



**WEST BENGAL MEDICAL SERVICES CORPORATION LTD.**  
(Wholly owned by the Government of West Bengal)

**Swasthya Sathi, GN-29, Sector-V, Salt Lake, Kolkata-700091.**

**NOTICE INVITING TENDER DOCUMENTS FOR**

**Vertical extension of one floor with PUF insulated light structure wall over  
fourth floor of B-wing of Swasthya Bhawan Building, 3rd call**

**(NIT Reference No. : WBMSCL/NIT-419 /2024, Dated – 18/07/2024)**

# WEST BENGAL MEDICAL SERVICES CORPORATION LIMITED

(Wholly Owned by the Government of West Bengal)

Registered Office: Swasthya Sathi, GN-29, Sector-V, Salt Lake, Kolkata- 700091

Phone: 033-4034-0300 Email: info@wbmsc.gov.in website: [www.wbmsc.gov.in](http://www.wbmsc.gov.in)

I.T.B. No. : WBMSCL/NIT- 419 /2024

Dated – 18 /07/2024

## SECTION - A

Managing Director, WBMSCL invites sealed bids through electronic tendering (e- Tendering) for “Vertical Extension of one floor with PUF insulated light structure wall over fourth floor of B-wing of Swasthya Bhawan Building, 3rd call” from the bonafied, resourceful and reliable experienced Contractor in West Bengal.

Sl. No.	Name of the Work	Estimated Amount (Rs.)	Earnest Money (Rs.) Pament to be done by online NEFT/RTGS in e-Tender portal)	Period of Completion	Name & address of the Office
01.	Vertical Extension of one floor with PUF insulated light structure wall over fourth floor of B-wing of Swasthya Bhawan Building, 3rd call	1,81,92,910.00	3,63,858.00	240 Days	Managing Director, West Bengal Medical Services Corporation Limited, Swasthya Sathi Building, GN-29, Sector -V, Saltlake,

### **GENERAL CLAUSE OF NIT :**

#### **TWO BID SYSTEM**

1.0 This NIT is of Two Bid Tender, i) Technical & ii) Financial, both to be submitted concurrently in the portal. The bidders who will be Technically qualified in respect to Technical and Financial eligibility/capability criteria specified in the below mentioned subsequent clause can only be permitted to participate in the Financial Bidding.

#### **TENDER DOCUMENT**

2.0 In the event of e-filling intending bidder may download the tender document from the website directly by the help of his Digital Signature Certificate & upload the same with other documents along with necessary Earnest Money electronically as mentioned in Cl 14 of NIT. (Details of which has been narrated in “Instruction to Bidders”, i.e. Section A). Where an individual person holds a digital signature certificate in his own name duly issued to him by the company or the firm of which he happens to be director or partner, such individual person either belonging to and appropriate cadre officer of the company or an authorized partner of a firm, shall invariably upload a copy of Registered power of attorney showing clear authorization in his favour, to upload such tender. The power of attorney shall have to be registered in accordance with the provisions of the Registration Act, 1908.

- a. Dully filled in copies of Section – B (Forms I to V & Affidavit) in prescribed proforma with proper dated signature in the relevant spaces to be uploaded electronically. **Documents in support of the information furnished in Forms I to V & Affidavit must be attached/uploaded for evaluation and the file number & page number has to be indicated in the respective column of the Form.**

- b. Digitally signed Technical Bid and Financial Bid both to be submitted concurrently in the website <https://wbtenders.gov.in>. Tender Document may be downloaded from the website. Submission of Technical Bid & Financial Bid as per the date and time Schedule stated in Sl. No. 12 of this NIT. The documents submitted by the bidders should be properly indexed.

**Eligibility Criterion for participation in the tender :-**

3.0 i) **Credential :-**

- (a) The prospective bidders shall have satisfactorily completed as a Sole firm during the last 5 (five) years prior to the date of issue of this NIT at least one building works comprising both civil & electrical components under the authority of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies under the statute of the Central/State Government and having a magnitude more than 20% in case of this 3<sup>rd</sup> call of the Estimated amount put to tender for intended job.

**OR**

- (b) The prospective bidders shall have satisfactorily completed as a Sole firm during the last 5(five) years prior to the date of issue of this NIT at least two building works comprising both civil & electrical components under the authority of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies under the statute of the Central/State Government having a magnitude each of minimum value of 15% in case of this 3<sup>rd</sup> call of the Estimated amount put to tender for intended job.

N.B. - a) Estimated amount, Date of completion of project or percentage of physical progress of works for running works, value of works done, Salient feature & nature of work executed is to be mentioned in the Credential Certificate. Payment certificate will not be treated as credential. Credential Certificate issued by competent authority (not below the rank of Executive Engineer) of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies constituted under the statute of the Central / State Government will be taken as credential. However, Credential Certificate issued to sub-contractor by Central or State Govt. undertaking/Govt. Enterprise shall not be accepted.

b) Executed value (without contractual percentage) of completed will be taken as credential.

c) Work order along with completion certificate building works comprising both civil & electrical components to be submitted.

ii) **TECHNICAL PERSONEL**

The prospective bidders shall have full time engaged/appointed in their Pay roll experienced technical personnel, the minimum being one Civil & Electrical Engineering Diploma Holder (Authenticated documents in respect of qualification and engagement shall be furnished for Technical Evaluation).

iii) PAN Card, Valid Professional Tax Receipt Challan for the financial year 2024-25, Trade Licence, Valid GST Registration no. & certificate, Income Tax Acknowledgement Receipt for assessment year 2023-24 is to be submitted with Technical Bid document.

iv) Registered Unemployed Engineers' Co-operative Societies/ Registered Unemployed Labour Co-operative Societies are required to furnish valid bye law, Current Audit Report.

v) Joint Venture will not be allowed.

vi) The prospective bidder should own / hired through lease agreement in between leaser & lessee as required plant & machinery. Conclusive of machinery in working condition shall have to be submitted (to be documented through e-filing).

vii) **Intending bidder shall make MOU with bonafide vendor in the field of PUF-insulated wall panel to fulfill the eligibility criteria. Bidder is to ensure erection and fixing of PUF-insulated wall panel with truss structure (i.e. M.S. Structural works) by the bonafide vendor itself. Making MOU to execute any other element of works will not be allowed.**

viii) The partnership firm shall furnish (a) Registration Certificate from Register of firms along with certified copy of Form-VIII issued under Indian Partnership Act, 1932, & (b) partnership deed shall have to be either Notarised / registered from ADSR and the company shall furnish (a) Incorporation Certificate & CIN (b) the Article of Association and Memorandum. (Non Statutory Documents).

ix) **Deleted**

x) A prospective bidder shall be allowed to participate in the particular job either in the capacity of individual or as a partner of a firm. If found to have applied severally in a single job, all of his/their bids will be considered as nonresponsive for that job, without assigning any reason thereof.

And

If individual entity is found to be present in more than one bidding firm for a specific SI as a Proprietor or / and Partner / or POA (Power of Attorney), in that case all the bids of the respective firms containing that particular entity shall be considered as non-responsive.

xi) **Earnest Money** : - The bidder shall be required to deposit earnest money amounting to **Rs. 3,63,858/-** (Rupees three lakh sixty three thousand eight hundred fifty eight only) to participate in the bid.

The Earnest Money to be submitted is an amount of **Rs. 3,63,858/-** (Rupees three lakh sixty three thousand eight hundred fifty eight only) will be transferred by way of net banking to the designated bank account as mentioned in the website <https://www.wbtenders.gov.in>.

**Agency having MSME certificate is not exempted from submission of EMD as per finance memo no. 4245 – F (Y), Kolkata, the 28th May, 2013.**

4. Constructional Labour Welfare Cess @ 1 % (one percent) of the cost of construction will be deducted from every bill of the selected agency. GST, Royalty & all other Statutory Levy / Cess will have to be borne by the contractor. As the rates in the Schedule of rate are inclusive of GST & Cess as stated above.
5. The Bidder will have to submit the receipt of payment of **Royalty** to the Government for use of sand, stone materials, laterite, Moorum, gravel etc. to the Engineer-In-charge before preparation of bill for payment, when they collect the materials directly from the source. If they collect the materials from the authorized quarry holder or commercial establishment who directly or indirectly pay the royalty to the Government, necessary certificate or cash memo for sale in that respect from them shall have to be produced to the Engineer-In-Charge failing which necessary deduction from the dues of the contractor may be made as fixed by the Engineer-In-Charge.
6. **Bids will remain valid for a period not less than 120 days (One Hundred Twenty days) from the date of opening of the financial proposal.** However, extension of bid validity may be suitably considered by the Tender Inviting Authority, if required, subject to obtaining written confirmation of the contractor/bidder(s) to the effect. If the bidder withdraws the Bid during the period of Bid validity his Earnest Money Deposit will be forfeited.
7. All materials including bitumen (of all grade), bitumen emulsion, cement, steel shall be of approved brand in accordance with relevant code of practice and manufacture accordingly and shall be procured and supplied by the agency at their own cost. Authenticated evidence for purchase of bitumen, bitumen emulsion, cement and steel are to be submitted along with challan and test certificate. If required by the Engineer in Charge, further testing from any Government approved Testing laboratory shall have to be conducted by the agency at their own cost.
8. Steel materials Procure & Supply by the Contractor shall be of TOR Steel Rod / HYSD / TMT Bar of Fe415, Fe500, Fe500 / 550D grade as per specification guided by relevant IS Code (The grade to be decided by the Engineer-In-Charge or as per instruction on specified in the approved drawing of this department or as stipulated in the departmental schedule of rates.
9. Cement Procure & Supply by the Contractor shall be of ordinary Portland cement 53 grade, 43 grade, conforming (IS 8112) or PPC/PSC the grade to be decided by the Engineer-In-Charge or as per instruction on specified in the approved drawing of this department or as stipulated in the departmental schedule of rates.

#### **PRICE ADJUSTMENT / PRICE PREFERENCE**

10. i) No adjustment of Price or Price Escalation of any kind will be allowed. Adjustment of price (increase or decrease).
- ii) No price preference will be allowed for the work under this NIT.
10. No Mobilization Advance / Secured Advance will be allowed.

11. Prospective applicants note carefully the minimum qualification criteria as mentioned in instruction to bidders before tendering the bids.

12. No Conditional Bid / Tender will be accepted under any circumstances.

13. Requirement of Principal Machineries which must be possessed by [Non Statutory Document] by the Bidders.

14. Before uploading tender document through e-filing each page of the tender documents are to be signed by the Bidder/ owner/ partner / authorized signatories having legal authority to do so, failing which the Bid will be treated as informal.

15. The employer reserves the right to accept or reject any / all offer without assigning any reason whatsoever and is not liable for any cost that might have incurred by the Bidder at the stage of Bidding.

The Bidders Net Worth for the last year calculated on the basis of capital, Profit and free reserve available to the firm should be positive.

16. IMPORTANT INFORMATION

A. Current Schedule of Rates for P.W.D.(Building works) circle Schedule with effect from 01.11.2017 & with latest addendum & Corrigendum of P.W.D, Government of West Bengal for civil works and P.W.D Schedule of rates for Electrical Works with effect from 01.11.2017 as well as market rates will be applicable in this Tender including 1% cess.

B. DATE & TIME SCHEDULE

Sl. No.	PARTICULAR	DATE & TIME
i)	Date of uploading of N.I.T and Tender Documents (online)	19.07.2024
ii)	Documents Sell / download start date (online)	19.07.2024 at 12.00 A.M.
iii)	Bid Submission Upload Start date (online)	19.07.2024 at 04.00 P.M.
iv)	Bid Submission Upload End date (online)	09.08.2024 upto 03.00 P.M. or As per available slot of WBtender portal after 09.08.2024 upto 3.00 P.M.
v)	Date & Place for Opening of Technical bid (online) for the Bidders	09.08.2024 at 3.00 P.M. As per available slot of WBtender portal after 09.08.2024 upto 3.00 P.M.
vi)	Date & place for opening of financial proposal	To be notified later

C: LOCATION OF CRITICAL EVENTS

**Bid Opening: "West Bengal Medical Services Corporation Limited, Swasthya Sathi Building, GN-29, Sector -V, Saltlake, Kolkata-700091"** Interested bidder may be presented at West Bengal Medical Services Corporation Limited, Swasthya Sathi Building, GN-29, Sector -V, Saltlake, Kolkata-700091 during opening of bid. Managing Director, West Bengal Medical Services Corporation Limited may call open bid /sealed bid after opening of the said bid to obtain the suitable rate further, if it is required. No objection in this respect will be entertained if raised by any bidder present or absent during opening of tender.

17. In case of any unscheduled holiday on the aforesaid dates [Sl. (v)], the next working day will be treated as schedule / prescribed date for the same purpose.

18. The successful Bidder shall have to execute Formal Agreement with Managing Director, West Bengal Medical Services Corporation Limited within 7(Seven) days from the issuance of Provisional Work order.

19. Bank guarantee as Performance Security Bank Guarantee @ 10% of the contract value may be submitted for the purpose of the security deposit with reference to finance department, Govt. of West Bengal order no.

20. Agency shall have to arrange required land for installation of Plant & machineries (Specified for the awarded work), storing materials, labour shade etc. at their own cost and responsibility nearest to the work site.
21. The intending bidder(s) required to quote the rate (**percentage above/below/at par**) over the total estimated cost put to tender online considering that no escalation and / or price adjustment will be allowed by the department under any circumstances.
22. The Bidder has to visit and examine the site of works and its surroundings and obtained all information that may be necessary for preparing Bid and entering into an agreement for the work / works as mentioned in the NIT. The costs for visiting the working site shall be at the bidders own expense.
23. **Deleted.**
24. Prospective Bidder shall have to execute the work in such manner so that appropriate service level of the Building under improvement is to be maintained during progress of the work and during **Defect Liability Period of 3(three) Year** for the works from the date of successful completion of the work up to the entire satisfaction of the Engineer in Charge. If any defect / damage is detected during this period as mentioned above the contractor shall make the same good at his own expense to the satisfaction of the Engineer in Charge or in default the Engineer in Charge may cause the same to be made good by other agency and deduct the cost (of which the certificate of the Engineer in Charge shall be final) from his security deposit or any sums that may be then, or at any time thereafter become due to the contractor. Security Deposit shall become payable only after expiry of the **Defect Liability Period** after making necessary deduction if applicable.
25. If more than one Bidder quoted same rate and which are found lowest at the time of opening, such similar multiple rates will not be entertained / accepted. Lowest offer will be ascertained by sealed bid amongst the lowest bidder.
26. At any stage during scrutiny, if it is found that the credential or any other papers which the Bidder uploaded during Bidding process, found incorrect / manufactured / fabricated, that bid will be considered as non- responsive and outright rejected with forfeiture of Earnest Money and action will be taken as per stipulation of IT Rules in force.
27. List of “Technically Qualified Bidders” will be published in the web portal only. Financial Bid will be opened within a short period after such publication. Therefore, Bidders are requested to view the tender status on a regular basis. In case of there be any objection regarding Pre-qualification / list of “Technically Qualified Bidders”, that objection should be lodged to the Managing Director, WBMSCL within 48 hours from the date of publication of list of qualified Agency and beyond that time schedule no objection will be entertained by the Tender Evaluation Committee.
28. Before issuance of Letter of Acceptance / Provisional Work order, the tender accepting authority may verify the credential & other documents of the lowest bidder so uploaded online if found necessary. If it is found such document incorrect/ manufactured / fabricated, Letter of Acceptance / Provisional Work order will not be issued in favour of the bidder under any circumstances and action will be taken accordingly.
29. In case of Ascertaining of Authority at any stage of application or execution of work, necessary registered Power of Attorney is to be produced.
30. The Earnest Money may be forfeited if:-
  - a) If the Bidder withdraws the Bid during the period of Bid validity.
  - b) In case of successful Bidder, if the Bidder fails to execute formal agreement within the stipulated time period.
  - c) During scrutiny, if it is come to the notice of tender inviting authority that the credential or any other document which were uploaded & digitally signed by the Bidder are incorrect / manufactured / fabricated.
31. If any discrepancy arises between two similar clauses on different notifications, the clause as stated in later notification will supersede former one in following sequence:-
  - a) Notice Inviting Tender
  - b) Special Terms and Conditions
  - c) Financial Bid
  - d) Schedule of Works (as per B.O.Q)

All works covered in the clause appearing hereinafter shall be deemed to form a part of the appropriate item or items of works appearing in the work schedule whether specifically mentioned in any clause or not and the rates quoted shall include all such works unless it is otherwise mentioned that extra



payment will be made for particular works.

32. **The bidders must have valid Electrical Contractors' License with full time engagement of an Electrical Supervisor Competency on the parts 1, 2, 3, 4, 5, 6A, 7A & 11 or equivalent National Supervisors' Certificate of competency (Self Attested scan copy of valid "Electrical Contractors' License," "Supervisors' Certificate of Competency" and authentic Notarized document regarding engagement of Electrical Supervisors as submitted to the licensing board, "Govt. of West Bengal" require in Non-Statutory document).**
33. **Deleted.**
34. For any typographical mistake in case of Unit, Rate, Quantity, Amount, any type of nomenclature in items of works/item itself including description etc. whatsoever as stated in BOQ, that can't be claimed during agreement or so. In that case sanctioned estimate will be binding criteria.
35. As per memorandum no. 4608-F(Y) dated.18.07.2018 of Finance Department Govt. of West Bengal, the successful bidder will have to submit Additional Performance Security @10% of the tendered amount, if the accepted bid value is 80% or less of the estimated amount put to tender. The Additional Performance Security shall be submitted in the form of Bank Guarantee from any Scheduled Bank before issuance of the Work Order. If the bidder fails to submit the Additional Performance Security within seven working days from the date of issuance of Letter of Acceptance, his Earnest Money will be forfeited and other necessary actions as per NIT like blacklisting of the contractor, etc, may be taken. The Bank Guarantee shall have to be valid upto end of the Contract Period and shall be renewed accordingly, if required. The Bank Guarantee shall be returned immediately on successful completion of the Contract. If the bidder fails to complete the work successfully, the Additional Performance Security shall be forfeited at any time during the pendency of the contract period after serving proper notice to the contractor. Necessary provisions regarding deduction of security deposit from the progressive bills of the contractor as per relevant clauses of the contract shall in no way be altered/affected by provision of this Additional Performance Security.
36. The bidders whose technical bids are found defective to explain their position within 07 (seven) working days either through e-Mail or sending hard copy through any messenger. After receiving the clarification on deficiency, the authorities would be justified in taking appropriate decision on the admission / rejection of the bid considering the merit of each case.

**The eligibility of the Bidder will be ascertained on the basis of document submitted / uploaded & digitally signed in support of the minimum criterion as mentioned above. If any document submitted / uploaded by the Bidder is either manufactured or false the eligibility of Bidder will be out rightly rejected at any stage without prejudice and action will be taken as per stipulation of IT Rules in force.**

Sd/-  
**Managing Director**  
**West Bengal Medical Services Corporation Limited**

**SECTION -B**  
**Payment Schedule**

Payment will be made according to B.O.Q.



## INSTRUCTION TO BIDDERS

### SECTION – C

#### *General guidance for e-Tendering*

Instructions/ Guidelines for tenders for electronic submission of the tenders online have been annexed for assisting the contractors to participate in e-Tendering.

1. Registration of Contractor Any contractor willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement system, through logging on to **<https://etender.wb.nic.in>**. The contractor is to click on the link for e-Tendering site as given on the web portal.
2. Digital Signature certificate (DSC) Each contractor is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders, from the approved service provider of the National Information's Centre (NIC) on payment of requisite amount details are available at the Web Site stated in Clause-2 of Guideline to Bidder DSC is given as a USB e-Token.
3. The contractor can search & download NIT & Tender Documents electronically from computer once he logs on to the website mentioned in Clause 2 using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.
4. Participation in more than one work a prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. If found to have applied severally in a single job, all his applications will be rejected for that job.
5. **Submission of Tenders/General process of submission:** Tenders are to be submitted through online to the website stated in Cl. 2 in two folders at a time for each work, one in Technical Proposal & the other in Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC) The documents are to be uploaded (virus scanned copy) duly Digitally Signed. The documents will get encrypted (transformed into non readable formats). A. Technical & Financial proposal: The proposal should contain scanned copies of the following in two covers (folders).

#### **A-1. Statutory Cover file Containing.**

Technical Bid:

- i) Earnest money (EMD) as prescribed in the NIT
- ii) NIT
- iii) Forms (As mentioned in the NIT, Section-D)

Financial Bid:

- iv) The rate will be quoted in the BOQ quoted rate (as per schedule of works in the form of annexure) will be encrypted in the B.O.Q. under Financial Bid.
- v) Annexure 'A'(Schedule of works)

#### **A-2. Non statutory / Technical Documents**

- i. Current Income Tax return (for the assessment year 2023-24), PAN, GST Registration Certificate, Professional Tax receipt challan for the financial year 2024-25
- ii. Valid enlistment renewal certificate
- iii. Registered Deed of partnership Firm
- iv. Trade License from the respective Municipality/Panchayet etc. (in case of S & P Contractors only)
- v. Certificate of Registration' from the respective Assistant Registrar of Co – operative Societies (for Regd. Unemployed Engineer's Co – Operative Society Ltd.)
- vi. Requisite Credential Certificate as mention in Clause [3(i)] of this N.I.T.
- vii. Electrical Contractors' License with full time engagement of an Electrical Supervisor Competency on the parts 1, 2, 3, 4, 5, 6A, 7A & 11

Note: Failure of submission of any of the above mentioned documents will render the tender liable to be rejected for both statutory & non statutory cover.

**THE ABOVE STATED NON-STATUTORY/TECHNICAL DOCUMENTS SHOULD BE ARRANGED IN THE FOLLOWING MANNER**

Click the check boxes beside the necessary documents in the My Document list and then click the tab “Submit Non Statutory Documents’ to send the selected documents to Non-Statutory folder. Next Click the tab “Click to Encrypt and upload” and then click the “Technical” Folder to upload the Technical Documents.

