



**WEST BENGAL MEDICAL SERVICES CORPORATION LTD.**  
**(Wholly owned by the Government of West Bengal)**  
**Swasthya Sathi, GN-29, Sector-V, Salt Lake, Kolkata-700 091.**

**NOTICE INVITING TENDER DOCUMENTS FOR**

**Civil, Plumbing and Electrical works for Construction of Model AYUSH OPD Building at Jamalpur BPHC & Kurmun BPHC in the district of Purba Bardhaman, West Bengal (2<sup>nd</sup> Call).**

**NIT Reference No. : WBMSCL/NIT- 567/2023, Dated - 19/09/2023**

**1<sup>st</sup> Call NIT Reference No. : WBMSCL/NIT- 362/2023, Dated - 07/07/2023)**

# 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- 567/2023

Dated - 19/09/2023

Managing Director, WBMSCL invites sealed bids through electronic tendering (e- Tendering) for “Civil, Plumbing and Electrical works for Construction of Model AYUSH OPD Building at Jamalpur BPHC & Kurmun BPHC in the district of Purba Bardhaman, West Bengal (2nd Call). “from the bonafied, resourceful and reliable experienced Contractor in West Bengal.

Sl. No.	Name of the Work	Estimated Amount (Rs.)	Earnest Money (Rs.)	Period of Completion	Name & address of the Office
02	Civil, Plumbing and Electrical works for Construction of Model AYUSH OPD Building at Jamalpur BPHC & Kurmun BPHC in the district of Purba Bardhaman, West Bengal (2nd Call).	31,08,658.00	62173.00 (Payment to be done by online NEFT/RTGS in e-tender portal)	90 days	Managing Director, West Bengal Medical Services Corporation Limited, Swasthya Sathi Building, GN-29, Sector -V, Saltlake,

## **GENERAL CLAUSE OF NIT :**

### **TWO BID SYSTEMS**

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) 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 (NOT as a sub-**

**contractor)** during the last 5 (five) years prior to the date of issue of this NIT at least one work of similar nature 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 40 (forty) percent in case of 1<sup>st</sup> call, 30% in case of 2<sup>nd</sup> call, 20% in case of 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 (NOT as a sub-contractor)** during the last 5(five) years prior to the date of issue of this NIT at least two works of similar nature 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 30 (thirty) percent in case of 1<sup>st</sup> call, 25% in case of 2<sup>nd</sup> call, 15% in case of 3<sup>rd</sup> call of the Estimated amount put to tender for intended job.

**OR**

(c) The prospective bidders should produce credential **AS A SOLE FIRM (NOT as a sub-contractor)** at least one single running work of similar nature which has been completed to the extent of 80% or more (75% in case of 2<sup>nd</sup> call, 70% in case of 3<sup>rd</sup> call) and value of which is not less than the value of 40% (30% in case of 2<sup>nd</sup> call, 20% in case of 3<sup>rd</sup> call) of the estimated amount put to tender of intended job under the authority of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies under the statute of the Central/State Government. **In the credential certificate it should be clearly stated that the work is in progress satisfactorily & also that no penal action has been initiated against the executing agency, i.e. the tenderer.**

**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 of State/Central Gov., State/Central Gov. undertaking, Statutory/Autonomous Bodies constituted under the statue 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/running work will be taken as credential.**

**c) Work order of relevant work(s) to be submitted.**

**d) Similar works/works of similar nature shall mean External/internal electrical works, civil works, Sewerage system etc. works executed in India.**

**ii) TECHNICAL PERSONEL**

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

iii) PAN Card, Valid Professional Tax Receipt Challan for the current financial year, Trade Licence, Valid GST Registration no. & certificate, Income Tax Acknowledgement Receipt for assessment year 2023-24, Valid electrical contractor license, Supervisory License on the part of 1,2,11 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 by law, Current Audit Report.

v) Joint Venture will not be allowed.

vi) Deleted

vii) Deleted.

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 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 as per table given to participate in the bid.

SI No	Work	EMD Amount
1	Civil, Plumbing and Electrical works for Construction of Model AYUSH OPD Building at Jamalpur BPHC & Kurmun BPHC in the district of Purba Bardhaman, West Bengal (2nd Call).	62173.00 (Payment to be done by online NEFT/RTGS in e-tender portal)

The process of deposit of earnest money through offline instruments like Bank Draft, Pay Order etc. will be stopped for e-tender procurement of this office **wef. 01.09.2016. Necessary Earnest Money will be deposited by the bidder electronically: online - through his net banking enabled bank account, maintained at any bank or: offline - through any bank by generating NEFT/ RTGS challan from the e-tendering portal.** Intending Bidder will get the Beneficiary details from e- tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name (ICICI Bank) & IFSC Code and e-Proc Ref No. Earnest Money @2.00% of the estimated amount put to tender have to be submitted. The earnest money of the successful bidder (being converted to security deposit) deposited, will remain under the custody of the department till satisfactory completion of the work in full including extended quantity if ordered for. Besides this, necessary percentages shall be deducted from the progressive bids so as to make it 10% (Ten percent) of the value of work billed for. **Agency having MSME certificate is not exempted from submission of EMD.**

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 commercials 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.
11. No Mobilization Advance / Secured Advance will be allowed.
12. Prospective applicants note carefully the minimum qualification criteria as mentioned in instruction to bidders before tendering the bids.
13. No Conditional Bid / Tender will be accepted under any circumstances.
14. Requirement of Principal Machineries which must be possessed by [Non Statutory Document] by the Bidders.
15. 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.
16. 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.

#### **17. 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)	22 .09.2023 at 02.00 P.M.
ii)	Documents Sell / download start date (online)	22.09.2023 at 02.30 P.M.
iii)	Bid Submission Upload Start date (online)	22.09.2023 at 02.30 P.M.
iv)	Bid Submission Upload End date (online)	06.10.2023 at 3.00 P.M.
v)	Date & Place for Opening of Technical bid (online) for the Bidders	07.10.2023 at 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.

18. 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.

19. 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.

20. Bank guarantee as Performance Security Bank Guarantee @ 10% of the contract value may be submitted for the purpose of the security deposit.

21. 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.

22. 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.

23. 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.

24. The Working Capital shall not be less than 15% (fifteen) percent of the amount put to tender out of which minimum 10% (ten) percent shall be of the applicant's own resource. [Non Statutory Documents (Financial Statement)]

25. If the contractor or his workmen or servants or authorized representatives shall break, deface, injure, or destroy any part of building, in which they may be working, or any building, road, road-curbs, fence, enclosure, 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 whatsoever or any imperfection become apparent in it at any time whether during its execution or within a period of three months or one year or three years or five years, as the case may be (depending upon the nature of the work as described in the explanation appended hereto) hereinafter referred to as the Defect Liability Period, from the actual date of completion of work as per completion certificate issued by the Engineer-in-Charge, the contractor shall make the same good at his own expense, or in default, the Engineer-in-Charge may cause the same to be made good by other workmen and deduct the expense (of which the certificate of the Engineer-in-Charge shall be final and binding on all concerned) from any sums, whether under this contract or otherwise, that may be then, or at any time thereafter become due to the contractor from the Government or from his security deposit, either full, or of a sufficient portion thereof and if the cost, in the opinion of the Engineer-in-Charge (which opinion shall be final and conclusive against the contractor), of making such damage or imperfection good shall exceed the amount of such security deposit and/or such sums, it shall be lawful for the Government to recover the excess cost from the contractor in accordance with the procedure prescribed by any law for the time being in force.-

Provided further that the Engineer-in-Charge shall pass the "Final Bill" and certify thereon, within a period of thirty days with effect from the date of submission of the final bill in acceptable form by the contractor, the amount payable to the contractor under this contract and shall also issue a separate completion certificate mentioning the actual date of completion of the work to the contractor within the said period of thirty days. The certificate of the Engineer-in-Charge whether in respect of the amount payable to the contractor against the "Final Bill" or in respect of completion of work shall be final and conclusive against the contractor . However, the security deposit of the work held with the Government under the provision of clause 1 hereof shall be refundable to the contractor in the manner provided here under:-

(a) For work with three months Defect Liability Period:

i) Full security deposit shall be refunded to the contractor on expiry of three months from the actual date of completion of the work.

(b) For work with one year Defect Liability Period:

i) Full security deposit shall be refunded to the contractor on expiry of one year from the actual date of completion of the work.

(c) For work with three years Defect Liability Period:

i) 30% of the security deposit shall be refunded to the contractor on expiry of two years from the actual date of completion of the work;

ii) The balance 70% of the security deposit shall be refunded to the contractor on expiry of three years from the actual date of completion of the work;

(d) For work with five years Defect Liability Period:

i) No security deposit shall be refunded to the contractor

ii) for 1st 3 years from the actual date of completion of the work;

- iii) 30% of the security deposit shall be refunded to the contractor on expiry of four years from the actual date of completion of the work;
- iv) The balance 70% of the security deposit shall be refunded to the contractor on expiry of five years from the actual date of completion of the work;

. Explanation :

The word 'work' means and includes building work, road work, drain work, sanitary and plumbing work and/or any other work contemplated within the scope and ambit of this contract. For

- i) The work of patch repair or patch maintenance in nature or a combination thereof, the Defect Liability Period of the work shall be three months from the actual date of completion of the work.
- ii) Thorough Bituminous Surfacing work with bituminous thickness less than 40 mm, Repair & Rehabilitation of any road / bridge / culvert / building / Sanitary & Plumbing work, the Defect Liability Period of the work shall be one year from the actual date of completion of the work;
- iii) Extension of building / bridge / culvert, Construction of new flexible pavement up to bituminous level which has been designed for a period of 3 years or more, Widening and strengthening of flexible pavement designed for a period of 3 years or more, Improvement of riding quality / Strengthening of flexible pavement designed for a period of 3 years or more; Providing only mastic asphalt layer over existing bituminous surface without providing bituminous profile corrective course / bituminous base course, the Defect Liability Period of the work shall be three years from the actual date of completion of the work;
- iv) Construction of new building / new bridge / new culvert, Reconstruction of building / bridge / culvert including construction of approach roads for bridge / culvert, Construction of rigid pavement, Reconstruction of rigid pavement, Construction of new flexible pavement covered by mastic work which has been designed for a period of 5 years or more, Widening and strengthening of flexible pavement covered by mastic work which has been designed for a period of 5 years or more, Improvement of riding quality / Strengthening of flexible pavement covered by mastic work which has been designed for a period of 5 years or more, the Defect Liability Period of the work shall be five years from the actual date of completion of the work;

Successful Tenderers will be required to obtain valid Registration Certificate & Labour License from respective Regional Labour Offices where construction work by them are proposed to be carried out as per Clauses u/s 7 of West Bengal Building & other Construction Works' Act, 1996 and u/s 12 of Contract Labour Act.

Power of Attorney holders are not allowed to sign Tender Documents unless otherwise approved by the Government.

- 26. 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.
- 27. 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.
- 28. 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
- 29. 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.
- 30. In case of Ascertaining of Authority at any stage of application or execution of work, necessary registered Power of Attorney is to be produced.

