

DR. SHYAMA PRASAD MUKHERJEE UNIVERSITY
Ranchi, Jharkhand.



NOTICE INVITING TENDER
FOR
REPAIR AND RENOVATION WORKS IN DEPARTMENT
OF GEOLOGY
AT
DR. SHYAMA PRASAD MUKHERJEE UNIVERSITY



DR. SHYAMA PRASAD MUKHERJEE UNIVERSITY
Ranchi, Jharkhand.

Memo: DSPMU/G/932/24

Dated: 05.10.2024

NOTICE INVITING TENDER

Dr. Shyama Prasad Mukherjee University, Ranchi-834008, Jharkhand invites tenders under two bid system (Part-I: Technical Bid and Part II: Financial Bid), from experienced and reputed contractor/firms/agencies/companies only for **“Repair and Renovation Works in Department of Geology at Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand”**.

| Sno | Activity | Date |
|------------|--|--------------------------|
| 1. | Publication of Tender Document in University Website | 06.10.2024 at 04:00 PM |
| 2 | Last Date & Time for Submission of Tender Documents | 16.10.2024 till 01:00 PM |

The detailed information about the tender document can be obtained from the office of the Section–Officer (General) or from the University Website: - www.dspmuranchi.ac.in.

Sd/-

Registrar
DSPMU, Ranchi



DR. SHYAMA PRASAD MUKHERJEE UNIVERSITY

P.O.: Ranchi College, Morabadi, Ranchi – 834008, Jharkhand.

Email: registrardspmuranchi@gmail.com, Website: www.dspmuranchi.ac.in

NOTICE INVITING TENDER

Repair and Renovation Works in Department of Geology at Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand

Tender ID : DSPMU/G/930/24

Dated: 05/10/2024

The Registrar, Dr. Shyama Prasad Mukherjee University, Ranchi invites Tender under Two Bid System (Technical & Financial) for executing the below mentioned work:

| | |
|--|--|
| Name of the Office Inviting Tender | Registrar, Dr. Shyama Prasad Mukherjee University, Ranchi. |
| Nature of Work/Services | Repair and Renovation Works in Department of Geology at Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand |
| Tender No. | DSPMU/G/930/24, Dated: 05/10/2024 |
| Tender Value | ₹ 16,52,136/- (excluding GST and Labour Cess) |
| Tender Processing Fee | ₹ 10,000/- (Rupees Ten Thousand only) |
| EMD (Refundable) | ₹ 35,000/- |
| Security Deposit | ₹ 85,000/- |
| Mode of Tender Fee | The Tender Fee (non-refundable) and EMD in the form of Demand Draft drawn from any scheduled nationalized bank in favour of “ The Registrar, Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand ” payable at Ranchi. |
| Publication of Tender on University website. | 06/10/2024 at 04:00 PM |
| Last date and time for Submission of tender documents. | 16/10/2024 till 1:00 PM |
| Date, Time & Place for Opening of the Tender | 17/10/2024 at 1:30 PM, New Administrative Building. |

INSTRUCTION TO THE TENDERERS

THE TENDERER IS REQUESTED TO SUBMIT THE FOLLOWING DOCUMENTS AT THE TIME OF SUBMISSION OF TENDER DOCUMENT WITHOUT WHICH THE TENDER WILL BE REJECTED.

