



CS1.

DR. SHYAMA PRASAD MUKHERJEE UNIVERSITY
(Following Upgradation of Ranchi College, Ranchi, under RUSA Programme, Component-I)
Ranchi, Jharkhand.

OFFICE OF THE
REGISTRAR

Memo No: DSMPU/G/648/22

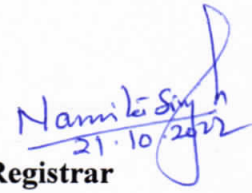
Date: 21/10/2022

NOTICE INVITING E-TENDER

Sub: Repair and Maintenance Works (Civil & Electrical) at the premises of Dr. Shyama Prasad Mukherjee University, Ranchi.

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

Name of work	Repair and Maintenance Works (Civil & Electrical) at the premises of Dr. Shyama Prasad Mukherjee University, Morabadi, Ranchi.
Estimated tender value	Rs. 27,10,343.00 (Rupees Twenty Seven Lacs Ten Thousand Three Hundred Forty Three Only)
Period of Works	04 Months
Tender Fees	Rs. 5,000/-
Bid Security / Earnest Money Deposit	EMD Rs. 54,000.00/- (Rupees Fifty Four Thousand Only)
Security Deposit Money	Rs. 1,35,000/- (Rupee One Lacs Thirty Five Thousand Only)
Date of publishing e-tender Last date of bid submission	From 22/10/2022, 04:00 PM Upto 12/11/2022, 03:00 PM
Date & Time of Opening of technical bid	14.11.2022 at 03.00 PM


21.10.2022
Registrar
DSMPU, Ranchi.

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 e-tender document (each page)
2	Copy of ESI Registration.
3	Copy of EPF Registration.
4	Copy of Registration of GST.
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 and Electrical License.
8	Copy of Balance sheet/ P & L Account for last three financial years (i.e. 2022-21, 2021-20, 2020-19).
9	Copy of Income Tax Return for last three years (i.e 2022-21, 2021-20, 2020-19).
10	Annual turnover of works for immediate last 3 consecutive financial year's i.e. 2022-21, 2021-20, 2020-19) should be more than 30 Lacs. Duly certified by Chartered Accountant.
11	Complete Bank Details/ Cancelled Cheque
12	Annexure A, B, applicable Duly filled and attested.
13	Undertaking on Rs. 100/- stamp paper for the Agency / Firm that is never debarred/ blacklisted by any of the Institution / Office anywhere in India.
14	Documents in support of contracts fulfilled in last 7 years along with their values in support of the experience. Minimum 4 years of Experience need in the same field.

- The interested bidders may get the Tender Document from the Section Officer Office in normal working days between 10:00 AM to 03:30 PM. The Bidder should submit the Bid document with firms letter pad **through Registered/ Speed Post/ Courier or by Hand dropped** to the **Office of Registrar, DSPMU, Ranchi**. The cover superscripted as Tender Bid for "**Repair and Maintenance Works (Civil & Electrical) at the premises of Dr. Shyama Prasad Mukherjee University, Morabadi, Ranchi**". The Bid document must reach the above mentioned office by **12.11.2022, 03:00 PM**.
- The Tender document can be obtained by downloading it in PDF format from the University Website: www.dspmuranchi.ac.in from **21.10.2022, 04:00 PM to 12.11.2022, 12:30 PM**. In addition to Bid Document, the bidder also shall be required to submit Original Earnest Money Deposit (EMD) and the Tender Fees before submitting the Bid Document. The amount of **EMD Rs. 54,000.00/- (Rupees Fifty fourThousand)** in the form of DD / Banker Cheque drawn in favor of Registrar, DSPMU, payable at Ranchi. Earnest Money deposit must be sent along with hard copies before the closing date and time of the Tender to the following address - "The Registrar, Dr. Shyama Prasad Mukherjee University, Morabadi, Ranchi - 834008. At the top of

the cover, the following words should be written **"Repair and Maintenance Works (Civil & Electrical) of Dr. Shyama Prasad Mukherjee University, Morabadi, Ranchi"**.

