costing not less than the amount equal to 60% of the estimate cost or three similar completed works costing not less than the amount equal to 40% of the estimated cost.

I	Name of Work:	Limited tender for Civil and electrical work at 2nd floor Chairperson room of Shiksha Kendra, CBSE, HQ building, Preet Vihar, Delhi-110092.
ii	Estimated Cost	Rs. 8,01,658/-
iii	Cost of Tender	Rs. 500/- (Non refundable and to be submitted along with application of issue of tender)
iv	EMD	Rs.25,000/- payable through DD/BD in f/o The Secretary CBSE, Delhi.
v	Last date for submission of tenders	31.01.2018 at 2.30p.m.
VI	Opening of Tender	31.01.2018 at 3:00 p.m.

**Tender duly completed should be dropped in the tender box placed at Reception Counter, CBSE, H.Q "Shiksha Kendra" 2, Community Centre, Preet Vihar, Delhi-110092. Tender may be download from the CBSE website [www.cbse.nic.in](http://www.cbse.nic.in) .**

**Rahul Tyagi  
Assistant Engineer (Civil)**

**CENTRAL BOARD OF SECONDARY EDUCATION,**

**2,Community Centre, Preet Vihar,Delhi-110092**

**TECHNICAL PARAMETER**

**Last Date for submission: 31/01/2018**

**Up to 2.00. P.M.**

**Name of work: Limited tender for Civil and electrical work at 2nd floor Chairperson room of Shiksha Kendra, CBSE, HQ building, Preet Vihar, Delhi-110092.**

**General:**

1. Name of the company.....
2. Name of the authorized person submitting the Bid “Shri/Smt.....
3. Designation of the authorized person submitting the Bid.....
4. Name, Designation, address and Mobile Number of alternate person.....  
.....
5. Address of the company.....
6. Tel no. with STD code (O)... ..(Fax).....(R).....
7. Mobile No. of the person submitting the Bid.....
8. E-mail of the person submitting the Bid.....
9. Organization's email ID.....
10. Website Address (if any) .....
11. Registration & incorporation particulars of the firm:
  - i) Private Limited
  - ii) Public Limited
  - iii) Any other - Please specify.....
12. Name of Director/owner or partner (s).....
13. Email ID of Director (s).....
14. Mobile Number of Director (s).....
15. Bidder’s bank, its address and current account number .....
16. Permanent Income Tax number,.....  
**(Please attach copies of income tax return for last three years)**
17. GST Number.....  
**(Please attach copies of GST Registration Number)**

18. Particulars of EMD of Rs. 25,000/-

- i) Demand Draft / Bank Guarantee No/NEFT/ Cash receipt no.....
- ii) Date.....
- iii) Name of Bank.....
- iv) Address of Bank.....
- v) Validity of BG/DD.....

22. Particulars of Tender Fee of Rs. 500/-

- i) Demand Draft No/ NEFT/ Cash receipt no. ....
- ii) Date. ....
- iii) Name of Bank.....
- iv) Address of Bank. ....
- v) Validity of DD.....

23. Annual turnover last three years:-

- 23.0 Eligibility prerequisite:- .....
- 23.1 Experience :- .....
- Minimum 03 years in relevant field of .....
- a Minimum 01 work of 80% value .....
- or
- b Minimum 02 work of 60% value .....
- or
- c Minimum 01 work of 40% value .....

SL. Nos	Year	Name of the organization	Cost of the work (executed)	Contract person with Tel. No.	Period from	Copy of Work Order
01						Annexure-A
02						Annexure-B
03						Annexure-C

**TECHNICAL QUALIFICATION**

- a. The tenderer should be registered with CPWD/PWD. The tenderer is required to furnish eligible photocopy of the concerned registrations alongwith its technical offer clearly indicating the contractor’s code no. etc. in case of non-submission of the copy of the requisite registrations, the offer shall be treated as being from an unqualified contractor and summarily rejected.
- b. The tenderer shall furnish copy of registration under GST.
- c. The office of the tenderer should be located in Delhi or NCR.

**UNDERTAKING**

- 1. I/We the undersigned certify that I have gone through the terms and conditions mentioned in the bidding document and undertake to comply with them.
- 2. The rates quoted by me/undersigned are valid and binding upon me for the entire period of contract and it is certified that the rates quoted are the lowest rates as quoted in any other institution in India.
- 3. I/We give the rights to the competent authority of the CBSE to forfeit the Earnest Money/Security money deposit by me/us in case of breach of conditions of Contract.
- 4. I /We hereby undertake to provide the mechanized housekeeping services as per the directions given in the tender document/contract agreement.

**Place:**

**Date:**

Signature of Bidder/Authorized signatory .....

Name of the Bidder .....

Seal of the Bidder

# CERTIFICATE OF NEAR RELATIVES

## CERTIFICATE

Certificate on Non-Participation of near Relatives in the tender

I \_\_\_\_\_, S/O \_\_\_\_\_, R/O \_\_\_\_\_ hereby certify that none of my relative(s) as defined in Section 12 of tender document is/are employed in CBSE ,H.Q building, Preet Vihar, DELHI as per details given in tender document. In case at any stage, it is found that the information given by me is false/ incorrect, CBSE office shall have the absolute right to take any action including termination of the Contract as deemed fit/without any prior intimation to me.