| LIST OF DOCUMENTS | |
|--------------------------|--|
| 1 | Scanned, sealed and signed copy of Tender document (each page) |
| 2 | Copy of ESI Registration. (Not mandatory) |
| 3 | Copy of EPF Registration. (Not mandatory) |
| 4 | Copy of Incorporation and GST Registration. |
| 5 | Copy of valid registration of the firm with CPWD/ P.W.D.s./M.E.S./ Railways /BSNL Civil wing or any other government body as Civil Contractor (central/ state Govt./PSU) |
| 6 | Copy of PAN card |
| 7 | Copy of valid Labour and Trade license. (Not mandatory) |
| 8 | Tender Fee of ₹ 5,000/- in the form of DD (Demand Draft). |
| 9 | EMD Amount of ₹ 35,000/- in the form of DD (Demand Draft). |
| 10 | Copy of Income Tax Return for last three years (i.e., 2021-22, 2022-23, 2023-24). |
| 12 | Annual Average turnover of works for immediate last 3 consecutive financial year's (i.e., 2021-22, 2022-23, 2023-24) should be more than 15 Lacs. Duly certified by Chartered Accountant. |
| 13 | Complete Bank Details/ Cancelled Cheque. |
| 14 | Annexure A (Technical Bid Document), Duly filled and attested. |
| 15 | Undertaking on ₹ 100/- stamp paper for the Agency / Firm that is never debarred/ blacklisted by any of the Institution / Office anywhere in India – Appendix -III. |
| 16 | The Contractor should have minimum Three (05) years' experience in Central/ State Govt / State University. Moreover, The Contractor should have three (03) work orders in the same field with a minimum tender value of ₹ 15 lacs. |
| 17 | The Successful bidder have to submit the Security Deposit of ₹ 85,000/- (Rupees Eighty Five Thousand Only) in the form of Performance Bank Guarantee from any Nationalized Bank within 15 days from the Award of Work (Issue of Work Order). |

1. The interested bidders can obtain the Tender Document from the **Office of the Section Officer** during normal working days between 10:00 AM to 04:30 PM starting from 06.10.2024 04:00 PM. The Bidder should submit the Bid document on firm's letter pad through Registered Post/Speed Post/Courier addressing "**The Registrar, Dr. Shyama Prasad Mukherjee University, Morabadi, Ranchi - 834008**" or by Hand in "**Office of Section Officer, DSPMU, Ranchi**". The cover superscripted as Tender Bid for "**Repair and Renovation Works in Department of Geology at Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand**". The Bid document must reach the above-mentioned office **latest by 16.10.2024, 01:00 PM.**

2. The Tender document can be downloaded in PDF format from the University **Website: www.dspmuranchi.ac.in** from **06.10.2024, 04:00 PM to 16.10.2024, 01:00 PM**. The Bidder should submit the Tender Fees of ₹ 10,000/- (Rupees Ten Thousand Only) and EMD of ₹ 35,000/- (Rupees Thirty Five Thousand Only) in the form of DD/ Banker's Cheque drawn in favour of "The Registrar, DSPMU" Payable at Ranchi. The original DD/ Banker's Cheque of Tender Fees and Earnest Money Deposit (EMD) must be sent along with hard copies while submission of Tender Document.
3. Before submitting Tender, bidder can see the site of the work on any working day during office hours by contacting Development Officer or Assistant Engineer (Civil) of DSPMU, Ranchi. **(Contact Details- 9430735008, 8674981448)**.
4. The Competent Authority of Dr. Shyama Prasad Mukherjee University, reserve the right to accept or reject any tender or all tenders without assigning any reason. All the tenders, in which any of the prescribed conditions is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.
5. Conditional Tender is liable to be rejected.
6. The tender for the work shall remain open for acceptance for a period of Ninety (90) days from the date of opening of tender.
7. The EMD of unsuccessful tender shall be refunded after the award of work to the successful tender.
8. Rates quotes shall be firm and fixed and are exclusive of cost of manpower, taxes/duties, etc. GST will be paid as per CPWD norms.
9. **The successful bidder/ contractor has to submit the Security Deposit of ₹ 85,000/- (Rupees Eighty Five Thousand Only) in the form of Performance Bank Guarantee from any Nationalized Bank within 15 days from the Award of Work (i.e. Issue of work order).**
10. **Eligibility Criteria:**
 - I. The tenderers should have fulfilled minimum **Five years'** experience as on **30.09.2024** in Central Govt/State Govt./In State Universities of Works of similar nature. Similar nature means works related to repair works or Repairing work of building or construction of building or maintenance of building including Civil, Plumbing, & Electrification works.
 - II. The tenderer should have fulfilled the following works.