31. The Earnest Money may be forfeited if;-
- If the Bidder withdraws the Bid during the period of Bid validity.
  - In case of successful Bidder, if the Bidder fails to execute formal agreement within the stipulated time period.
  - 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.
32. 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;-
- Notice Inviting Tender
  - Special Terms and Conditions
  - Financial Bid
  - Schedule of Works (as per site wise Annexure A & Annexure B only)
- 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.
33. The bidders must have valid Electrical Contractors' License with full time engagement of an Electrical Supervisor Competency on the parts 1, 2, 11 & 6A 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).
34. Prospective bidders must have sufficient credentials to participate in the tender (Electrical) as per notification of Clause No 3.
35. 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.
36. 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.
37. The selected bidder should execute the work by following the latest guidelines (placed as additional document under technical folder named as 'Guidelines on rational use of personal protective equipment or novel corona virus dieses 2019 COVIT-19') of COVIT-19 issued by Directorate General of Health Services(Emergency Medical Relief), H&FW Department, Govt. Of West Bengal.
38. 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**



## **Payment Schedule**

Payment will be made according to B.O.Q as per site wise Annexure A , Annexure B & Annexure C only.

## INSTRUCTION TO BIDDERS

### SECTION – A

#### *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-B)
- iv) **MOU (If the bidder originated from only civil background, then they need to have a formal tie up MOU with a bonafied electrical contractor and both the contractor (Electrical/Civil) have to submit the all required credential and documents as mentioned in the NIT & If the bidder originated from only Electrical background, then they need to have a formal tie up MOU with a bonafied Civil contractor and both the contractor (Electrical/Civil) have to submit the all required credential and documents as mentioned in the NIT)**

##### **Financial Bid:**

- v) The percentage rate of summation of site wise Annexure-A, Annexure-B & Annexure-C will be quoted in the BOQ. Percentage quoted rate (as per schedule of works in the form of annexure A, B&C) will be encrypted in the B.O.Q. under Financial Bid.
- vi) Breakup rate in the Annexure-A & B (for Civil work) & Annexure-C (for Electrical work) will be encrypted under Financial Bid.

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

- i. Current Income Tax return (for the assessment year 2023-24), & Professional Tax receipt challan for the current financial year.
- ii. Valid Supervisory license (1,2,11,6A) and Electrical contractor License
- iii. Registered Deed of partnership Firm
- iv. Trade License from the respective Municipality/Panchayet etc.
- v. PAN, GST Registration Certificate
- vi. Requisite Credential Certificate as mention in Clause [2(i)] of this N.I.T.
- vii. **If the bidder originated from only civil background, then they need to have a formal tie up MOU with a bonafied electrical contractor and both the contractor (Electrical/Civil) have to submit the all required credential and documents as mentioned in the NIT & If the bidder**

**originated from only Electrical background, then they need to have a formal tie up MOU with a bonafied Civil contractor and both the contractor (Electrical/Civil) have to submit the all required credential and documents as mentioned in the NIT**

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.

Sl. No.	Category Name	Sub Category Descriptio	Details
A.	CERTIFICATES	CERTIFICATES	Current Income Tax return (for the assessment 2023-24), PAN, GST Registration Certificate & Professional Tax receipt challan for the current financial year ,V a l i d Supervisory license(1,2,11,6A) and Electrical contractor License, Trade License,
B.	Company Details	Company Details – I	'Certificate of Registration' from the respective Assistant Registrar of Co – operative Societies (only for Regd. Unemployed Engineer's Co – Operative Society Limited)
C.	Credential (in applicable cases)	Credential	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 site wise Annexure A & Annexure B)
- 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 (vi) Megger (viii) tester (ix) testing equipment (x) all required tools & tackles etc.

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

## SECTION – B

### 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- 567/2023, Dated -19/09/2023 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 - B

### FORM - II

**B.2.**

**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 – B**

**FORM- III**

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

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

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

\_\_\_\_\_

Mobile No.::\_\_\_\_\_

Email id ::\_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

**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**

**FORM-V**

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**

**FORM - VI**  
**FORM OF PERFORMANCE SECURITY BANK GUARANTEE**

In consideration of the Employer having agreed under the terms and conditions of contract made vide his Notification of Award No.-----dated ---- between West Bengal Medical Services Corporation Ltd. (WBMSCL) (the Employer) represented by its Managing Director and \_\_\_\_\_(hereinafter called "the said Contractor) for "Completion of the above mentioned work" (herein after called the said Agreement") the Contractor having agreed to production of a irrevocable Bank Guarantee for Rs. ----- (Rupees ----- Only) as a Security/Guarantee for compliance of his obligations in accordance with the terms and conditions in the said Agreement:

1. We ----- (indicate the name of the Bank) (hereinafter referred to as "the Bank" hereby undertake to pay to the WEST BENGAL MEDICAL SERVICES CORPORATION LTD., an amount not exceeding Rs. ----- (Rupees -----only) on demand by WBMSCL.
2. We -----(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demur, merely on a demand from WBMSCL for and on behalf of the Employer as an Agent/Power of Attorney Holder stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this Guarantee shall be restricted to an amount not exceeding Rs.----- (Rupees -----only).
3. We, the said Bank further under take to pay to the Employer represented by WBMSCL for and on behalf of the Employer as an Agent/Power of Attorney Holder any money so demanded notwithstanding any dispute or disputes raised by the Contractor in any suit or proceeding pending before any court or Tribunal relating thereto, our liabilities under this present being absolute and unequivocal. The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment thereunder and the Contractor shall have no claim against us for making such payment.
4. We ----- (Indicate the name of the Bank) further agree that the Guarantee herein contained shall remain in full force and effect for a period of 12 months from the date of issue and upon being extended for similar periods of 12 months each, it shall continue to be enforceable till all dues of the Employer under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till the Employer's Representative on behalf of the Employer certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor and accordingly discharges this Guarantee.
5. We ----- (indicate the name of the Bank) further agree with the Employer, that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations

hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Contractor(s) and to forbear from or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Employer or any indulgence by the Employer to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
7. This Guarantee will neither be cancelled nor revoked by the Bank without the written authorization of WBMSCL. For this purpose, the beneficiary WBMSCL would inform the Bank of their authorized signatories together with the specimen signatures.
8. This Guarantee shall be valid up to a period of 12 months from the date of issue unless extended on demand by the Employer. Notwithstanding anything mentioned above, our liability against this Guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ Only) and unless a claim in writing is lodged with us within the date of expiry or the extended date of expiry of this Guarantee, all our liabilities under this Guarantee shall stand discharged.

Dated the \_\_\_\_\_ day of \_\_\_\_\_ for \_\_\_\_\_ (indicate the name of the Bank)".

Note : To be put in sealed cover by Bank and addressed to the concerned officer of WBMSCL.

**BOQ(Bill of Quantity)****Civil, Plumbing and Electrical works for Construction of Model AYUSH OPD Building at Jamalpur BPHC & Kurmun BPHC in the district of Purba Bardhaman, West Bengal (2<sup>nd</sup> Call).****BOQ of Civil, Plumbing works at Jamalpur BPHC****Annexure A:- (Civil, Plumbing work at Jamalpur BPHC)**

Sl no.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)
1	<i>Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed.</i>				
	<i>Total Quantity =</i>	Sqm	96.080	₹ 11.92	₹ 1,145.27
2	<i>(a) Anti termite treatment to bottom surface ( in case of masonry foundation and basements) and the sides (upto a height of 300 mm. from bottom) of the excavation trenches with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight at the rate of 5 Litres per sq. m. area. The work shall be carried out as per specification described in 6.2.1. of code IS-6313 (part -II) 1981. (Mode of measurment will be the plan area of foundation treated.)</i>				
	<i>Total Quantity =</i>	Sqm	71.405	₹ 110.84	₹ 7,914.53
3	<i>Earth work in excavation of foundation trench in all sorts of soil (including mixed soil but excluding laterite of sand stone) including the spoils with in a lead of 75,m as directed. The includes necessary trimming the sides of trenches leveling dressing and ramming the bottom bailing out water as required complete.</i> <i>(a) Depth of excavation not exceeding 1,500 mm.</i>				
	<i>Total Quantity =</i>	Cum	21.204	₹ 142.15	₹ 3,014.15

4	<i>Earth work in filling in foundation trenches or plinth with good earth,in layers not exceeding 150 mm. including watering &amp; ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished qty. of work )(a)With earth obtained from excavation of foundation</i>				
	<i>Total Quantity =</i>	Cum	10.415	₹ 92.42	₹ 962.55
5	<i>(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)</i> <i>(B) Do by fine sand</i>				
	<i>Total Quantity =</i>	Cum	19.288	₹ 763.77	₹ 14,731.60
6	<i>Single Brick flat soling of picked jhama brick including raming and dressing bed to proper level and filling joints with powdered earthor local sand.</i>				
	<i>Total Quantity =</i>	Cum	140.906	₹ 386.14	₹ 54,409.44
7	<i>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> <i>a) Pakur Variety M15 Grade P.C.C.</i>				
	<i>Total Quantity =</i>	Cum	8.426	₹ 5,807.73	₹ 48,935.93
8	<i>Hire and labour charges for shuttering of requisite thickness inclusive of staging for structural members viz concrete floor/roof slabes in position including horizontal runners horizontal diagonal bracing providing stone vertical props and striking out carefully after completion of works.(height of props upto 4 M).</i>				
	<i>(f) 25 mm to 30 mm shuttering without staging in foundation</i>				
	<i>Total Quantity =</i>	Sqm	93.424	₹ 244.32	₹ 22,825.35
	<i>(a) 25 mm to 30 mm thick wooden shuttering as per decision &amp; direction ofEngineer-In-Charge.</i>				
	<i>Total Quantity =</i>	Cum	113.864	₹ 390.91	₹ 44,510.58
9	<i>Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.</i>				

	<i>Total Quantity =</i>	Cum	24.253	₹ 6,410.28	₹ 155,468.52
10	<i>Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. II. JSW/JSPL/SHYAM/SRMB/BMASL/ELECROSTEEL/SSL</i>				
	<i>Total Quantity =</i>	MT	2.396	₹ 65,481.15	₹ 156,892.84
11	<i>25mm. thick damp proof course with cement concrete with stone chips (1:1.5:3) [with graded stone aggregate 10 mm nominal size] and admixture of water proofing compound as per manufacturer's specification followed by two coat of polymer based paint, (1st coat after 4 to 5 days of ..... polymer based paint to be paid separately).( Chequering not required over concrete or painted surface). [Note: - Waterproofing as per item 9, polymer based paint as per item 8 (a) of subhead C of Section (C).</i>				
	<i>Total Quantity =</i>	Sqm	8.190	₹ 205.18	₹ 1,680.42
12	<i>(b) Applying 2 coats of Non-Toxic Acrylic Polymer modified Paint having adhesive &amp; waterproofing properties by mixing in proportion (1 liquid: 4 cementitious material) or as per manufacturer's specification for water proofing layer in water tank etc. (No Departmental Cement is required)</i>				
	<i>Total Quantity =</i>	Sqm	15.690	₹ 306.29	₹ 4,805.69
13	<i>Brick work with 1st class bricks in cement mortar (1:6)</i>				
	<i>(a) In foundation and plinth</i>				
	<i>Total Quantity =</i>	Cum	6.516	₹ 5,681.37	₹ 37,019.81
	<i>(b) In superstructure, ground floor</i>				
	<i>Total Quantity =</i>	Cum	14.222	₹ 5,947.14	₹ 84,580.23
14	<i>125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.</i>				
	<i>Total Quantity =</i>	Sqm	69.983	₹ 782.46	₹ 54,758.90
15	<i>Extra for using approved H.B netting in every third layer in 16 &amp; 17 of subhead A above in any floor</i>				