Signed \_\_\_\_\_

For and on behalf of the Bidder

Name (caps) \_\_\_\_\_

Position \_\_\_\_\_

Date \_\_\_\_\_

## Terms & Conditions

1. The work shall be executed as per the approved specifications and CPWD norms.
2. The work is to be completed within 20 days from 7<sup>th</sup> day of award of work.
3. All the materials shall be got approved from the Engineer-In-charge before installation.
4. No T & P shall be provided by the Board.
5. Scaffolding wherever required shall be arranged by the Contractor.
6. The work shall be executed under the strict supervision of the Engineer In-charge.
7. The measurements shall be recorded jointly with contractor and CBSE engineer.
8. Potable water shall only be used; in no case ground water shall be used.
9. In case of delay, a penalty @ 1% per week shall be levied subject to a max of 5% of the contract value.
10. In case of poor workmanship, the Board shall have the right to rescind the contract and get the work executed through any other agency at the risk & cost of the defaulting contractor.
11. In case the work is kept suspended without any valid reason, the Board shall be free to get the remaining work executed through any other agency.
12. The contractor shall be required to provide adequate safety for its workers and the Board shall not be accountable to any kind of injury/ accident at site.
13. 5% amount shall be retained as security for a period of 12 months as defect liability. In case no defect is observed the same shall be released after the defect liability period.
14. The contractor will use approved brand of material as given in the tender.
15. The contractor will get the water proofing work from specialized agency in the field and will get the name of the agency approved from engineer-in-charge. 5 years guarantee will be given for the water proofing works.
16. The contractor shall take all safety precautions for his workers and shall be sole responsible for any mishap.
17. A tenderer should quote the rate (s) of tender in figures as well as in words. The total amount shall be written both in figure and in words.
18. All rates shall be quoted on the tender form and shall include all material, labour, transportation, all taxes, duties, testing, commissioning, supervision, tools, plants, wastage, sundries, scaffoldings as required mobilization demobilization, transportation etc. and nothing extra shall be payable on this account.
19. GST or any other tax on materials in respect of this contract shall be payable by the contractor and the will not entertain any claim whatsoever in this respect.
20. Tender cost & EMD. Tenders without the earnest money and cost of tender if any will be summarily rejected.
21. Tender document should be put into a separate sealed envelope & superscribe as **Tender documents for the Civil and Electrical work at 2<sup>nd</sup> floor Chairperson room of Shiksha Kendra building. Due on 31/01/2018 at 02:30 hrs.**  
**No running payment allowed in a work . payment shall be released after satisfactorily execution of work.**
22. The Board will return the earnest money, where applicable to every unsuccessful tenderer on production by the tenderer of a certificate of the Engineer that all tender documents have been returned.
23. This notice of tender shall form part of the contract documents.
24. The validity of the tender (s) shall be up to **60** (ninety) days from the date of opening of Tender(s).
25. The use of whitener/eraser in this tender document is prohibited. While filling the tender papers, if any correction becomes necessary, the same should be done by **SCORING OFF** originally written rates/figures etc. and then rewriting should be done under initials of person filling the tender.
26. **Conditional Tender - Conditional tenders are liable to be rejected.**

27. **Canvassing** - Canvassing or support in any form for the acceptance of any tender is strictly prohibited. Any tenderer doing so will render him liable to penalties which may include removal of his/her name.
28. **SUBLETTING** - The contractor shall not, without the prior approval of the competent authority in writing sublet or assign to any other party or parties, the whole or any portion of the work under the contract. Where such approval is granted, the contractor shall not be relieved of any obligation or duty or responsibility which he undertakes under the contract.
29. **REMOVAL OF UNDESIRABLE PERSON(S)** - The contractor shall, on receipt of a requisition from the Engineer-in-charge, at once remove any person(s) employed by him on the work who, in the opinion of the Engineer– in-charge is unsuitable or undesirable at the site of the work.
30. **RIGHT TO INCREASE OR DECREASE WORK** - **The competent authority reserves the right to increase or decrease the works depending on the situation emanating at a particular time.** The competent authority also reserves the right to increase or decrease any portion of the work during the currency of the contract and the contractor shall be bound to comply with the order of the competent authority without any claim for compensation.
31. **FAIR WAGES** - The contractor shall pay not less than fair wages to labourers engaged by him on the works.
32. The cement, waterproofing material shall not be received in open packs but in sealed packs only. These packs shall be shown to the Engineer in charge before opening them.
33. The tools and machinery shall be possessed or arranged by the contractor in good working condition. No extra payment shall be made for use of the tools and machinery. No machinery will be supplied by CBSE.
34. **Cleaning:** ensure that the floor area in the corridors are kept neat and clean while working and all dismantled material is removed immediately and shifted to outside the CBSE building
35. Protection of work/workers: The safety of the work in all respect is contractor's responsibility till the site is handed over back to CBSE after completion of project.
36. Measurement: The quantities given in the tender are approximate but however the payment shall be made on the basis of actual measurement taken on site and in conformity with BIS codes.
37. The Contractor is required to approach Board for execution of agreement for the said work as per the prescribed performa to be provided by the Board on a non-judicial stamp paper of Rs.100/- within 10 days from the issue of the letter of award.
38. **ACCEPTANCE / REJECTION OF TENDER**
- i) CBSE does not bind itself to accept the lowest tender.
  - ii)CBSE also reserves the right to accept or reject any tender in part or full without assigning any reason whatsoever.