(a) The tenderers should have successfully completed **three similar works of value not less than ₹ 15 Lakhs each.**

11. Evaluation of Technical Bids:

Bids received and found valid will be evaluated by the Purchase Committee of Dr. Shyama Prasad Mukherjee University to ascertain the best evaluated bid for the complete work/service under the specifications and documents. The tenderer should take care to submit all the information sought by the Dr. Shyama Prasad Mukherjee University in prescribed formats.

Firms relevant experience and strength -Profile of agency, registration details including Contract License, copy of PAN card, EPF, ESIC, etc.; experience of similar works.

Financial Bids:

The financial bid of the tenderers, whose technical bids are found to be suitable, will be opened in the presence of the tenderers, who choose to attend the opening of financial bid. Minimum One-day's prior notice via phone will be given to tenderer for this purpose.

12. Award of Work:

- I. The selection of the agency will be at the sole discretion of the Dr. Shyama Prasad Mukherjee University who reserves its right to accept or reject any or all the proposals without assigning any reason.
- II. The Work for the “**Repair and Renovation Works in Department of Geology at Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand**” shall be awarded to the qualified responsive tenderer who has quoted in order lowest rate.
- III. Upon evaluation of offers the notification on award of Work will be intimated to the successful tender.

13. Delay / Late submission of Bid tenders for whatever is the reason will summarily be rejected.

GENERAL RULES

1. Bidders have to fill in all such information as required in the tender documents.
2. **The Rates Quoted by the bidder shall be exclusive of GST.**
3. The bidder shall be presumed to have carefully examined the type of work.
4. The Bidder shall submit a program of the execution of the work along with the tender.
5. The Bidder will maintain watch guards for the safety of the materials. The University is not responsible for any loss of materials.
6. The Bidder will provide to the labourer's huts for shelter, drinking water and medical facilities at site and keep the site clean at his own cost.
7. Extension of time may be granted on valid ground by the Competent Authority as per Government rules and circulars in force and as revised from time to time.

DOCUMENTS TO BE SUBMITTED BY THE BIDDER

Technical Bid Envelope

1. Copy of Firms Registration / Incorporation Certificate.
2. Copy of GST Registration.
3. Copy of PAN.
4. Tender Fee as Demand Draft of ₹ 10,000/-.
5. Tender Earnest Money Deposit as DD of ₹ 35,000/-.
6. Copy of Income Tax Return of Last 03 Year.
7. Copy of Similar Work Experience as mentioned above.
8. Duly filled of Appendix-I.
9. Duly filled Appendix-II.
10. Duly filled Appendix-III (On ₹ 100/- stamp paper)

Financial Bid Envelope

1. Dully filled Annexure-B

Annexure A

Appendix I

Technical Bid

Tender for Repair and Renovation Works in Department of Geology at Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand.

| S. No. | Details to be Furnished by the Tenderer | | Details provided by the Tenderer |
|---------------|---|---|---|
| 1. | Name and address of the contractor with phone no. and e-mail ID, if any. | : | |
| 2. | Registration number and date of registration of the company/ cooperative/ agency/ SHG/ Society, if any. (Certificate to this effect should be enclosed) | : | |
| 3. | Year of Establishment | : | |
| 4. | Type of Organization: (Whether Proprietorship, Partnership, Private Ltd. Company or Co-operative body etc.). In case the applicant is a non-individual, Certified copy of a Partnership deed/ Certificate of Incorporation /Certificate of Registration issued by the Registrar of Cooperative Societies/as the case, should be enclosed. | : | |
| 5. | Enclose Experience certificates from previous clients with contact no. | : | |
| 6. | PAN Number (photocopy to be enclosed) | : | |
| 7. | Service tax, Sales tax/ GST Registration No., (Number and photocopy of certificates to be given) | : | |
| 8. | Any other Information | : | |

Further it is certified that I/We will abide by the technical and commercial terms and conditions of the Tender and also other rules and regulations of Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand.