<b>Sl. No.</b>	<b>Category Name</b>	<b>Sub Category Descriptio</b>	<b>Details</b>
A.	CERTIFICATES	CERTIFICATES	Current Income Tax return (for the assessment year 2023-24), PAN, GST Registration Certificate & Professional Tax receipt challan for the financial year 2023-24, Trade License, Electrical Contractors’ License with full time engagement of an Electrical Supervisor Competency on the parts <b>1, 2, 3, 4, 5, 6A, 7A &amp; 11</b>
B.	Company Details	Company Details – I	‘Certificate of Registration’ from the respective Assistant Registrar of Co – operative Societies (for Regd. Unemployed Engineer’s Co – Operative Society Limited)
C.	Credential (in applicable cases)	Credential	1. Documents of Credential (in the form of work completion certificates and payment certificates) as mentioned in Clause No. [2(i)]

**B. Technical proposal**

- i. Opening of Technical proposal: - Technical proposals will be opened by the Managing Director, West Bengal Medical Services Corporation Limited and his authorized representative electronically from the web site stated using their Digital Signature Certificate.
- ii. Intending bidders may remain present if they so desire.

**C. Financial proposal**

- i) The financial proposal should contain the following documents in one cover (folder) i.e. Bill of quantities (BOQ). The contractor is to quote the rate (**Offering Above/ Below/ At per**) online through Computer in the space marked for quoting rate in the BOQ and also digitally signed and upload the Schedule of works given in the format of Annexure)
- ii) Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the contractor.

**PENALTY FOR SUPPRESSION / DISTORTION OF FACTS OR SUBMISSION OF INCORRECT INFORMATION:**

If any tenderer fails to produce the original hard copies of the documents (specially Completion Certificates and audited balance sheets), or any other documents on demand of the Tender Opening Authority within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies or if there is any suppression of facts, the Tenderer will be suspended from participating in the tenders on e-Tender platform for 3 (three) years. In addition, his user ID will be deactivated and Earnest Money Deposit will stand forfeited. Besides, WEST BENGAL MEDICAL SERVICES CORPORATION LIMITED may take appropriate legal action against such tenderer.

## AWARD OF CONTRACT

The Tender Inviting Authority reserves the right to accept or reject any Tender and to cancel the Tendering process and reject all Tenders at any time and prior to the Award of Contract without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Bidder or Bidders of the ground for Employer's action.

The Bidder whose Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter/email.

The notification of award will initiate the execution of agreement.

The Agreement in prescribed composite Tender Form will incorporate all agreements between the Tender Accepting Authority and the successful Bidder. All the tender documents including NIT B.O.Q, STC & TF. will be the part of the Contract Documents.

### **D. (i) Special Terms & Conditions for Machineries, Tools and Plants as follows.**

(i) Welding Machine (ii) Grout Pump (iii) Drilling Machine (iv) Mixer Machine, , v) Safety equipments etc.

All plants, machineries and equipment will be verified by the competent authority before execution of the work.

# SECTION – D

## FORM -I

### B.1. PRE-QUALIFICATION APPLICATION.

To  
Managing Director,  
West Bengal Medical Services Corporation Limited

Ref: - Tender for \_\_\_\_\_  
\_\_\_\_\_ work \_\_\_\_\_  
\_\_\_\_\_

N.I.T. No: WBMSCL/NIT- 419 /2024, Dated – 18/07 /2024 of West Bengal Medical Services Corporation Limited

Dear Sir,  
Having examined the Statutory, Non statutory, Instruction to Bidders & NIT documents along with its Agenda & corrigendum, I /we hereby submit all the necessary information and relevant documents for evaluation

The application is made by me / us on behalf of \_\_\_\_\_

In the Capacity \_\_\_\_\_ duly authorized to submit the order.

The necessary evidence admissible by law in respect of authority assigned to us on behalf of the group of firms for Application and for completion of the contract documents is attached herewith. We are interested in bidding for the work(s) given in Enclosure to this letter.

**We understand that:**

- (a) Tender Inviting & Accepting Authority/Engineer-in-Charge can amend the scope & value of the contract bid under this project.
- (b) Tender Inviting & Accepting Authority/Engineer-in-Charge reserve the right to reject any application without assigning any reason.

**(c) Encl:- e-Filling:-**

- (d) 1. Statutory Documents.
- (e) 2. Non Statutory Documents.

Date: -

\_\_\_\_\_  
**Signature of applicant including title**  
and capacity in which application is made.

# SECTION – D

## FORM - II

### B.2. AFFIDAVIT – “X”

(To be furnished in Non – Judicial Stamp paper of appropriate value duly notarized)

#### Work in progress.

Sl.	Name of the work.	Tender No.	Tendered Amount.	% of work Executed.

#### Work order issued but work not started.

Sl.	Name of the work.	Tender No.	Tendered Amount.	Status.

\_\_\_\_\_  
Signature

Date: .....

\_\_\_\_\_  
Name of the Firm with Seal.

**SECTION – D**

**FORM- III**

**B.3. STRUCTURE AND ORGANISATION.**

**B.3.1. Name of applicant::** \_\_\_\_\_

**B.3.2. Office Address::** \_\_\_\_\_

\_\_\_\_\_

Telephone No.:: \_\_\_\_\_

Fax No. :: \_\_\_\_\_

**E-mail ID ::** \_\_\_\_\_

**B.3.3. Name & address of Bankers::** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**B.3.4. Attach an organization chart showing the structure of the company with names of Key personnel and technical staff with Bio-data.**

**Note:** Application covers Proprietary Firm, Partnership, Limited Company or Corporation,

**Date:**

\_\_\_\_\_  
**Signature of applicant.**  
including title and capacity in which application is made.

## FORM - IV

### B.4. EXPERIENCE PROFILE.

**B.4.1. Name of the Firm:** \_\_\_\_\_  
\_\_\_\_\_

### B.4.2. LIST OF PROJECTS COMPLETED THAT ARE SIMILAR IN NATURE TO THE WORKS HAVING MORE THAN 40% OF THE PROJECT COST EXECUTED DURING THE LAST FIVE YEARS.

Name, Location & nature of work	Deptt. Concern	Engineer-in-Charge	Contract price in Indian Rs.	% of Participation of company	Original Time Schedule		Actual Time Schedule		Reasons for delay in completion (if any)
					Start Date	Completion Date	Start Date	Completion Date	

Note: a) Certificate from the Employers to be attached

b) Non-disclosure of any information in the Schedule will result in disqualification of the firm.

**Date:**

\_\_\_\_\_  
**Signature of applicant**  
including title and capacity in which application is made.



*[Print out in Agency's Letter head & upload the filled proforma with digitally signed as stated below]*

**DECLARATION BY THE TENDERER**

I/We have inspected the site of work and have made myself/ourselves fully acquainted with local conditions in and around the site of work. I /We have carefully gone through the Notice Inviting Tender and other tender documents mentioned therein along with the drawing attached. I/We have also carefully gone through the 'Priced schedule of Probable Items and Quantities'.

My/Our tender is offered taking due consideration of all factors regarding the local site conditions stated in this Detailed Notice Inviting Tender to complete the proposed work referred to above in all respects.

I/We promise to abide by all the stipulations of the contract documents and carry out and complete the work to the satisfaction of the department.

I/We declare that I/We in the capacity of individual/ as a partner of a firm not debarred in the last financial year.

I/We also agree to procure tools, plants and others as per requirement, at my/our cost required for the work.

Signature of Tenderer

**Date :**

Postal address of the Tenderer

**Name of the Firm with Seal**



**PRINTED TENDER FORM**

**WEST BENGAL MEDICAL  
SERVICES CORPORATION  
LIMITED**

**PRINTED TENDER FORM**

eNIT no. – WBMSCL/NIT- 419 /2024

Dated – 18/07/2024

**TENDER AND CONTRACT FOR WORKS GENERAL  
RULES AND DIRECTIONS FOR GUIDANCE OF  
BIDDERS/CONTRACTORS**

1. All works of tender value above Rs. 5.00 lakh proposed for execution through this contract document are to be notified and published in the form of notice inviting e-tender (e-NIT) in the designated official tender website of Government of West Bengal having URL <https://wbtenders.gov.in>, and uploaded simultaneously in the URL of concerned Department inviting Tenders. Thus the tender may be seen and downloaded by logging into the “e-procurement” link provided therein, digitally signed by the concerned Tender Inviting Authority and its corresponding abridged notice also published on the same date in the print media.
2. This e-Notice Inviting Tender (e-NIT) will state the work to be carried out, the date for encrypting (submitting) and decrypting (opening) of e-tenders, the time allowed for carrying out the work; amount of earnest money to be deposited with the e-tender; procedure for submission of EMD, amount of security to be furnished by the successful bidder/contractor, security/ performance security to be deducted from running account bills, copies of specifications, Bill of Quantities, design and drawings and any other document required in connection with the work, digitally signed for the purpose of identification by the Tender Inviting Authority.
3. Intending contractors/bidders are required to download the e-tender documents directly from the website stated above. Tender is required to be submitted online by the intending bidders by authorized e-Tokens provided as DSC. This is the only mode of e-submission of tender and document(s). All information posted in the website consisting of e-NIT, WB Form No. 2911, Tender Bill of Quantities (BOQ), corrigenda notices and drawings etc., if any, shall form part of the Contract. Details of procedure of submission have been explained under “General Terms & Conditions” and Annexure attached with the notice of e-tender (e-NIT).
4. All the documents uploaded by the Tender Inviting Authority forms an integral part of the tender contract/agreement. Contractors/bidders are required to upload the entire set of tender documents along with other related documents as asked for in the e-tender through the above website(s) within the stipulated date and time as given in the e-NIT. Tenders are to be submitted in two folders at a time for each work, one being the ‘Technical Bid’ and the other ‘Financial Bid’. The contractor/ bidder shall carefully go through all the documents and prepare to upload the scanned documents in Portable Document Format (PDF) in the designated link in the web portal as their Technical Bid. He/she needs to fill up the rates of items/percentage in the BOQ downloaded for the work in the designated cell and upload the same again in the designated link in the portal as their Financial Bid. Documents uploaded are virus scanned and digitally signed using the Digital Signature Certificate (DSC). Contractors/bidders should especially take note of all

the addenda and corrigenda related to the e-tender and upload all of these documents also as a part of their tender document.

5. Documents uploaded by the contractors/bidders with all information & rates comprising Technical and Financial bids cannot be changed after last/end date for submission of the e-tender.

6. Deed of Consortium/Partnership Firm, and documents of their registration in the form of certified copy of 'Form No. VIII,' issued under the Indian Partnership Act, 1932 (Act-IX of 1932), GST, & PAN (Permanent Account Number) as per RBI guidelines/above Rs. 50,000/- may be compulsorily furnished for all contracts and all other statutory clearances defined in the e-NIT.

7. The tender evaluation and accepting authorities reserve the right to reject any or all of the tenders without assigning any reasons and he/she will not be bound to accept either the lowest tender or any of the tenders.

8. Withdrawal of e-Tender once the bid has been submitted online and after passing of end date for submission which has been accepted for further processing is not allowed. EMD will be forfeited by the Government and the bidder/contractor penalized in terms of provisions in the notice of the tender.

9. Generally Bids will be valid for 120 days from the date of opening of the financial proposal. However, extension of bid validity may be suitably considered by the Tender Inviting Authority, if required, subject to obtaining a written confirmation of the contractor/bidder(s) to that effect.

#### **TENDER FOR WORKS**

I/We on behalf of the Governor hereby tender for the execution of the work specified in the underwritten "Memorandum" within the time specified in such "Memorandum" at the rates specified therein, and in accordance, in all respects within the Rules contained in clauses hereinafter, in all of the annexed General Conditions of Contract (GCC), Special Conditions of Contract (SCC) and with such other materials as are provided for, by and in all other respects in accordance and with such conditions so far as applicable.

#### **MEMORANDUM**

*(a) If several sub-works are included, they should be detailed in a separate list*

- (a) General description of work .....
- (b) Estimated cost put to Tender ... Rs
- (c) Earnest Money Deposit ... Rs.
- (d) Security Deposit (including earnest money) ... Rs
- (e) Percentage, if any, to be deducted from bill ... Rs  
 .....  
 (Rupees.....  
 Percentage.....)
- (f) Time allowed for the work from date of written order to Commence .....calendar months.

For offline tender during submission of bid and during execution of Agreement for online tender

Name of Work Tendered	Amount Put to Tender	Rate Quoted by the Bidder (% above or less or at par)	Tendered Amount (Contract Price both in words & figures)

Should this Tender be accepted, I/we hereby agree to abide by and fulfill all of the terms and provisions of the said conditions of contract annexed hereto so far as applicable, or in default thereof to forfeit and pay to the Governor or his/her successions in office, the sums of money mentioned in the said conditions.

*\*Give particulars and numbers*

*Strike out (a) or (b) as applicable.*

A sum of Rs ..... \* has been furnished through online net banking/RTGS/NEFT transfer as earnest money deposit [(a) the full value of which is to be absolutely forfeited to the Governor or his/her successors in office, without prejudice to any other rights or remedies of the said Governor or his successors in office. Should I/we not deposit the full amount of security specified in the above 'Memorandum' in accordance with clause I(A) of the said conditions of contract, the said sum of Rs ..... shall be retained by the Government as on account of such security as aforesaid:(b) the full value of which shall be retained by Government on account of the security deposit specified in clause I (B) of the said conditions of contract].

*T Signature of Contractor before submission of tender*

Dated the \_\_\_\_\_ Day of \_\_\_\_\_ 20\_\_\_\_

X  
(Witness)

T

*X Signature of Witness to Contractor's signature*

Address  
Occupation

*XX Signature of the Executive Engineer/AE on behalf of the Department.*

The above tender is here by accepted by me for and on behalf of the Governor of the State of west Bengal

XX

Dated the \_\_\_\_\_ Day of \_\_\_\_\_ (Month) \_\_\_\_\_ (Year)

## GENERAL CONDITIONS OF CONTRACT

**Clause 1 1.1 Earnest Money** - The person/persons who intend to participate in the Tender for an Estimated Amount up to Rs. 25 (Twenty Five) Crore shall have to deposit Earnest Money @ 2% (Two percent) of the Estimated Amount put to Tender or Rs 10 Lakh, whichever is lower.

In case of offline tender earnest money is to be submitted in the form of Bank Draft or Bankers Cheque.

In case of Online Tender (e-Tender) earnest money is to be deposited through e-tender portal (<https://wbenders.gov.in>) by selecting from either of the following payment modes:

- i) Net banking (any of the banks listed in the ICICI Bank Payment gateway) in case of payment through ICICI Bank Payment Gateway.
- ii) RTGS/NEFT in case of offline payment through bank account in any Bank with his/her tender/quotation as per Memorandum No. 3975-F(Y) dated: - 28.07.2016 of Secretary to the Government of West Bengal, Finance Department. The L1 bidder shall make the Formal Agreement after getting the Letter of Acceptance (LOA) issued by the Tender Accepting Authority. Failure to make the Formal Agreement within the time period as prescribed in the Letter of Acceptance (LOA) for the purpose, may be construed as an attempt to disturb the tendering process and will be dealt with accordingly in a legal manner as deemed fit including blacklisting the bidder.

**1.2 Security Deposit** - While making any payment to the person(s) whose tender has been accepted (hereinafter shall be called the contractor) for work done under the contract, the authority making payment shall deduct such sum which together with the Earnest Money already deposited and converted into security deposit, shall amount to 10% of the value of works executed at the material point of time and paid during the progressive running accounts bills, so that total deduction together with

Earnest Money constitute 10% of the tendered value of work actually done.

In case of excess/and supplementary work over the tendered amount, additional security @ of 10% of such additional amount is to be deposited for all such excess/ and supplementary works beyond the tendered amount before payment of final bill.

Compensation of all other sums of money payable by the contractor to the Government under the terms of the contract may be deducted from the security deposit.

However, even though the earnest money deposited exceeds the prescribed percentage, due to reduction of tendered amount due to any reason whatsoever, such additional earnest money shall be deemed to have been converted into security and further deductions from progressive bills shall be made, taking into consideration the enhanced component of earnest money so converted into security.

Security deduction will not normally be required for hiring of inspection vehicles and boats etc., supply of tools & plants, furniture and computer peripherals. Separate agreement may be required in those cases, particularly for consultancy and RFP for EPC, which shall be made in standard formats to be approved by the Government.

After completion of the work, the Contractor may opt for refund of the Security Deposit by replacing equal amount of Bank Guarantee of scheduled Bank valid up to 3 months beyond the defect liability period.

**Additional Performance Security @ 10%** of the tendered amount in the form of Bank Guarantee from a Scheduled Bank, valid up to the date of completion of work, shall be obtained from the successful bidder, if the accepted bid value is 80% or less than the estimated amount put to tender.

If the bidder fails to submit Additional Performance Security within 7 (seven) working days from the date of LoA or the time period as approved by the Tender inviting Authority, his Earnest Money will be forfeited.

If the bidder fails to complete the works successfully, the Additional Performance Security along with Security Deposit lying with the Government shall be forfeited at any time during the pendency of contract period as per relevant Clauses of the Contract.

Necessary provisions regarding deductions of Security Deposit from the progressive bills of the Contractor as per relevant clauses of the contract will in no way be affected/ altered by this Additional Performance Security.

**Clause 2.** The time allowed for carrying out the work as entered in the tender shall be strictly observed by the contractor and shall be reckoned from the date on which the order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceeded with all due diligence. Time being deemed to be the essence of the contract on the part of the contractor, the contractor shall be bound in all cases, to achieve the 'Milestones' as defined under Clause 5 and specified in the NIT into various 'Identifiable and quantifiable construction related stages' pertaining to the work. In the event of the contractor failing to comply with any of the conditions related to achieving the 'Milestones' within the specified time period prescribed for such 'Milestone' plus one month, he/she shall be liable to pay compensation.

If the contractor fails to commence and/or maintain required progress viz. Milestones defined in the Notice Inviting Tender over the total time allotted for its full completion and in terms of clause 5 or fails to complete the work and clear the site on or before the end of contract period or extended date of completion, he/she shall, without prejudice to any other right or remedy available under the law on account of such breach, pay as agreed compensation to the implementing Department.

This will also apply to items or group of items for which a separate period of completion has been specified.

**Compensation for delay of work: @ 2% (Two percent) of the tendered value of work arrived for each month of delay to be computed on per day basis subject to the ceiling limit of security deposit already withheld or due to be withheld during imposition of the said clause and minimum payable compensation equivalent to the Earnest Money deposited (EMD).**

*Compensation  
for delay*

Provided always, that the total amount of compensation for delay, to be paid under this clause shall not exceed 10% of the tendered value of work or the tendered value of the item or group of items of the work, for which a separate period of completion is originally given.

*Action when whole of security deposit is forfeited*

The amount of compensation may be adjusted or set-off against any sum payable to the contractor under this contract, if the contractor catches up with the progress of work subsequently, part or full of the desired progress as per the contract in accordance with the decision of the Tender Accepting Authority, under powers delegated by Government to be communicated by the Engineer-in-Charge, the withheld amount shall be released. However, no interest, whatsoever, shall be payable on such withheld amount.

**Force majeure** :-If the work(s) be delayed for the following reasons:-

Due to war, internal emergency and other conditions such as abnormally bad weather, flood, cyclone natural calamity or serious loss or damage by fire or civil commotion, the contractor shall immediately give notice thereof in writing to the Engineer-in-charge but shall nevertheless use constantly his/her 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.

*Contractor remains liable to pay compensation, if action is not taken under Clause 3*

**Clause 3.** Subject to other provisions contained in this clause, the Engineer-in-charge with the prior approval of Tender Accepting Authority, may, without prejudice to his/her any other rights, remedy against the Contractor in respect of any delay, inferior workmanship, any claims for damages and/or any other provision of the contract or otherwise, and whether the date of completion has or has not been elapsed, by notice in writing, absolutely determine the contract in any of the following cases:

- (i) If the Contractor has been given by the Engineer-in-Charge a notice in writing to rectify, reconstruct or replace any defective work or that work is being performed in an inefficient or otherwise improper or un-workman like manner, shall omit to comply with the requirements of such notice for a period of seven days thereafter;
- (ii) If the Contractor has without reasonable cause suspended the progress of work, or has failed to proceed with the work with due diligence so that, in the opinion of the Engineer-in-Charge he/she will be unable to secure completion of the work by the schedule date for completion, and continues to do so after a notice of seven days in writing from the Engineer-in-charge;
- (iii) If the Contractor fails to complete the work within the stipulated date or the Milestones/items of work within individual dates of completion, if any, stipulated on or before such date(s) of completion and does not complete them or reach the defined Milestones within the period specified in the notice given in writing to that effect by the Engineer-in-charge;
- (iv) If the Contractor persistently neglects to carry out his/her obligations under the contract and/or commits default by not complying with any of the terms & conditions of the contract and does not remedy it, or take effective steps to remedy it, within seven days after a notice in writing is given to him/her to that effect by the Engineer-in-Charge;
- (v) If the Contractor being an individual, or a firm, or any partner thereof, shall at any time be adjudged insolvent or have a 'Receiving Order' or Order for administration of his/her Estate made against him/her, or take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force, or make any conveyance or assignment of his/her effects or composition or arrangement for the benefit of his/her creditor or purport to do so, or if any application be made under Insolvency Act for the time being in force for the sequestration of his/her Estate, or if a trust deed is executed by him/her for benefit of his/her creditors;
- (vi) If the Contractor being a Company pass a resolution or the court delivers an order of judgement that the Company shall be wound up, or if a receiver or a manager on behalf of a creditor be appointed, or if a circumstance arise which entitle the Court or the creditor to appoint a receiver or a manager or which entitle the court to issue a winding up order;
- (vii) If the Contractor shall suffer an execution order being levied on his/her goods and allows it to be continued for a period of 21 days;
- (viii) If the Contractor assigns without prior written approval of the Tender Accepting



Authority, transfers, sublets (engagement of labour on piece work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer, sublet or otherwise parts with the entire work or any portion thereof without prior written approval of the Engineer-in-charge;

- (ix) AND THEREFORE, the Contractor has made himself/herself liable for action under any of the cases aforesaid, the Engineer-in-charge on behalf of the Government with the prior approval of Tender Accepting Authority, shall have the powers to adopt any of the following actions, as he/she may deem best suited to the interest of the Government:-
- (a) To determine the contract as aforesaid, of which rescission notice in writing and costs to be recovered for works since executed subject to a minimum of the amount of Earnest Money deposited by the Contractor under the hand of Engineer-in-charge, shall be the conclusive evidence. Upon such determination, the Earnest Money Deposit, Security Deposit already recovered for executed works and performance guarantee, if any under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the Government.
  - (b) After giving notice to the Contractor to measure up the work executed and to take such whole or the balance or part thereof, as shall be un-executed out of his/her hands, and to give it to another Contractor to complete the balance work. The Contractor, whose contract is determined or rescinded as above, shall not be allowed to participate in the tendering process for the balance work.
  - (c) To employ labour paid by the implementing Department, and to supply materials, to carry out the works or any part of the work, debarring the contractor and debiting the cost of labour and price of materials (of the amount of which cost and price determined by certificate of the Engineer-in-Charge shall be final and conclusive against the contractor) and crediting him/her with the value of the work done, in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the terms of his/her contract; the certificate of the Executive Engineer as to the value of the work done shall be final and conclusive against the contractor.