#### 40.FIRM RATES

**The rates quoted by bidder shall remain firm till completion of all works even during the extended period, if any, on any account what so ever. It is provided that the contractor shall not increase any of the rates, quoted in the tender till the completion of work.**

#### 41.Inspection of Site:

The Contractor shall inspect and examine the Site and its surrounding and shall satisfy himself before submitting his tender as to the nature of the Site, the quantities and nature of works and material necessary for the completion of the Works and the means of access to the Site, the accommodation he may require and in general shall himself obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect this tender.

#### 42.Sufficiency of Tender:

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

43. Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the Works comprised therein according to drawings and specifications or from any of his obligations under the Contract.

In the event of an error occurring in the amount column of Schedule of Quantities as a result of wrong extension of the unit rate and quantity the unit rate shall be regarded as firm and extension shall be amended on the basis of the rate.

All errors in totaling in the amount column and in carrying forward totals shall be corrected.

**44. Performance Guarantee:**

**The contractor will deposit 05% (Five) of the awarded cost towards performance guarantee within 10 days of issue of Work Order, failing which the work will be cancelled.**

**45. Security Deposit:**

Total security deposit shall be 5 % of the accepted tender cost and shall be deposited/deducted by/from the contractor as following: -

- a) **5% Security Deposit will be deducted from Bill and the EMD** deposited will be adjusted in the security deposit.
- b) Refund *of Security deposit*: Security deposit refundable to the Contractor worked out on the basis of the value of work completed shall be refunded to the Contractor on the Engineer-In-Charge of the CBSE certifying in writing that the work has been completed satisfactorily after defect liability period of 12 months.
- c) No interest shall be payable to the contractor on the Security Deposit furnished/ recovered from the contractor, by the CBSE.

**46. Deviations/Variations Extent and Pricing**

The Engineer- in-charge shall have power (i) to make alteration, in omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Engineer- in Charge and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.

46.1 The time for completion of the work shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, be extended if requested by the contractor, as follows:

- i) In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus.
- ii) 25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer- in-Charge.

**47. Deviation, Extra Items and Pricing Rates for Extra/ Additional Items**

- i) If the rate for additional, altered or substituted item of work is specified in the Schedule of Quantities, the Contractor shall carry out the additional, altered or substituted item at the quoted rate.
- ii) If the rate for any altered, additional or substituted item of work is not specified in the schedule of Quantities, the rate for that item shall be derived from the market rates.
- iii) If the rate for any altered, additional or substituted item of work cannot be determined in the

manner specified in sub-paras (i), and (ii) above, the contractor shall, within 7 days of the date of receipt of the order to carry out the said work, inform the Engineer- in-Charge under advice to the Accepting Authority of the rate which he proposes to claim for such item of work, supported by analysis of the rate claimed, and the Engineer- in-Charge shall, within fifteen days thereafter, after giving due consideration to the rate claimed by the Contractor determine the rate on the basis of market rate(s). In the event of the contractor failing to inform the Engineer- in-Charge within the stipulated period of time, the rate which he proposes to claim, the rate for such item shall be determined by the Engineer-in-Charge on the basis of market rate(s) and shall be final.

#### **48. Time and Extension for Delay:**

- 48.1 The time allowed for execution of the work as specified in the Appendix or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the work shall commence from the 7<sup>th</sup> day after the date on which the Board issues written orders to commence the work or from the date of handing over of the site, whichever is earlier.
- 48.2 As soon as possible after the Contract is concluded the Engineer-in-Charge and the Contractor shall agree upon a Time and Progress Chart. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the work.
- 48.3 If the work be delayed by
- a) Force majeure or
  - b) Abnormally bad weather or
  - c) Serious loss or damage by fire, or
  - d) Civil commotion, local combination of workmen strike or lockout, affecting any of the trades employed on the work, or
  - e) Delay on the part of other contractors or tradesmen engaged by Board in executing work not forming part of the contract, or
  - f) Other cause, which, in the absolute discretion of the authority mentioned in Appendix, is beyond the Contractor's control;
- 48.4 Then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the Works.
- 48.5 The Contractor shall arrange, at his own expense, all tools, plant and equipment hereafter referred to as (T & P) labour, P.O.L. & electricity/water required for execution of the work for which nothing extra shall be paid.

#### **49. FORCE MAJEURE**

Any delays in or failure of the performance of either party herein shall not constitute default hereunder or give rise to any claim for damages, if any, to the extent such delays or failure of performance is caused by occurrences such as Act of god or the public enemy; expropriation or confiscation of facilities by Government authorities, or in compliance with any order or request of any Governmental authorities or due acts of war, rebellion or sabotage or fires, floods, explosions, riots or illegal joint strikes of all the workers of all the contractors.

#### **50. MATERIALS**

All materials to be provided by the Contractor shall be in conformity with the specifications laid down in the contract and the Contractor shall, if requested by the Engineer- in-Charge, furnish proof to the satisfaction of Engineer- in-Charge in this regard.

## **51. Labour:**

- a) The Contractor shall employ its labour in sufficient numbers to maintain the required rate of progress and of quality to ensure workmanship of the degree specified in the Contract and to the satisfaction of the Engineer-in-Charge. The Contractor shall not employ in connection with the Works any person who has not completed eighteen years of age.
- b) All the workers or employees deployed by the contractors shall be considered the employees of contractor and Board shall not have any liability what so ever in nature in regard to such workers/employees.