(Signature of the Tenderer with seal)

Appendix II

Check List (Strike off which is not applicable)

| S. No. | Details | Yes/No | Page No. |
|---------------|--|---------------|-----------------|
| 1. | Company Registration/ Incorporation details | | |
| 2. | Copy GST Registration | | |
| 3. | Copy of PAN Details | | |
| 4. | Tender Fee as Demand Draft of Rs.10,000 /- | | |
| 5. | EMD as DD of Rs.35,000/- | | |
| 6. | Copy of Balance Sheet / P & L Account Last 3 years. | | |
| 7. | Copy of Income Tax Return for Last 03 Year | | |
| 8. | Copy of Similar Work Experience with Tender Value of minimum 08 lakhs. | | |
| 9. | Duly Filled Appendix-I | | |
| 10. | Duly filled Appendix-II | | |
| 11. | Duly filled Appendix-III (On a stamp paper of ₹ 100/-) | | |

(Signature of the Tenderer)

(Name and Address)

(Company Seal)

UNDERTAKING

((To be submitted by bidder on non-judicial stamp paper of ₹ 100/- (Rupees Hundred only) duly attested by Notary Public))

1. I the undersigned hereby declare and affirm that I have gone through the terms and conditions mentioned in the tender document and undertake to comply with all the terms and conditions.
2. That the rates quoted by me are valid and binding upon me till the work is completed at DSPMU.
3. That the earnest money of Rs. deposited by me vide Demand Draft No. Dt. drawn on..... (Name of the Bank) is attached herewith.
4. That I/ We authorize the Registrar, Dr. Shyama Prasad Mukherjee University, Ranchi to forfeit the security deposit money submitted by me/us if any delay or failure to supply the article/completion of the work to the satisfaction of the Dr. Shyama Parsad Mukherjee authority. within the stipulated time of the items of desired quality.
5. That I will be in the position to provide contract as per the work explained to me to the satisfaction of the Dr. Shyama Prasad Mukherjee University authority.
6. That there is no vigilance/CBI case or court case pending against me/ my firm debarring me/my firm to undertake contract work/ supply of items quoted.
7. I/We having our office as mentioned under declare that I/we have never been blacklisted by any State Government/Central Government or any State/Central PSU.
8. I/We are responsible for any type of accidents or mishappening during contract period of work.
9. I have been informed that the Dr. Shyama Prasad Mukherjee University, Ranchi has the right to accept or reject any or all the tenders without assigning any reason thereof.

Signature & Address of the Tenderer

STAMP

Annexure B
Financial Bid
Format for Financial Bid

To
The Registrar,
Dr. Shyama Prasad Mukherjee University,
Morabadi, Ranchi,
Jharkhand.

Sub: Financial Bid Rate for Repair and Renovation Works in Department of Geology at Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand.

Madam,

In response to your advertisement of tender for “**Repair and Renovation Works in Department of Geology at Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand.**”

we herewith submit our financial bid for the works mentioned in Annexure-C BOQ stated in the Tender Document.

| S no | Description | Estimated Amount | Bid Price Quoted by the Contractor in Percentage above or below (+/-) on estimated amount. |
|------|--|---|--|
| 1 | Waterproofing in Department of Geography and Fine Arts at Dr. Shyama Prasad Mukherjee University, Ranchi, Jharkhand. | ₹ 16,52,136/- (Rupees Sixteen Lakhs Fifty Two Thousand One Hundred Thirty Six Only) Excluding GST and Labour Cess | |

It is further promised by me/us, that above work will be completed in all respects as per the terms and conditions contained in this tender document.