*Contractors remains liable to pay compensation if action not taken under Clause 3*

In the event of above course being adopted by the Engineer-in-charge, the Contractor shall have no claim of compensation for any loss sustained by him/her by reason of his/her having purchased or procured any material or entered into any engagement or made any advances on any account or with a view to execute the work or the performance of the contract. In case, action is taken under any of the provisions aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work thereof actually performed under this contract, unless and until the Engineer-in-charge has certified in writing that the performance of such work and value payable in respect thereof, and he/she shall only be entitled to be paid the value so certified.

**Clause 3A.** In case, the work cannot be started due to reasons not within the control of the Contractor within 1/4<sup>th</sup> (one fourth) of the stipulated time for completion of the work or 45 days whichever is less, which is accepted as a valid & justified reason by the Tender Accepting Authority, either party viz. Contractor & the Engineer-in-Charge may close the contract with the approval of Tender Accepting Authority. In such an eventuality, the earnest money deposited and the security of the contractor shall be refunded, but no payment on account of interests, loss of profit or damages etc. shall be payable at all.

**Clause 3B.** In case a continuing work cannot be completed due to reasons beyond the control of the contractor, like Force Majeure enumerated later under Clause 5, the contract may be terminated as stated in clause 3A above by the Engineer-in-Charge with the consent of the contractor and approval of the Tender Accepting Authority.

**Clause 4.** In cases in which any of the powers conferred upon the Engineer-in-Charge under Clause 3 hereof shall have become exercisable and the same had not

*Power to take possession of or require removal of or sell Contractor's plant*

been previously exercised, non-exercising thereof shall not constitute as a waiver of any of the conditions hereto, and such powers shall, notwithstanding be exercisable in the event of any future case of default by the contractor, for which by any clause or clauses hereof, he/she is declared liable to pay compensation amounting to whole of his/her security deposit, and the liability of the contractor for past and future compensation shall remain unaffected. In the event of the Engineer-in-Charge putting in force either of the powers under ix (a) or (c) vested with him/her under the preceding clause, he/she may if he/she so desires, take possession of all or any tools & plant, materials and stores, in or upon the work, or the site thereof, or belonging to the contractor, or procured by him/her and intended to be used for execution of the work, or any part thereof, paying or allowing for the same in account at the contract rates or in case of these not being applicable, at current market rates to be certified by the Engineer-in-Charge whose certificate thereof, shall be final and binding. Otherwise, the Engineer-in-Charge may deliver notice in writing to the contractor or his/her clerk, foreman or other authorized agent, requiring him/her to remove such tools & plant, materials or stores from the premises within a time to be specified in such notice; and in the event of the contractor failing to comply with any such requisition, the Engineer-in-Charge may remove them at the contractor's expense or sale them by public auction or private sale on account of the contractor and at his/her risk, in all respects, and the certificate of the Engineer-in-Charge as to the expense of any such removal, and the amount of the proceeds and expense of any such sale shall be final and conclusive against the contractor.

**Clause 5.** The time allowed for execution of a work as specified in the 'Schedule of Work' or in the extended time in accordance with the terms and conditions shall be the essence of the contract. Execution of work shall commence from such time period as mentioned in the said schedule, or from the date of handing over of the site to the contractor whichever is later. If the contractor commits default in commencing execution of the work as aforesaid within thirty days, without justifiable reasons included under Force Majeure or other such reasons beyond the control of the contractor, in which case to be reported within seven days by the contractor, considered valid and cogent by the Engineer-in-Charge, the Engineer-in-Charge shall after passing of thirty days from the date of scheduled commencement of work as per work order, with the prior approval of the Tender Accepting Authority, without prejudice to any other right to remedy available in law, be at liberty to apply clause 2 and subsequently clause 3 of the tender document.

**5.1** As soon as possible after the contract is executed, signed and agreed, the contractor shall submit a 'Time and Progress Chart' for each broad activity (Milestone) and get it approved by the Engineer-in-Charge. The chart shall be prepared in direct relation to the time slated in the Notice Inviting Tender (NIT) document, for completion of items or group of items of the work. It shall indicate the forecast of the dates of commencement and completion of various trades or sections of the work. This may be amended, as necessary, by an agreement between the Engineer-in-Charge and the contractor within the limitations of time imposed in the NIT document. Further, to ensure good progress during execution of work, the contractor shall in all cases, in which the time allowed for any work exceeds one month (save and except for special jobs for which a separate programme has been agreed upon) to complete the work as per defined 'Milestones' given in such 'Schedule of Work' defined clearly in the NIT itself into various 'Identifiable and quantifiable construction related stages' related with the type and nature of work, and that the 'total time allowed for completion of work' is to be broken up against achievement of those stages during the construction / progress of work to ensure a periodic monitoring of progress and enable the contractor and the Engineer-in-Charge to take corrective measures from time to time.

**5.2** If the work(s) be delayed by:

Force majeure, due to war, internal emergency and other conditions such as abnormally bad weather, flood, cyclone natural calamity or serious loss or damage by fire or civil commotion, strike or lockout affecting procurement of construction materials or any of the trades employed in the work, or any other cause which in the absolute discretion of the Engineer-in-Charge is beyond the contractor's control, then upon happening of any such event causing delay, the

contractor shall immediately give notice in writing to the Engineer-in-Charge but shall nevertheless use constantly his/her 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.

- 5.3** Request for rescheduling of 'Milestones' of various activities and extension of time, to be eligible for consideration, shall be made by the contractor in writing within fourteen days of the happening of the event causing delay in the prescribed form. The contractor may also, if practicable, indicate in such a request the period for which extension is desired.
- 5.4** If any such case the Engineer-in-Charge, with the approval of Tender Accepting Authority, may give a fair and reasonable extension of time and reschedule the activity wise 'Milestones' for completion of the work. Such extension shall be communicated to the contractor by the Engineer-in-Charge with the approval of Tender Accepting Authority in writing within maximum 1 (one) month of the date of receipt of such request.

*Final Certificate*

**Clause 6.** On completion of work, the contractor shall be furnished with a certificate by the Engineer-in-Charge of such completion, but no such certificate shall be given, nor shall the work be considered to be completed until and unless the contractor shall have removed from the work premises on which the work is executed, all scaffolding, surplus materials and rubbish, and cleaned off the dirt from wood works, doors, windows, floors, or other parts of any building, upon or about which the work is executed, or of which he may have had possession for the purpose of the execution thereof, nor until the work shall have been measured by the Engineer-in-charge whose measurements shall be binding and conclusive against the contractor. If the contractor shall fail to comply with the requirements of this clause as to removal of scaffolding, surplus materials and rubbish and cleaning off dirt on or before the date fixed for completion of the work, the Engineer-in-charge may at the expense of the contractor remove such scaffolding, surplus materials and rubbish, and dispose of the same as he/she thinks fit, and clean off such dirt as aforesaid; and the contractor shall forthwith be bound to pay the amount of all expense so incurred, and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid, except for any sum actually realized by the sale thereof.

*Payment on inter- mediate certificates to be regarded as advances*

**Clause 7.** No running account bill payment shall be normally made for works less than 30 (Thirty) percent of Tendered Value or up to Rs 25.00 lakh, whichever is less, till after the whole of the work shall have been completed and certificate of completion given. For works of tendered value above Rs 25.00 lakh, for running account bill payment, the contractor shall on submitting a bill of at least Rs 25.00 lakh there for, be entitled to receive a payment proportionate to the part thereof, approved and passed by the Engineer-in-charge, whose certificate of such approval and passing of the sum so payable shall be final and conclusive against the contractor. But all such intermediate payments shall be regarded as payments by way of advance against the final measured bill payment only and not as payments for work actually done and completed, and shall not preclude the bad, unsound, and imperfect or unskillful work which is to be removed and taken away and reconstructed, or re-erected or to be considered as an admission of the due performance of the contract, or any part thereof, in any respect, or the accruing of any claim, nor shall it conclude, determine or affect in any way the powers of the Engineer-in-charge under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise or in any other way vary or affect the contract. The final bill shall be submitted by the contractor within one month of the date fixed for completion of the work, otherwise the Engineer-in-charge's certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties.

*Bills to be submitted monthly*

**Clause 8.** Works bill shall be submitted by the contractor each month, after fulfilling above clause, on or before the date fixed by the Engineer-in-charge, for all works executed during the previous month, and the Engineer-in-charge shall take or cause to take the requisite measurement for the purpose of having the same verified, and the claim as far as admissible adjusted, if possible, before the expiry of fourteen days from the presentation of the bill. If the contractor does not submit the bill within the time fixed as aforesaid, the Engineer-in-charge may depute a Junior Engineer to measure up the said

work in presence of the contractor, whose countersignature in the measurement book will be sufficient warrant; and the Engineer-in-charge may prepare a bill from such list which shall be binding on the contractor in all respects.

Within 10 (Ten) days of completion of work, the contractor shall give notice of such completion to the Engineer-in-charge and within 14 (Fourteen) days of receipt of such notice, the Engineer-in-charge shall inspect the work, and if there is no defect in the work, he/she shall furnish to the contractor a final certificate of completion. Otherwise, a provisional certificate of physical completion indicating defects (a) to be rectified by the Contractor and/or (b) for which payment will be made at reduced rates, shall be issued. Such reduced rate is to be imposed with the approval of Superintending Engineer concerned.

**Clause 8A.** When annual repair and maintenance work is carried out, the splashes and droppings from white washing, colour washing, painting etc., on walls, floors, windows shall be removed and the surface cleaned simultaneously with the completion of these items of work in the individual rooms, quarters or premises etc. where the work is done without waiting for the actual completion of all the other items of work in the contract. In case, the contractor fails to comply with the requirements of this clause, the Engineer-in-Charge shall have the right to get this work done at the cost of the contractor either Departmentally or through any other contractor. Before taking such action, the Engineer-in-Charge shall give ten days notice in writing to the contractor.

**Clause 8B.** The Contractor shall submit completion Plan/Drawing as required in the 'General Specification' for Civil as well as Electrical Works as applicable within 30 days of completion of the work.

**Clause 9.** The Contractor shall submit all bills in printed forms, as per format prescribed by Government of West Bengal, in the office of the Engineer-in-Charge, and the charges in the bills shall always be entered at the rates specified in tender or in case of any extra work ordered in pursuance of these conditions, and not mentioned or provided for in the tender at rates thereafter provided for such work.

*Payments of contractor's bills to Banks*

**Clause 9A** (1) Payments due to the contractor may, if so desired by him/her be made to his bank through e-Pradan, details of which has to be directly furnished to the Engineer-in-charge.

While the online receipt given by such Banks shall constitute a full and sufficient discharge/acquittance for the payment, the contractor should wherever possible present his/her bills duly receipted and discharged through his/her Banker/s.

(2) In the case of bills, which the contractor presents for payment direct, and which are not endorsed in favour of the Bank, while efforts will be made to secure payment to the financing Bank, payments made to the contractor should be accepted as full acquittance so far as the Government is concerned. As a part of the arrangement, the financing Bank should give the Government a letter to this effect.

Note 1. The procedure will not affect the usual rights of the Government to deduct from contractor's bill, (whether endorsed in favour of a Bank or not) any sum due to Government of account of penalties, over-payments etc., on this or any other contract with the Governor of the State of West Bengal.

Note 2. Nothing contained herein shall operate to create in favour of the Bank any rights, claims or equities vis-à-vis the Governor.

*Stores supplied by Government*

**Clause 10.** If the specification or estimate of the work provides for use of any special description of material to be supplied by the Engineer-in-Charge, (such materials & stores and the prices to be charged there for as hereinafter mentioned being so far as practicable for the convenience of the contractor, but not so as in any way to control the meaning or effect of this contract specified in the schedule or 'Memorandum' hereto annexed), the contractor shall be supplied with such materials and stores as is required from time to time to be used by him/her for the purpose of the contract only, and the value of the full quantity of materials and stores so supplied at the rates specified in the said schedule or Memorandum may be set off or deducted from any sums then due, or thereafter to become due to the contractor under the contract, or otherwise or against or from the security deposit, or the proceeds of sale thereof; if the same is held in Government securities, the same or a sufficient portion thereof being in this case sold for

the purpose. All materials supplied to the contractor shall remain the absolute property of Government, and shall not on any account be removed from the site of the work, and shall at all times be open for inspection by the Engineer-in-charge. Any such material unused and in perfectly good condition at the time of the completion or determination of the contract shall be returned to the Engineer-in-charge's store, if by a notice in writing under his/her hand, he/she shall so require; but the contractor shall not be entitled to return any such material unless with such consent, and shall have no claim for compensation on account of any such material so supplied to him/her as aforesaid being unused by him, or for any wastage or damage to any such material.

*Work to be executed in accordance with specifications, drawings, orders, etc.*

**Clause 11.** The Contractor shall execute the whole and every part of work in the most substantial and workman like manner, and both, as regards to materials and otherwise, in every respect, in strict accordance with the specifications. The contractor shall also conform exactly, fully and faithfully to the design and drawings, and instructions in writing relating to the work signed by the Engineer-in-Charge and lodged in his/her office, to which the contractor shall be entitled to have access at such office, or on the site of the work for the purpose of inspection during office hours, and the contractor shall, if he/she so require, be entitled at his/her own expense to make or cause to be made copies of the specifications, and of all such design, drawings and instructions as aforesaid.

*Alteration in specification and designs do not invalidate contract*

**Clause 12.** The Engineer-in-Charge shall have powers to make any alteration in, omission from, addition to, or substitution for, the original specifications, drawings, designs and instructions, that may appear to him/her to be necessary or recommended by Superintending Engineer or the Chief Engineer during the progress of work, and the contractor shall be at all times be bound to carry out these works, in accordance to any instructions which may be given to him/her in writing, signed by the Engineer-in-charge, and such alterations, omissions, additions or substitutions, shall not invalidate the contract but shall be deemed to have formed a part of the work included in the original tender and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as a part of the work shall be carried out by the contractor on the same conditions in all respects on which he/she agreed to do the main work, and at the same rates, if any, may be specified in the tender for the main work. Time for the completion of the work shall be extended in the proportion that the altered, additional or substituted work bears to the original work contract, and the certificate of the Engineer-in-charge shall be conclusive as to such proportion. And, if the altered, additional or substituted work includes any class of work, for which no rate is specified in the contract, then such class of work shall be carried out at the rates entered in the schedule of rates of concerned Works Department applicable in the district, which was in force at the time of acceptance of the contract, minus/plus the percentage which the total tendered amount bears to the estimated cost of the entire work put to tender; and if the altered, additional or substituted work is not entered in the said schedule of rates, payment thereof shall be made by the Engineer-in-charge by determining the rates on analysis worked out from (a) the basic rates of materials and labour provided in the aforesaid schedule of rates, or (b) the current market rates of materials and labour when even basic rates for the work are not available in the schedule. In cases when such rates are determined on analysis by the Engineer-in-charge under (a) above, the stipulated percentage above or below schedule of rates as provided in the contract shall also apply, and in case of rates worked out on analysis under (b) above, payment shall be made at the rates so determined without application of the said stipulated percentage. In the event of any dispute regarding rates determined on analysis for any altered, additional or substituted work under this clause, the decision of the Superintending Engineer shall be final and binding.

*Rates for works not in tender BOQ/SoR*

*No compensation for alteration in or restriction of work to be carried out.*

**Clause 13.** If at any time after the commencement of the work the Governor shall for any reason whatsoever not require the whole thereof as specified in the tender to be carried out, the Engineer-in-charge shall give notice in writing of the fact to the contractor, who shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might have derived from execution of the work in full, but which he/she did not derive in consequence of the full amount of the work not having been carried out; neither shall he/she have any claim for compensation by reason of any alterations having been made in the original specifications, drawings, designs and instructions which shall involve any curtailment of the work as originally contemplated.



*Action and compensation payable in case of bad work*

**Clause 14.** If it shall appear to the Engineer-in-charge or his/her subordinate engineer in-charge of the work, that any work has been executed with unsound, imperfect, or unskillful workmanship, or with materials of any inferior description, or that any materials or articles provided by the Contractor, for the execution of the work are unsound, or of a quality inferior to that contracted for, or otherwise not in accordance with the contract, the contractor shall on demand in writing from the Engineer-in-charge specifying the work, materials or articles complained of notwithstanding that the same may have been inadvertently passed, certified and paid for, forthwith rectify or remove and re-construct 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/her own proper charge and cost; and in the event of his failing to do so within a period to be specified by the Engineer-in-charge in his/her demand aforesaid, then the contractor shall be liable to pay compensation at the rate of one percent on the amount of the estimate put to tender / on up to date executed work value for every day not exceeding ten days, while his/her failure to do so shall continue and in the case of any such failure, the Engineer-in-charge may rectify or remove, and re-execute the work or remove and replace with others, the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor.

*Work to be open to inspection*

**Clause 15.** All work under or in course of execution or executed in pursuance of the contract shall at all times be open to inspection and supervision of the Engineer-in-Charge and all his/her subordinates and also higher Officers / Authority of the Government and the contractor shall at all times during the normal working hours, and at all other times at which reasonable notice of the intention of the Engineer-in-charge or his/her subordinates to visit the work site shall have been given to the contractor, either himself/herself be present to receive orders and instructions, or have a responsible agent duly accredited in writing present for that purpose. Orders given to the contractor's agent shall be considered to have the same force as if it had been given to the contractor himself/herself.

*Contractor or his/her responsible agent to be present*

*Notice to be given before work is covered up*

**Clause 16.** The Contractor shall give, not less than five days notice in writing to the Engineer-in-charge or his/her subordinate in-charge of the work, before covering up or otherwise placing beyond the reach of measurement any work, in order that the same is so covered up or placed beyond the reach of measurement, and shall not cover up or place beyond the reach of measurement any work without the consent in writing of the Engineer-in-charge or his/her subordinate, in-charge of the work; and if any work shall be covered up or placed beyond the reach of measurement without such notice having been given or consent obtained, the same shall be uncovered at the contractor's expense, or, in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.

*Contractor liable for damage done and for imperfections for 180 days after certificate*

**Clause 17.** If the Contractor or his/her workers or authorized representatives shall break, deface, injure or destroy any part of the structure in which they may be working or any building, road, road curbs, fence, canals, water pipes, cables, drains, electric or telephone posts or wires, trees, grass or grassland or cultivated ground 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 from any cause whatever or any imperfections become apparent in it at any time, whether during its execution or within a period of six months after issuance of a certificate of its completion by the Engineer-in-Charge, the contractor shall make the same good at his/her own expense, or in default, the Engineer-in-Charge may cause the same to be made good by other workers, and deduct the expenses (of which the certificate of the Engineer-in-Charge shall be final and binding) from any sums, whether under the contract or otherwise, that may be then, or at any time thereafter become due to the contractor by the Government or from his/her security deposit, or the proceeds of sale thereof, or of a sufficient portion thereof, and if the cost in the opinion of the Engineer-in-Charge whose opinion shall be final and conclusive against the contractor, making such damage or imperfections good shall exceed the amount of such security deposit and/or such sums, it shall be lawful for the Government to recover the excess costs from the contractor in accordance with the procedure prescribed by any law for the time being in force.

**Clause 17A.** The Contractor shall also supply without charge the requisite number of persons with the means and materials necessary for the purpose of setting out works, and counting, weighing, assisting in the joint measurement or examination at any time and from time to time of the work or materials. Failing his/her so doing the same may be

provided by the Engineer-in-Charge at the expense of the Contractor and the expenses may be deducted from any money due to the contractor under the contract or from his/her Security Deposit or the proceeds of sales thereof or of a sufficient portion thereof. The Contractor shall also provide all necessary fencing / barricading / providing caution boards etc. and light required to protect the public from accident, and shall be bound to bear the expenses of defence of every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damage and costs which may be awarded in such suit, actions or proceedings to any such persons or which may with the consent of the Contractor be paid to compromise any claim by any such persons.

**Clause 18A.** In every case in which by virtue of the provisions under sub-section (1) of Section 12, of the Workmen's Compensation Act, 1923, the implementing Department is obliged to pay compensation to a workman employed by the contractor, in execution of the works. The implementing Department will recover from the Contractor the amount of compensation so paid; and without prejudice to the rights of the Department under sub-section (2) of section 12, of the said Act, implementing Department shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by implementing Department to the Contractor whether under this contract or otherwise. The implementing Department shall not be bound to contest any claim made against it under sub-section (1) Section 12, of the said Act, except on the written request of the contractor and upon his/her giving to the implementing Department full security for all costs for which the Department might become liable in consequence of contesting such claims.