The Contractor shall pay to labour employed by him directly wages not less than fair wages as per Minimum Wages Act. Fair Wage' means wages, which shall include wages for weekly day of rest and other allowances whether for time or piece work, after taking into consideration prevailing market rates for similar employment in the neighbourhood but shall not be less than the minimum rates of wages fixed under the payment of Minimum Wages Act.

- d) The Contractor shall in respect of labour employed by him or his sub-contractor comply with or cause to be complied with the Contractor Labour Regulation in regard to all matters provided therein.
- e) The Contractor shall comply with the provisions of the payment of Wages Act, 1936, Minimum Wages Act, 1948, Employers' Liability Act, 1938. Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Benefit Act, 1970 or any modification thereof or any other law relating thereto and rules made there under from time to time.
- f) The Contractor shall indemnify and keep indemnified the Board against:
  - i) Any claim arising out of third party loss/ damage to life or property caused by/during execution of the work.
  - ii) Any claim arising out of loss/ damage to the workmen engaged by the contractor during execution of the work.
  - iii) Any claim due to non-compliance of applicable PF/ Labour laws, ESI regulations etc.

## **52. Inspection and Approval:**

All work embracing more than process shall be subject to examination and approval at each stage thereof and the Contractor shall give due notice to the Engineer- in-Charge or his authorized representative when each stage is ready. The Engineer- in-Charge or his representative shall have powers at any time to inspect and examine any part of the Works and the contractor shall give such facilities as may be required for such inspection and examination.

## **53. Liquidated Damages for Delay**

Time is essence of the contract. In case the CONTRACTOR fails to complete the whole work within the stipulated period, and clear the site he shall be liable to pay liquidated damages @ 01 % (one percent only) of the value of contract per week and or part thereof of the delay subject to a maximum of 5% (Five percent only) of the value of the contract. The amount of Compensation may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the Board.

## **54. Instruction and Notices:**

- 54.1 Subject as otherwise provided in this contract, all notices to be given on behalf of the CBSE and all other actions to be taken on its behalf may be given or taken by the Engineer- in-Charge or any officer for the time being entrusted with the functions, duties and powers of the Engineer- in-Charge.
- 54.2 All instructions, notices and communications, etc., under the contract shall be given in writing 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 the date when in the ordinary course of post these would have been delivered to him.

**55. Foreclosure of Contract in Full or in Part due to Abandonment or Reduction in Scope of Work.**

If at any time after acceptance of the tender the Board shall decide to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the Works to be carried out the Engineer-in-Charge shall give notice in writing to that effect to the Contractor and Contractor 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 works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.

**56. Cancellation of Contract in Full or in Part by the Board:**

The Board shall have a right to cancel the contract in full or in part if the Contractor:

- a) At any time makes defaults in proceeding with the Works with due negligence and continues to do so even after a notice in writing of 7 days from the Engineer- in-Charge; or
- b) Commits default in complying with any of the terms and conditions of Contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-Charge; or
- c) Fails to complete the works or items of work on or before the date(s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge; or
- d) Violates any of the terms and conditions stipulated in this Tender.
- e) Being a company, passes a resolution or the Court makes an order for liquidation of its affairs, or a receiver or manager on behalf of the debenture holders is appointed or circumstances shall arise which entitle the Court or debenture holders to appoint a receiver or manager; or

**57. Liability for Damage, Defects or Imperfections and Rectification thereof:**

If the Contractor or his workmen or employees shall injure or destroy any part of the building in which they may be working or any building, road, fence, etc. contiguous to the premises on which the work or any part of it is being executed, or if any damage shall happen to the work while in progress the Contractor shall upon receipt of a notice in writing in that behalf make the same good at his own expense. In case of repairs and maintenance works, splashes and dropping from white washing, painting, etc. shall be removed and surfaces cleaned simultaneously with completion of these items of work in individual rooms, cabins or premises, etc. where the work is done, without waiting for completion of all other items of work in the contract. In case the Contractor fails to comply with the requirements of this condition, the Engineer- in-Charge shall have the right to get the work done by other means at the cost of the Contractor. Before taking such action, however, the Engineer- in-Charge shall give three days notice in writing to the Contractor.

**58. Urgent Works:**

If any Urgent work (in respect whereof the decision of the Engineer-in-Charge shall be final and binding) becomes necessary and Contractor is unable or unwilling at once to carry it out, the Engineer- in-Charge may by his own or other workpeople carry it out, as he may consider necessary. If the urgent work shall be such as the Contractor is liable under the contract to carry out at his expenses, the expenses incurred on it by the Board shall be recoverable from the Contractor and be adjusted or set off against any sum payable to him.

## **59. VALUATIONS AND PAYMENT:**

1. The Engineer- in-Charge shall accept as otherwise stated ascertain and determine by measurement the value in accordance with the contract work done in accordance therewith.
2. All items having a financial value shall be entered in computerised Measurement Book, etc. prescribed by the Board so that a complete record is obtained of all work performed under the contract.
3. Payment will be released through cheque /RTGS after satisfactory completion of work.
4. Payment will be made on actual measurement basis as carried out at the site. The quantities given in the schedule of quantities are only approximate and contractor will have to carry out the work as per the increased/decreased quantity of work as per the directions of Engineer-in-Charge, for which no extra claim over and above the tender rate will be considered. For releasing the payment up to accepted tender amount the Chairman, CBSE is the approving authority.
5. The Contractor shall, without extra charge, provide assistance with every appliance, labour and other things necessary for measurements. In regard to measurement, variation; the decision taken by the Engineer-in-charge shall be final.