Signature of Tenderer
Name, address and seal of Tenderer

Annexure - C

BOQ - Bill of Quantities

| NAME OF WORK | | REPAIR AND RENOVATION IN DEPARTMENT OF GEOLOGY | | | | |
|--------------|----------------|--|---------|------|-----------------|------------------|
| LOCATION | | DR. SHYAMA PRASAD MUKHERJEE UNIVERSITY,RANCHI | | | | |
| | | Rates Based On JSR-2022 and DSR-2023 | | | | |
| S No. | Item No | Description | BOQ Qty | Unit | BOQ Rates In Rs | BOQ Amount In Rs |
| 1 | JSR 5.10.4 | Dismantling patent stone floor including stacking servicable materials in countable stacks within 15M lead and disposal of unserviceable materials with all leads all complete as per direction of E/I. | 362.12 | Sqm | 40.75 | 14756.39 |
| 2 | JSR 5.8.9 | Extra for cleaning the old surface by scrapping the entire old white wash or colour wash including cost of scaffolding all complete as per direction of E/I. | 1329.60 | Sqm | 12.59 | 16739.63 |
| 3 | JSR 5.3.1.4 | Providing P.C.C M-10 with nominal mix of 1:3:6 (1 cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size | 15.38 | Cum | 4125.41 | 63450.87 |
| 4 | DSR 11.41 | Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with | 396.25 | Sqm | 1267.71 | 502334.57 |

| | | | | | | |
|----|----------------|---|---------|------|--------|-----------|
| | | white cement and matching pigments etc., complete. | | | | |
| 5 | JSR 5.8.45 | Providing two coats of synthetic enamel paint of approved shade and make over steel surface including cleaning the surface thoroughly, scaffolding and taxes all complete as per building specification and direction of E/I. | 56.04 | Sqm | 66.04 | 3700.88 |
| 6 | JSR 5.8.31 | Providing two coats of synthetic enamel paints old approved shade and make over old wooden surface including cleaning he surface after removing dirt | 233.28 | Sqm | 120.82 | 28184.89 |
| 7 | JSR 5.10.32 | Easing and adjusting door and window shutters with chaukhats in old work complete as per specification and direction of E/I. | 13.00 | Each | 112.80 | 1466.40 |
| 8 | JSR 5.5.12 | Supplying, fitting and fixing M.S grill gate with M.S grills made of 20x6mm M.S flats or 16mm M.S square bars fitted on 25x25x6 M.S Angle frame -do- (where steel is not supplied by the dept.) | 447.74 | Kg | 82.31 | 36853.56 |
| 9 | JSR 5.8.20 | Providing two coats of plastic emulsion paint of approved shade and make over a coat of cement primer over old surface including preparing plastered surface by rubbing smooth with pumice stone or fine sand paper, applying putty wherever required Scaffolding, washing the floor and taxes all complete as per building specification and direction of E/I. | 1329.60 | Sqm | 219.17 | 291407.77 |
| 10 | DSR 13.26 | Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. | 926.85 | Sqm | 214.38 | 198696.51 |

| | | | | | | |
|----|-------------|--|--------|----|--------|-----------|
| 11 | DSR 21.1 | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately) : | | | | |
| | 21.1.1 | For fixed portion | | | | |
| | 21.1.1.1 | Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) | 258.04 | Kg | 403.99 | 104245.56 |
| 12 | DSR 21.3 | Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): | | | | |