**Clause 18B.** In every case in which by virtue of the provisions under 'The Contract Labour (Regulation & Abolition) Act 1970', and its amendments and rules, the implementing Department is obliged to pay amount of wages to a workman employed by the Contractor in execution of the works, or to incur any expenditure in providing welfare and health amenities required to be provided under the above said Act and the rules framed by Government from time to time for the protection of health and sanitary arrangements for workers employed by Contractors, executing Department will recover from the Contractor, the amount of wages so paid or the amount of expenditure so incurred; and without prejudice to the rights of the executing Department under sub-section(2) of Section 20, and sub-section (4) of Section 21, of the Contract Labour (Regulation and Abolition) Act, 1970, executing Department shall be at liberty to recover such amount or any part thereof by deducting it form the security deposit or from any sum due by Executing Department to the Contractor whether under this contract or otherwise and the executing Department shall not be bound to contest any claim made against it under sub-section (1) of Section 20, sub-section (4) of section 21, of the said Act, except on the written request of the Contactor and upon his/her giving to the implementing Department full security for all costs for which the Department might become liable in contesting such claim.

**Clause 19.** The Contractor shall obtain a valid license under the Contract Labour (Regulation and Abolition) Act, 1970, before the commencement of the work, and continue to have valid licenses until the completion of the work. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986, Fatal Accident Act, 1855, Personal Injuries (Compensation Insurance) Act, 1970.

The Contractor shall also comply with the provisions of the 'Building and Other Construction Workers (Regulation of Employment & Conditions of Service) Act, 1996' and 'The Building and Other Construction Workers Welfare Cess Act, 1996'. Failure to fulfill these requirements shall attract penal provisions of the contract, arising out of the resultant non-implementation of such provisions.

*Labour*

**Clause 19A.** No labour/s below the age of eighteen years shall be employed in the work and the contractor shall abide by the provisions of the Child Labour (Prohibition & Regulation) Act, 1986. Employment of female labour/s in works in the neighborhoods of sensitive barracks should be avoided as far as possible.

*Payment of  
minimum  
Wages to  
Labour*

**Clause 19B.** The Contractor shall pay to labours employed by him/her either directly or through Sub-Contractors, wages not less than fair wages as defined by the Labour Commissioner of the State Government under 'Minimum Wages Act, 1948', Contractor's Labour Regulations or as per the provisions of the Contract Labour (Regulation and



Abolition) Act, 1970, wherever applicable.

The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wage to labour indirectly engaged on the work, including any labour engaged by his sub-contractors in connection with the said work, as if the labour had been immediately employed by him/her.

In respect of all labourers directly or indirectly employed in the works for performance of the Contractor's part of the contract, the contractor shall comply with or cause to be complied with the contractor's Labour Regulations made by the State Government/ Government of India, from time to time in regard to payment of wages, wage period, deductions from wages, recovery of wages not paid and deductions made without authority, maintenance of wage books or wage slips, publication of scale of wage and other terms of employment, inspection and submission of periodical returns and all other matters likewise in nature or as per the provisions of the Contract Labour (Regulation and Abolition) Act, 1970, and the Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979, Minimum Wages Act, 1948, wherever applicable.

- a) The Engineer-in-Charge concerned shall have the right to deduct from the money due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfillment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his/her/their wages which are not justified by their terms of the contract or non-observance of the regulations.
- b) Under the provision of Weekly Holidays Act, 1986, the contractor is bound to allow to the labours, directly or indirectly employed in the work, one day rest for 6 days of continuous work, and pay wages at the same rate as for duty. In the event of default, the Engineer-in-charge shall have the right to deduct the sum or sums not paid on account of wages for weekly holidays to any labour and pay the same to the persons entitled thereto from any money due to the contractor by the Engineer-in-charge concerned.

The contractor shall also comply with the provisions of the 'Employees Liability Act, 2008', Workmen's Compensation Act and 'Maternity Benefits Act' or the amendments thereof or any other law relating thereto, and the rules made there under from time to time.

The Contractor shall indemnify and keep indemnified the implementing Department against payments to be made under and for the observance of the laws aforesaid and PW Contractor's Labour Regulations without prejudice to this right to claim indemnity from his/her sub-contractors.

The laws aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract.

Whatever is the minimum wage for the time being, or if the wage payable is higher than minimum wage, such wage shall be paid by the contractor to the workers directly without the intervention of any Dafadar, and that Dafadar shall not be entitled to deduct or recover any amount from the minimum wage payable to the workers as and by way of commission or otherwise.

The contractor shall ensure that no amount by way of commission or otherwise is deducted or recovered by the Dafadar from the wage of workers.

**Clause 19C.** In respect of all labours directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall at his/her own expenses, arrange for the safety provisions as framed from time to time by the competent authority, and shall at his/her own expense provide all facilities in connection therewith. In case the contractor fails to make arrangement, and fail to provide necessary facilities as aforesaid, he/she shall be liable to pay a penalty of Rs. 2000/- for each default, and in addition the Engineer-in-Charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the costs incurred in their behalf, from the contractor.

**Clause 19D.** For the works above Rs. 2.0 crore, the Contractor shall submit by the 4th and 19th of every month to the Engineer-in-charge, a true statement showing in respect of the second half of the preceding month and the first half of the current month respectively-

The number of labourers employed by him/her on the work, their working hours, and the

wages paid to them;

Accidents that had occurred during the said fortnight showing the circumstances under which it had happened, and the extent of damage and injury caused by them, and the number of female workers who have been allowed maternity benefits according to Clause 19F of the contract and the amount paid to them;

Failing which the contractor shall be liable to pay to the Department, a sum not exceeding Rs. 2000/- for each default or materially incorrect statement. The decision of the Engineer-in-charge shall be final in deducting from any bill due to the contractor; the amount levied as fine and would be binding on the contractor.

**Clause 19E.** In respect of all labours directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall comply with or cause to be complied with all the rules framed by the Government from time to time for the protection of health and sanitary arrangements of workers employed by the contractor.

**Clause 19F.** In the event of the contractor(s) committing a default or breach of any of the provisions of the Contractor's Labour Regulations and Rules for the protection of health and sanitary arrangement for the workers as amended from time to time or furnishing any information or submitting or filing any statement under the provisions of the above Regulations and Rules which is materially incorrect, he/she shall, without prejudice to any other liability, pay to the Department a sum not exceeding Rs. 2000/- for every default, breach or furnishing, making, submitting, filing such materially incorrect statements and in the event of the contractors defaulting continuously in this respect, the penalty may be enhanced to Rs. 200/- per day for each day of default subject to a maximum of five per cent of the tendered value. The decision of the Engineer-in-charge shall be final and binding on the parties.

Should it appear to the Engineer-in-charge that the contractor(s) is/are not properly observing and complying to the provisions of the Contractor's Labour Regulations and Rules, The Minimum Wages Act, 1948 and Contract Labour (Regulation and Abolition) Act 1970, for the protection of health and sanitary arrangements for work-people employed by the contractor(s) (hereinafter referred as 'the said Rules') the Engineer-in-charge shall have the power to give notice in writing to the contractor(s) requiring that the said Rules be complied with and the amenities prescribed therein be provided to the work-people within a reasonable time to be specified in the notice. If the contractor(s) shall fail within the period specified in the notice to comply with and/or observe the said Rules and to provide the amenities to the work-people as aforesaid, the Engineer-in-charge shall have the power to provide the amenities herein before mentioned at the cost of the contractor(s). The contractor(s) shall erect, make and maintain at his/her own expense and to approved standards all necessary hutments and sanitary arrangements required for his/her/their work-people on the site in connection with the execution of the works, and if the same shall not have been erected or constructed, according to approved standards, the Engineer-in-charge shall have power to give notice in writing to the contractor(s) requiring that the said hutments and sanitary arrangements be remodeled and/or reconstruct such hutments and sanitary arrangements according to approved standards, and if the contractor(s) shall fail to remodel or reconstruct such hutments and sanitary arrangements according to approved standards within the period specified in the notice, the Engineer-in-charge shall have the power to remodel or reconstruct such hutments and sanitary arrangements according to approved standards at the cost of the contractor(s).

**Clause 19G.** The contractor shall comply with all the provisions of The Minimum Wages Act, 1948, Contract Labour (Regulation and Abolition) Act, 1970, Employees Liability Act, Industrial Dispute Act and Maternity Benefit Act, 1961, as amended from time to time and rules framed thereunder and other labour laws affecting contract labour that may be brought into force by the appropriate authority from time to time.

**Clause 19H.** The Engineer-in-charge may require the contractor to remove from the site of work, any person or persons engaged/assigned or employed by the contractors upon the work who may be determined as insane or incompetent or misconducts himself/herself, and the contractor shall forthwith comply with such requirements.

**Clause 19I.** It shall be the responsibility of the contractor to see that the

building/structure under construction is not occupied by anybody unauthorized during construction, and is handed over to the Engineer-in-charge with vacant possession free from encumbrances in entirety, If such buildings/structures through completed is occupied illegally, then the Engineer-in-Charge shall have the option to refuse to accept the said building/structure in that position. Any delay in acceptance on this account will be treated as the delay in completion and for such delay a levy up to 5% of tendered value of work may be imposed by the Engineer-in-charge whose decision shall be final both with regard to the justification and quantum and shall be binding on the contractor.

However, the Engineer-in-charge, through a notice, may require the contractor to remove the illegal occupations, any time on or before construction and delivery.

*Work on Sundays*

**Clause 20.** No work shall be done on Sundays without the prior sanction of the Engineer-in-charge.

*Work not to be sublet. Contract may be rescinded and security deposit forfeited for subletting, bribing, or if contractor becomes insolvent*

**Clause 21.** The contract shall not be assigned or sublet without specific orders from Government in respect of a specified sub-contractor. And if the contractor shall assign or sublet his contract, or attempt so to do, or become insolvent or commence any in insolvency proceedings or make any composition with his creditor, or attempt to do so, or if any bribe, gratuity, gift, loan, perquisite, reward or advantage, pecuniary or otherwise, shall either directly or indirectly be given, promised, or offered by the contractor, or any of his servants or agents to any public officer or person in the employ of Government in any way relating to his office of employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Divisional Officer may thereupon by notice in writing rescind the contract, and the security deposit of the contractor shall thereupon stand forfeited and be absolutely at the disposal of Government and the same consequences shall ensure as if the contract had been rescinded under the Clause 3 hereof, and in addition the contractor shall not be entitled to recover or be paid for any work there for actually performed under the contract.

*Sum payable as compensation to be considered as reasonable without reference to actual loss*

**Clause 22.** All sums payable by way of compensation under any of these conditions shall be considered as reasonable compensation to be applied to the use of Government without reference to the actual loss or damage sustained and whether or not any damage shall have been sustained.

*Changes in constitution of firm*

**Clause 23.** Where the contractor is a partnership firm or a consortium, prior approval in writing of the Engineer-in-Charge shall be obtained for any change made in the constitution of the firm/consortium. Where the contractor is an individual or a Hindu Undivided Family (HUF) business concern, such approval as aforesaid shall likewise be obtained, before the contractor enters into any partnership agreement/Memorandum of Articles whereunder the partnership firm/ consortium would have the right to carry out the works hereby undertaken by the contractor. If previous approval as aforesaid is not obtained, the contract is liable to be rescinded.

*Works to be under direction of Engineer-in-Charge*

**Clause 24.** All works to be executed under the contract shall be executed under the direction of Engineer-in-Charge. Further instructions/advices, if felt necessary by Superintending Engineer/ Chief Engineer, shall also be binding to be communicated by the Engineer-in-Charge.

*Settlement of disputes - Dispute Redressal Committee'*

**Clause 25. Settlement of Disputes and Arbitration:**

Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions hereinbefore mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever, in any way arising out of or relating to the contracts, designs, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the executions or failure to execute the same, whether arising during the progress of the work, or after the completion or abandonment thereof shall be dealt with as mentioned hereinafter:

If the contractor considers any work demanded of him/her to be outside the requirements of the contract, or disputes any drawings, record or decision given in writing by the Engineer-in-Charge or any matter in connection with or arising out of the contract or carrying out of the work to be unacceptable, he/she shall promptly within 15 days request the Chairman of the Departmental Dispute Redressal Committee, in writing, for

written instruction or decision. Thereupon, the Dispute Redressal Committee shall give its written instruction or decision within a period of three months from the date of receipt of the Contractor's letter.

The Dispute Redressal Committee in each of the Works Departments shall be constituted with the following officials as Members:

1	Secretary / Engineer-in-Chief of the Department concerned	Chairman
2	Joint Secretary / Deputy Secretary / any Officer of equivalent rank of the Department	Member
3	One Designated Chief Engineer / Engineer of the Department to be nominated by the Department concerned.	Member Secretary and Convenor
4	One representative of Finance Department of the Government not below the rank of Joint Secretary or Financial Advisor in case of the Works Department where FA system has been introduced.	Member

This provisions will be applicable irrespective of the value of the works to which the dispute may relate.

**Clause 26.** The contractor shall fully indemnify and keep indemnified the implementing Department against any action, claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claims made under or action brought against implementing Department in respect of any such matter as aforesaid, the contractor shall be immediately notified thereof by the implementing Department and the contractor shall be at liberty, at his/ her own expense, to settle any dispute or to conduct any litigation that may arise therefrom, provided that the contractor shall not be liable to indemnify the implementing Department if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed by the Engineer-in-Charge this behalf.

*Lump sum as in estimates*

**Clause 27.** When the estimate on which the tender is made includes lump sums in respect of parts of the work, the contractor shall be entitled to payment in respect of the items of works involved or the part of the work in question at the same rates as are payable under this contract for such items, or if the part of the work in question is not, in the opinion of the Engineer-in-charge, capable of measurement, certificate in writing of the Engineer-in-charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of this clause.

*Action where no specification*

**Clause 28.** In the case of any class of work for which there is no such specifications as referred to under Clause 11, such work shall be carried out in accordance with the latest Bureau of Indian Standards (BIS) specifications. In case there are no such specifications in Bureau of Indian Standards, the work shall be carried out as per reputed manufacturer's specifications if accepted by the Engineer-in-Charge. If not available, then as per State Government / Union Government accepted and approved specifications. In case there are no such specifications as required above, the work shall be carried out in all respects in accordance with the instructions and requirements of the Engineer-in-Charge which is approved by the Tender Accepting Authority.

*Definition of works*

**Clause 29.** The expression "works" or "work" where used in these conditions shall, unless there be something either in the subject or context repugnant to such construction, be constructed and taken to mean the works by or by virtue of the contract constructed to be executed, whether temporary or permanent and whether original, altered, substituted or additional.

**Clause 30.** The Contractor(s) shall at his/their own cost provide his/their labour with hutting on an approved site, and shall make arrangements for conservancy and sanitation in the labour camp to the satisfaction of the local Public Health and Medical Authorities. He/they shall also at his/their own cost make arrangements for the laying

of pipe lines for water supply to his/their labour camp from the existing mains wherever available, and shall pay all fees, charges and expenses in connection with there and incidental thereto.

**Clause 31.** The contractor(s) shall make his/their own arrangements for water required for the work and nothing extra will be paid for the same. This will be subject to the following conditions:-

- i) That the water used by the contractor(s) shall be fit for construction purposes to the satisfaction of the Engineer-in-charge;
- ii) The Engineer-in-Charge shall make alternative arrangements for supply of water at the risk and cost of contractor(s) if the arrangements made by the contractor(s) for procurement of water are, in the opinion of the Engineer-in-Charge, unsatisfactory.

**Clause 32.** The contractor undertakes to make arrangement for the supervision of the work by the firm supplying the construction materials. The Contractor shall collect the total quantity of materials as per approved programme required for the work as per approved programme, before the work is started and shall hypothecate it to the Engineer-in-Charge. If any material remains unused on completion of the work on account of lesser use of materials in actual execution for reasons other than authorized changes of specifications and abandonment of portion of work, a corresponding deduction equivalent to the cost of unused materials as determined by the Engineer-in-Charge shall be made and the material returned to the contractor. Although the materials are hypothecated to Institute, the contractor undertakes the responsibility for their proper watch, safe custody and protection against all risks. The materials shall not be removed from site of work without the consent of the Engineer-in-Charge in writing.

The contractor shall be responsible for rectifying defects noticed within Defect Liability Period from the date of completion of the work and the portion of the security deposit relating to work shall be refunded after the expiry of Defect Liability Period.

**Clause 33.** The contractor shall provide all necessary superintendence during execution of the work and as long thereafter as may be necessary for proper fulfilling of the obligations under the contract.

*Contractors  
Superintendence,  
Supervision,  
Technical Staff &  
Employees*

The contractor shall immediately after receiving letter of acceptance of the tender and before commencement of the work, intimate in writing to the Engineer-in-Charge, the name(s), qualifications, experience, age, address(es) and other particulars along with certificates, of the principal technical representative to be in charge of the work and other technical representative(s) who will be supervising the work. The Engineer-in-Charge shall within 3 days of receipt of such communication intimate in writing his/her approval or otherwise of such representative(s) to the contractor. Any such approval may at any time be withdrawn and in case of such withdrawal, the contractor shall appoint another such representative according to the provisions of this clause. Decision of the tender accepting authority shall be final and binding on the contractor in this respect. Such a principal technical representative shall be appointed by the contractor soon after receipt of the approval from the Engineer-in-Charge and shall be available at site before start of work.

If the contractor (or any partner in case of firm/company) himself/herself has such qualifications, it will not be necessary for the said contractor to appoint such a principal technical representative but the contractor shall designate and appoint a responsible agent to represent him and to be present at the work whenever the contractor is not in a position to be so present. All the provisions applicable to the principal technical representative under the clause will also be applicable in such a case to the contractor or his responsible agent. The principal technical representative and/or the contractor shall on receiving reasonable notice from the Engineer-in-Charge or his designated representative(s) in charge of the work in writing or in person or otherwise, present himself/herself to the Engineer-in-Charge and/or at the site of work, as required, to take instructions. Instructions given to the principal technical representative or the responsible agent shall be deemed to have the same force as if these have been given to the contractor. The principal technical representative and/or the contractor or his/her responsible authorized agent shall be actually available at site especially during important stages of execution of work, during recording of measurement of works and whenever so required by the Engineer-in-Charge by a notice as aforesaid and shall also note down instructions conveyed by the Engineer-in-Charge or his/her designated representative in the site order



book and shall affix his signature in token of noting down the instructions and in token of acceptance of measurements.

If the Engineer-in-Charge, whose decision in this respect is final and binding on the contractor, is convinced that no such technical representative(s) is/are effectively appointed or is/are effectively attending or fulfilling the provision of this clause, a recovery (non-refundable) shall be effected from the contractor as specified in Schedule and the decision of the Engineer-in-Charge as recorded in the site order book and measurement recorded checked / test checked in Measurement Books shall be final and binding on the contractor. Further if the contractor fails to appoint a suitable technical representative and/or other technical representative(s) and if such appointed persons are not effectively present or are absent by more than two days without duly approved substitute or do not discharge their responsibilities satisfactorily, the Engineer-in-Charge shall have full powers to suspend the execution of the work until such date as suitable other technical representative(s) is/are appointed and the contractor shall be held responsible for the delay so caused to the work. The contractor shall submit a certificate of employment of the technical representative(s) along with every running account bill / final bill and shall produce evidence if at any time so required by the Engineer-in-Charge.

The contractor shall provide and employ on the site only such technical assistants as are skilled and experienced in their respective fields and such foremen and supervisory staff as are competent to give proper supervision to the work.

The contractor shall provide and employ skilled, semi-skilled and unskilled labour as is necessary for proper and timely execution of the work.

The Engineer-in-Charge shall be at liberty to object to and require the contractor to remove from the works any person who, in his opinion, misconducts himself, or is incompetent or negligent in the performance of his duties or whose employment is otherwise considered by the Engineer-in-Charge to be undesirable. Such person shall not be employed again at works site without the written permission of the Engineer-in-Charge and the persons so removed shall be replaced as soon as possible by competent substitutes.

**Clause 34. "Levy / Taxes Payable by Contractor"**

- (i) GST, Building and other Construction Workers' Welfare Cess or any other tax or Cess in respect of this contract shall be payable by the Contractor and Engineer-in-Charge shall not entertain any claim whatsoever in this respect.
- (ii) The contractor shall deposit Government Royalty and obtain necessary permit for supply of the sand, stone chips, red bajri, sand stone, river bed materials etc. from local authorities, if those are directly procured from quarry sites.

In case materials are procured from secondary sources, certificates of quarry owners to the effect of payment of royalties and Cess would have to be furnished. In absence of such certificates towards payment of Royalties and Cess such components shall be deducted from the contractor's bills at prescribed rates and deposited through 'GRIPS' portal or otherwise, in the designated Government Treasuries/PAO.

If pursuant to or under any law, notification or order, any Royalty, Cess or the like becomes payable by the implementing Department and does not at any time become payable by the contractor to the State Government/Local appropriate authorities in respect of any material used by the contractor in the works then in such a case, it shall be lawful to the Department and it will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from dues of the contractor.

**Clause 35.**

- (i) All tendered rates shall be inclusive of statutory taxes and levies payable under respective statutes. However, if any further tax or cess is imposed by Statute, after the last stipulated date for the receipt of tender including extensions if any and the contractor thereupon necessarily and properly pays such taxes/levies/cess, the contractor shall be reimbursed the amount so paid. Provided such payments, if any, is not, in the opinion of the Engineer-in-charge (whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor.
- (ii) The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorized representative of the Department and/or the Engineer-in-Charge

and further shall furnish such other information/document as the Engineer-in-Charge may require from time to time.

- (iii) The contractor shall, within a period of 30 days of the imposition of any such further tax or levy or cess, give a written notice thereof to the Engineer-in-Charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

**Clause 36.** Without prejudice to any of the rights or remedies under this contract, if the contractor dies, the Engineer-in-charge shall have the option of terminating the contract without compensation to the contractor, but would be liable to clear full dues and claims on work done to his/her legal successor/s.

**Clause 37.** The contractor shall not be permitted to tender for works in which his near relative is posted as in any capacity between the grades of the Executive Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him/her in any capacity or are subsequently employed by him/her and who are near relatives to any Official in the Institute. Any breach of this condition by the contractor would render him/her liable to be removed from the approved list of contractors of the Department. If however the contractor is registered in any other Department, he/she shall be debarred from tendering in the Department for any breach of this condition.

NOTE: By the term "near relatives" is meant wife, husband, own parents and grandparents, own children and grandchildren, own brothers and sisters, own uncles, aunts and first cousins and their corresponding in-laws.