**No escalation will be paid even in extended period, if any.**

6. All measurements shall be taken jointly by the Engineer- in-charge or his authorized representative and by the contractor or his authorized representative from time to time during the progress of the work and such measurements shall be signed and dated by the Engineer- in-charge and the parties. If the Contractor objects to any of the measurements recorded on behalf of the CBSE a note to that effect shall be made in the Measurement Book against the item object to and such note shall be signed and dated by all the parties engaged in taking the measurement. The decision of the Competent Authority on any such dispute or difference or interpretation shall be final and binding on both the parties and shall be beyond the scope of the settlement of disputes of Arbitration in respect of all contract items, substituted items, extra items and deviations.
7. All statutory deductions as applicable like TDS, etc shall be made from the due payment of the contractor.
8. No running payment allowed in a work full and final payment shall be released after successfully completion of work.

## **60. Methods of Measurement**

Except where any general or detailed description of the work in Quantities expressly shows to the contrary, Schedule of Quantities shall be deemed to have been prepared and measurements shall be taken in accordance with the procedure set forth in the Schedule of Rates / Specification notwithstanding any provision in the relevant Standard Method of Measurement or any general or local custom.

## **61. Carrying out part work at risk & cost of contractor**

The Engineer- in-charge without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to the Board, by a notice in writing to take the part work/ part incomplete work of any item(s) out of his hands and shall have powers to:

- (a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or
- (b) Carry out the part work/ part incomplete work of any item(s) at the risk and cost of the contractor.

Any excess expenditure incurred or to be incurred by the Board in completing the part work/ part incomplete work of any item(s) or the excess loss of damages suffered or may be suffered by the Board as aforesaid without prejudice to any other right or remedy available to Board in law or as per agreement be recovered from any money due to the contractor on any account, and if such money is insufficient, the contractor shall be called upon in writing and shall be liable to pay the same within 30 days.

If the contractor fails to pay the required sum within the aforesaid period of 30 days, the Engineer-in-charge shall have the right to sell any or all of the contractors' unused materials, constructional plant, implements, temporary building at site etc. and adjust the proceeds of sale thereof towards the dues recoverable from the contractor under the contract and if thereafter there remains any balance outstanding, it shall be recovered in accordance with the provision of the contract.

In the event of above course being adopted by the Engineer- in-charge, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured materials or entered into any engagements or made any advance on any account or with a view to the execution of the work or the performance of the contract.

#### **62.ARBITRATION AND LAWS Arbitration:**

Except where otherwise provided for in the contract all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned and as to the quality of workmanship or materials used onto work or as to any other question, claim right matter or thing whatsoever in any way arising out of or relating to the contract, designs drawings, specifications, estimates, instructions, orders and these conditions or otherwise concerning the works, or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to Chairman CBSE. There will be no objection if the arbitrator so appointed is an employee of the CBSE. and that he Subject as aforesaid the provision of the Indian Arbitration and Reconciliation Act, 1996, or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceeding under this clause.

It is a term of the contract that the party invoking arbitration shall specify the dispute or disputes to be referred to arbitration under this clause together with the amount or amounts claimed in respect of each such dispute.

The Arbitrator shall be deemed to have entered on the reference on the date he issued notice to both parties fixing the date of the first hearing. The Arbitrator shall give a separate award in respect of each dispute of difference referred to him.

The venue of arbitration shall be at Delhi or such place as may be fixed by the Arbitrator in sole discretion.

The award of the arbitrator shall be final, conclusive and binding on all parties to this contract. The cost of arbitration shall be borne equally by the parties to the dispute, as may be decided by the arbitrator(s).