		<i>Total Quantity =</i>	Sqm	69.983	₹ 48.86	₹ 3,419.37
16	<i>Labour for Chipping of concrete surface before taking up Plastering work.</i>					
		<i>Total Quantity =</i>	Sqm	129.034	₹ 25.03	₹ 3,229.72
17	<i>Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding /staging where necessary (Groundfloor) . [Excluding cost of chipping over concrete surface]</i>					
	<b>Outside Wall</b>					
	<i>20 mm thick plaster, with (1:6) cement mortar</i>					
		<i>Total Quantity =</i>	Sqm	160.856	₹ 180.83	₹ 29,087.59
	<b>Inside Wall</b>					
	<i>15 mm thick plaster, with (1:6) cement mortar</i>					
		<i>Total Quantity =</i>	Sqm	179.334	₹ 159.17	₹ 28,544.59
	<i>10 mm thick plaster, with (1:4) cement mortar</i>					
		<i>Total Quantity =</i>	Sqm	43.375	₹ 143.67	₹ 6,231.69
18	<i>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 @ 2.91 kg./sq.m. or using polymerised adhesive (6 mm thick layer applied directly over ..... of tiles/epoxy grout material 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). Light Colour.</i>					
		<i>Total Quantity =</i>	Sqm	44.144	₹ 1,496.22	₹ 66,049.14

	<i>Supplying,fitting &amp; fixing 1st quality Ceramic tiles in walls to match with the existing work &amp; 4nos of key stones (10mm) fixed with araldite at the back of each tiles &amp; 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 &amp; grout materials etc.</i>				
19	<i>(A) Floor With Sand Cement Mortar (1:4) 20 mm thick &amp; 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m &amp; joint filling using white cement slurry @ 0.20kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m (i) Coloured decorative</i>				
	<i>Total Quantity =</i>	Sqm	4.800	₹ 1,061.23	₹ 5,093.90
	<i>(B) Wall With sand cement mortar (1:3) 15mm thick &amp; 2mm thick cement slurry at back side of tiles using cement @ 2.91kg/sqm &amp; joint filling using white cement slurry @ 0.20kg/sqm. (b) Area of each tile above 0.09 Sq.m (i) Coloured decorative</i>				
	<i>Total Quantity =</i>	Sqm	21.780	₹ 1,296.01	₹ 28,227.10
20	<i>(b)Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand (1.5 mm thick)</i>				
	<i>Total Quantity =</i>	Sqm	222.709	₹ 131.10	₹ 29,197.15
21	<i>Supplying,fitting &amp; fixing of 2-Track / 3-Track Aluminium sliding Window of all Aluminium sections viz. window frame (top,bottom &amp; side frame), shutter (top, bottom, side &amp; interlock member) made of aluminium alloy extrusions conforming to IS 733-1983 &amp; IS 1285-1975, annodised conforming to IS 1868-1983, fitted with all other accessories viz. PVC roller, EPDM gasket, maruti lock, screws etc. including labour charges for fitting &amp; fixing of aluminium 2-track/3-track sliding window with fixing of glass (excluding cost of glass) all complete as per architectural drawings and direction of Engineer-in-charge. 10-12 Micron thickness Annodizing film</i>				

	<i>For 2-Track window : Members for Bottom frame @ 0.875 Kg per Mtr. and for Top and Side frame @ 0.778 Kg per Mtr. and for shutter Bottom and Top member @ 0.472 Kg per Mtr., Style side member @ 0.493 Kg per Mtr. and Interlock member @ 0.612 Kg per Mtr.</i>				
	<i>For Window (W=1200 x 1200) &amp; For Vent (V=600 x 600)</i>				
	<i>Total Quantity =</i>	Kg	44.267	₹ 533.93	₹ 23,635.48
22	<i>Supplying, fitting &amp; fixing of partly glazed partly panelled or fully glazed single leaf Aluminium swing door of all aluminium sections viz door frame ( top and side frame), shutter( top rail, bottom rail, lock rail, door vertical) , glazing clip made of Aluminium Alloy Extrusions conforming to IS: 733-1983 and IS: 1285-1975, annodized conforming to IS:1868- 1983, fitted with all other accessories viz. EPDM gasket,cleat, angle screws etc. including labour charges for fitting and fixing of aluminium door with door spring,/aluminium hinges, glass / Panel board all complete as per architectural drawings and direction of Engineer-incharge. ( Excluding cost of glass/ panel board, door spring/ Al hinges, door closer, door stoper, handle, tower bolt and locking arrangment etc) 10-12 Micron thickness Annodizing film</i>				
	<i>(unit wt of to Top &amp; side frame @1.366 kg/m ; top rail @ 1.296 kg/m; bottom rail @ 1.974 kg/m; lock rail @ 1.590 kg/m; door vertical @ 1.412 kg/m; glazing clip @ 0.167 kg/m. )</i>				
	<i>Aluminium Door [size (900 x 2100)] &amp;Aluminium Door Double leaf [size (1200 x 2100)]</i>				
	<i>Total Quantity =</i>	Kg	89.103	₹ 458.84	₹ 40,884.02
23	<i>Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987.</i>				
	<i>(ii) 4 mm. thick coloured/tinted/smoke glass.</i>				
	<i>Total Quantity =</i>	Sqm	7.920	₹ 557.76	₹ 4,417.46
	<i>(vi) 6 mm. thick coloured/tinted/smoke glass.</i>				
	<i>Total Quantity =</i>	Sqm	4.095	₹ 787.78	₹ 3,225.96

24	<p>Providing and fixing exterior quality Aluminium Composite Panel (ACP) wall cladding on existing Al. /MS frame work with GI brackets, ACP fixed on the existing frame work by folding the edges of ACP panel (Engraving the rear surface of ACP sheet) with CP angles, cleats and stainless Steel screws forming groves at the periphery of ACP panel. Such grooves filled with foam and silicon sealant etc. complete with all materials (but including the cost of silicon sealant), labour, scaffolding and all other incidental charges complete in all respect as per specification and direction of Engineer-in-charge. (Mode of payment is on finished surface area of ACP)</p> <p>(b) 4mm thick (0.50mm Al.+3.0mm LDPE +0.50mm Al. PVDF coating)</p>				
	Total Quantity =	Sqm	4.095	₹ 3,430.00	₹ 14,045.85
25	<p>Supplying EPDM gasket of approved make and brandas per direction of Engineer-in-Charge. (i) For sliding windows b) 'U' shaped EPDM gasket for frames.</p>				
	Total Quantity =	Mtr	141.600	₹ 17.88	₹ 2,531.81
26	<p>Supplying PVC rollers for sliding windows as per direction of Engineer-in-Charge.</p>				
	Total Quantity =	Each	20.000	₹ 16.69	₹ 333.80
27	<p>Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units :-</p> <p>A) Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size drilling and alinging of window and shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and ..... requisite size and fixing the glass as per drawing, specification and direction of Engineer in Charge. The rate including all incidental charges of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excludes the cost of extuded aluminium sections, glass, neoprene/EPDM gasketing, locking arrangement and rollers..</p> <p>(ii) 2 track sliding window.</p>				
	Total Quantity =	Sqm	7.920	₹ 829.49	₹ 6,569.56

	<i>B) Partly glazed partly panelled or fully glazed leaf aluminium swing door made of extruded and anodised alloy aluminium sections, fabrication including cutting to proper shape and size, drilling and aligning, fitted with heavy duty hydraulic action floor spring placed in the floor with mending ..... towerbolt, glazing clips etc. (10% rate reduction has to be made for swing doors or partitions where floor spring is not used. 10% enhancement of rate is to be made where door frame of extruded aluminium sections has to be fitted and fixed to masonry wall, 5% rate enhancement may be allowed for double leaf swing door. Payment shall be made for the shutter area only except where door frame is fixed the entire opening shall be taken to consideration Payment for door frame sections are to be paid separately).</i>				
	<i>Door installation</i>				
	<i>Total Quantity =</i>	Sqm	8.190	₹ 1,526.70	₹ 12,503.67
28	<i>Supplying, Fitting &amp; Fixing Factory made prelaminated P.V.C. door frame of size 50 mmx47 mm with a wall thickness of 5 mm, made out of extruded 5 mm Prelaminated PVC sheet miter cut at two corners and joined with two nos of 1.5 mm long brackets of 15 mm x15 mm M.S. square tube. The two vertical door profiles are to be reinforced with 19 mmx 19 mm M.S. Square tube of 19 gauge, weather seal to be provided through out the frame. The door frame shall be fixed with the wall using 65/100 mm M.S. Screws through the frame by using P.V.C fasteners. A minimum of 4 Nos of screws to be provided for each vertical member and minimum 2 Nos for horizontal member etc. complete as per Manufacturer's specification and direction of Engineer-in-Charge.</i>				
	<i>Total Quantity =</i>	Mtr	9.900	₹ 458.84	₹ 4,542.52
29	<i>Supplying, Fitting &amp; Fixing 30 mm thick both side prelaminated Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mmx19 mm for styles, top and bottom rails, M.S. frame shall have cost of steel primers of approved make and manufacture, M.S. frame ..... with 7 mm (5 mm+2 mm) th.x15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent adhesive etc. complete excluding all necessary hardwares as per</i>				

	<i>direction of Engineer-in- Charge.</i>				
	<i>Total Quantity =</i>	Sqm	3.150	₹ 2,905.61	₹ 9,152.67
30	<i>F) Supplying Zinc powered coated star lock.(Natural White)</i>				
	<i>Total Quantity =</i>	Each	10.000	₹ 47.67	₹ 476.70
31	<i>Anodised aluminium barrel/tower/socket bolt (full covered) of approved quality manufactured from extruded section conforming to I.S.204/74 fitted and fixed with cadmium plated screws : (iii) 100mm long x 10mm dia. bolt.</i>				
	<i>Total Quantity =</i>	Each	9.000	₹ 63.17	₹ 568.53
32	<i>(B) Supplying 125 mm. Dia acrylic handle for aluminium door as per approved make &amp; brand. (a) Natural Colour</i>				
	<i>Total Quantity =</i>	Each	14.000	₹ 215.72	₹ 3,020.08
33	<i>i) Hydraulic door closer of approved quality as per I.S.I. standard fitted and fixed complete (b) Medium (I.S.I. size 2)</i>				
	<i>Total Quantity =</i>	Each	2.000	₹ 1,628.00	₹ 3,256.00
34	<i>Door stopper (Anodised aluminium)</i>				
	<i>Total Quantity =</i>	Each	5.000	₹ 83.43	₹ 417.15
35	<i>Supplying 4 lever mortice lock or any approved make and brand as per direction of the Engineer-in -Charge. i) 150 mm.</i>				
	<i>Total Quantity =</i>	Each	4.000	₹ 450.50	₹ 1,802.00

36	(a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (Add extra @ 1% for each addl. floor upto 4th floor and @ 1.25% for each addl. floor above 4th floor) (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.				
	Total Quantity =	Qntl.	2.260	₹ 11,784.52	₹ 26,633.02
37	Collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete. In ground floor. (Payment will be made on the area of the gate covered by two guard rails and two extreme channels).				
	Total Quantity =	Sqm	3.780	₹ 5,160.49	₹ 19,506.65
38	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor) (a) One Coat                      i) Water based interior grade Acrylic Primer				
	Total Quantity =	Sqm	222.709	₹ 36.70	₹ 8,173.42
39	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (Two coats) i) Standard Quality				
	Total Quantity =	Sqm	222.709	₹ 73.89	₹ 16,455.97
40	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. In Ground Floor: (a) One Coat				
	Total Quantity =	Sqm	160.856	₹ 37.42	₹ 6,019.23