**Clause 38.** No engineer of Gazetted Rank or other Gazetted Officer employed in engineering or administrative duties in the Government shall work as a contractor or employee of a contractor for a period of one year after his/her retirement from Government service without the previous permission of Government in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of Government as aforesaid, before submission of the tender or engagement in the contractor's service, as the case may be.

**Clause 39.** The work (whether fully constructed or not) and all materials, machines, tools and plants, scaffolding, temporary buildings and other things connected therewith shall be at the risk of the contractor until the work has been delivered to the Engineer-in-Charge and a certificate from him/her to that effect obtained. In the event of the work or any materials properly brought to the site for incorporation in the work being damaged or destroyed in consequence of hostilities or warlike operation, the contractor shall when ordered (in writing) by the Engineer-in-Charge to remove any debris from the site, collect and properly stack or remove in store all serviceable materials salvaged from the damaged work and shall be paid at the contract rates in accordance with the provision of this agreement for the work of clearing the site of debris, stacking or removal of serviceable material and for reconstruction of all works ordered by the Engineer-in-Charge, such payments being in addition to compensation up to the value of the work originally executed before being damaged or destroyed and not paid for. In case of works damaged or destroyed but not already measured and paid for, the compensation shall be assessed by the Engineer-in-Charge concerned. The contractor shall be paid for the damages/destruction suffered and for the restoring the material at the rate based on analysis of rates tendered for in accordance with the provision of the contract. The certificate of the Engineer-in-Charge regarding the quality and quantity of materials and the purpose for which they were collected shall be final and binding on all parties to this contract.

Provided always that no compensation shall be payable for any loss in consequence of hostilities or warlike operations (a) unless the contractor had taken all such precautions against air raid as are deemed necessary by the Air Force Officers or the Engineer-in-Charge (b) for any material etc. not on the site of the work or for any tools, plant, machinery, scaffolding, temporary building and other things not intended for the work.

In the event of the contractor having to carry out reconstruction as aforesaid, he/she shall be allowed such extension of time for its completion as is considered reasonable by the Engineer-in-charge.

**Clause 40.** The contractor shall comply with the provisions of the Apprentices Act, 1961 and the Apprenticeship Rules, 1992 and orders issued thereunder from time to time. If



he/she fails to do so, his/her failure will be a breach of the contract and the Engineer-in-Charge may, in his/her discretion, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him/her of the provisions of the said Act.

**Clause 41. Procedure For Suspension and Debarment of Supplier, Contractors and Consultants**

The procedure as laid down below shall govern the suspension/debarment of Suppliers/Contractors/Consultants (Contractors for brevity) involved in Government procurement for offences or violations committed during competitive bidding and contract implementation, for the works under different Departments of Government of West Bengal.

Grounds for Suspension and Debarment:-

- (1) Submission of eligibility requirements containing false information or falsified documents.
- (2) Submission of Bids that contain false information or falsified documents, or the concealment of such information in the Bids in order to influence the outcome of eligibility screening or any other stage of the bidding process.
- (3) Unauthorized use of one's name/digital signature certificate for the purpose of bidding process.
- (4) Any documented unsolicited attempt by a bidder **(A Person/Contractor/Agency /Joint Venture/Consortium/Corporation participating in the procurement process and/or a person / Contractor / Agency / Joint Venture / Consortium / Corporation having an agreement/contract for any procurement with the department shall be referred as Bidder)** unduly influencing the outcome of the bidding in his favour.
- (5) Refusal or failure to post a self-declaration to the effect of any previous debarment imposed by any other department of State Government and/or Central Government.
- (6) All other acts that tend to defeat the purpose of the competitive bidding such as lodging false complain about any Bidder, lodging false complain about any Officer duly authorized by the Department, restraining any interested bidder to participate in the bidding process, etc.
- (7) Assignment and subcontracting of the contract or any part thereof without prior written approval of the procuring entity.
- (8) Whenever adverse reports related to adverse performance, misbehaviour, direct or indirect involvement in threatening, making false complaints etc. damaging the reputation of the department or any other type complaint considered fit by the competent authority of the department, are received from more than one Officer or on more than one occasion from individual Officer.
- (9) Refusal or failure to post the required performance security / earnest money within the prescribed time without justifiable cause.
- (10) Failure in deployment of Technical Personnel, Engineers and/or Work Supervisor having requisite license / supervisor certificate of competency as specified in the contract.
- (11) Refusal to accept an award after issuance of "Letter of Acceptance" or enter into contract with the Government without justifiable cause.
- (12) Failure of the Contractor, due solely to his fault or negligence, to mobilize and start work or performance within the specified period as mentioned in the "Letter of Acceptance", "Letter of Acceptance cum Work Order", "Work Order", "Notice to Proceed", "Award of Contract", etc.
- (13) Failure by the Contractor to fully and faithfully comply with its contractual obligations without valid cause, or failure by the Contractor to comply with any written lawful instruction of the Procuring Entity/Authority (the Officer authorized by the Administrative Department, Government of West Bengal for procurement) or its representative(s) pursuant to the implementation of the Contract.
- (14) For the procurement of Consultancy Service/Contracts, poor performance by the Consultant of his services arising from his fault or negligence. Any of the following acts by the Consultant shall be construed as poor performance.
  - (i) Non deployment of competent technical personnel, competent Engineers and/or work supervisors;
  - (ii) Non-deployment of committed equipment, facilities, support staff and manpower;
  - (iii) Defective design resulting in substantial corrective works in design and/or construction;

- (iv) Failure to deliver critical outputs due to consultant's fault or negligence;
  - (v) Specifying materials which are inappropriate and substandard or way above acceptable standards leading to high procurement cost;
  - (vi) Allowing defective workmanship or works by the Contractor being supervised by the Consultant.
- (15) For the procurement of goods, unsatisfactory progress in the delivery of the goods by the manufacturer, supplier, or distributor arising from his fault or negligence and/or unsatisfactory or inferior quality of goods, vis-à-vis as laid down in the contract.
- (16) Willful or deliberate abandonment or non-performance of the project or Contract by the Contractor resulting in substantial breach thereof without lawful and/or just cause.

**CATEGORY OF OFFENCE :-**

- (A) First degree of offence: 1 to 16 of the above Clause-41 to be considered as First degree of offence.
- (B) Second degree of offence: Any one of the offences as mentioned under 'A' above, committed by a particular Bidder/Contractor/Supplier on more than one occasion, be considered as Second degree of offence.

**In addition to the penalty of suspension/debarment, the bid security / earnest money posted by the concerned Bidder or prospective Bidder shall also be forfeited.**

**PENALTY FOR OFFENCE :-**

- (I) For committing First degree of offence: Disqualifying a Bidder from participating in any procurement process under the Administrative Department of Government of West Bengal up to 2 (two) years.
- (II) For committing Second degree of offence: Disqualifying a Bidder from participating in any procurement process under the Administrative Department of Government of West Bengal up to 3 (three) years.

**PROCEDURE OF SUSPENSION AND DEBARMENT DURING THE PROCUREMENT PROCESS**

- (1) Initiation of Action, Notification and Hearings:  
Any Bidder or procurement authority on his own or based on any other information made available to him may invite the process of suspension/debarment proceedings by filing a written application with the **Bid Evaluation Committee** and such filing of written application has to be done within forty eight hours from the date and time of publication of the result of technical evaluation of any bid.
- (a) Upon verification of the existence of grounds for suspension/debarment, the Chairperson of **Bid Evaluation Committee** shall immediately notify the bidder concerned either electronically through his registered e-mail or in writing to his postal address, advising him that:
- i) A complaint has been filed against him and prima facie material has been found, which may lead to suspension/debarment.
  - ii) He has been recommended to be placed under suspension/debarment by the suspension committee (as constituted by the respective Administrative Department) stating the ground for such.
  - iii) The said bidder, within three days from the date of issue of such notification by the Bid Evaluation Committee, may approach the Chairperson of Suspension Committee by submitting all required documents in his favour for hearing. Any application made thereafter would not be entertained.
- Such notice should contain the e-mail id and the postal address of the Chairperson of the Suspension Committee.
- (b) After receiving the recommendation for suspension from Bid Evaluation Committee, Suspension Committee shall issue a notice to the alleged bidder electronically through his registered e-mail id, to submit all relevant documents in support of his defense within three working days after issuance of the notice of the Suspension Committee. The Suspension Committee will conduct the hearing within seven working days from the date of receipt of the documents from the alleged bidder. If no appeal has been received from the alleged bidder or if after hearing sufficient ground for suspension is found, the Suspension Committee, will suspend the alleged bidder from participating in the procurement process under the Administrative Department for a period of six months from the date of issuance of suspension order. The Chairperson of the

Suspension Committee shall issue the suspension order within seven days from the last date of hearing and shall notify the bidder concerned either electronically through his registered e-mail id or in writing to his postal address. The Chairperson of Suspension Committee shall also inform the decision to all concerned.

If sufficient reason for suspension is not found, the Suspension Committee would reject the recommendation of Bid Evaluation Committee and would allow the bidder to take part in the tendering process.

If the bidder is suspended, the Suspension Committee would recommend debarment of the bidder and forward the case with all documents to the Debarment Committee for further action.

- (c) The Debarment Committee upon receipt of the recommendation of the Suspension Committee shall scrutinize the documents. The Debarment Committee will hold a hearing of the alleged bidder and issue necessary order within ten working days from the last date of hearing. The Debarment Committee, if satisfied after hearing, shall forward the case to the Department for orders of Debarment. The Department in due course will issue Debarment Order disqualifying/prohibiting the erring bidder from participating in the bidding/procurement of all projects under the Administrative Department for a specified period. The alleged bidder shall be intimated accordingly either electronically through his registered e-mail id or in writing to his postal address. Otherwise the Debarment Committee may reject the recommendation of the Suspension Committee. The Chairperson of Debarment Committee shall also inform the decision to all concerned.

#### **PROCEDURE FOR DEBARMENT DURING THE CONTRACT IMPLEMENTATION STAGE:-**

- (A) Upon termination of contract due to default of the Bidder, the Engineer-in-Charge shall recommend for debarment to the Bid Evaluation Committee. The Bid Evaluation Committee shall submit his recommendation of debarment of the alleged Bidder along with a detailed report stating clearly the reasons for debarment to the Debarment Committee within 30 (thirty) days from the date of termination of contract. The alleged Bidder shall be intimated accordingly either electronically to his registered e-mail id or in writing to his postal address. The Chairperson of Bid Evaluation Committee shall also inform the decision to all concerned.
- (B) The Debarment Committee upon receipt of the recommendation of Bid Evaluation Committee shall scrutinize the documents. The Debarment Committee will hold a hearing about the matter from the Bidder and issue necessary order within 10 (ten) working days from the last date of hearing. The Debarment Committee, if satisfied after hearing, shall forward the case to the Department for the order of debarment. The Department in due course will issue debarment order disqualifying/prohibiting the erring Bidder from participating in the bidding/procurement of all projects under the Administrative Department, Government of West Bengal for a specified period. The alleged Bidder shall be intimated accordingly either electronically to his registered e-mail id or in writing to his postal address. Otherwise the Debarment Committee may reject the recommendation of the Bid Evaluation Committee. The Chairperson of Debarment Committee shall also inform the decision to all concerned.

#### **STATUS OF SUSPENDED / DEBARRED BIDDER :-**

- (a) Bidder placed under Suspension/Debarment by the competent authority will not be allowed to participate in any procurement process under the Administrative Department within the period of suspension/debarment. The earnest money of the suspended Bidder shall stand forfeited to the Government.
- (b) If the Suspension/Debarment Order is issued prior to the date of issue of "Letter of Acceptance", "Letter of Acceptance cum Work Order", "Work Order", "Notice to Proceed", "Award of Contract" etc. for any Bid, the Suspended/Debarred Bidder shall not be qualified for Award for the said Bid and such Procurement Process will be dealt with as per existing norms by simply excluding the erring Bidder.
- (c) If the Suspension/Debarment Order is issued after award of a Government Project/Contract to the Debarred Bidder, the awarded Project/Contract shall not be prejudiced by the said Order provided that the said offence(s) committed by the Debarred Bidder is not connected with the awarded project/contract.

**Clause 42.** Executive Engineer of the concerned Division will be the Engineer-in-Charge in respect of the Tender contract and all correspondences concerning rates, claims, change

in specifications and/or design and similar important matters will be valid only if accepted/recommended by the Engineer-in-Charge. If any correspondence of above tender is made with Officers other than the Engineer-in-charge for speedy execution of works, the same will not be valid unless copies are sent to the Engineer-in-Charge and also approved by him. Instructions given by the Assistant Engineer and the Junior Engineer on behalf of the Engineer-in-Charge (who have been authorized to carry out the work on behalf of the Engineer-in-Charge) regarding specification, supervision, approval of materials and workmanship shall also be valid. In case of dispute relating to specification and work, the decision of Engineer-in-Charge shall be final and binding. The Engineer-in-Charge will however invariably take decisions relating to tender contract or as mentioned in the relevant rules and clauses of the contract document with the approval of the Tender Accepting Authority.

**Clause 43.** Acceptance of the Tender will rest with the Tender Accepting Authority without assigning reason thereof to the bidder. The accepting authority reserves the right to reject any or all of the tenders without assigning any reason thereof to the bidder/contractor.

**Clause 44.** In the event of acceptance of Lowest Rate, no multiple Lowest Rates will be considered for acceptance by the Department. In such cases, the Tender will be cancelled.

**Clause 45.** In the event of conflicting different clauses, the clauses in the e-NIT will prevail.

**Clause 46.** Engineer-in-Charge shall not entertain any claim whatsoever from the Contractor for payment of compensation on account of idle labour on such grounds including non-possession of encumbrance free land.

**Clause 47.** Engineer-in-Charge shall not be held liable for any compensation due to machines becoming idle or any circumstances including untimely rains, other natural calamities, like strikes etc.

**Clause 48.** Imposition of any Duty/Tax/Octroi/Royalty etc. whatsoever of its nature (after work order / commencement and before final completion of the work) is to be borne by the contractor/bidder. Original challan of those materials, which are procured by the bidder, may be asked to be submitted for verification.

**Clause 49.** Cess @ 1% or as amended time to time of the cost of construction works shall be deducted from the Gross value of all Works Bill in terms of Finance Department order. Also it is instructed to register his/her establishment under the Act, with the competent registering Authority, i.e. Assistant Labour Commissioner / Deputy Labour Commissioner of the region.

**Clause 50.** No Mobilization/Secured Advance will be allowed unless specified otherwise in the contract.

**Clause 51.** Valid PAN issued by the Income Tax Department, Government of India, valid 15 digit Goods and Services Tax Payer Identification Number (GSTIN) under GST Act 2017, Cess, Royalty of Sand, Stone Chips, Stone Metal Gravel, Boulders, Forest product etc., Toll Tax, Income Tax, Ferry Charges and other Local Taxes, if any, are to be paid by the Contractor/Bidder. No extra payment will be made as a reimbursement or as compensation for these. The rates of supply and finished work items are inclusive of these taxes and charges.

**Clause 52.** All working Tools & Plants, Scaffolding, Construction of Vats & Platforms and arrangement of Labour Camps will have to be arranged by the Contractor at his/her own cost.

**Clause 53.** The Contractor shall supply Mazdoors, Bamboos, Ropes, Pegs, Flags etc. for laying out the work and for taking and checking measurements for which no extra payment will be made.

**Clause 54.** The Contractor/Bidder should see the site of works and Tender Documents, Drawings etc. before submitting e-Tender and satisfy himself/herself regarding the condition and nature of works and ascertain difficulties that might be encountered in executing the work, carrying materials to the site of work, availability of drinking water and

other human requirements & security etc. Work on river banks may be interrupted due to a number of unforeseen reasons e.g. sudden rises in water levels, inundation during flood, inaccessibility of working site for carriage of materials. Engineer-in Charge may order the contractor to suspend work that may be subjected to damage by climate conditions. No claim will be entertained on this account. There may be variation in alignment, height of embankment or depth of cutting, location of revetment, structures etc. due to change of topography, river condition and local requirements etc. between the preparation and execution of the scheme for which the tendered rate and contract will not stand invalid. The Contractor will not be entitled to any claim or extra rate on any of these accounts.

**Clause 55.** A machine page numbered Site Order Book (with triplicate copy) will have to be maintained at site by the Contractor and the same has got to be issued from the Engineer-in-Charge before commencement of work. Instructions given by inspecting officers not below the rank of Assistant Engineer will be recorded in this book and the contractor must note down the action to be taken by him in this connection as quickly as possible.

**Clause 56.** The work will have to be completed within the time mentioned in the e-NIT. A suitable Work Programme based on time allowed for completion of work as per e-NIT is to be submitted by the contractor within 7 (seven) days from the date of receipt of work order which should satisfy the time limit of completion. The contractor should inform in writing, within 7 (seven) days from the date of receipt of work order, the names of his authorized representatives who are to remain present at site daily during work execution who will receive instructions of the work, sign measurement book, bills and other Government papers etc.

**Clause 57.** No compensation for idle labour, establishment charge or on other reasons such as variation of price indices etc. will be entertained.

**Clause 58.** All possible precautions should be taken for the safety of the people and work force deployed at worksite as per safety rule in force. Contractor will remain responsible for his labour in respect of his liabilities under the Workmen's Compensation Act etc. He must deal with such cases as promptly as possible. Proper road signs as per PWD practice or any other sign board for safety purpose as per requirement by the concerned Administrative Department will have to be erected by the Contractor at his own cost while operating in public thoroughfares.

**Clause 59.** The Contractor will have to maintain qualified technical employees and/or Apprentices at site as per prevailing Apprentice Act or as stipulated in the contract.

**Clause 60.** The Contractor will have to accept the Work Programme as per modifications and priority of work fixed by the Engineer-in-Charge so that most vulnerable reach and/or vulnerable items are completed before impending monsoon or rise in river flood water level or for other suitable reasons.

**Clause 61.** Quantities of different items of work mentioned in the tender schedule or in work order are only tentative. In actual work, these may vary considerably. Payment will be made on the basis of works actually done in different items and no claim will be entertained for reduction of quantities in some items or for omission of some items. For execution of quantitative excess in any item or supplementary new items of work as decided by the Department, approval of the Superintending Engineer / Chief Engineer / Government would be required, depending on whosoever be the Tender Accepting Authority, before making such payment.

**Clause 62.** In order to cope up with the present system of e-billing, supply of departmental materials is generally not allowed. However, if in special circumstances, Departmental materials may be issued to the Contractor/Bidder to the extent of requirements as assessed, those may be recovered from the Running Account Bill and/or Final Bill, as applicable.

**Clause 63.** Any material brought to site by the contractor is subject to approval of the Engineer-in-Charge. The rejected materials must be removed by the contractor from the site at his own cost within 24 hours of issue of the order to that effect. The rates in the schedule are inclusive of cost and carriage of all materials to worksite. The materials will have to be supplied in phase with due intimation to the Assistant Engineer concerned in



conformity with the progress of the work. For special type of materials, i.e. Geo Synthetic Bags, HDPE Bags, Geo Textile Filter, Geo Jute Filter etc., if any, relevant Data Sheet containing the name of the Manufacturers, Test Report etc. will also be submitted on each occasion. Engineer-in-Charge may conduct independent test on the samples drawn randomly before according approval for using the materials at site. In this regard decision of Engineer-in-Charge shall be final and binding.

**Clause 64.** For all items of contract jobs requiring skilled labour, the contractor shall have to employ 70% (Seventy Percent) of skilled labour locally. In case the Contractor fails to recruit skilled local labour, the Contractor shall employ skilled labour locally secured by Government in the manner indicated above. For bridge works, highly technical works of labour, the contractor may, with the prior permission in writing of the Engineer-in-charge to whom full facts must be placed for such permission, import and employ skilled labour up to 30% (Thirty Percent) of the total requirement. In this case the expression "Imported labour" shall mean "labour imported primarily from other States and secondarily, from the distant districts of the State of West Bengal." In case where the contractor fails to secure unskilled local labour or to engage imported labour, the contractor shall employ labour locally recruited by Government or labour imported by Government at the rate to be decided by the Superintending Engineer of the works concerned, whose decision as to the circumstances in which employment of such labour is of mutual advantage to Government and the contractor, will be final and binding on the parties.

**Clause 65.** All queries and disputes arising out of the works tender contract is to be brought to the notice of the Chairman of the 'Department Dispute Redressal Committee' in writing for decision within 15 days.

**Clause 66.** The contractor shall have to make his own arrangements for water, both for the work and use by his workers, etc., for road rollers and for all tools and plant, etc., required on the work.

**Clause 67.** Contractor will be responsible for the payments of all water charges payable to the Corporation Municipality / Panchayat or any other water works authority including a Government Department concerned.

**Clause 68.** If the contractors shall desire an extension of the time for completion of the work under clause 5 of the contract, no application for such extension will be entertained if it is not received in sufficient time to allow the Executive Engineer to consider it and the Contractor will be responsible for the consequences arising out of his negligence in this respect.

**Clause 69.** The Contractor will have to leave ducts in walls and floors to run conduit or cables, where necessary, and he will not be entitled to any extra payment on this account.

**Clause 70.** Contractors in the course of their work should understand that all materials obtained in the work of Dismantling, Excavation, etc., will be considered Government property and will be disposed of to the best advantage of Government.

**Clause 71.** In case of very special case of circumstances, if any Departmental materials are issued, there may be delay in obtaining the materials by the Department and the Contractor is, therefore, required to keep himself/herself in touch with the day to day position regarding the supply of materials from the Engineer-in-charge and to so adjust the progress of the work that his labour may not remain idle nor may there be any other claim due to or arising from delay in obtaining the materials. It should be clearly understood that no claim whatsoever shall be entertained by the Department on account of delay in supplying materials.

**Clause 72.** No compensation for any damage done by rain or traffic during the execution of the work will be made.

**Clause 73.** Whenever a work is carried out in municipal area, electric lights or electric danger signals whenever available shall be provided by the contractors on the barriers as well as paraffin lights. Facilities for the electric connection will be made by this Department but the Contractor will bear all the expenses.

**Clause 74.** The Contractor should quote through rate inclusive of cost of materials and carriage to place of working.

**Clause 75.** The Contractors should give complete specifications showing the method of execution and the quantity and quality of materials they intend to use per hundred square metre area.