**SIGNATURE OF THE CONTRACTOR**

**LIST OF APPROVED MAKE OF MATERIAL**

1	CEMENT	ACC, ULTRATECH,VIKRAM, SHREE CEMENT, AMBUJA ,JAYPEE CEMENT,CENTURY CEMENT & J.K.CEMENT
2	WHITE CEMENT	J.K. WHITE, BIRLA WHITE
3	WATER PROOFING COMPOUND	PIDILITE, CICO, FOSROC ACCOPROOF, IMPERMO
4	BITUMEN	INDIAN OIL, HINDUSTAN PETROLEUM, BHARAT PETROLEUM
5	NON METALIC SURFACE HARDNER	ARMSTRONG, NITOFLOL HARDTOP, FOSROC, , SIKAFLOOR® – 2 SYNLTOP, IRONITE COMPANY OF INDIA LTD,
6	LOCKS/LATCH	GODREJ, HARRISION, PLAZA, DORMA , YALE
7	WIRE MESH	HAVER STANDARD INDIA PVT LTD, GRAND METAL CORPORATION, STERLING ENTERPRISES, TRIMURTY WELDED MESH, TIGER
8	NUTS, BOLTS AND SCREWS, STEEL	KUNDAN, PRIYA, ATUL, PUJA, AXEL
9	POLY-SULPHIDE/SILICON SEALANT	PIDILITE, FOSROC, TUFFSEAL, CHOKSEY,CHEMICALS,
10	DASH FASTNERS	HILTI, FISCHER, BOSCH, CANON, AXEL
11	HYDRAULIC DOOR CLOSER/FLOOR SPRING	HARDWYN, GODREJ, YALE
12	S.S RAILING	JINDAL STAINLESS STEEL LTD., ICICH INDUSTRIES, ESSAL, DORMA, AXEL.
13	FLOAT GLASS	MODI FLOAT, SAINT GOBAIN, ASAHI,
14	EPDM GASKET	HANU/ANAND/LESCUYER
15	TILE ADHESIVE	PIDILITE, SIKA,THERMOSHIELD, DUNLOP, VAMORGANIC, TILE MATE & HOME PRIDE
16	CERAMIC GLAZED TILES	JOHNSON, KAJARIA, ORIENT BELL, SOMANY, CRYSTAL, VARMORA, NITCO
17	PORCELAIN TILES	JOHNSON, ASIAN, CENTURY, MARBITO, VARMORA NITCO
18	VITRIFIED TILES	KAJARIA, JOHANSON, ASIAN, ANTIQUE, GRANITO, ORIENT BELL, SOMANY, MARBITO, CRYSTAL, VARMORA, NITCO
19	CHEQURED TILE	NITCO, ULTRA, UNISTONE, MODERN,
20	CC PAVERS	NITCO, BHARAT REGENCY, HINDUSTAN, ULTRA, KJS CONCRETE, DURACRETE K.K. , DALAL TILES INDUSTRIES, KIRITI.
21	VITREOUS CHINA 22SAINITARY WARE	PARRYWARE, HINDWARE, CERA
22	FIRECLAY SINKS & DRAIN BOARDS	PARRY, SANFIRE(DELUXE)
23	STAINLESS STEEL SINKS	NILKANTH, NIRALI, COBRA, AXEL, JAYNA, MILLENNIUM
24	SOIL,WASTE & VENT PIPES & FITTINGS A) CENTRFUGAL CAST IRON	NECO, HEPKO, KAPILANSH SKF,CICO, HIF(BABU LAL BAJAJ IRON FOUNDRY) BENGAL IRON CORPORATION
25	G.I. PIPES	TATA, JINDAL (HISSAR), PRAKASH
26	G.I. FITTINGS (MALLAEABLE CAST IRON)	UNIK, ICS, AMCO, KS, NVR
27	GUNMETAL VALVES	LEADER, SANT, ZOLOTO
28	STONEWARE PIPE &	PERFECT, PARRY

GULLY TRAPES		
29	C.I. DOUBLE FLANGED SLUICE VALVES	KIRLOSKAR, IVC, BURN
30	C.I. DOUBLE FLANGED NON-RETURN VALVES	KIRLOSKAR, SANT, KARTAR
31	UPVC PIPE	SURREME, PRINCE, FINOLEX, PRAKASH, <b>SFMC</b>
32	BALL VALVES	ZOLOTO, IBP, ARCO
33	BEVELED EDGE MIRROR	MODIGUARD, ATUL, SAINT GOBAIN
34	UPVC WINDOW/DOORS	FENESTA, REHAU, POLYWOOD
35	FIRE GLASS FOR VISION PANNELS	SAINT GOBAIN, ASHAI INDIA, MODI
36	ALUMINIUM EXTRUDED PROFILES	HINDALCO/JINDAL/NALCO
37	CPVC PIPE & FITTINGS	AJAY FOLOWGUARD, ASHIRWAD FOLOGUARD, SFMC
38	POP (PLASTER OF PARIS)	J K. LAXMI, SRIRAM NIRMAN, SAKARNI
39	PRELAMINATED PARTICLE BOARD	CENTURY PLY, ECO BOARD, BHUTAN BOARD, ACTION TESA, ASSOCIATE DECORE LTD.
40	BLOCK BOARD	CENTURY PLY BOARD, DURO, ALPRO GREEN PLY
41	FLUSH DOOR	CENTURY PLY BOARD, DURO, ALPRO GREEN PLY, M.P.WOOD
42	PVC DOORS	RAJSHREE, FINOLEX PLASTICS
43	FACTORY MADE SECTION WINDOW	ISI MARK PRODUCT ONLY,
44	PLASTIC SEAT COVER	COMMANDER, JINDAL, ADMIRA, CUCKOO, MILLENNIUM
45	M.S. DOOR FITTINGS	ASHISH, OXFORD, GARG, ADARSH
46	ALUMINIUM DOOR ,FITTINGS	CLASSIC, EVEREST, ARGENT
47	FIBERGLASS REINFORCED PLASTIC (FRP) PANELLED/ FLUSH DOOR SHUTTER & FRAME.	FIBREWAYS TECHNOLOGY, SHIV SHAKTI FIBRE UDYOG, SIMBA FRP PVT. LTD. & ADVANCE TECH.