41	<i>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. In Ground floor (Two Coat) b) Premium 100% Acrylic Emulsion</i>				
	<i>Total Quantity =</i>	Sqm	160.856	₹ 100.11	₹ 16,103.29
42	<i>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.</i>				
	<i>Total Quantity =</i>	Sqm	21.810	₹ 34.56	₹ 753.75
43	<i>(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 super gloss (hi-gloss) -(iv) Two coats (with any shade except white)</i>				
	<i>Total Quantity =</i>	Sqm	21.810	₹ 94.15	₹ 2,053.41
44	<i>Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding ..... flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement (iii) 35 mm. thick</i>				
	<i>Total Quantity =</i>	Sqm	15.060	₹ 374.48	₹ 5,639.67
45	<i>18 mm. to 22 mm. thick, kota stone slab set in 20 mm thick (avg) cement mortar (1:4) in floor, stair &amp; lobby including pointing in cement slurry with admixture of pigment matching the stone shade, including grinding &amp; polishing as per direction of Engineer - in - charge to match with the existing work. [Slurry for bedding @ 4.4 kg/Sq.m and pointing @2.0 kg/Sq.m]</i>				
	<i>Total Quantity =</i>	Sqm	5.445	₹ 1,186.37	₹ 6,459.78

46	<p>Supplying &amp; laying 20 mm designer chequered tiles of any shade and of approved quality as per IS: 1237: 1980 laid in patterns as directed in pavement, footpath including necessary underlay 25 mm thick average cement mortar (1:3) complete in all respect with all labour and materials [using cement slurry @ 4.4 kg/Sq.m at back side of tiles. Cement of mortar &amp; slurry will be supplied by the Department. Border concrete if necessary to be paid separately].</p>				
	Total Quantity =	Sqm	5.160	₹ 958.52	₹ 4,945.96
47	<p>Roof treatment by application of non toxic polyurethane modified acrylic based single component (P U Roof Coat) solvent free, cold applied polyurethane modified elastomeric waterproofing membrane with excellent UV resistant capacity as per ASTM D6083fa water based 100% acrylic elastomeric emulsion polymer latex coating .... used as protective coating for roofs} after preparing the surface by cleaning and repairing the roof cracks by cement &amp; sand mortar (1:4), preferably with antishrinkage mortar (to be paid separately) if any, apply two coats along with a 5 ~ IPrimingcoat(two coats of P U Roof Coat and one coat of primer coat compatible with Sqm. i main product as per manufacturers specification) and reinforced with or without 20 ~ gm GeotextileFleece, including the cost of primer coat and basepreparation, tools &amp; IPlantsbut excluding the cost of scaffolding and stagging complete as per direction of Engineer -in-charge. (Note: If Geotextile Fleece not used ,the rate would be reduced by Rs. 5/-per Sqm)</p>				
	Total Quantity =	Sqm	73.541	₹ 512.98	₹ 37,725.06
48	<p>M.S. structural works with hollow sections (square or rectangular shape) conforming to IS: 806-1968 &amp; IS:1161-1998) connected to one another with bracket, gusset, cleat as per design, drawing &amp; direction of Engineer-in-Charge complete including cutting to requisite shape &amp; size, fabrication including metal arc welding conforming to IS: 816-1969 &amp; 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 all M.S. Hollow section, all consumables such as electrodes, gas and hire charges of all tools and plants and labour required for execution and all incidental chages (such as electricity, labour insurance) etc. complete ii) For other Structural works like galleries etc.</p>				

	<i>Railling 50 mm dia 2.6 mm thk MS hollow section &amp; Unit wt @3.73 Kg per Mtr</i>				
	<i>Total Quantity =</i>	MT	0.133	₹ 89,265.82	₹ 11,872.35
<b>Annexure B (S &amp; P work)</b>					
49	<i>Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. (a) With 'P' trap (with vent)</i>				
	<i>Total Quantity =</i>	Each	2	₹ 3,699.35	₹ 7,398.70
50	<i>Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.</i>				
	<i>Total Quantity =</i>	Each	2	₹ 1,209.68	₹ 2,419.36
51	<i>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. pillar cock 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</i>				
	<i>Total Quantity =</i>	Each	3	₹ 3,885.27	₹ 11,655.81
52	<i>Supply of UPVC pipes (B Type) &amp; fittings conforming to [S-13592-1992 (A) (ii) Double Socketed 3 Meter Length (b) 110 mm</i>				
	<i>Total Quantity =</i>	Metre	18.050	₹ 375.42	₹ 6,776.33

	<b>(B) Fittings</b>				
	<i>xi) Door Bend (T.S.)      ii) 110 mm. Dia.</i>				
	<i>Total Quantity =</i>	Each	8	₹ 175.19	₹ 1,401.52
	<i>xv) Vent Cowl                  (b) 110 mm</i>				
	<i>Total Quantity =</i>	Each	3	₹ 39.33	₹ 117.99
	<i>(i) Coupler                      (b) 110 mm</i>				
	<i>Quantity for Jamalpur BPHC =</i>	Each	10		
	<i>Total Quantity =</i>	Each	10	₹ 101.30	₹ 1,013.00
	<i>(ii) Plain Tee,                  (b) 110 mm</i>				
	<i>Total Quantity =</i>	Each	3	₹ 101.30	₹ 303.90
	<i>(iii) Door Tee,                  (b) 110 mm</i>				
	<i>Total Quantity =</i>	Each	2	₹ 232.40	₹ 464.80
	<i>xvi) Pipe Clip</i>				
	<i>Total Quantity =</i>	Each	35	₹ 25.03	₹ 876.05
	<i>xvii) W.C. Connector (150 mm long) 125 X 110(W/WC Ring) 75 mm</i>				
	<i>Total Quantity =</i>	Each	2	₹ 169.24	₹ 338.48
	<i>xix) W.C. Connector Bend W / lipring 75 mm</i>				
	<i>Total Quantity =</i>	Each	2	₹ 189.50	₹ 379.00
	<i>xx) 125/110 P Trap with W.C. Ring, 75 mm</i>				
	<i>Total Quantity =</i>	Each	2	₹ 405.21	₹ 810.42
	<b>C) Rubber Lubricant 500 ML</b>				
	<i>Total Quantity =</i>	Each	4	₹ 222.87	₹ 891.48
	<b>D) Solvent Cement 250 ML</b>				
	<i>Total Quantity =</i>	Each	6	₹ 122.76	₹ 736.56
53	<i>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 ..... upto 1.5 metre and refilling the same complete as per direction of the Engineer in-charge. (Payment will be made on</i>				

Conti.  
Item  
52

	<i>centre line measurement of the total pipeline including specials.(A) Above ground (ii) 110 mm dia.</i>				
	<i>Total Quantity =</i>	Mtr	18.050	₹ 67.93	₹ 1,226.14
54	<i>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, ..... coats of painting with approved paint in any position above ground. (a) For Exposed Work PVC Pipes</i>				
	<i>i) 15 mm</i>				
	<i>Total Quantity =</i>	Mtr	20.150	₹ 120.37	₹ 2,425.46
	<i>ii) 20 mm</i>				
	<i>Total Quantity =</i>	Mtr	11.000	₹ 153.74	₹ 1,691.14
Conti. Item 54	<i>iii) 25 mm</i>				
	<i>Total Quantity =</i>	Mtr	6.000	₹ 210.95	₹ 1,265.70
	<i>iv) 32 mm</i>				
	<i>Total Quantity =</i>	Mtr	45.000	₹ 281.26	₹ 12,656.70
55	<i>Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.) (vii) 25 mm dia</i>				
	<i>25 mm dia</i>				
	<i>Total Quantity =</i>	Each	1	₹ 1,086.92	₹ 1,086.92
	<i>32 mm dia</i>				
	<i>Total Quantity =</i>	Each	2	₹ 1,499.28	₹ 2,998.56
56	<i>Supplying, fitting and fixing bib cock or stop cock. (d) (i) Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 &amp; Model - Florentine of Jaquar or similar brand).</i>				

	<i>Total Quantity =</i>	Each	5	₹ 971.32	₹ 4,856.60
57	<i>Supplying, fitting and fixing pillar cock of approved make</i>				
	<i>f) (ii) CP 2-way bib Cock - 15 mm, supplied, fitted and fixed. (Code No.5041 &amp; Model - FLORENTINE of JAQUAR or similar brand).</i>				
	<i>Total Quantity =</i>	Each	2	₹ 1,512.39	₹ 3,024.78
58	<i>Supplying, fitting and fixing shower of approved brand and make</i>				
	<i>(f) Hand Shower(Health Faucet) with Imtr Flexible Tube with Wall Hook(Equivalent to Code No.573 &amp; Model - ALLIED of Jaquar or similar).</i>				
	<i>Total Quantity =</i>	Each	2	₹ 1,490.94	₹ 2,981.88
59	<i>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. 600 mm long.</i>				
	<i>Total Quantity =</i>	Each	5	₹ 127.52	₹ 637.60
60	<i>Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. (ii) 600 mm X 450 mm</i>				
	<i>Total Quantity =</i>	Each	3	₹ 576.83	₹ 1,730.49
61	<i>Supplying, fitting &amp; fixing Aluminium domical grating. (iii) 100 mm</i>				
	<i>Total Quantity =</i>	Each	2	₹ 58.40	₹ 116.80
62	<i>f) (i) CP Pillar Cock with 200 mm extended Lever Handle (Equivalent to Code No. 5031 &amp; Model - FLORENTINE of JAQUAR or similar brand).</i>				
	<i>Total Quantity =</i>	Each	3	₹ 1,260.92	₹ 3,782.76
63	<i>Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity</i>				
	<i>Total Quantity =</i>	Each	1	₹ 6,111.55	₹ 6,111.55

64	<i>Labour for hoisting plastic water storage tank. (i) Upto 1500 litre capacity. (a) Upto 1st story from G.L.</i>				
	<i>Total Quantity =</i>	Each	1	₹ 114.41	₹ 114.41
65	<i>Labour for punching hole in plastic water storage tank upto 50 mm dia.</i>				
	<i>Total Quantity =</i>	Each	3	₹ 22.64	₹ 67.92
66	<i>Supplying &amp; laying Double Wall Corrugated (with external annular corrugation and smooth internal walls) High Density Polyethelene Pipes conforming to IS 16098 (Part-II):2013 having Stiffness Class of SN 8 with Ring Stiffness not less than 8.00 KN/Sqm. and Impact Resistance TIR value not more than 10% including necessary jointing materials for non pressure underground Drainage, Sewerage &amp; Cross drainage application. (i) 150mm internal dia.</i>				
	<i>Total Quantity =</i>	Mtr	12.000	₹ 500.56	₹ 6,006.72
67	<i>Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and outside walls upto G.L. and 20 mm.thick (1:4) plaster to ....., filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials ii) With Pakur variety</i>				
	<i>Total Quantity =</i>	Each	2	₹ 7,960.03	₹ 15,920.06
68	<i>Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (1:4) including two 560 mm dia. R.C.C. manhole cover(heavy type)of approved make supplied, fitted and fixed in the 100mm thickR.C.C (1:1.5:3) top slab with necessary fittings, 20mm thick cement plaster (4 : 1) with neat cement finish to the internal surfaces and 15 mm thick cement plaster (4 : 1) to outside wall upto 200 mm below G.L floor finished with 25 mm thick ..... l stone flooring is to be done with admixture of water proofing compound @ 0.5% by weight of cement with all costs of labour and materials. Note:- (i) Finished level of Septic Tank should be 400 mm. from Ground Level. (ii) Height of 50 mm. Ventilation pipe &amp;Mosquito proof mesh,</i>				