**Clause 76.** In cases where water is used by the Contractor he will be required to deposit in advance with the Executive Engineer the charges for water which are to be calculated in accordance with the schedule of miscellaneous rates in the Canal Act.

**Clause 77.** It must be clearly understood by the Contractor that no claim on account of enhanced rates on those already accepted, due to fluctuations arising out of any situation will be entertained during the currency of this contract for the work as per schedule attached to the agreement and the additional work, if any, under Clause 12 of the contract.

**Clause 78.** In the event of emergency the Contractor will be required to pay his labour everyday and if this is not done, Government shall make the requisite payments as would have been paid by the contractor and recover the cost from the contractors.

#### **INCONVENIENCE OF THE PUBLIC**

**Clause 79.** The Contractor(s) shall not deposit material on any site which will seriously inconvenience the public. The Engineer-in-charge may require the Contractor(s) to remove any materials, which are considered by him to be a danger or inconvenience to the public or cause them to be removed at the contractor's cost.

**Clause 80.** The Contractor undertakes to have the site clean, free from rubbish to the satisfaction of the Engineer-in-charge. All surplus materials, rubbish etc. will be removed to the places fixed by the Engineer-in-charge and nothing extra will be paid.

**Clause 81.** The Contractor shall not allow any rubbish or debris to remain on the premises during or after repairs, but shall remove the same and keep the place neat and tidy during the progress of the work. The Engineer-in-charge may get the site premises cleared of debris etc. And recover the cost from the bill of the contractor, if the latter shows slackness in observing this clause.

**Clause-82.** Construction materials brought at site shall not be stacked at random. The contractor shall stack all these materials as directed by the Engineer-in-charge.

#### **INTERPRETATION OF CLAUSES**

Governor means the Governor of the State of West Bengal and his/her successors.

The Government means Government in the concerned Works Department.

The Department means the Secretary of the concerned Department or his/her authorized representative.

The Divisional Officer means the Executive Engineer of the concerned Works Department for the time being of the Division concerned, also identified as the Engineer-in-Charge.

The Sub-divisional Officer means the Assistant Engineer of the concerned Works Department for the time being of the Sub-division concerned. Junior Engineer equivalent to Section Officer of the Section concerned.

Superintending Engineer in the concerned works Department is the final Authority regarding Schedule of Rates and also the acceptance of Non-scheduled item rates arrived on the basis of market rate analysis for supplementary items, and the authority for approval of Reduced Rates and Part Rates. He is also the Tender Accepting Authority for works of value above Rs. 45.00 lakh and up to Rs. 2.00 crore under existing delegated power.

Chief Engineer in the concerned Works Department is the technical head of the Directorate and is also the Tender Accepting Authority for all works of value above Rs.

2.00 crore. Excess work over individual items comprising the original tender may be exceeded beyond 10% with the approval of concerned tender accepting authority and verified by the Superintending Engineer / Chief Engineer subject to the total value of work upon completion is within the technically sanctioned cost and that there is no major deviation from original scope of work in the tender. **Any supplementary tender/item/work in connection with the main tender is to be taken up with the approval of the Tender Accepting Authority not below the rank of Executive Engineer.** Such supplementary tenders above 10% of BOQ are to be executed only with the approval of appropriate Government irrespective of the value of tender.

Words importing the singular number only include the plural number and vice versa.

**Irrespective of the accepting authority, Divisional officer shall be the authority signing agreement for all tenders of value more than Rs. 3.00 lakh up to any amount on behalf of the State.**

Schedule showing (approximately) materials to be supplied by the Engineer-in-Charge under clause 10:

Particulars	Rates at which the materials will be charged to the contractor			Place of delivery
	Unit	Rs.	P.	

Note 1- The person or firm submitting the tender should see that the rates in the above schedule are filled up by the Engineer-in-charge on the issue of the form prior to the submission of the tender.

(Name in full)  
\*Signature of Contractor/Agency  
with official seal containing  
Principal office address

(Name in full)  
\*Signature of Managing Director  
on behalf of West Bengal Medical  
Services Corporation Limited with  
official seal containing designation &  
address

\* To be authenticated on each and every page of the contract document by all parties.



Name of Work :						
Vertical Extension of one floor with PUF insulated light structure over fourth floor of B-wing Swasthya Bhawan Building						
B.O.Q.						
Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
01	Dismantling all types of masonry excepting cement concrete plain or reinforced, stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m.					
	at 5th floor	Cum.	0.547	830.68	454.38	
02	Dismantling carefully terraced floor only (including floor finish if any) or lime terracing in ground floor roof and removing rubbish as directed within a lead of 75 m.					
	at 5th floor	Cum.	67.349	1178.69	79383.61	
03	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works					
	In 8th floor					
	(c) Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering in any concrete work	Sqm.	11.880	551.80	6555.42	
04	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes.					
	(i) Pakur Variety	Cum.	3.476	6917.60	24045.58	
05	M.S. structural works in roof trusses with tubular sections conforming to IS: 806-1968 & IS: 1161-1998 connected to one another with bracket, gusset cleats as per design, direction of Engineer-in-charge complete including cutting to requisite size, fabrication with necessary metal arc welding conforming to IS: 8161969 & IS: 9595 using electrodes of approved make and brand conforming to IS:814-2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental charges such as electricity charges, labour insurance charges etc. Payment to be made on the basis of calculated weight of structural tubular members as specified in relevant IS code in finished work. Payment for gusset, bracket, cleat may be made by adding the actual weight of such items with weight of finished structural members. The rates are considered for a height of erection 8 m. / 2nd floor level from the ground. Add 1.5 % extra over the rate for each additional floor or 4m. beyond the initial 8 m. or part thereof.					
	ii) For trusses spanning above 12.00 m and up to 20 .00 m	M.T.	12.370	93829.37	1160669.25	
06	Holding down bolt with nut including 100 x 100 x 6 mm plate washer at bottom fitted complete and packing the hole with cement concrete or cement grout as directed.					
	(ii) 20 mm dia bolt.					
	(b) 450 mm long	Each	200.000	281.26	56252.96	

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
07	Supplying and application of chemical for post Installed rebar connection by using ETA approved for seismic criteria In rebar connection, Including drilling hole to the required depth by rotary hammer drill, cleaning with brush & jet of clean air, filling chemical using serrated nozzle to eliminate mixing error and in a voidless manner Including charges for all tools & plants. Application to be designed for post-Installed rebars as per ECZ/TR023 or relevant tested and accepted design guidelines and the design document to be furnished by the manufacturer. The chemical should have ETA approval for seismic criteria of rebar fixing which should be furnished by manufacturer. The installation and the setting instructions should be strictly followed as per manufacturer's specifications as approved by EIC prior to drilling along with post-Installed rebar embedment design report. The existing concrete member should be scanned using rebar scanner to avoid hitting existing reinforcement in concrete during drilling.					
	iv) Cost of post Installed rebaring application with chemical as specified for 20 mm dia per m of depth	Cm	9000.000	50.06	450500.40	
08	Supplying, fitting and fixing PUF Insulated sandwich 60 mm thick & 1.0 m wide wall panels having PUR (density 40 ± 2 kg/cum & self extinguishing) conforming to IS:12436-1988 as core material with pre painted Galvanised sheet conforming to IS:14246-1995 of minimum thickness 0.5mm & minimum yield stress 240 MPa with Zinc coating of minimum 120 gsm as per IS:277-1992 as skin on both faces affixed by self-bonding to generate minimum adhesive strength (foam to steel) 2.9 kg/cm <sup>2</sup> duly protected by 5-7 micron epoxy primer on both faces & polyester top coat of 15- 18 micron and shall be vertically joined together by tongue & groove joints & cam locks spaced @ 1m c/c along the joints to form a continuous wall and fixed by self-tapping GI screws with requisite length & number to the peripheral frame through 'U' tracks/ rivets etc complete in all respects as per direction of the Engineer-in-Charge.					
	60 mm thickness	Sqm.	638.436	2604.08	1662540.33	
09	Supplying, fitting and fixing PUF insulated sandwich roof panels of total thickness not less than 30 mm having pre-coated Galvanised sheet conforming to IS:14246-1995 of minimum thickness 0.5 mm for top & 0.4mm for bottom with minimum yield stress 550 MPa and Zinc coating of minimum 120 gsm as per IS: 277-1992 as skin on both side of PUR core (density 40 ± 2 kg/cum & self extinguishing) affixed to generate minimum adhesive strength (foam to steel) 2.9 kg/cm <sup>2</sup> and external face is made corrugated in shape for GI and PUR both material. The crest height of the panel shall be of 28 mm to 35 mm minimum with 200 to 250mm c/c pitch. The Pre-coated sheet shall contain 5-7 microns epoxy primer over zinc coating on both side of the sheet and polyester top coat 15-18 microns. The PPGL/ PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches while transportation. The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90 mm & above self drilling self tapping (SDST) screw with rubber washer including all types of fasteners, ridges and end capping as per structural design & direction of Engineer-in Charge complete in all respect.					
	30 mm thickness panel for roofs	Sqm.	592.357	2562.37	1517837.81	
10	Supplying, fitting and fixing glass reinforced polyester translucent fiber sheet 300mm wide in half round gutter in roof as per IS: 12866 - 1989 fitted and fixed with 50 X 6mm MS Clamp with necessary bolts and nuts, screws and jointing material complete as per direction of Engineer - in - Charge.					
	a) 1.6mm +/- 0.2 mm thick sheet.					

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
	iii) Coloured other than natural white or tinted blue	Meter	80.000	991.58	79326.21	
11	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in-charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816-1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc.					
	l) For structural members of specified sections weighing less than 22.5 Kg./m	M.T.	0.554	90480.73	50126.32	
12	Supplying, fitting & fixing Zn-Al alloy (55% Al & 45% Zn) coating of 150 grams per sq. metre (followed by colour coated on both side) steel sheet work having minimum yield strength of 550 Mpa of trapizoidal profile of approved make (excluding the supporting frame work) fitted and fixed with 55 mm & 25 mm self tapping screw, EPDM Washer 16 mm dia & 3 mm th. washer etc. complete with 150 mm end lap and one corrugation minimum side lap. (Payment to be made on area of finished work).					
	( a) With 0.5 mm thick sheet	Sqm.	20.475	937.95	19204.46	
13	Providing and fixing false at all height including providing and fixing of frame work made of special sections, power pressed from M.S. Sheet and galvanized with zinc coating of 150 gms/sqm (both side inclusive) as per IS:277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37 mm,at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of clear fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size & other end of anle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm,at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm & 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25 mm long dry wall screws@230 mm interval, including fixing of	Sqm.	167.193	1469.49	245688.34	
14	Providing and fixing of false ceiling with powder coated exposed G.I. grid suspension system (E-Grid U-1520 or equivalent load carrying capacity with mid span deflection not exceeding 1/360 span with hanger spacing of 1200mm c/c ) consisting of Main Runner 3600 mm long, Cross Tee 1200 mm / 600 mm long and Wall Angle. The Wall Angle shall be fixed on PVC Dash Fasteners on the perimeter of the wall by steel screws with distance 300mm c/c. The Main Runners to be placed @ 1200 mm. The Cross Tee 1200mm will be inserted in the pre-cut slots of Main Runner at a regular interval of 600 mm to form a modular grid of 1200mm X 600mm. Additional Cross Tees of 600 mm shall be placed perpendicular to the Cross Tee 1200 mm long to finally form a grid of 600 mm X 600 mm. Grid of module size 600 mm X 600 mm shall be supported by 6 mm dia G.I. wire from purlins / soffit. 15mm thick OW Acoustic Board (Mineral Fiber Acoustic Ceiling Tiles) of approved patern and size 595mm X 595mm with NRC value > 0.65 should be placed in the Grid module to form a False Ceiling. All complete as per the drawing & directions of Engineer-in-charge. In 8th floor.					

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
	a) Acoustic False Ceiling (with 15mm thick OW Acoustic Board and E-Grid U1520).	Sqm.	350.633	1705.47	597992.59	
					0.00	
15	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC.					
	(b) one Coat					
	5th Floor	Sqm.	802.339	41.78	33525.34	
16	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer.					
	b) Premium 100% Acrylic Emulsion					
	two Coat					
	5th Floor	Sqm.	802.339	104.47	83822.91	
17	Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Annodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - InCharge. (Payment will be made on finished length of the work).					
	(A) In 10-12 Micron thickness Annodizing film					
	I) Natural white					
	a) 2- track sliding window					
	i) Bottom frame	Meter	35.000	259.81	9093.43	
	ii) Top and side frame.	Meter	119.000	232.40	27655.72	
	d) Shutter for all track sliding window.					
	i) Bottom & Top member.	Meter	70.000	139.44	9760.84	
	ii) Style side member.	Meter	84.000	141.82	11913.23	
	iii) Interlock member.	Meter	84.000	176.39	14816.46	
	h) Louvered window.					
	i) Top, bottom and side member.	Meter	8.700	218.10	1897.46	
	ii) Louvered Section.	Meter	12.000	784.20	9410.45	
	iii) Cleat angle ( Non-annodized).	Meter	24.000	313.44	7522.64	
18	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987.					
	iii) 5mm thick clear glass.	Sqm.	42.900	626.89	26893.44	
19	Labour charge for fabrication and installation of composite door, window, partitions made from annodized extruded alloy aluminium sections for the following units:-					

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
	(A) Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprene or EPDM gasketing in between window frame and masonry work (walls, column, beam.lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC. The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers.					
	i ) 2 track sliding window.					
	5th floor	Sqm.	42.000	905.77	38042.26	
	v ) Louvered window.					
	5th floor	Sqm.	2.820	946.29	2668.54	
20	Supplying EPDM gasket of approved make and brand as per direction of Engineer in charge.					
	i) For sliding windows					
	a) 'T' shaped EPDM gasket for frames.	Rm	154.000	15.49	2385.98	
	b) 'U' shaped EPDM gasket for frames.	Rm	238.000	17.88	4254.73	
21	Supplying Zinc powered coated star lock (Natural White)					
		Nos.	70.000	47.67	3337.04	
22	Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor)					
	(II) With Polymerised Adhesive [6 mm thick] & epoxy grouting materials for filling joints including spacer-2 mm [Applied directly over finished artificial stone floor/ mosaic etc.]					
	(A) Deep Colour & White	Sqm.	417.370	2158.65	900954.81	
23	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc.					
	(A) Floor					

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
	With Sand Cement Mortar (1:4) 20 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m.					
	(a) Area of each tile upto 0.09 Sq.m					
	(i) Coloured decorative	Sqm.	31.620	923.28	29193.97	
	(B) Wall					
	With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m.					
	(b) Area of each tile above 0.09 Sq.m					
	(i) Coloured decorative	Sqm.	54.718	1345.17	73605.16	
24	Supplying, fitting & fixing granite slab 15mm to 18mm thick in floor, lobby, stair, landing and treads etc. over 20mm (avg) thick base of cement mortar (1:2) laid with white cement slurry @ 4.40Kg per Square meter before placing of granite and jointed with white cement slurry @ 2.0 Kg per square meter with necessary pigments and complete as per direction of Engineer-in-charge including cost of all materials, labours, curing and roughening of concrete surface complete. In ground floor					
	(c) Area of each Granite slab above 1.00 Square meter.	Sqm.	6.000	3666.27	21997.65	
25	Supplying, fitting and fixing Black Stone slab used in Kitchen slab, alcove, wardrobe etc. laid and jointed with necessary adhesive Cement mortar (1:2) including grinding or polishing as per direction of Engineer-in -Charge in Ground Floor.					
	(b) Slab Thickness above 25 mm and upto 37.5 mm	Sqm.	9.780	926.03	9056.56	
26	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals).					
	(d) Sal : Local.	Cum.	0.180	93819.69	16887.54	
27	Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to I:S 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order to made the door of solid core and internal lipping with teak, mahogany or rose wood approved decorative veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing the shutters in position but excluding the cost of hinges and other fittings					
	(a) 35mm thick shutters (single leaf)	Sqm.	16.000	4801.76	76828.20	
28	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS: 4020 door testing performance criteria.					
	(i) 66mm x 90mm	Meter	33.750	592.32	19990.96	
29	Supplying, fitting & fixing fibre reinforced polymer (FRP) Composite door shutters as per approved design with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS:4020 door testing performance criteria. In 8th floor.					
	(i) 32 mm thick	Sqm.	11.500	3381.14	38883.07	

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
30	Anodised aluminium butt hinges of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 205/66) and fitted and fixed with cadmium plated screws:					
	(v) 100 x 63 x 3.2mm.	Each	51.000	85.81	4376.29	
31	Anodised aluminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete:					
	(a) With continuous plate base (Hexagonal/ Round rod)					
	(vii) 150 mm grip x 12 mm dia rod.	Each	34.000	132.29	4497.85	
32	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws:					
	(vii) 225mm long x 10mm dia. bolt.	Each	17.000	100.11	1701.89	
33	Anodised aluminium Aldrop / Sliding bolts of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 2681/66) fitted and fixed complete.					
	(iii) 300mm x 16mm dia. bolt.	Each	17.000	275.31	4680.20	
34	ii) Godrej Hydraulic door closer fitted and fixed complete.					
	(b) Medium type	Each	13.000	1984.35	25796.51	
35	(a) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.					
		Sqm.	365.000	34.56	12615.20	
36	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary :					
	(b) On steel or other metal surface :					
	With other than hi-gloss of approved quality					
	(iv) Two coats (with any shade except white)	Sqm.	365.000	85.81	31320.50	
37	Supplying and affixing optically clear polyester sun control window film having acrylic pressure sensitive adhesive on one side & an acrylic abrasion resistant coating on the other, with composition of infrared absorbing carbon & free from any optical defect. The film characteristics should conform to ASTM E308, ASTM E903, ASTM E84 and ASHIRAE. The film should be pasted after preparatory works without any cracking, delamination, bubbling, discolouring and variation in total transmission of light across the width at any portion along the length doesn't exceed 2% over the average including scaffolding & relevant others to complete in all respect as per manufacturer's specification & direction of Engineer -in-Charge. (Note: This work should not be executed without specific permission of Superintending Engineer)					
	(b) Superior Quality : Film Thickness - 2.0 Mil, Glare Reduction > 75%, U factor < 1.03, Emissivity < 0.70	Sqm.	42.000	648.34	27230.25	



Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
38	Supplying, fitting and fixing PVC pipes of approved make of Schedule 80 (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately)				0.00	
	(a) For Exposed Work				0.00	
	50 mm	Meter	50.000	457.65	22882.56	
	(b) For Concealed Work				0.00	
	25 mm	Meter	10.000	244.32	2443.19	
	20 mm	Meter	10.000	188.30	1883.04	
	15 mm	Meter	30.000	163.28	4898.30	
39	Supplying, fitting and fixing bib cock or stop cock.					
	(d) (i) Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 & Model - Florentine of Jaquar or similar brand).	each	13.000	971.32	12627.12	
40	Supplying, fitting and fixing pillar cock of approved make.					
	f) (ii) CP 2-way bib Cock - 15 mm, supplied, fitted and fixed. (Code No. 5041 & Model - FLORENTINE of JAQUAR or similar brand).	each	4.000	1512.39	6049.58	
41	Supplying, fitting and fixing shower of approved brand and make.					
	(f) Hand Shower (Health Faucet) with 1mtr Flexible Tube with Wall Hook (Equivalent to Code No. 573 & Model - ALLIED of Jaquar or similar).	each	4.000	1490.94	5963.77	
42	Supplying, fitting and fixing white vitreous china best quality approved make wash basin with C.I. brackets on 75 mm X 75 mm wooden blocks, C.P. waste fittings of 32 mm dia., one approved quality brass C.P. pillarcock of 15 mm dia., C.P. chain with rubber plug of 30 mm dia., approved quality P.V.C. waste pipe with C.P. nut 32 mm dia., 900 mm long approved quality P.V.C. connection pipe with heavy brass C.P. nut including mending good all damages and painting the brackets with two coats of approved paint.					
	(iii) 630 mm X 450 mm size	each	4.000	3885.27	15541.07	
43	Supplying, fitting and fixing pedestal of approved make for wash basin (white)					
		each	4.000	1784.12	7136.50	
44	Supplying, fitting and fixing Flat back urinal (half stall urinal) in white vitreous chinaware of approved make in position with brass screws on 75 mm X 75 mm X 75 mm wooden blocks complete.					
	(i) 635 mm X 395 mm X 420 mm	each	5.000	3419.27	17096.37	
45	Supplying, fitting and fixing porcelain partition wall of approved make of size 618 mm X 310 mm complete in all respect.					
		Each	6.000	1349.12	8094.71	

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
46	Supplying, fitting and fixing stainless steel sink complete with waste fittings and two coats of painting of C.I. brackets.					
	(ii) 630 mm X 550 mm X 180 mm	Each	1.000	4514.54	4514.54	
47	Supplying, fitting and fixing approved brand P.V.C. CONNECTOR white flexible, with both ends coupling with heavy brass C.P. nut, 15 mm dia.					
	(ii) 450 mm long	Each	13.000	97.73	1270.46	
48	Supplying, fitting and fixing approved brand 32 mm dia. P.V.C. waste pipe, with PVC coupling at one end fitted with necessary clamps.					
	(iv) 1050 mm long	Each	9.000	108.45	976.08	
49	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992					
	(A) (i) Single Socketed 3 Meter Length					
	(a) 75 mm	Meter	45.000	233.59	10511.68	
	(ii) Double Socketed 3 Meter Length					
	(c) 160 mm	Meter	40.200	712.70	28650.40	
	(b) 110 mm	Meter	70.000	375.42	26279.19	
	(B) Fittings					
	(i) Coupler					
	(a) 75 mm	each	4.000	54.82	219.29	
	(c) 160 mm	each	12.000	311.06	3732.72	
	iv) Door Tee (LH) & (RH)					
	(b) 110 mm	each	4.000	371.84	1487.37	
	vi) Door Y (LH) & (RH)					
	(b) 110 mm	each	4.000	328.94	1315.75	
	xv) Vent Cowl					
	(a) 75 mm	each	4.000	29.80	119.18	
	(b) 110 mm	each	4.000	39.33	157.32	
	xvi) Pipe Clip					
	(b) 110 mm	each	24.000	25.03	600.67	
	(c) 160 mm	each	30.000	51.25	1537.42	
	xvii) W.C. Connector (150 mm long) 125 X 110 (W/WC Ring) 75 mm	each	4.000	169.24	676.94	
	xxi) 110 X 110 P Trap 75 mm	each	5.000	334.90	1674.48	
50	Labour for fitting and fixing U.P.V.C. pipes for above ground work including cost of jointing materials etc. fitting and fixing all necessary specials, cutting pipes, cutting holes in walls or R.C. floor where necessary and mending good all damages excluding the cost of masonry or concrete work, if necessary, but including the cost and fitting and fixing holder bat clamps (any floor) or for underground work including cutting trenches upto 1.5 metre and refilling the same complete as per direction of the Engineer-in-charge. (Payment will be made on centre line measurement of the total pipeline including specials.					
	(A) Above ground					
	(i) 75 mm	Meter	45.000	53.63	2413.40	
	(ii) 110 mm	Meter	70.000	67.93	4755.28	
	(iii) 160 mm	Meter	40.200	78.66	3162.08	