**48 SYNTHETIC ENAMEL )FIRST QUALITY**

M/s Asian Paints Ltd (Apolite Gloss enamel),  
M/s Berger Paints India Ltd (Luxol Hi-gloss enamel)  
M/s Shalimar Paints Ltd(Superlac Hi-gloss enamel)  
M/s ICI India Ltd. AKZONOBEL (Dulux Hi gloss Enamel)  
M/s Jehnson & Nicholson Ltd. (Borolac)  
M/s Kamdhenu Paints (Interior and Exterior kamolite Synthetic Enamel Paint Products)

**49 OIL BOUD DISTEMPER**

M/s Asian Paints Ltd ( Tractor / Professional Acrylic Distemper )  
M/s Berger Paints India Ltd ( Bison Acrylic Distemper )  
M/s Shalimar Paints Ltd ( No. 1 Premium Acrylic distemper)  
M/s ICI India Ltd AKZONOBEL ( Maxilite Acrylic Distemper )  
M/s Godavari Paints Pvt Ltd ( Godavari Acrylic Distemper )  
M/s Kamdhenu Paints (Acrylic Washable Distemper and Acrylic Putty and Primer )

- 50     **ACRYLIC EMULSION EXTERIOR**  
M/s Asian Paints Ltd ( Apex Ultima )  
M/s Berger Paints India Ltd ( Weathercoat All Guard )  
M/s Shalimar Paints Ltd ( Xtra Maxima)  
M/s ICI India Ltd AKZONOBEL ( Dulux Weathersheild Max )  
M/s Godavari Paints Pvt Ltd ( Pearl Ultima )  
M/s Sherwin William Paints ( Outshine Kaamal )  
M/s Kamdhenu Paints (Interior and Exterior Acrylic Enamel Paint Products)
- 51     **CEMENT BASED PAINT**  
M/s Asian Paints Ltd ( Uatsavcem )  
M/s Berger Paints India Ltd ( Durocem )  
M/s Shalimar Paints Ltd ( Maha Cemkote )  
M/s Jayant Color & Chemical Industries ( Supremcem )  
M/s Sherwin Williams Paints India Ltd ( Nitcocem )  
M/s Kamdhenu Paints (Supper Kamocem water proof Cement paint, ODHNI Cement Paint & Kamoprime primer )
- 52     **CEMENT PRIMER**  
M/s Asian Paints Ltd  
M/s Berger Paints India Ltd M/s Shalimar Paints Ltd  
M/s ICI India Ltd AKZONOBEL  
M/s Godavari Paints Pvt Ltd ( Godavari Waterbased Exterior Primer / interior Primer / Professional Primer)  
M/s Jehnson & Nicholson Ltd  
M/s Sherwin William Paints India Ltd
- 53     **TEXTURE FINISH**  
SPECTRUM, ACRO, SANDTEX, REVLONTEX  
M/s Kamdhenu Paints (Fine/Rustic/Stone Finishes Texture Paint)
- 54     **FLY ASH BRICKS**  
M/S KJS Concrete(P) Ltd.
- 55     **STONE CLADDING CLAMPS**  
AXEL

**SCHEDULE OF WORK**

**Name of work:** **Limited tender for Civil and electrical work at 2nd floor Chairperson room of Shiksha Kendra, CBSE, HQ building, Preet Vihar, Delhi-110092.**

S.No	Description of work	Qty	Unit	Rate	Amount
1	Dismantling of air cooling ducts with gypsum board by Mechanical or manual mean & stacking of serviceable material in basement and disposal of unserviceable material with in 50 mtr. Lead. Size of duct. (I) 2.0 x 8.50 x 0.42 (ii) 6.0 x 1.20 x 0.42 (iii) 5.40 x 1.05 x 0.42 (iv) 3.20 x 1.0 x 1.03	1	Job		
2	Dismantling of Gypsum board / POP false ceiling hanging/fix with M.S channel / strip etc at ceiling and disposal of unserviceable material with in 50 mtr lead as per director of Engineer-In-Charge	88	sqm		
3	Dismantling of wooden wall paneling partition of thickness 50-60mm/c dismantling of doors etc complete. i/c removal of veneer on both side and wooden batten etc complete.	120	sqm		
4	Dismantling tile work in floors, wall and roofs laid in cement mortar including stacking material within 50 meters lead. For thickness of tiles 10 mm to 25 mm	105	sqm		
5	Dismantling of WC, cistern and wash basin with all fittings etc complete and submitted serviceable material in maintenance unit. (W.C- 1 no, EWC- 1no,Cistern-1 no, Half urinal- 1 no, angle valve-4 no.s Pillar cock-1 no, z spray- 1no,)	1	job		
6	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 meters lead :				
6.1	Of area 3 sq. meters and below	3	Each		
7	Providing and fixing 1st quality ceramic glazed wall tiles of any size conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	40	sqm		
8	Providing and laying rectified Glazed Ceramic floor tiles 400x400 or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand) including pointing the joints with white cement and matching pigments etc., complete.	5	sqm		
9	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture spintone/cosmos / Hexa or equivalent of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to	68	sqm		

	centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calcium silicate ceiling tiles of approved texture (Spintone / Cosmos/hexa) in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T' , bottom exposed with 24 mm of all T-sections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by engineer-in-charge. Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm.The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non - combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/m 0 KC.				
10	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622 , of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).				
10.1	Size of Tile 600 x 600 mm	70	sqm		
11	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.				
11.1	Size of Tile 600 x 600 mm	70	Sqm		
12	12 mm Cement plaster of mix				
12.1	1:4 (1 Cement: coarse sand)	130	Sqm		
13	15 mm Cement plaster on rough side of single or half brick wall of mix:				
13.1	1:4 (1 Cement: coarse sand)	130	Sqm		
14	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	300	Sqm		
15	French spirit polishing:				
15.1	Two or more coats on new work including a coat of wood filler.	35	sqm		
16	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				
16.1	Two or more coats applied on walls @ 1.25 ltr/10 sqm over	400	Sqm		