	<i>should be followed as per IS:2470,PartI.Payment will be made separately on the basis of actual height based on relevant I.S.Code.</i>				
	<i>(iii) For 30 users septic tank</i>				
	<i>Total Quantity =</i>	Each	1	₹ 70,177.95	₹ 70,177.95
69	<i>Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1.6 metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round and cement brick work (1:4) upto 0.90 metre from top with 20mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15mm thick cement plaster (1:4) on outer face from top of the well upto G.L. .... connections, excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m inside dia. ii) With Pakur variety (JSW/JSPL/SHYAM/ SRMB/BMASL/ELECRSTEEL/SSL)</i>				
	<i>Total Quantity =</i>	Each	1	₹ 18,269.10	₹ 18,269.10
Total =					₹ <b>1,379,193.52</b>
Say =					₹ <b>1,379,194.00</b>
<b>Rupees Thirteen lakh seventy nine thousand one hundred ninety Four only</b>					

**Name of the Work: Civil, Plumbing and Electrical works for Construction of Model AYUSH  
OPD Building in the district of Purba Bardhaman, West Bengal (2<sup>nd</sup> Call).**

**BOQ of Civil & Plumbing work at Kurmun BPHC**

**Annexure B :- (Civil & Plumbing work at Kurmun BPHC)**

Sl no.	Description of Item	Unit	Quantity	Rate (incl. GST & L.Cess)	Amount (incl. GST & L.Cess)
1	<i>Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed.</i>				
	<i>Total Quantity =</i>	Sqm	96.080	₹ 11.92	₹ 1,145.27
2	<i>(a) Anti termite treatment to bottom surface ( in case of masonry foundation and basements) and the sides (upto a height of 300 mm. from bottom) of the excavation trenches with chemical emulsion by admixing chloropyrofos emulsifiable concentrates (1% concentration) with water by weight at the rate of 5 Litres per sq. m. area. The work shall be carried out as per specification described in 6.2.1. of code IS-6313 (part -II) 1981. (Mode of measurment will be the plan area of foundation treated.)</i>				
	<i>Total Quantity =</i>	Sqm	71.405	₹ 110.84	₹ 7,914.53
3	<i>Earth work in excavation of foundation trench in all sorts of soil (including mixed soil but excluding laterite of sand stone) including the spoils with in a lead of 75,m as directed. The includes necessary trimming the sides of trenches leveling dressing and ramming the bottom bailing out water as required complete. (a) Depth of excavation not exceeding 1,500 mm.</i>				
	<i>Total Quantity =</i>	Cum	21.204	₹ 142.15	₹ 3,014.15
4	<i>Earth work in filling in foundation trenches or plinth with good earth,in layers not exceeding 150 mm. including watering &amp; ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished qty. of work ) (a)With earth obtained from excavation of foundation</i>				
	<i>Total Quantity =</i>	Cum	10.415	₹ 92.42	₹ 962.55

5	(A) Filling in foundation or plinth by silver sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity) (B) Do by fine sand				
	Total Quantity =	Cum	19.288	₹ 763.77	₹ 14,731.60
6	Single Brick flat soling of picked jhama brick including raming and dressing bed to proper level and filling joints with powdered earthor local sand.				
	Total Quantity =	Cum	140.906	₹ 386.14	₹ 54,409.44
7	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. a) Pakur Variety M15 Grade P.C.C.				
	Total Quantity =	Cum	8.426	₹ 5,708.11	₹ 48,096.53
8	Hire and labour charges for shuttering of requisite thickness inclusive of staging for structural members viz concrete floor/roof slabs in position including horizontal runners horizontal l diagonal bracing providing stone vertical props and striking out carefully after completion of works.(height of props upto 4 M).				
	(f) 25 mm to 30 mm shuttering without staging in foundation				
	Total Quantity =	Sqm	93.424	₹ 244.32	₹ 22,825.35
	(a) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-In-Charge.				
	Total Quantity =	Cum	113.864	₹ 390.91	₹ 44,510.58
9	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.				
	Total Quantity =	Cum	24.253	₹ 6,312.89	₹ 153,106.52

10	<i>Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. II. JSW/JSPL/SHYAM/ SRMB/BMASL/ELECROSTEEL/SSL</i>				
	<i>Total Quantity =</i>	MT	2.396	₹ 65,502.18	₹ 156,943.22
11	<i>25mm. thick damp proof course with cement concrete with stone chips (1:1.5:3) [with graded stone aggregate 10 mm nominal size] and admixture of water proofing compound as per manufacturer's specification followed by two coat of polymer based paint, (1st coat after 4 to 5 days of ..... polymer based paint to be paid separately).( Chequering not required over concrete or painted surface). [Note: - Waterproofing as per item 9, polymer based paint as per item 8 (a) of subhead C of Section (C).</i>				
	<i>Total Quantity =</i>	Sqm	8.190	₹ 205.18	₹ 1,680.42
12	<i>(b) Applying 2 coats of Non-Toxic Acrylic Polymer modified Paint having adhesive &amp; waterproofing properties by mixing in proportion (1 liquid: 4 cementitious material) or as per manufacturer's specification for water proofing layer in water tank etc. (No Departmental Cement is required)</i>				
	<i>Total Quantity =</i>	Sqm	15.690	₹ 306.29	₹ 4,805.69
13	<i>Brick work with 1st class bricks in cement mortar (1:6)</i>				
	<i>(a) In foundation and plinth</i>				
	<i>Total Quantity =</i>	Cum	6.516	₹ 5,681.37	₹ 37,019.81
	<i>(b) In superstructure, ground floor</i>				
	<i>Total Quantity =</i>	Cum	14.222	₹ 5,947.14	₹ 84,580.23
14	<i>125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.</i>				
	<i>Total Quantity =</i>	Sqm	69.983	₹ 782.46	₹ 54,758.90
15	<i>Extra for using approved H.B netting in every third layer in 16 &amp; 17 of subhead A above in any floor</i>				

		<i>Total Quantity =</i>	Sqm	69.983	₹ 48.86	₹ 3,419.37
16	<i>Labour for Chipping of concrete surface before taking up Plastering work.</i>					
		<i>Total Quantity =</i>	Sqm	129.034	₹ 25.03	₹ 3,229.72
17	<i>Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding /staging where necessary (Groundfloor) . [Excluding cost of chipping over concrete surface]</i>					
	<b>Outside Wall</b>					
	<i>20 mm thick plaster, with (1:6) cement mortar</i>					
		<i>Total Quantity =</i>	Sqm	160.856	₹ 180.83	₹ 29,087.59
	<b>Inside Wall</b>					
	<i>15 mm thick plaster, with (1:6) cement mortar</i>					
		<i>Total Quantity =</i>	Sqm	179.334	₹ 159.17	₹ 28,544.59
18	<i>10 mm thick plaster, with (1:4) cement mortar</i>					
		<i>Total Quantity =</i>	Sqm	43.375	₹ 143.67	₹ 6,231.69
	<i>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 @ 2.91 kg./sq.m. or using polymerised adhesive (6 mm thick layer applied directly over ..... of tiles/epoxy grout material 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). Light Colour.</i>					
	<i>Total Quantity =</i>	Sqm	44.144	₹ 1,496.22	₹ 66,049.14	

	<p>Supplying,fitting &amp; fixing 1st quality Ceramic tiles in walls to match with the existing work &amp; 4nos of key stones (10mm) fixed with araldite at the back of each tiles &amp; 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 &amp; grout materials etc.</p>				
19	<p>(A) Floor With Sand Cement Mortar (1:4) 20 mm thick &amp; 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m &amp; joint filling using white cement slurry @ 0.20kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m (i) Coloured decorative</p>				
	Total Quantity =	Sqm	4.800	₹ 1,061.23	₹ 5,093.90
	<p>(B) Wall With sand cement mortar (1:3) 15mm thick &amp; 2mm thick cement slurry at back side of tiles using cement @ 2.91kg/sqm &amp; joint filling using white cement slurry @ 0.20kg/sqm. (b) Area of each tile above 0.09 Sq.m (i) Coloured decorative</p>				
	Total Quantity =	Sqm	21.780	₹ 1,296.01	₹ 28,227.10
20	<p>(b)Rendering the surface of walls and ceiling with white cement based wall putty of approved make and brand (1.5 mm thick)</p>				
	Total Quantity =	Sqm	222.709	₹ 131.10	₹ 29,197.15
21	<p>Supplying,fitting &amp; fixing of 2-Track / 3-Track Aluminium sliding Window of all Aluminium sections viz. window frame (top,bottom &amp; side frame), shutter (top, bottom, side &amp; interlock member) made of aluminium alloy extrusions conforming to IS 733-1983 &amp; IS 1285-1975, annodised conforming to IS 1868-1983, fitted with all other accessories viz. PVC roller, EPDM gasket, maruti lock, screws etc. including labour charges for fitting &amp; fixing of aluminium 2-track/3-track sliding window with fixing of glass (excluding cost of glass) all complete as per architectural drawings and direction of Engineer-in-charge. 10-12 Micron thickness Annodizing film</p>				

	<i>For 2-Track window : Members for Bottom frame @ 0.875 Kg per Mtr. and for Top and Side frame @ 0.778 Kg per Mtr. and for shutter Bottom and Top member @ 0.472 Kg per Mtr., Style side member @ 0.493 Kg per Mtr. and Interlock member @ 0.612 Kg per Mtr.</i>				
	<i>For Window (W=1200 x 1200) &amp; For Vent (V=600 x 600)</i>				
	<i>Total Quantity =</i>	Kg	44.267	₹ 533.93	₹ 23,635.48
22	<i>Supplying, fitting &amp; fixing of partly glazed partly panelled or fully glazed single leaf Aluminium swing door of all aluminium sections viz door frame ( top and side frame), shutter( top rail, bottom rail, lock rail, door vertical) , glazing clip made of Aluminium Alloy Extrusions conforming to IS: 733-1983 and IS: 1285-1975, anodized conforming to IS:1868- 1983, fitted with all other accessories viz. EPDM gasket,cleat, angle screws etc. including labour charges for fitting and fixing of aluminium door with door spring,/aluminium hinges, glass / Panel board all complete as per architectural drawings and direction of Engineer-incharge. ( Excluding cost of glass/ panel board, door spring/ Al hinges, door closer, door stoper, handle, tower bolt and locking arrangement etc) 10-12 Micron thickness Anodizing film</i>				
	<i>(unit wt of to Top &amp; side frame @1.366 kg/m ; top rail @ 1.296 kg/m; bottom rail @ 1.974 kg/m; lock rail @ 1.590 kg/m; door vertical @ 1.412 kg/m; glazing clip @ 0.167 kg/m. )</i>				
	<i>Aluminium Door [size (900 x 2100)] &amp; Aluminium Door Double leaf [size (1200 x 2100)]</i>				
	<i>Total Quantity =</i>	Kg	89.103	₹ 458.84	₹ 40,884.02
23	<i>Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987.</i>				
	<i>(ii) 4 mm. thick coloured/tinted/smoke glass.</i>				
	<i>Total Quantity =</i>	Sqm	7.920	₹ 557.76	₹ 4,417.46
	<i>(vi) 6 mm. thick coloured/tinted/smoke glass.</i>				
	<i>Total Quantity =</i>	Sqm	4.095	₹ 787.78	₹ 3,225.96