| | | | | | | |
|----|---------------|---|--------|-------|---------|----------|
| | 21.3.1 | With float glass panes of 5.00 mm thickness | 10.44 | Sqm | 1228.37 | 12824.23 |
| 13 | DSR 14.84 | Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer-in-Charge. | 100.00 | Metre | 2.65 | 265.22 |
| 14 | DSR 14.85 | Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge. | 5.00 | Each | 350.17 | 1750.86 |
| 15 | DSR 13.114 | Melamine polishing on wood work (one or more coat). | 80.00 | Sqm | 972.99 | 77839.07 |
| 16 | DSR 14.5 | Renewing glass panes, with putty and nails wherever necessary including racking out the old putty: | | | | |
| | 14.5.2 | Float glass panes of nominal thickness 5 mm (weight not less than 12.5kg/sqm) | 6.48 | Sqm | 1155.66 | 7488.70 |
| 17 | JSR 5.4.57 | S/F/F glass panes including supplying putty, beads and nails after taking out old and broken glass panes and disposal of debris all complete as per building specification and direction of E/I. | | | | |
| | 5.4.57.3 | 5.5 mm Plain | 3.89 | Sqm | 882.61 | 3431.59 |
| 18 | DSR 14.9 | Renewal of old putty of glass panes (length) | 28.80 | Metre | 45.82 | 1319.67 |
| 19 | NS | Shifting/Taking out Bench, Table, Cupboards etc stacking of all | | | | |

| | | | | | | |
|----|-----------|--|-------|------|----------|----------|
| | | serviceable materials in countable stack and disposal of unserviceable materials with all leads complete as per direction of E/I. | | | | |
| | | Unskilled Labour | 36.00 | Each | 326.85 | 11766.60 |
| 20 | NS | Repairing of old wooden work Chair, Table etc all complete as per the direction of E/I. | | | | |
| | | Head Carpenter | 10.00 | Nos | 521.42 | 5214.20 |
| | | Carpenter | 10.00 | Nos | 451.39 | 4513.90 |
| 21 | M-200 | Seasonal sal wood scantling | 0.017 | Cum | 52877.00 | 892.30 |
| 22 | M-201 | Sal Plank | | | | |
| | (i) | 25mm to 40mm | 0.034 | Cum | 57130.15 | 1919.57 |
| 23 | DSR 2631 | 4 mm thick ACP | 68.60 | Sqm | 1303.53 | 89422.36 |
| 24 | 5.4.52.8 | 100 mm Tower Bolt | 10.00 | Each | 46.65 | 466.50 |
| 25 | DSR 21.13 | Providing and fixing Brass 100 mm mortice latch and lock with 6 levers without pair of handles (best make of approved quality) for aluminium doors including necessary cutting and making good etc. complete. | 2.00 | Each | 431.57 | 863.15 |
| 26 | 18.8 | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of | | | | |

| | | | | | | |
|----|--------------|--|-------|-------|---------|----------|
| | | joints complete as per direction of Engineer in Charge. | | | | |
| | | Concealed work, including cutting chases and making good the walls etc. | | | | |
| | 18.8.1 | 15 mm nominal dia Pipes | 20.00 | Metre | 406.23 | 8124.69 |
| | 18.8.2 | 20 mm nominal dia Pipes | 30.00 | Metre | 438.71 | 13161.42 |
| 27 | JSR 3.2.6 | S/F/F white glazed fire clay sink of approved make with flow arrangements supported on C.I or R.S painted brackets 40mm dia C.P brass waste with C.P brass chain and rubber plug 40 mm dia P.V.C waste pipe about 750 mm long with brass coupling at one ended 15mm C.I body brass spindle bib cock of approved quality of weight not less than 450 grams including cutting wall and making good the same etc all complete as per specification and direction E/I. | | | | |
| | (iii) | Lab sink 450 mm x 300 mm x 150 mm | 6.00 | Each | 2129.31 | 12775.86 |
| 28 | 12.41 | Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. | | | | |
| | 12.41.2 | 110 mm diameter | 60.00 | Each | 307.98 | 18478.86 |
| 29 | 12.42 | Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with | | | | |