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
51	Supplying, fitting and fixing E.W.C. in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc.					
	(a) With 'P' trap	each	4.000	1693.55	6774.19	
52	Supplying, fitting and fixing Closet seat of approved make with lid and C.P. hinges, rubber buffer and brass screws complete.					
	(a) E.W.C.					
	(iv) Bestolite (solid type) white	each	4.000	852.14	3408.55	
53	Supplying, fitting and fixing 10 litre porcelain low-down cistern of approved make with either side or bottom inlet, side overflow, brackets complete with all internal PVC fittings.					
	White	Each	4.000	2737.56	10950.26	
54	Supplying, fitting and fixing towel rail with two brackets.					
	(a) C.P. over brass					
	(ii) 25 mm dia. and 600 mm long	each	6.000	512.47	3074.84	
55	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specifications supported on fibre glass frame of any colour, frame size 550 mm X 400 mm	each	4.000	730.57	2922.29	
56	Supplying, fitting and fixing liquid soap container.					
	(a) Cromium plated.	each	4.000	468.38	1873.51	
57	Supplying, fitting and fixing soap holder.					
	(a) PTMT (Prayag or equivalent)	each	4.000	160.89	643.57	
58	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer					
	(b) 1000 litre capacity	Each	1.000	6111.55	6111.55	
59	Labour for hoisting plastic water storage tank.					
	(i) Upto 1500 litre capacity.					
	(a) Upto 1st story from G.L.	Each	1.000	114.41	114.41	
	(b) Extra for each additional story at 9th floor	Each	6.000	51.25	307.48	
60	Labour for punching hole in plastic water storage tank upto 50 mm dia.	Each	4.000	22.64	90.58	
61	Supplying, fixing, testing and commissioning of butterfly valve of PN 1.6 rating with bronze/gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required :					
	a) 150mm nominal dia	Nos.	1.000	8785.99	8785.99	
	b) 80mm nominal dia	Nos.	1.000	4890.42	4890.42	

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
	c) 50mm dia	Nos.	1.000	3707.71	3707.71	
62	Providing, laying, testing & commissioning of 'C' class heavy duty MS pipe conforming to IS 3589/IS 1239 including Welding, fittings like elbows, tees, flanges, tapers, nuts bolts, gaskets etc. and fixing the pipe on the wall/ceiling with suitable clamp/support frame and painting with two or more coats of synthetic enamel paint of required shade complete as required :					
	a) 150mm nominal dia	Meter	15.000	2084.64	31269.60	
	b) 80mm nominal dia	Meter	30.000	1133.22	33996.60	
	c) 65mm nominal dia	Meter	14.000	1014.04	14196.56	
	e) 25mm nominal dia	Meter	120.000	475.71	57085.20	
63	Providing, fixing, testing & commissioning of 15mm dia quartzoid bulb type sprinklers of rating 68 degree centigrade with required accessories :					
	Pendent sprinkler	Nos.	45.000	488.84	21997.80	
64	Providing, installation, testing and commissioning of non-return valve of following sizes confirming to IS: 5312 complete with rubber gasket, GI bolts, nuts, washers etc.as required :					
	150 mm nominal dia	Nos.	1.000	17752.77	17752.77	
65	Providing, fixing, testing & commissioning of installation control valve of cast iron body, brass/bronze working parts comprising of water motor alarm, bronze seat clapper, clapper arm and hydraulically driven mechanical gong bell to sound continuous alarm when the wet riser/sprinkler system activates, pressure gauges, emergency releases, ,strainer, pressure switch, cock valve complete with drain valve and bypass, test control box, ball valves, MS pipe of required size, flanges, orifice plate, gasket etc of follwing sizes as required :					
	150 mm nominal dia	Nos.	1.000	48376.98	48376.98	
66	Supplying, installation, testing & commissioning of sprinkler flexible pipe (UL Listed) of stainless steel complete with 15 NPT on reducer thread with maximum working pressure of 175 PSI test pressure of 875 PSI (Burst) with branch line (Inlet) 25mm NPT male thread to sprinkler head (Outlet) 15mm NPT female thread with reducer, nipple, 2 side brackets, center bracket, stockbar of following sizes complete as required.					
	1200 mm	Nos.	45.000	1649.33	74219.85	
67	Providing, installation, testing & commissioning of adjustable rosette plate for 15mm dia in white finish UL Listed or FM approved complete as required.					
	5th floor	Nos.	45.000	209.07	9408.15	
68	Supplying and fixing air vessel made of 250 mm dia, 8 mm thick MS sheet, 1200 mm in height with air release valve on top and flanged connection to riser, drain arrangement with 25 mm dia gun metal wheel valve with required accessories, pressure gauge and paintingwith synthetic enamel paint of approved shade as required.					
	5th floor	Nos.	1.000	18189.09	18189.09	
69	Carbon-di- oxide type fire extinguisher of 4.5 kgs. Capacity, CO2 gas filled in brand new seamless cylinder with powder coated finish, made out of Manganese steel, with wheel type valve, discharge nozzle, bend & horn,wall mounting bracket etc. complete, confirming to IS: 15683					
	5th floor	Nos.	2.000	6668.42	13336.85	

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
70	ABC type fire extinguisher of 6 Kgs. Capacity, with initial filling in brand new cylinder with powder coated finish, fitted with Gun metal union,high pressure CO2 gas cartridge, discharge hose, wall mounting bracket etc. complete, confirming to IS:15683					
	5th floor	Nos.	4.000	2745.91	10983.63	
	<b>ELECTRICAL WORKS</b>					
71	Supplying and fixing double door Vertical TPN MCB Distribution board for MCCB incomer with IP-42/43 protection, on angle iron frame on wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment <b>(PWD SOR Pg. No: D-11, Sl. No. 15) (Legrand/L&amp;T make)</b>					
	<b>4 way VTPN</b>	Nos.	1	10281.66	10281.66	
72	Supplying and fixing double door Horizontal TPN MCB Distribution board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachmen <b>(PWD SOR Pg. No: D-10, Sl. No. 14) (Legrand/L&amp;T make)</b>					
	<b>4 way HTPN</b>	Nos.	2	3397.82	6795.64	
73	Supplying and fixing double-door SPN MCB Distribution Board with IP-42/43 protection, concealed in wall after cutting the wall & mending good the damages to original finish incl. Inter connection with suitable size of copper wire and neutral link & provision for earthing attachment. <b>(PWD SOR Pg. No: D-9, Sl. No. 13) (Legrand/L&amp;T make)</b>					
i	<b>2+12 way</b>	Nos.	4	2093.99	8375.97	
ii	<b>2+10 way</b>	Nos.	5	1762.67	8813.36	
74	Supplying and fixing 415 V Four Pole MCCB of Breaking capacity 25kA/35kA with fixed thermal and fixed magnetic / adjustable thermal and fixed magnetic setting in existing DBs / enclosure and necessary connection <b>(Legrand/L&amp;T)(PWD SOR Pg. No: D-8, Sl. No. 10)</b>					
	<b>100 A</b>	Nos.	1	8513.03	8513.03	
75	Supplying and fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection <b>(Legrand/L&amp;T) (PWD SOR Pg. No: D-6, Sl. No. 7)</b>					
I	<b>63A TP</b>	Nos.	4	1706.66	6826.63	
II	<b>63A FP</b>	Nos.	2	2180.99	4361.99	
III	<b>6-32 DP</b>	Nos.	9	650.72	5856.51	
IV	<b>6-32 SP</b>	Nos.	122	226.44	27625.92	
76	Supply, Installation, Testing & Commissioning of 32A, 3 pole, 4 module Industrial metal plug socket including metal back box and cover plate flushed in wall making necy. connection with PVC Cu wire & earth continuity wire etc. <b>(Legrand/L&amp;T)</b>	Nos.	2	3983.57	7967.14	
77	<b>Cable End Box: (L&amp;T/Legrand)</b>					
A	Supplying and fixing CRCA sheet steel, powder coated cable end box for SPN DBs and making necessary connection					
i	<b>10 way</b>	Nos.	5	778.61	3893.04	
ii	<b>12 way</b>	Nos.	4	867.36	3469.45	

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
B	Supplying and fixing CRCA sheet steel, powder coated cable end box for HTPN DBs and making necessary connection					
	<b>4 way</b>	Nos.	2	1299.03	2598.05	
C	Supplying and fixing CRCA sheet steel, powder coated cable end box for MCCB incomer and making necessary connection					
	<b>4 way VTPN DBs</b>	No.	1	867.36	867.36	
78	Supply, testing & commissioning of following sizes 1.1 KV Grade Aluminium conductor, XLPE insulated, PVC inner sheathed, PVC type ST-2 outer sheathed and Galvanized wire/strip armoured LT Power Cables conform to IS 7098 Part-I (latest edition). The cables shall be laid through trench/on wall etc & cable identification tags. The scope excludes cost of fabrication and erection of cable tray but include dressing clamping etc. as required and to the satisfaction of engineer/consultant of client. (Havells/Gloster)					
i	<b>4 core 95 sq.mm.</b>	Mtrs.	400	1081.18	432470.85	
ii	<b>4 core 50 sq.mm.</b>	Mtrs.	430	627.73	269923.13	
iii	<b>4 core 35 sq.mm.</b>	Mtrs.	200	484.11	96821.83	
iv	<b>4 core 120 sq.mm.</b>	Mtrs.	150	1339.37	200905.30	
79	Supply, testing & commissioning of following sizes 1.1 KV Grade copper unarmoured conductor, The cables shall be laid through trench/on wall etc & cable identification tags. The scope excludes cost of fabrication and erection of cable tray but include dressing clamping etc. as required and to the satisfaction of engineer/consultant of client. (Havells/Gloster)					
i	<b>4 core 6 sq.mm</b>	Mtrs.	250	555.11	138777.96	
80	<b>Laying of cables:</b>					
i	Laying of cable above 4 core 90 sqmm and upto 3½ core 150 sqmm on wall/surface including S & F MS clams with earthing attachment in 2 x 10 SWG GI (Hot Dip) Wire, making hole etc. as necy., mending good damages and painting <b>(PWD SOR Pg. No: F-1, Sl. No. 2(e))</b>	Mtrs.	550	102.49	56372.14	
ii	Laying of cable from 4 core 35 sqmm to 50 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 2 x 10 SWG GI (Hot Dip) Wire, making holes etc. as necy., mending good damages and painting <b>(PWD SOR Pg. No: F-1, Sl. No. 2(c))</b>	Mtrs.	630	84.62	53309.21	
iii	Laying of cable as below, on existing Cable Tray and binding with suitable size GI wire. <b>(PWD SOR Pg. No: F-3, Sl. No. 6(i)) upto 50 sq.mm.</b>	Mtrs.	250	13.11	3277.45	
iv	Laying of cable upto 2 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting. <b>(PWD SOR Pg. No: F-1, Sl. No. 2(a))</b>	Mtrs.	770	67.93	52308.10	
81	<b>Finishing cable ends:</b>					
A	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supplying and fixing solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials <b>(PWD SOR Pg. No: F-5, Sl. No. 8(b))</b>					
i	<b>4 core 95 sq.mm</b>	Sets	2	369.46	738.92	
ii	<b>4 core 50 sq.mm.</b>	Sets	18	249.09	4483.55	
iii	<b>4 core 35 sq.mm.</b>	Sets	4	188.30	753.22	
iv	<b>4 core 120 sq.mm</b>	Sets	8	454.08	3632.61	
B	Finishing of the PVC insulated wire ends by socketting with pin/ring type copper sockets and insulated tapes etc., including supplying sockets, tapes. <b>(PWD SOR Pg. No: F-5, Sl. No. 9)</b>					
i	<b>4 core 6 sq.mm</b>	Sets	48	10.73	514.86	
82	<b>Compression Glands:</b>					

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
A	Supplying and fixing compression type gland complete with brass gland, brass ring & rubber ring for dust & moisture-proof entry of XLPE/PVC armoured cables as below : <b>(PWD SOR Pg. No: F-4, Sl. No. 7)</b>					
i	<b>4 core 95 sq.mm</b>	Sets	2	278.88	557.76	
ii	<b>4 core 50 sq.mm.</b>	Sets	18	234.78	4226.12	
iii	<b>4 core 35 sq.mm.</b>	Sets	4	193.07	772.29	
iv	<b>4 core 120 sq.mm</b>	Sets	8	365.88	2927.06	
B	Supplying and fixing ISI approved PVC type gland IP 44 complete with gland,ring for dust & moisture-proof entry of unarmoured copper cables. (Reputed ISI approved make as decided by the EIC)					
i	<b>6 sq.mm</b>	Sets.	48	23.40	1123.13	
83	<b>Computer point:</b>					
	Supply & Fixing 240 V, 3 nos. 6/16 A, 5 pin Modular type plug socket with 3 nos. 16A Modular type switch ( <b>L&amp;T Entice/Crabtree Amare/Legrand Mylinc</b> ), 20A Modular switch type SP MCB (C-Curve) and Indicator without plug top on 12 Module PVC Modular type switch board with 12 Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc. ( <b>PWD SOR Pg. No: E-19, Sl. No. 14</b> )	Nos.	140	1737.64	243270.22	
84	<b>Circuit wiring :</b>					
	Distribution wiring in 1.1 KV single core stranded 'FRLS' PVC insulated & unsheathed copper wire (Brand approved by EIC) in 20mm size PVC rigid conduit 'FRLS' (Precision make) incl. necy. fittings as required ( <b>Polycab/Havells/RR Kabel/Finolex</b> )( <b>PWD SOR Pg. No: E-14, Sl. No. 1a +5% extra for FRLS</b> )					
A	<b>2 x 36/0.3 (2.5 sqmm) + 1 x 22/0.3 (1.5 sqmm)</b>	Rmt.	950	148.92	141469.64	
B	<b>2 x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm)</b>	Rmt.	1500	127.64	191462.67	
C	<b>2 x 56/0.3 (4.0 sqmm) + 1 x 36/0.3 (2.5 sqmm)</b>	Rmt.	200	186.46	37291.42	
D	<b>2 x 84/0.3 (6 sqmm) + 1 x 56/0.3 (4 sqmm) ECC</b>	Rmt.	400	241.52	96607.31	
85	Distribution wiring in 2 x 22/0.3 (1.5 sqmm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire ( <b>Polycab/Havells/RR Kabel/Finolex</b> ) in 20mm size PVC rigid conduit 'FRLS' (Precision make), with 1x22/0.3 (1.5 sqmm) single core stranded 'FRLS' PVC insulated & unsheathed copper wire for ECC, to light/fan/call bell points with Modular type switch (Brand approved by EIC) fixed on Modular GI/PVC switch board with top cover plate and 2 no. suitable size "Ph & N" copper bar & earthing attachment fixed on wall incl. mending good damages to original finish.( <b>PWD SOR Pg. No: E-24, Sl. No. 1</b> )					
i	<b>Average run 6 mtr</b>	Point	27	954.63	25775.06	
ii	<b>Average run 8 mtr</b>	Point	50	1156.05	57802.30	
iii	<b>Average run 10 mtr</b>	Point	66	1358.65	89671.03	
iv	<b>Average run 12 mtr</b>	Point	75	1560.07	117004.97	
86	Supplying & Fixing 240V 5 Pin 6/16A moduler type plug socket (( <b>L&amp;T Entice/Crabtree Amare/Legrand Mylinc</b> )) with 16A moduler type switch without plug top on 4 module PVC modular type switch board with top cover plate flushed in wall incl. S & F switch board & cover plate & making necy. connection with PVC Cu wire & earth continuity wire etc. ( <b>PWD SOR Pg. No: E-18, Sl. No. 9b</b> )	Nos.	80	543.46	43476.86	



Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
87	Supply & Fixing 240 V, 25 A, 3 pin Modular type plug socket with 20/25A Modular switch ((L&T Entice/Crabtree Amare/Legrand Mylinec)) type SP MCB (C-Curve) and 4 Module PVC Modular type switch board with 4 Module top cover plate flushed in wall incl. S&F switch board and cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc.(PWD SOR Pg. No: E-19, Sl. No. 16)	Nos.	3	637.61	1912.84	
88	Supply & Fixing KV thermoplastic 4 modules circuit breaker boxes IP 65 (with metric knockouts for cable entry) (Make: Hensel 1 row 4 modules 126x228x111 KV 7104/ Similar make ISI approved outdoor type as approved by EIC)	Nos.	6	1827.51	10965.07	
89	<b>Supply of Fitting &amp; Fixtures :</b>					
i	Fixing only single/twin fluorescent light fitting suspended 25 cm bellow the ceiling with 2 No. 20 mm dia EI conduit (14 SWG) supports fixed with "L" type MS clamp whose one side fixed on ceiling with suitable size 4 nos. fastener and other side connected with the conduit with suitable size of bolts and nuts incl. S&F EI conduit, "L" type (125mmx125mm) 6mm thick and 25mm with MS clamps and connecting the length of PVC insulated wire and mending good damages to original finish and painting etc. by 2x24/0.20 mm (1.5sqmm.) flexible copper wire of 1.10 mt. length. (PWD SOR Pg. No: C-2, Sl. No. 17)	Nos.	4	237.17	948.67	
ii	Fixing only bulk head ceiling fitting on wall /ceiling by screws etc.(PWD SOR Pg. No: C-2, Sl. No. 13)	Nos.	16	66.74	1067.85	
iii	Supply & Fixing flexible LED 15 watt warm white flexible strip light with optimum brightness & uniformity of light for perfect cove lighting along with driver and all other accessories ideal for commercial use (5 mtr length) Philips LED strip Skycove 5M WW with driver / similar type of Wipro/Havells)	Nos.	20	1242.55	24850.94	
iv	Supply of recess mounted decorative type signature series premium commercial with high efficiency approx 30-36 watt luminaire complete in all respect (Wipro Verge LM 29, 33 watt/Similar of Philips/Havells as direction by EIC)	Nos.	60	6495.13	389707.87	
v	Fixing only 2'x2' LED fittings on false ceiling by fixing of 1 no. fastner nut bolt on ceiling making drill hole and 2 nos. 16 SWG steel wire (Approx 1 mtrs. Length each) incl. necy. Connections.	Nos.	60	200.00	11999.76	
vi	Supply of decorative type 6 watt LED Mirror Light with frosted PC cover (/Philips make 30973 Mirror LED 6 watt/similar type of Havells / Wipro)	Nos.	6	2218.83	13313.00	
vii	Supply of 15 watt recess mounted downlight with pressure die-cast aluminium housing for effective thermal management and high transmission factor PMMA diffuser for better performance (Wipro Helios LD90/Similar of Philips/Havells as direction by EIC)	Nos.	40	1819.44	72777.74	
viii	Fixing of round light by cutting of false ceiling incl. necy connections.	Nos.	40	99.99	3999.68	
ix	Supply of Heavy duty 300 mm dia 1420 RPM 80 Watt power input Exhaust fan (EPC commercial type/ similar Havells make) with mounting ring.	Nos.	8	4518.35	36146.82	
x	Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of following diameter <b>30 cm Exhaust fan (12") (PWD SOR Pg. No: C-4, Sl. No. 28b)</b>	Nos.	8	392.10	3136.82	
xi	Supply & Fixing Al. louver shutter on wall with necy. bolts & nuts (6 mm dia x 62 mm long) (PWD SOR Pg. No: D-14, Sl. No. 32a) <b>30 cm Exhaust fan (12")</b>	Nos.	8	230.02	1840.14	
xii	Supplying & Fixing 240 V AC/DC superior type Ding-Dong Call Bell (Reputed make) on HW board incl. S7F HW board. (PWD SOR Pg. No: D-13, Sl. No. 20a)	Nos.	4	206.18	824.73	