24	<p>Providing and fixing exterior quality Aluminium Composite Panel (ACP) wall cladding on existing Al. /MS frame work with GI brackets, ACP fixed on the existing frame work by folding the edges of ACP panel (Engraving the rear surface of ACP sheet) with CP angles, cleats and stainless Steel screws forming groves at the periphery of ACP panel. Such grooves filled with foam and silicon sealant etc. complete with all materials (but including the cost of silicon sealant), labour, scaffolding and all other incidental charges complete in all respect as per specification and direction of Engineer-in-charge. (Mode of payment is on finished surface area of ACP)</p> <p>(b) 4mm thick (0.50mm Al.+3.0mm LDPE +0.50mm Al. PVDF coating)</p>				
	Total Quantity =	Sqm	4.095	₹ 3,430.00	₹ 14,045.85
25	<p>Supplying EPDM gasket of approved make and brandas per direction of Engineer-in-Charge. (i) For sliding windows b) 'U' shaped EPDM gasket for frames.</p>				
	Total Quantity =	Mtr	141.600	₹ 17.88	₹ 2,531.81
26	<p>Supplying PVC rollers for sliding windows as per direction of Engineer-in-Charge.</p>				
	Total Quantity =	Each	20.000	₹ 16.69	₹ 333.80
27	<p>Labour charge for fabrication and installation of composite door, window, partitions made from annoidized extruded alloy aluminium sections for the following units :-</p> <p>A) Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size drilling and alinging of window and shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and ..... requisite size and fixing the glass as per drawing, specification and direction of Engineer in Charge. The rate including all incidental charges of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excludes the cost of extuded aluminium sections, glass, neoprene/EPDM gasketing, locking arrangement and rollers..</p> <p>(ii) 2 track sliding window.</p>				
	Total Quantity =	Sqm	7.920	₹ 829.49	₹ 6,569.56

	<p>B) Partly glazed partly panelled or fully glazed leaf aluminium swing door made of extruded and anodised alloy aluminium sections, fabrication including cutting to proper shape and size, drilling and aligning, fitted with heavy duty hydraulic action floor spring placed in the floor with mending ..... towerbolt, glazing clips etc. (10% rate reduction has to be made for swing doors or partitions where floor spring is not used. 10% enhancement of rate is to be made where door frame of extruded aluminium sections has to be fitted and fixed to masonry wall, 5% rate enhancement may be allowed for double leaf swing door. Payment shall be made for the shutter area only except where door frame is fixed the entire opening shall be taken to consideration Payment for door frame sections are to be paid separately).</p>				
	Door installation				
	Total Quantity =	Sqm	8.190	₹ 1,526.70	₹ 12,503.67
28	<p>Supplying, Fitting &amp; Fixing Factory made prelaminated P.V.C. door frame of size 50 mm x 47 mm with a wall thickness of 5 mm, made out of extruded 5 mm Prelaminated PVC sheet miter cut at two corners and joined with two nos of 1.5 mm long brackets of 15 mm x 15 mm M.S. square tube. The two vertical door profiles are to be reinforced with 19 mm x 19 mm M.S. Square tube of 19 gauge, weather seal to be provided through out the frame. The door frame shall be fixed with the wall using 65/100 mm M.S. Screws through the frame by using P.V.C fasteners. A minimum of 4 Nos of screws to be provided for each vertical member and minimum 2 Nos for horizontal member etc. complete as per Manufacturer's specification and direction of Engineer-in-Charge.</p>				
	Total Quantity =	Mtr	9.900	₹ 458.84	₹ 4,542.52
29	<p>Supplying, Fitting &amp; Fixing 30 mm thick both side prelaminated Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S. tubes of 19 gauge thickness and size 19 mm x 19 mm for styles, top and bottom rails, M.S. frame shall have cost of steel primers of approved make and manufacture, M.S. frame ..... with 7 mm (5 mm + 2 mm) th. x 15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent adhesive etc. complete excluding all necessary hardware as per direction of Engineer-in-Charge.</p>				

	<i>Total Quantity =</i>	Sqm	3.150	₹ 2,905.61	₹ 9,152.67
30	<i>F) Supplying Zinc powered coated star lock.(Natural White)</i>				
	<i>Total Quantity =</i>	Each	10.000	₹ 47.67	₹ 476.70
31	<i>Anodised aluminium barrel/tower/socket bolt (full covered) of approved quality manufactured from extruded section conforming to I.S.204/74 fitted and fixed with cadmium plated screws : (iii) 100mm long x 10mm dia. bolt.</i>				
	<i>Total Quantity =</i>	Each	9.000	₹ 63.17	₹ 568.53
32	<i>(B) Supplying 125 mm. Dia acrylic handle for aluminium door as per approved make &amp; brand. (a) Natural Colour</i>				
	<i>Total Quantity =</i>	Each	14.000	₹ 215.72	₹ 3,020.08
33	<i>i) Hydraulic door closer of approved quality as per I.S.I. standard fitted and fixed complete (b) Medium (I.S.I. size 2)</i>				
	<i>Total Quantity =</i>	Each	2.000	₹ 1,628.00	₹ 3,256.00
34	<i>Door stopper (Anodised aluminium)</i>				
	<i>Total Quantity =</i>	Each	5.000	₹ 83.43	₹ 417.15
35	<i>Supplying 4 lever mortice lock or any approved make and brand as per direction of the Engineer- in -Charge. i) 150 mm.</i>				
	<i>Total Quantity =</i>	Each	4.000	₹ 450.50	₹ 1,802.00
36	<i>(a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor. (Add extra @ 1% for each addl. floor upto 4th floor and @ 1.25% for each addl. floor above 4th floor) (i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.</i>				
	<i>Total Quantity =</i>	Qntl.	2.260	₹ 11,784.52	₹ 26,633.02

37	<p><i>Collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete. In ground floor. (Payment will be made on the area of the gate covered by two guard rails and two extreme channels).</i></p>				
	<i>Total Quantity =</i>	Sqm	3.780	₹ 5,160.49	₹ 19,506.65
38	<p><i>Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor)</i>  <i>(a) One Coat                      i) Water based interior grade Acrylic Primer</i></p>				
	<i>Total Quantity =</i>	Sqm	222.709	₹ 36.70	₹ 8,173.42
39	<p><i>Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (Two coats)</i>  <i>i) Standard Quality</i></p>				
	<i>Total Quantity =</i>	Sqm	222.709	₹ 73.89	₹ 16,455.97
40	<p><i>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 throughly, complete as per manufacturer's specification and as per direction of the EIC. In Ground Floor: (a) One Coat</i></p>				
	<i>Total Quantity =</i>	Sqm	160.856	₹ 37.42	₹ 6,019.23

41	<i>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. In Ground floor (Two Coat) b) Premium 100% Acrylic Emulsion</i>				
	<i>Total Quantity =</i>	Sqm	160.856	₹ 100.11	₹ 16,103.29
42	<i>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.</i>				
	<i>Total Quantity =</i>	Sqm	21.810	₹ 34.56	₹ 753.75
43	<i>(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 super gloss (hi-gloss) - (iv) Two coats (with any shade except white)</i>				
	<i>Total Quantity =</i>	Sqm	21.810	₹ 94.15	₹ 2,053.41
44	<i>Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding ..... flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour. In ground floor. 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement (iii) 35 mm. thick</i>				
	<i>Total Quantity =</i>	Sqm	15.060	₹ 374.48	₹ 5,639.67
45	<i>18 mm. to 22 mm. thick, kota stone slab set in 20 mm thick (avg) cement mortar (1:4) in floor, stair &amp; lobby including pointing in cement slurry with admixture of pigment matching the stone shade, including grinding &amp; polishing as per direction of Engineer - in - charge to match with the existing work. [Slurry for bedding @ 4.4 kg/Sq.m and pointing @2.0 kg/Sq.m]</i>				
	<i>Total Quantity =</i>	Sqm	5.445	₹ 1,186.37	₹ 6,459.78

46	<p>Supplying &amp; laying 20 mm designer chequered tiles of any shade and of approved quality as per IS: 1237: 1980 laid in patterns as directed in pavement, footpath including necessary underlay 25 mm thick average cement mortar (1:3) complete in all respect with all labour and materials [using cement slurry @ 4.4 kg/Sq.m at back side of tiles. Cement of mortar &amp; slurry will be supplied by the Department. Border concrete if necessary to be paid separately].</p>				
	Total Quantity =	Sqm	5.160	₹ 958.52	₹ 4,945.96
47	<p>Roof treatment by application of non toxic polyurethane modified acrylic based single component (P U Roof Coat) solvent free, cold applied polyurethane modified elastomeric waterproofing membrane with excellent UV resistant capacity as per ASTM D6083fa water based 100% acrylic elastomeric emulsion polymer latex coating .... used as protective coating for roofs} after preparing the surface by cleaning and repairing the roof cracks by cement &amp; sand mortar (1:4), preferably with antishrinkage mortar (to be paid separately) if any, apply two coats along with a 5 ~ IPrimingcoat(two coats of P U Roof Coat and one coat of primer coat compatible with Sqm. i main product as per manufacturers specification) and reinforced with or without 20 ~ gsm Geotextile Fleece, including the cost of primer coat and basepreparation, tools &amp; IPlantsbut excluding the cost of scaffolding and staging complete as per direction of Engineer -in-charge. (Note: If Geotextile Fleece not used, the rate would be reduced by Rs. 5/-per Sqm)</p>				
	Total Quantity =	Sqm	73.541	₹ 512.98	₹ 37,725.06

48	<p><i>M.S. structural works with hollow sections (square or rectangular shape) conforming to IS: 806-1968 &amp; IS:1161-1998) connected to one another with bracket, gusset, cleat as per design, drawing &amp; direction of Engineer-in-Charge complete including cutting to requisite shape &amp; size, fabrication including metal arc welding conforming to IS: 816-1969 &amp; IS: 9595 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete.</i></p> <p><i>The rate includes the cost of all M.S. Hollow section, all consumables such as electrodes, gas and hire charges of all tools and plants and labour required for execution and all incidental chages (such as electricity, labour insurance) etc. complete</i></p> <p><i>ii) For other Structural works like galleries etc.</i></p> <p><i>Railling 50 mm dia 2.6 mm thk MS hollow section &amp; Unit wt @3.73 Kg per Mtr</i></p>				
	<i>Total Quantity =</i>	MT	0.133	₹ 89,265.82	₹ 11,872.35
<b>(S &amp; P work)</b>					
49	<p><i>Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc.</i></p> <p><i>(a) With 'P' trap (with vent)</i></p>				
	<i>Total Quantity =</i>	Each	2	₹ 3,699.35	₹ 7,398.70
50	<p><i>Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc.</i></p>				
	<i>Quantity for Kurmun BPHC =</i>	Each	2		
	<i>Total Quantity =</i>	Each	2	₹ 1,209.68	₹ 2,419.36