| | | | | | | |
|----|-----------|---|-------|------|--------|---------|
| | | seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. | | | | |
| | 12.42.1 | Coupler | | | | |
| | 12.42.1.2 | 110 mm diameter | 16.00 | Each | 111.11 | 1777.71 |
| | 12.42.3 | Single tee with door | | | | |
| | 12.42.3.2 | 110x110x110 mm | 5.00 | Each | 180.63 | 903.17 |
| | 12.42.5 | Bend 87.5° | | | | |
| | 12.42.5.2 | 110 mm bend | 5.00 | Each | 122.69 | 613.47 |
| 30 | 12.43 | Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. | | | | |
| | 12.43.2 | 110 mm | 15.00 | Each | 303.00 | 4545.05 |
| | | Carriage of Materials | | | | |
| | | Coarse Sand (8 KM.) | 7.23 | Cum | 293.56 | 2122.10 |
| | | Stone Chips (22 KM.) | 14.46 | Cum | 442.36 | 6395.49 |
| | | ELECTRICAL ITEMS | | | | |
| 1 | 1.3 | Point wiring in PVC conduit, with modular type switch:- Wiring for light point fan point/exhaust fan point/call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core in surface/recessed PVC | | | | |

| | | | | | | |
|---|--------|---|--------|-------|--------|----------|
| | | conduit, with modular switch, modular plate suitable GI box etc as required | | | | |
| | 1.3.1 | Group A | 30.00 | Point | 607.00 | 18210.00 |
| 2 | 1.5 | Power plug wiring in PVC conduit (2 x 4 sq.mm) :- Wiring for light/power plug with 2 x 4 sq.mm FR PVC insulated copper conductor single core cable in Surface/recessed PVC conduit, along with 1 No 4 sq.mm FR PVC insulated copper conductor single core cable for loop earthing etc as required. | 110.00 | Metre | 262.00 | 28820.00 |
| 3 | 1.24 | S/F Modular type switch/ socket : Supplying and fixing of following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. | | | | |
| | 1.24.1 | 5/6 amps, one way switch | 5.00 | Each | 67.00 | 335.00 |
| | 1.24.4 | 5/6 amps, 3 pin socket outlet | 5.00 | Each | 88.00 | 440.00 |
| 4 | 1.26 | S/F Modular type blanking plate :- Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required. | 10.00 | Each | 21.00 | 210.00 |
| 5 | 1.31 | S/F light plug point with modular type accessories :-Supplying and fixing suitable GI box with modular plac and cover in front on surface of in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch. connection, painting etc. as required (For light plugs to be | 10.00 | Each | 322.00 | 3220.00 |

| | | | | | | |
|----|-------|---|-------|--------------|---------|-------------------|
| | | used in non residential buildings) | | | | |
| 6 | 1.32 | S/F power plug point with modular type accessories :- Supplying and fixing suitable GI box with modular plac and cover in front on surface of in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch. connection, painting etc. as required (For light plugs to be used in non residential buildings) | 10.00 | Each | 405.00 | 4050.00 |
| 7 | 1.33 | S/F ceiling rose :- supplying and fixing 2 pin 5 amp. Ceiling rose on the existing junction box/wooden block including connection etc. as required . | 15.00 | Each | 45.00 | 675.00 |
| 8 | 9.5 | S.I.T.C of following rating surface mounted LED tube light fitting suitable for 230V 50H2, single phase supply etc. complete as required. | | | | |
| | 9.5.2 | 20/22W LED Tube light | 20.00 | Each | 628.00 | 12560.00 |
| 9 | M-777 | 16'(400mm) Wall mounted fan" | 10.00 | Each | 2241.53 | 22415.25 |
| 10 | 9.4 | Supply Installation, testing and commissioning of following size ceiling fan 3 Blades confirming to13:374,.2019 including wiring the down rods of standard length (upto 30cm) with 1.Ssq.mm. FR PVC insulated, copper wire suitable for 230V 50H2, single phase supply etc. complete as required. | | | | |
| | 9.4.1 | 1200mm (48") Ceiling Fan | 6.00 | Each | 1748.00 | 10488.00 |
| | | | | Total | | 1652136.02 |