	and including one coat of Special primer applied @ 0.75 ltr / 10 sqm				
17	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :				
17.1	Second class teak wood.	5	Sqm		
17.2	Float glass panes				
17.2.1	4mm thick glass pane	4	Sqm		
18	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge.				
18.2	Second class teak wood.				
18.2.1	35 mm thick shutters	8	Sqm		
18.2.2	30mm thick shutters	6	Sqm		
19	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately).				
19.1	Second class teak wood.	1	Cum		
20	Providing and fixing white vitreous china wall hung water closet (European type W.C. pan) with seat and lid, of	1	each		
21	P/f concealed cistern of heavy duty of approved make	1	each		
22	Providing and fixing rectangular washbasin of size 630 x 450 mm	1	each		
23	P/f Basin mixer of heavy duty of approved make	1	each		
24	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	40	cum		
25	Providing sand stone slab for roofing and laying them in cement mortar 1:4(1 cement :4 coarse sand) over T-iron (structural steel sections including pointing the ceiling joints with cement mortar 1:3 (1 Cement :3 fine sand) complete.				
25.1	Red sand stone 20-30 mm thick	2.90	Sqm		
25.2	T-iron (75 x 75 x 6 mm)	122	K.g		
26	Brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
26.1	Cement mortar 1:4 (1 cement: 4 coarse sand)	25	Cum		
27	Half Brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
27.1	Cement mortar 1:4 (1 cement: 4 coarse sand)	7	Sqm		
28	Repair of Gypsum ceiling with gypsum board and channel, screw etc complete as per site requirement	30	Sqm		
29	Providing and fixing of heavy duty concealed door closer suitable for interior wood, hollow metal and aluminum door frames. Maximum door opening is approximately 130 <sup>0</sup>	5	No's		
30	Providing and fixing of heavy duty stainless steel sink of size 20" x 16" x 8"	1	No.		

31	Supply and installation of heavy duty stainless steel cockroach jail of double layers	2	No's		
32	Providing and fixing of rectangular low cabinets wall hanging vanity having drawers for opening. As per site requirement.	01	Each		
33	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.				
33.1	Group B	16	Point		
33.2	Group C	20	Point		
34	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required				
34.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	100	Mtr.		
34.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	200	Mtr.		
35	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	10	Each		
36	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meters lead	25	Sqm		
37	Dismantling concealed G.I. pipes including excavation, taking out the pipes, manually/ by mechanical means including buying back the same : 15 mm to 40 mm nominal bore	8	Mtr.		
38	Dismantling concealed C.I. pipes including excavation, taking out the pipes, manually/ by mechanical means breaking lead caulked joints and buying back the same. Up to 150 mm diameter	2	Mtr.		
39	Dismantling of 110mm & 150 mm.dia vertical & horizontal CI pipe in shafts disposal of the same as per directed by the Engineer in-charge. Note:- Vertical pipes upto 40 mt Height. Please quote the rates inclusive of form work for dismantling of vertical pipes at shaft etc complete.	2	Mtr.		
40	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. / CPVE pipe etc.	12	Mtr.		
41	Connection of new pipe line with old pipe line with union 15/20 mm union?	01	Each		
42	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing 25 mm PVC conduit pipe etc.	75	Mtr.		
43	Providing and fixing 40 mm upvc pipe line for water supply line complete with UPVC fittings and clamps etc complete	05	Mtr.		
44	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 40 mm	01	Each		

45	P&F of PVC items 110 mm for connecting the IWC and drainage 1. Floor trap 2. Bend	03 01	Each Each		
46	Providing and fixing C.P. brass long body bib cock of approved quality. 15 mm nominal bore	02	Each		
47	Wiring for power point( 2x 4 sqmm) i/c 15 AMP switch , socket and plates etc complete.( 2 switch , 2 sockets, and 6 module modular plate)	18	Each		
48	Providing and fixing C.P. brass angle valve of approved quality. 15mm nominal bore Single way	05	Each		
49	Providing and fixing C.P Brass Bottle Trap Heavy duty for wash basin	02	Each		
50	P&F of CP waste 1 1/4" or 1 1/2"	01	Each		
51	P & F LED light fitting of 5/6 watts Down lighter.	08	Each		
52	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with frame of approved make with impervious material backing : Mirror of size 450x600mm as per approved sample. Full height Mirror of size 450x1800 mm as per approved sample	01 01	Each Each		
53	Providing and fixing stainless steel liquid soap container of containing liquid soap capacity of 1.10 ltr	01	Each		
54	Providing and fixing CP Brass towel ring	01	Each		
55	Providing and fixing of health focet with 1.5 mtr long pipe	01	Each		
56	SITC of sound proof exhaust fan upto 300mm sweep in the existing opening including providing M.S. support as per site requirement.	01	Each		
57	P & F 25 mm PVC conduit pipe of ISI mark of approved brand as per direction of Engineer of Charge	75	Mtr.		
58	1:1 1/2 :3 ( 1 Cement: 1 1/2 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	01	Cum		

**Note:- Rate must be quoted inclusive of all taxes (GST) etc. complete.**