51	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. pillar cock 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				
	Total Quantity =	Each	3	₹ 3,885.27	₹ 11,655.81
52	Supply of UPVC pipes (B Type) & fittings conforming to [S-13592-1992 (A) (ii) Double Socketed 3 Meter Length (b) 110 mm				
	Total Quantity =	Metre	18.050	₹ 375.42	₹ 6,776.33
	<b>(B) Fittings</b>				
	xi) Door Bend (T.S.)      ii) 110 mm. Dia.				
	Total Quantity =	Each	8	₹ 175.19	₹ 1,401.52
	xv) Vent Cowl              (b) 110 mm				
	Total Quantity =	Each	3	₹ 39.33	₹ 117.99
	(i) Coupler                  (b) 110 mm				
	Total Quantity =	Each	10	₹ 101.30	₹ 1,013.00
	(ii) Plain Tee,              (b) 110 mm				
	Total Quantity =	Each	3	₹ 101.30	₹ 303.90
	(iii) Door Tee,              (b) 110 mm				
	Total Quantity =	Each	2	₹ 232.40	₹ 464.80
Conti. Item 52	xvi) Pipe Clip				
	Total Quantity =	Each	35	₹ 25.03	₹ 876.05
	xvii) W.C. Connector (150 mm long) 125 X 110(W/WC Ring) 75 mm				
	Total Quantity =	Each	2	₹ 169.24	₹ 338.48
	xix) W.C. Connector Bend W / lipring 75 mm				

		<i>Total Quantity =</i>	Each	2	₹ 189.50	₹ 379.00
		<i>xx) 125/110 P Trap with W.C. Ring, 75 mm</i>				
		<i>Total Quantity =</i>	Each	2	₹ 405.21	₹ 810.42
		<i>C) Rubber Lubricant 500 ML</i>				
		<i>Total Quantity =</i>	Each	4	₹ 222.87	₹ 891.48
		<i>D) Solvent Cement 250 ML</i>				
		<i>Total Quantity =</i>	Each	6	₹ 122.76	₹ 736.56
53		<i>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 ..... 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.</i>				
		<i>(A) Above ground (ii) 110 mm dia.</i>				
		<i>Total Quantity =</i>	Mtr	18.050	₹ 67.93	₹ 1,226.14
54		<i>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, ..... coats of painting with approved paint in any position above ground.</i>				
		<i>(a) For Exposed Work PVC Pipes</i>				
		<i>i) 15 mm</i>				
		<i>Total Quantity =</i>	Mtr	20.150	₹ 120.37	₹ 2,425.46
		<i>ii) 20 mm</i>				
		<i>Total Quantity =</i>	Mtr	11.000	₹ 153.74	₹ 1,691.14
Conti.. Item 54		<i>iii) 25 mm</i>				
		<i>Total Quantity =</i>	Mtr	6.000	₹ 210.95	₹ 1,265.70
		<i>iv) 32 mm</i>				
		<i>Total Quantity =</i>	Mtr	45.000	₹ 281.26	₹ 12,656.70

55	<i>Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.) (vii) 25 mm dia</i>				
	<i>25 mm dia</i>				
	<i>Total Quantity =</i>	Each	1	₹ 1,086.92	₹ 1,086.92
	<i>32 mm dia</i>				
56	<i>Total Quantity =</i>	Each	2	₹ 1,499.28	₹ 2,998.56
	<i>Supplying, fitting and fixing bib cock or stop cock.</i>				
57	<i>(d) (i) Chromium plated angular Stop Cock with wall flange (Equivalent to Code No. 5053 &amp; Model - Florentine of Jaquar or similar brand).</i>				
	<i>Total Quantity =</i>	Each	5	₹ 971.32	₹ 4,856.60
58	<i>Supplying, fitting and fixing pillar cock of approved make</i>				
	<i>f) (ii) CP 2-way bib Cock - 15 mm, supplied, fitted and fixed. (Code No.5041 &amp; Model - FLORENTINE of JAQUAR or similar brand).</i>				
	<i>Total Quantity =</i>	Each	2	₹ 1,512.39	₹ 3,024.78
59	<i>Supplying, fitting and fixing shower of approved brand and make</i>				
	<i>(f) Hand Shower(Health Faucet) with 1mtr Flexible Tube with Wall Hook(Equivalent to Code No.573 &amp; Model -ALLIED of Jaquar or similar).</i>				
	<i>Total Quantity =</i>	Each	2	₹ 1,490.94	₹ 2,981.88
59	<i>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. 600 mm long.</i>				
	<i>Total Quantity =</i>	Each	5	₹ 127.52	₹ 637.60

60	<i>Supplying, fitting and fixing bevelled edged mirror 5.5 mm thick silver red as per I.S. 3438 / 1965 together with brass C.P. hinges. (ii) 600 mm X 450 mm</i>				
	<i>Total Quantity =</i>	Each	3	₹ 576.83	₹ 1,730.49
61	<i>Supplying, fitting &amp; fixing Aluminium domical grating. (iii) 100 mm</i>				
	<i>Total Quantity =</i>	Each	2	₹ 58.40	₹ 116.80
62	<i>f) (i) CP Pillar Cock with 200 mm extended Lever Handle (Equivalent to Code No. 5031 &amp; Model - FLORENTINE of JAQUAR or similar brand).</i>				
	<i>Total Quantity =</i>	Each	3	₹ 1,260.92	₹ 3,782.76
63	<i>Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (b) 1000 litre capacity</i>				
	<i>Total Quantity =</i>	Each	1	₹ 6,111.55	₹ 6,111.55
64	<i>Labour for hoisting plastic water storage tank. (i) Upto 1500 litre capacity. (a) Upto 1st story from G.L.</i>				
	<i>Total Quantity =</i>	Each	1	₹ 114.41	₹ 114.41
65	<i>Labour for punching hole in plastic water storage tank upto 50 mm dia.</i>				
	<i>Total Quantity =</i>	Each	3	₹ 22.64	₹ 67.92
66	<i>Supplying &amp; laying Double Wall Corrugated (with external annular corrugation and smooth internal walls) High Density Polyethelene Pipes conforming to IS 16098 (Part-II):2013 having Stiffness Class of SN 8 with Ring Stiffness not less than 8.00 KN/Sqm. and Impact Resistance TIR value not more than 10% including necessary jointing materials for non pressure underground Drainage, Sewerage &amp; Cross drainage application. (i) 150mm internal dia. .</i>				
	<i>Total Quantity =</i>	Mtr	12.000	₹ 500.56	₹ 6,006.72

67	<p>Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.L. and 20 mm.thick (1:4) plaster to ....., filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials</p> <p>ii) With Pakur variety</p>				
	Total Quantity =	Each	2	₹ 7,960.03	₹ 15,920.06
68	<p>Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (1:4) including two 560 mm dia. R.C.C. manhole cover(heavy type)of approved make supplied, fitted and fixed in the 100mm thickR.C.C (1:1.5:3) top slab with necessary fittings, 20mm thick cement plaster (4 : 1) with neat cement finish to the internal surfaces and 15 mm thick cement plaster (4 : 1) to outside wall upto 200 mm below G.L floor finished with 25 mm thick ..... 1 stone flooring is to be done with admixture of water proofing compound @ 0.5% by weight of cement with all costs of labour and materials. Note:- (i) Finished level of Septic Tank should be 400 mm. from Ground Level. (ii) Height of 50 mm. Ventilation pipe &amp;Mosquito proof mesh, should be followed as per IS:2470,PartI.Payment will be made separately on the basis of actual height based on relevant I.S.Code.</p>				
	(iii) For 30 users septic tank				
	Total Quantity =	Each	1	₹ 70,177.95	₹ 70,177.95
69	<p>Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1.6 metre from the bottom having 150 mm intermediate cement brick work (1:4) band all round and cement brick work (1:4) upto 0.90 metre from top with 20mm thick cement plastering (1:4) to inside face upto the depth of cement brick work, 15mm thick cement plaster (1:4) on outer face from top of the well upto G.L. .... connections, excavation of well including shoring, dewatering and removing the excess earth from the premises as per direction complete in all respect with all costs of labour and materials. With 250 mm thick dry brick work and 250 mm thick cement brick work (1:6) and 1.00m inside dia. ii) With Pakur variety (JSW/JSPL/SHYAM/ SRMB/BMASL/ELECRSTEEL/SSL)</p>				

	<i>Total Quantity =</i>	Each	1	₹ 18,269.10	₹ 18,269.10
				Total =	₹ <b>1,376,042.50</b>
				Say =	₹ <b>1,376,043.00</b>
<b>In word :- Rupees Thirteen lakh seventy Six thousand forty three only</b>					

<b>Name of the work :- Civil, Plumbing and Electrical works for Construction of Model AYUSH OPD Building at Jamalpur BPHC &amp; Kurmun BPHC in the district of Purba Bardhaman, West Bengal (2<sup>nd</sup> Call).</b>					
<b>BOQ of Electrical works at Jamalpur BPHC and Kurmun BPHC</b>					
<b>Annexure C: (Electrical works at Jamalpur BPHC and Kurmun BPHC)</b>					
Sl. No.	Description of work	Qty.	Unit	Rate (+ GST & L.W.C.)	Amount (+ GST & L.W.C.)
<b>Main Power Connection</b>					
1	Supply & delivery of 1.1 KV Gr. XLPE/ PVC Armoured Aluminium Cable (Gloster / Havells / Approved by EIC)				
1.01	2 core 4 sq. mm.	60	Mtr.	123.00	7380.00
1.02	2 core 10 sq. mm.	180	Mtr.	203.00	36540.00
2	Laying of cable upto 3/4 core 25 sqmm on wall/surface incl. S & F MS saddles with earthing attachment in 2X10 SWG GI (Hot Dip) Wire, making holes etc. as necy. mending good damages and painting [PWD/GS Page: F-1 Item: 2]	120	Mtr.	70.00	8400.00
3	Laying of one No. cable upto 35 sqmm in underground trench 460 mm wide x 760 mm average depth, with brick protection on the top of the cable with 8 (eight) Nos. bricks per metre, including filling the space between the brick & cable and also the trench with shifted soil, leveling up and restoring surface duly rammed.	100	Mtr.	199.00	19900.00
4	Fixing of Cable along the lenth of O.H. pole incl. S & F MS pole clamps fabricated from 25 mm x 6 mm MS flat incl. painting	20	Mtr.	82.00	1640.00
5	S & F compression type brass cable gland complete with brass gland, brass ring & rubber ring for dust & moisture proof entry of XLPE/PVC armoured cable.				
5.01	2 core 4 sq. mm.	20	Set	77.00	1540.00
5.02	2 core 10 sq. mm.	8	Set	141.00	1128.00
6	Finishing the end of the XLPE/PVC armoured cables by crimping method incl. S&F solderless socket (Dowels make), tapes, anticorrosive paste & jointing materials.				
6.01	2 core 4 sq. mm.	20	Set	38.00	760.00
6.02	2 core 10 sq. mm.	8	Set	42.00	336.00
7	S&F medium gauge 40mm dia GI Pipe (ISI-Medium) Protection with necessary fittings and jointing materials as required as per GS.	12	Mtr.	302.00	3624.00