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
xiii	Supply of 450 mm. Wall mounted Fan, full metal body <b>(Make : Crompton 450mm WM SSTORM 2 (Metal Blade)/Orient TORNADO WALL II copper / similar EPC as direction by EIC)</b>	Nos.	60	5477.41	328644.33	
xiv	Fixing only cabin fan on wall/ceiling by S&F rag bolts, nuts & washers (6 mm dia x 62 mm long) or as reqd. incl. S&F 24/0.20 PVC insulated flexible copper wire 0.5 mt. length <b>(PWD SOR Pg. No: C-4, Sl. No. 29)</b>	Nos.	60	109.65	6578.74	
xv	Supply & Fixing 240 V, 6A, 3 pin Modular type plug socket with top cover plate and making necy. connections with PVC Cu wire and earth continuity wire etc <b>(L&amp;T Entice/Crabtree Amare/Legrand)</b> , without switch & plug top, on PVC Modular Switch Board of 2 module size, supply & fixing complete with top cover plate flushed in wall for housing the board after cutting the brick wall incl. making earthing attachment, painting and mending good damages to building work. <b>(PWD SOR Pg. No: E-17, Sl. No. 2a + 4a)</b>	Nos.	60	348.01	20880.34	
xvi	Supply of 20 watt 4 ft. single T8 LED tube fittings with 18W mass LED tube. <b>(Make- Philips TMC 502 with one no. master LED tube/similar Havells/ Similar Wipro as direction by EIC)</b>	Nos.	4	1129.59	4518.35	
xvii	Supply and Delivery surface mounted round 18W 5700 K LED down light with Aluminium die cast body, high performance & efficiency, finish with flush diffuser for volumetric lighting <b>(make- Wipro mollis surface LD06/similar Havells/Similar Philips as direction by EIC)</b>	Nos.	10	3590.48	35904.76	
xviii	Supply of Outdoor type high performance LED 100 watt 5700K flood light, contemporary designed housing made of die cast aluminium with proper optic lens for uniform light distribution. <b>(Wipro skyline LR02/Similar of Philips/Havells as direction by EIC)</b>	Nos.	10	11174.85	111748.53	
xix	Fixing only Floodlight fittings on top of masonry structure by 3 Nos. 10 mm dia x 87 mm long rag bolts, nuts & double washers complete either 37 mm x 10 mm MS flat support/or by other means as required <b>(PWD SOR Pg. No: C-3, Sl. No. 20b)</b>	Nos.	10	255.05	2550.45	
90	SITC of Digital Time Switch for exhaust fan along with Supply & Fixing of 1 no. 4 way metal door enclosur suitable for surface/flush mounting with provision to mount digital time switch after cutting the wall and mending good damages to the original finish (L&T/Havells make)	Nos.	12	3576.70	42920.40	
91	Finishing of the PVC insulated wire ends by socketting with pin/ring type copper sockets and insulated tapes etc., including supplying sockets, tapes <b>(PWD SOR Pg. No: F-5, Sl. No.9)</b>					
i	6.0 sq.mm.	Nos.	40	10.73	429.05	
ii	4.0 sq.mm.	Nos.	20	8.34	166.85	
iii	2.5 sq.mm.	Nos.	660	7.15	4719.53	
92	<b>Earthing Installation:</b>					
i	Earthing with 65 mm dia GI pipe (TATA-Medium)x 3.0 Mts. long and 1 No. 50 mm x 6 mm galvanized (Hot Dip) steel strip (4 Mts. long), 20 mm dia x 125 mm long galvanized bolt, double nuts, double washers including finishing both ends by making holes etc. and S & F 65 mm dia GI pipe (ISI-Medium) protection (3 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level to an average depth of 3.65 Mts. <b>(PWD SOR Pg. No: G-1, Sl. No. 2(d))</b>	Nos.	2	4609.8824	9219.76	
ii	Excavation of soil for installation of Earth Electrode and filling & ramming. For Soft Soil <b>(PWD SOR Pg. No: G-1, Sl. No. 1(a))</b>	cu.mtr.	10	256.237	2562.37	
iii	Extra for treatment of soil by using salt & charcoal or coke for plate electrode <b>(PWD SOR Pg. No: G-2, Sl. No. 3(b))</b>	item	5	632.8458	3164.23	

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
iv	Extra for providing masonry enclosure on the top of the earth electrode of overall size 86.36 cm x 86.36 cm x 46 cm deep (below Ground level) complete with cemented brick work(1:6) of 25 cm width duly plastered with cement mortar (inside) CI hinged inspection cover of size 36.56 cm x 35.56 cm with locking arrangement, GI reducer including drilling of 46 nos. 12 mm dia holes on the GI pipe.(PWD SOR Pg. No: G-2, Sl. No. 3(a))	item	5	1090.50	5452.49	
v	Connecting the equipments body to earth busbar incl. S & F 50 mm x 6 mm Galvanized (Hot Dip) MS flat earth strip on wall/floor with GI saddle as required and connection to equipments with incl. drilling holes, bolts, nuts,washers etc.(PWD SOR Pg. No: G-3, Sl. No. 5(e))	mtrs.	20	235.98	4719.53	
vi	Connecting the equipments body to earth busbar incl. S & F 25 mm x 6 mm Galvanized (Hot Dip) MS flat earth strip on wall/floor with GI saddle as required and connection to equipments with incl. drilling holes, bolts, nuts,washers etc(PWD SOR Pg. No: G-3, Sl. No. 5(d)).	mtrs.	20	164.47	3289.37	
vii	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 50 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required(PWD SOR Pg. No: G-2, Sl. No. 4(c))	mtrs.	3	257.43	772.29	
viii	Connecting the equipments to earth busbar including S & F GI (Hot Dip) wire of size as below on wall/floor with staples buried inside wall/floor as required and making connection to equipments with bolts, nuts, washers, cable lugs etc. as required and mending good damages(PWD SOR Pg. No: G-2, Sl. No. 5(a)(iv))					
	<b>No. 10 SWG</b>	mtrs.	50	7.15	357.54	
93	<b>Cable Tray:</b>					
i	Supply & Fixing of perforated GI cable tray cross member with perforation not more than 17.5% suspended from ceiling with two nos. suspenders & 25x25x3mm angle iron for supporting the cross member incl. S&F GI connector, 6mm dia MS suspender, bolts & nuts, steel fastener etc. as required of the following size. Incl. Al painting of MS support(PWD SOR Pg. No: D-15, Sl. No.34.d)(ISI marked approved make as direction by EIC)					
	<b>200x50x1.25mm (18SWG)</b>	Each	450	960.59	432265.86	
ii	Supply & Fixing of perforated GI cable tray bend with perforation not more than 17.5% suspended from ceiling with two nos. suspenders & 25x25x3mm angle iron for supporting the cross member incl. S&F GI connector, 6mm dia MS suspender, bolts & nuts, steel fastener etc. as required of the following size. Incl. Al painting of MS support(PWD SOR Pg. No: D-15, Sl. No.34.b)					
	<b>200x50x1.25mm (18SWG)</b>	Each	40	535.12	21404.73	
iii	Supply & Fixing of perforated GI cable tray tee with perforation not more than 17.5% suspended from ceiling with two nos. suspenders & 25x25x3mm angle iron for supporting the cross member incl. S&F GI connector, 6mm dia MS suspender, bolts & nuts, steel fastener etc. as required of the following size. Incl. Al painting of MS support(PWD SOR Pg. No: D-15, Sl. No.34.c)					
	<b>200x50x1.25mm (18SWG)</b>	Each	40	725.81	29032.25	
	<b>Fire Detection Works:</b>					
94	Supply, installation, testing & commissioning of suitable notifier loop control module on existing fire control pannel to expand the provisions for connection of addressable detectors, hooters etc. For another floor	Item	1	40723.20	40723.20	

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
95	Supply, installation, testing & commissioning of EN Standard, VDS approved Addressable Dual Optical Smoke cum Heat type Multi-Sensor Detector with inbuilt / equal number of additional Isolator for each detector and integral LED status indicator with 360 degree viewing angle. Detector shall communicate for differentiated alarm activation and high tolerance to dust,dirt, temperature fluctuations and air currents. Detector should have unquie address for communication and assigned through panel with Mounting Base as required. (Approval standards:VDS, EN54; Approved Make: Esser by Honeywell / Securiton / Autronica by UTC/ Synteso by Siemens	Nos.	40	10773.55	430942.00	
96	Supply, Installation, Testing & Commissioning of Response Indicator, with all other accessories. (Approved Make: Esser by Honeywell / Securiton / Autronica by UTC/ Synteso by Siemens)	Nos.	15	297.51	4462.65	
97	Supply, installation, testing & commissioning of EN Standard, VDS approved Inteliigent addressable manual call point with inbuilt / equal number of additional Isolator for each manual call point suitable for flush or surface mounting, call point shall include test key feature without removing the glass. Approved Make: Esser by Honeywell / Securiton / Autronica by UTC/ Synteso by Siemens)	Nos.	3	11990.72	35972.16	
98	Supply, installation, testing & commissioning of EN Standard, VDS approved Inteliigent addressable loop powered sounder with base, inbuilt /equal number of additional Isolator for each sounder, able to provide an o/p of minimum 80dBA at 1m, for evacuation.. Approved Make: Esser by Honeywell / Securiton / Autronica by UTC/ Synteso by Siemens / Bosch)	Nos.	3	41073.87	123221.61	
99	Supply, installation, testing & commissioning of EN Standard, VDS approved Inteliigent addressable Control Module with inbuilt /equal number of additional Isolator for each providing automatic facility for On Off AHU/Lift etc. during Emergency. (Approval standards:VDS, EN54; Approved Make: Esser by Honeywell / Securiton / Autronica by UTC/ Synteso by Siemens)	Nos.	4	20757.52	83030.08	
	<b>(The rate of Sl. No. 24 to 29 of BOQ placed as per approved estimate for the work of "Vertical Extension of one floor with light structure over seventh floor of Swasthya Sathi Building including civil works, electrical works. fire fighting work and IT works")</b>					
100	Supply & Laying of 2 Core 1 sq.mm FRLS copper Cable. (Finolex/Havells/RR Kable/Polycab/Gloster as approved by EIC)	Mtrs.	650	42.76	27795.93	
101	Supply & Laying of 20 mm NB FR PVC rigid conduit pipe on the surface of the wall. (Make:Precisson Medium- Colour as per Fire rule).	Mtrs.	600	60.78	36469.08	
	<b>HVAC Works:</b>					
102	<b>Variable Refrigerant Flow Air-conditioning System</b>					

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
	Supplying, installing, testing and commissioning of Variable Refrigerant Flow System comprising of 100% DC Inverter based Scroll / Rotary Compressor(s), top discharge outdoor units, connectable to multiple indoor units as per specification (including the charges for lifting, shifting, scaffolding & all other charges or accessories etc.) of 8600 CFM factory built vertical Floor Mounted double skin AHU type air handling units made of 48±2mm thick panels made of thickness 0.6mm GI outside and inside layer with polyurethane foam (PUF) insulation of density 40±2 kg/m <sup>3</sup> factory injected between them by injection moulding machine, complete with blower section with blower TEFC type forward/backward curved centrifugal fan of static pressure 55 mmwc (or as per requirement), 6/8 row deep with minimum 13 FPI, equipped with 10 micron Pre Filter, & Fine Filter with volume control damper at Inlet & Outlet and cowl with bird SS bird screen, aluminium finned copper tubes (tube thickness not less than 0.5mm), Thermal Break profile, belt drive package with TEFC type VFD drive motor (Additional 1no. Motor to be supplied of same specification), include suitable rating of VFD and HMI of VFD, suitable for 415 ± 10% volts, 50Hz, 3 phase, A.C supply ,drain connections, stainless steel drain pan with 19mm insulation, mixing box, and canvass connection , necessary vibration isolation arrangement. The outdoor unit shall be factory assembled <u>weatherproof casing constructed from heavy gauge mild steel. The outdoor</u>					
	The enhanced vapour injection DC inverter compressor in the VRF system Eco Series increases refrigerant circulation and improves cooling capacity by more than 10%, The grilles of fan air inlet and fan air outlet have an airflow direction adjusting function, which leads to lower pressure loss & lower noise. Compressor Backup - If one compressor fails, the other compressor can handle the load upto 4 days without affecting the comfort. Unit Backup- In a multi-unit system, if one module fails, the other modules provide backup to keep the system running. Double electronic expansion valve arrangement can achieve upto 960 steps refrigerant flow control to get the best refrigerant distribution effect. All the major parts of ODU like Fan motor, crews/bolts/gaskets, Sheet metal frame, Heat exchanger, Control box case are given anti corrosion treatment as standard and it can also be customized with heavy anti corrosion treatment for surface protection against corrosive air, acid rain and saline air. heat exchanger with a heat exchange area 1.5 times also have a super big size fan which has diameter is up to 750mm. a wide ambient temperature range from -5°C to 55°C in cooling mode and from -30°C to 30°C in heating mode. - 30 H.P (Condensing Unit make: Voltas/Diakin/O-General/Mitsubishi)	Nos.	2	655180.13	1310360.26	
103	<b>Supply &amp; Installation Air Handling Unit (Connected with VRF System)</b>					
	The AHU shall be completed with stainless steel drain pan with 19 mm thick closed cell class-O nitrile insulation, fire retardant canvas connection and necessary vibration isolation arrangement etc.					
	The motor shall be TEFC drive motor (IE3 and VFD compatible) suitable for 415±10% volts, 50 Hz, 3 phase, A.C. supply.					
	The complete AHU shall conform to specification & face velocity across cooling coil shall be limited to 500 FPM maximum and fan outlet velocity not more than 1870 FPM.					
	AHU CHW coils shall be in tune with the Chilled water system and equal divisions shall be made in cross sectional area of the coil respectively or as per manufacturer standard.					
	The unit shall be suitable for OUTDOOR installation and the static pressure will be calculated by HVAC contractor on basis of final duct layout. With mixing box and damper at inlet and outlet					
	The Dx. Coil of unit shall be connected VRF/DX condensing unit and price shall be inclusive of expansion valve kit with controller etc. require to complete the system.					
	Filter :Pre filter 90% efficiency to 10 microne.					
	8600 CFM, 55 mmwc SP, 24.0 TR Floor Mounted.	Nos.	2	595125.33	1190250.66	
104	<b>Remote Controller</b>					

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
	Refnet joint	Nos.	4	3229.78	12919.11	
<b>105</b>	<b>AHU Kit</b>					
	Supply installation testing & commissioning of electronic expansion valve kit for air handling units	Nos.	4	51783.71	207134.84	
<b>106</b>	<b>Copper Refrigerant Piping With Insulation (For VRF part)</b>					
	Supply laying testing & commissioning of copper refrigerant piping of nominal diameter (OD) in mm as indicated below for VRF system complete with fitting,supports, jointing, 19/13 mm thick close cell elastometric nitrile rubble tubular insulation, gas charging and commissioning as per specifications, all the accessories as per specifications and any other item required to make the system complete					
<b>A</b>	31.75 mm dia with 19 mm thick class "O" nitril rubber insulation	Rmt.	30	2312.09	69362.76	
<b>B</b>	28.58 mm dia with 19 mm thick class "O" nitril rubber insulation	Rmt.	60	1978.39	118703.28	
<b>C</b>	22.20 mm dia with 19 mm thick class "O" nitril rubber insulation	Rmt.	30	1489.75	44692.50	
<b>D</b>	12.70 mm dia with 13 mm thick class "O" nitril rubber insulation	Rmt.	60	643.57	38614.32	
<b>107</b>	<b>Drain Piping</b>					
	Supply, Installation, Testing and Commissioning of insulated <b>PVC condensate drain water piping</b> with bends reducers tees, supports etc. The insulation shall be with pipe sections of nitrile rubber of 9mm thick as per specifications and drawings.					
	50 mm with 9 mm thick class "O" nitril rubber insulation	Rmt.	20	357.54	7150.80	
	40 mm with 9 mm thick class "O" nitril rubber insulation	Rmt.	30	309.87	9296.04	
<b>108</b>	<b>Communication Cable</b>					
	Supply of following sizes of Copper conductor flexible wire of 1.1 KV grade on pvc conduit including saddle, clamps etc. complete as required.					
	<b>2C X 1.5 Sqmm copper Flexible cable for communication</b>	Rmt.	120	85.48	10257.11	
<b>109</b>	<b>PI Duct</b>					
	Supply & Installation of SMART Preinsulated PIR Panels HCFC & CFC Free 25mm thick with 80-FSK micron Embossed Aluminum on other side and close cell not less than 95% Rigid Cellular foam insulation of thickness as specified below and material shall be Class O as per BS 476 Part 6 & Part 7 with 2 hours fire rating and with Density of 48kg/m3 and should have Thermal Conductivity 0.019 W/mK , Water absorption shall be not more than 0.03% as per EN 13403 with GreenPro Certified. The joint between the ducts shall be done by means of Shiplap joints with special tape for duct sizes below 450mm and with Polymer slide in type joint between the ducts for sizes above 450mm. Duct supports of wire type of manufacturer make to be provided at regular intervals	sq.mt.	576	1859.21	1070903.81	
<b>110</b>	<b>GI Duct Site Fabricated</b>					
	Supply, installation, balancing and commissioning of fabricated at site GSS sheet metal rectangular/round ducting complete with neoprene rubber gaskets, elbows, splitter dampers, vanes, hangers, supports etc. as per approved drawings and specifications of following sheet thickness complete as required.					
	<b>18 G</b>	sq.mt.	76	1775.78	134959.43	
<b>111</b>	<b>Duct Thermal Insulation</b>					
	Supply and Fixing of Duct thermal insulation with following thickness Class-0 Nitrile sheet (density 40 - 60kg/cum)/ XLPE(33±3kg/cum) sheet insulation with factory pasted aluminium foil on one side on the duct using low VOC adhesive.					

Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
	<b>13mm thick with aluminium foil if duct passing through airconditioning area.</b>	sq.mt.	76	846.18	64309.53	
<b>112</b>	<b>Duct Acoustic insulation</b>					
	Supply and fixing of duct acoustic lining inside the ducts with 10 mm thick Class-O open cell nitrile sheet (density 140-160kg/cum) pasted inside the duct using low VOC adhesive and fastened with GI NUT Bolt.	sq.mt.	76	1430.16	108692.16	
<b>113</b>	<b>Aluminium Powder Coated SA Diffuser</b>					
	Supply, Installation, testing and balancing of square shape ceiling diffusers with VCD in extruded aluminium construction with powder coated finish complete in all respect as per drawings.	sq.mt.	5.67	16685.20	94605.08	
<b>114</b>	<b>Aluminium Powder Coated RA Diffuser</b>					
	Supply, Installation, testing and balancing of square shape ceiling diffusers without VCD in extruded aluminium construction with powder coated finish complete in all respect as per drawings.	sq.mt.	8.52	12418.56	105806.10	
<b>115</b>	<b>Fire Retardent Canvas Connection</b>					
	Supply, Fixing, testing and commissioning of 150 mm depth fire retardent canvas connection along with proper nut bolt joint.	Nos.	2	3706.50	7413.00	
<b>116</b>	<b>GI Duct / FA Damper</b>					
	Supply Installation, testing and commissioning of Duct/FA Damper of 16G GI construction and complete in all respect as per drawings.	sq.mt.	2.3	13717.62	31550.52	
<b>117</b>	<b>Aluminium Duct / FA Damper</b>					
	Supply Installation, testing and commissioning of Duct/FA Damper of 16G GI construction and complete in all respect as per drawings.	sq.mt.	1.5	15576.83	23365.24	
<b>118</b>	<b>Motorised Fire Damper</b>					
	Supply ,Fixing,testing and commissioning of MOTORIZED fire dampers in supply air duct /main branch and return air path as and where required with control wiring. The damper shall be motorised and spring return actuator to close the damper in the event of power failure automatically and open the same in case of power being restored. The damper shall also be closed in the event of fire signal complete as required and as per specifications and at least 90 minutes rating as per UL555/1995 TESTED BY CBRI.	sq.mt.	2.64	26696.32	70478.28	
	Motorised actuator with Controller for above damper.- 10NM	Nos.	4	16863.97	67455.88	
<b>119</b>	<b>Testing &amp; commissioning of above VRF system</b>					
<b>A</b>	Nitrogen pressure testing	Lot	1	32130.93	32130.93	
<b>B</b>	Refrigerant R 410a while commissioning the system	Lot	1	12370.88	12370.88	



Sl. No.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)	Remarks
120	<p><b>Electrical Panel</b> The panel shall be dust &amp; vermin proof fabricated with 2mm. thick sheet steel duly surface treated, powder coated, Top Entry, IP - 43 protection with front door locking arrangement with all connection and comprising with following accessories including necessary connenctions and earthing attachment on floor mounting type/ angel iron frame on wall / embedding in wall as per instruction of EIC. (Make - L&amp;T / equivalent of Legrand, Simens)</p> <p><b>Incomer:</b> 160A 4P 36KA MCCB with O/L,S/C, Microprocessor Based with Aux &amp; Trip Contact-1 No. 3PH,4WIRE, DIGITAL MULTIFUNTION METER-1 No. 200/5A, 15VA CL1 CT-3 Nos R,Y,B, On, Off, Trip Indicating Lamp 2A Control MCB- 1No. 200A, 4 Pole Power Contactor, Robust and suitable for hostile application-2 nos. Daily &amp; weekly programmable basis digital time switch, min switching time 1 min, 25 ON/OFF programs, 6 yrs. Battery backup, settable DST &amp; key pad lock features-1 no. Auto/Manual/Off selector switch-1 No. Castell type lock with key, DIN rail assembly, Auxiliary contact kit, door handle assembly, Spreader terminal, and other essential panel accessories- 1 set. Ferule marking &amp; name plate, Interconnection Cu cable, control wire for each Ckt. 250A. 3phase 4 wire AL. Busbar and 50mm Al Earthing Bus Bar</p>	item	1	304834.92	304834.92	
	<p><b>Outgoing:</b> V3F 415V drive 7.5 Kw 3 phase - 2nos. MPCB 14-20 A, 3 pole, rotary type with Aux &amp; Trip Contact-2 nos. MPCB 63 A, 3 pole, rotary type with Aux &amp; Trip Contact-3 nos. Digital Ammeter CL-1-5 Nos. Ammeter selector switch-5 Nos. 100/5A, 5VA CL1 CT-15 Nos R,Y,B, Trip Indicating Lamp-5 set 32A, 3 Pole Power Contactor, Robust and suitable for hostile application-2 Nos. Illuminated On push button assembly-5 nos Illuminated off push button assembly-5 nos 2A Control MCB- 5No. Current monitoring relay- 5 nos. Castell type lock with key, DIN rail assembly, Auxiliary contact kit, door handle assembly, Spreader terminal, and other essential panel accessories- 5 set. Ferule marking &amp; name plate, Interconnection Cu cable, control wire for each Ckt. Four pole terminal of suitable rating- 5 set 100A, 3phase 4 wire AL. Busbar</p> <p>The panel should be run in auto/manual mode. In auto mode enterire AIR CIRCULATION SYSTEM should start/stop through digital time switch. Provision for remote emergency stop, provision for intregation with fire detector panel etc.</p>					
121	Dismantling the existing non functioning roof top lighting arrester with attached GI strip	Items	3	1191.80	3575.40	
				<b>Total</b>	<b>18192910.00</b>	
	<b>Rupees one crore eighty one lakh ninety two thousand nine hundred ten only</b>					