8	Supplying and fixing Havells 30/32A 240V DP with fuse on L&N Sheet steel Main Switches on flat iron frame on wall.	4	Set	1567.00	6268.00
	<b>Earthing Installation</b>				
9	Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts. long and 1 x 4 SWG GI (Hot Dip) wire, with an average depth of 3.65 Mts. below the ground level (For soft Soil: ISI-Medium GI pipe)	4	Item	1680.00	6720.00
10	Excavation of soil for installation of Earth Electrode and filling & ramming. (Soft Soil)	10	qbmtr.	263.00	2630.00
11	S&F earth busbar of galvanized (Hot Dip) MS flat 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				
	S&F galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall	1	Mtr.	191.00	191.00
12	Connecting the equipments body to earth busbar including S&F galvanised (Hot Dip) MS flat on wall/floor with GI saddles as required and connection to equipments incl. drilling holes, with bolts, nuts, washers etc.				
	S&F 20 mm x 3 mm galvanised (Hot Dip) MS flat	12	Mtr.	113.00	1356.00
	<b>Components of Power Distribution System</b>				
13	S&F double-door (2+12) Way SPN MCB Distribution Board with IP-42/43 protection, concealed in wall.(Legrand: (507712 /Siemens /Havells Metalica /ABB Elegance - as per direction of EIC)	2	Nos.	2157.00	4314.00
14	S&F Wire way box suitable for 2+12-way SPN MCB DB (Legrand:5079 12 /Siemens /Havells Stad-X /ABB Elegance - as per direction of EIC)	2	Nos.	886.00	1772.00
15	Supply & fixing four module ss MCB endosoure box with IP-20/30 protection, powder coated with necessary accessories.	4	Nos.	388.00	1552.00
16	Supply & fixing 240/415 V MCB of Breaking capacity 10kA & C characteristics on din rail of existing DBs and necessary connection (Legrand /Siemens /Havells Metalica /ABB Elegance - as per direction of EIC).				
16.01	16-32A DP MCB	6	Nos.	670.00	4020.00
16.02	6-32A SP MCB	16	Nos.	233.00	3728.00
	<b>Distribution Wiring Installation</b>				
17	Distn. wiring in 3X22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) in 19 mm bore, 3mm thick polythen pipe complete with all accessories embedded in wall to light/fan/call bell points with Piano key type switch (Anchor make) fixed on sheet metal (16 SWG) switch board complete with 2 no. "Ph & N" copper bar and 'L' shaped insulator chair with bakelite/perspex (wall matching colour) top cover (3mm thick) flushed in wall incl. mending good damages to original finish.				
17.01	On board 5A	8	Nos.	93.00	744.00
17.02	Average run: 07 Mtr.	40	Pts.	1073.00	42920.00

18	Cutting channel of 40 mm x 40 mm size on masonry wall incl. S&F heavy gauge 19mm polythene pipe dia as stated below, by means of iron hooks and supplying and drawing 18 SWG GI Wire as fish wire incl. mending good damages to building works	144	Mtr.	107.00	15408.00
19	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required				
19.01	2 x 22/0.3 (1.5 sqmm) + 1 x 22/0.3 (1.5 sqmm) ECC	40	Mtr.	80.00	3200.00
19.02	2x36/0.3 (2.5 sqmm) + 1x22/0.3 (1.5 sqmm) as ECC	68	Mtr.	129.00	8772.00
19.03	2 x 56/0.3 (4 sqmm) + 1x36/0.3 (2.5 sqmm) as ECC	36	Mtr.	117.00	4212.00
20	Finishing of the PVC insulated wire ends by socketting with pin/ring type copper sockets and insulated tapes etc., including supplying sockets, tapes.				
20.01	2x36/0.3 (2.5 sqmm) + 1x22/0.3 (1.5 sqmm)	12	Set	22.00	264.00
20.02	2 x 56/0.3 (4 sqmm) + 1x36/0.3 (2.5 sqmm) as ECC	4	Set	25.00	100.00
21	S&F Electronic Socket type fan regulator on existing switch board with backlight top cover after making housing for regulator knob by cutting backlight top cover including making necessary connections. [Make: Anchor]	10	Nos.	290.00	2900.00
22	S&F 250 V AC/DC superior type Call Bell (Anchor-8320) on HW board incl. S&F HW board	2	Nos.	212.00	424.00
	<b>Switch-Sockets &amp; Enclosure with MCB</b>				
23	Supply & Fixing 240 V, 20 A plug socket (Brand approved by EIC), without plug top and switch on sheet metal switch board embedded in wall incl. S & F 100x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required.	2	Nos.	255.00	510.00
24	Supply & Fixing 250 V one 5 Pin 6A flush type plug socket with one 6A Piano key type (Anchor make) switch on sheet metal box with bakelite top cover and earthing attachment incl. S&F sheet metal box appropriate of size [16 SWG] with 3mm thick bakelite top cover.	6	Nos.	250.00	1500.00
25	Supply & Fixing 240 V, 20A, plug socket with separate 20 A Piano key type switch (Brand approved by EIC) on sheet metal switch board embedded in wall incl. S & F 150x100x65mm MS (16SWG) switch board and bakelite/perspex top cover of 3mm thick by Brass screws after making housing for switch by cutting bakelite/perspex cover and making necessary connections as required.	4	Nos.	352.00	1408.00
26	Supply & Fixing 240 V, 3 nos. 6A, & 1 no. 20A plug socket with separate 3 nos. 6 A & 1 no. 20A Piano key type switch, indicator & 20A switch type SP MCB (Brand approved by EIC) on sheet metal switch board incl. S & F 240x200x65mm MS (16SWG) switch board and bakelite top cover of 3mm thick and making necessary connections as required [PWD/GS Page: E-7 Item: 26 ]	2	Nos.	923.00	1846.00

27	Supply & Fixing 240 V, 25 A, <b>Modular</b> type <b>starter</b> (Brand approved by EIC) with 25A Modular switch type DP MCB (CCurve) and 4 Module GI 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.	2	Nos.	962.00	1924.00
	<b>Fan Fittings &amp; other accessories</b>				
28	S&F MS fan clam of two piece type for RC ceiling as per approved specification, fabricated from 40 mm x 9 mm MS flat including making good damages to building roof with satisfactory finishing and painting [PVD/GS Page:D-14 Item: 29]	10	Nos.	297.00	2970.00
29	Supply & delivery of EPC make 9" Sweep A.C Exhaust fan.	4	Nos.	2663.00	10652.00
30	Fixing of EPC make A.C Exhaust fan incl. making hole on wall with nuts & bolts of required with S&F of louver shutter. [PVD/GS Page: C-4, Item: 28, 30]	4	Nos.	539.00	2156.00
31	Supply & delivery of 36" (1050mm) AC ceiling fan make: (Orient PSPO NEWBREEZE or SUMMERCOOL / equivalent of EPC or USHA or CROMPTON or HAVELLS as per direction of EIC)	4	Nos.	2699.00	10796.00
32	Supply & delivery of 48" (1200mm) AC ceiling fan make: (Orient PSPO NEWBREEZE or SUMMERCOOL / equivalent of EPC or USHA or CROMPTON or HAVELLS as per direction of EIC)	6	Nos.	2699.00	16194.00
33	Fixing only ceiling fan complete with blades, canopy, fork, rubber bush etc. incl. S&F connecting wire for down rod upto 30 cm incl. painting the rod with approved paint and making necessary connection as required by 2x1.5 sqmm flexible copper wire.	10	Nos.	81.00	810.00
34	Supply & fixing additional safety arrangement of ceiling fan by stranded GI strain wire of suitable gauge with one end fixed at RC clamp with special type of socket, nut-bolts, thimbles which thoroughly crimped with the strain wire and the wire passing through down rod (for upto 8 ft) and also other end connected with armature spindle by its existing jam nut hole with special arrangement (sample approved by EIC). The length of the strain wire up to 9ft also considering any type of work required i.e. enlarging the existing hole by file etc. to complete the job including installation as per direction of EIC (Static & Dynamic Load Test (in rotation of 1:20) certificate must be provided with final bill jointly with concerned Junior Engineer & authorised Electrical Supervisor of Agency).	10	Item	60.00	600.00
35	Supply & delivery of single 4ft LED tube light fitting incl. 4ft LED tube (Mas LEDtube 1200mm) , complete with all accessories. [Philips: TMC 502 P 1xT-LED 22WP3241]	10	Set	1049.00	10490.00
36	Supply & delivery of double 4ft LED tube light fitting incl. 4ft LED tube (Mas LEDtube 1200mm), complete with all accessories. [Philips: TMC 502 P 2xT-LED 22WP3241]	4	Set	1775.00	7100.00
37	Fixing only single /twin fluorescent light fitting complete with all accessories directly on wall/ceiling/HW round block and suitable size of MS fastener	4	Set	123.00	492.00
38	Fixing of single/double tube light fitting incl. all accessories suspended from ceiling/beem with L-clamp/ beem clamp and suitable size MS fastener etc. as required.	10	Set	244.00	2440.00
39	Supply & Fixing of 10W LED Lamp. Havells or Equivalent of Philips, Crompton )	10	Nos.	121.00	1210.00

<b>Building Security Light:</b>					
40	Fixing only outdoor light fitting complete with all accessories to be fixed /projected from the wall of the building incl. making holes/providing clamping arrangement & necy. GI reducer as required. S&F 40 mm GI pipe (ISI-Medium) quality 1.5 mts. average length having suitable bend S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making connections as required and mending good damages to wall incl. painting etc.	8	Item	991.00	7928.00
41	Supply & fixing Sintex loop box of size 200 x 140 x 95 (Syntex: GSJB-2014) with half round clamp on pole and supply & fixing a best quality 16A 2 Way Bakelite Connector inside with earthing attachment inside it including all accessories.	8	Item	783.00	6264.00
42	Supply & fixing of Philips: BRP042 P LED25 CW outdoor type light fitting complete with all accessories to be fixed on 9 mtr. incl. S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making necessary connections as required.	8	Item	2582.00	20656.00
43	Supply and fixing of Timer Control Unit for controlling Compound light made of suitable size MS sheet duly Power coated paint with IP - 43 protection with front door locking arrangement / (2+10 Way) SPN Enclosure with all connection and comprising with following accessories including necessary connenctions and earthing attachment on angel iron frame on wall / embedding in wall as per instruction of EIC. a) 10A DP MCB, - 1 no. L&T / equivalent of Simens) b) 16A Double Pole Contactor - 1 no. (L&T-Type:MU16-2P-CS90117) c) Time Switch (Astromini) - 1 no. (L &T - GIC:T2DDT7) d) Gen Next LED Indicator, 240V AC - 1 Nos. (L&T:SILR240A / Simens) e) 16A DP Terminal Block	2	Set	7774.00	15548.00
44	Supply & installation of wall mounted Rectangular Sign Board of ACP cutting letter to be fixed on Alumium Composit Panel (ACP) of thickness 3mm base with letter identification board to be fixed on wall above the entrance of building of size 06ft X 04ft X 4inch. Structure to be fabricated by 25X25X3mm MS Rectangular Pipe complete with 16SWG 120GSM GI sheet on the back side of the structure as directed by EIC. The board will be fixed on a pre erected iron clamp made by 40X40X5mm equal angle. The ACP cutting letter have to be fixed on ACP board over front fascia with 25mmX25mmX22SWG stainless steel angle with ss screw on each side of board structure.	2	Item	18592.00	37184.00

**Total = 353421.00**

**In word :- Rupees three lakh fifty three thousand four hundred twenty one only**

**Grand total of the work= ( Annexure A+Annexure B + Annexure C) =**

**Total for Annexure A ( Civil & Plumbing work at Jamalpur BPHC) = 1379194.00**

**Total for Annexure B (Civil & Plumbing work at Kurmun BPHC) = 1376043.00**

**Total for Annexure C(Electrical works at Jamalpur BPHC and Kurmun BPHC) = 353421.00**

**Grand Total of the work = 3108658.00**

**In word :- Rupees Thirty one lakh eight thousand six hundred fifty eight only**