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 Seventy-Five (60) days from the date of opening of tender.
7. The EMD of unsuccessful e-tender shall be refunded after the award of work to the successful tender.
8. Security Deposit an amount of Rs. 1,35,000/- (One Lacs Thirty Five Thousand Only) to be deposited to the Dr. Shyama Prasad Mukherjee University in the form of Bank Draft/Banker Cheque/Bank Guarantee of any nationalized Bank in favour of **"Registrar, DSPMU, Ranchi" payable at Ranchi** by the successful tenderer on award of work. The Performance Security money will be released without interest after 60 days of successful completion of the work.
9. Rates quotes shall be firm and fixed and are inclusive of cost of manpower, material, machinery tools, plant and taxes/duties, etc. **GST will be paid as per CPWD norms.**
10. **Eligibility Criteria:**
 - I. The tenderers should have fulfilled minimum **Four years'** experience in the last Seven years as on **31-10-2022** in Central Govt/State Govt. /PSU's/Autonomous of Works of similar nature. Similar nature means works related to repair works of building or construction of building or maintenance of building including civil, Plumbing, & electrification works.
 - II. The tenderer should have fulfilled one of the following works.
 - (a) The tenderers should have successfully completed three similar works of value not less than Rupees 10 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 Maintenance Works 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.

14. **Annexures to the Tender Document-**

I. **Annexure-A- Scope of work:**

The repair and maintenance works (Civil & Electrical) has to be carried in the Deptt of TRL, Deptt of EVS, Deptt of Botany, Deptt of Zoology, Deptt of Fish & Fisheries and Student Union Office of Dr. Shyama Prasad Mukherjee University. The total estimate amount for repair and maintenance works (Civil & Electrical) in above mentioned Departments is Rs. 27,10,343/- (Rupees Twenty Seven Lacs Ten Thousand Three Hundred Forty Three Only).

II. **Annexure-B- Technical Bid :**

TECHNICAL BID

1. GENERAL INFORMATION

Appendix - I

Name of The Agency/ Firm Along with Address and Telephone / Mobile No and E-Mail Address	
Name of Owner/ All Partners/ All Directors	
Type of Formation (Proprietorship/ Partnership / Pvt. Ltd/Ltd.)	
Bank Account Number with Bank Name and Address.	

SIGN OF TENDERER

2. STATUTORY AND OTHER REQUIREMENTS:**Appendix -II**

Particulars	Registration Number	Copy Enclosed
Certificate of Incorporation/ Registration of Firm		
Electrical License		
ESI Registration		
EPF Registration		
GST Registration		
PAN No. under Income Tax		
Labour (Central/State) Registration Certificate, if applicable		
Trade license No.		

3. Copies of Income Tax Return for Financial year 2019-20, 2020-21, 2021-22:

Financial Year	Income Tax Return Enclosed
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SIGN OF TENDERER

Appendix – III

EXPERIENCE OF COMPANY

(Experience of similar nature of work / Special Repair and maintenance completed during last seven years preceeding 31st Oct 2022). Use separate sheet for each work.

1	Project Title & Location:	
2	Name of the Client & Address:	
3	Describe area of Participation (Specific work done / services rendered by the applicant)	
4	Period of work Done / Services rendered for the project	
5	Total Cost of similar nature of work as per completion Certificate	
6	Date of start of the work	
7	Date of completion of the work	
8	Any other details	

Note: Supporting documents like certificates from the client in support of each of the above projects to be furnished.

SIGN OF TENDERER

Appendix-IV

UNDERTAKING
(Format of undertaking to be submitted along with Tender)

1. I the undersigned hereby declare and affirm that I have gone through the terms and conditions mentioned in the tender document and under take 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 in 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 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

Appendix:- V**COMPULSORY DOCUMENTS TO BE SUBMITTED ALONG WITH THE TENDER
(Checklist)**

The following documents must be submitted along with the tender, without which the tender is liable to be rejected. The tenderer must make a tick against each of the following documents submitted.

(Please Tick the applicable boxes)

1. EMD worth Rs..... dated.....drawn from..... ☐
2. Copy of documents showing prior experience. ☐
3. Copy of PAN Card. ☐
4. Copy of Labour Licence ☐
5. Copy of Registration of ESIC/EPF ☐
6. Copy of Trade License ☐
7. Copy of Electrical License/ Document showing validity of Electrical License if ☐ applicable
8. Undertaking as mentioned in Annexure-D . ☐
9. All the tender documents from with signature & stamp of party on each page. ☐
10. List of works completed by the agency in the last 3 years and ongoing works. ☐
11. Audited Balance Sheet of Last 3 years i.e. for the F.Y. 2019-20, 2020-21&2021-22. ☐
12.(Any other Document/Information, if necessary). ☐

Name:

Signature:

Stamp:

III. Annexure-C- Financial Bid

Name of work :REPAIR OF TRL,PHYSICS, EVS,BOTONY DEPARTMENT & STUDENT UNION OFFICE					
Location : DR.SHYAMA PRASAD MUKHRJEE UNIVERSITY,RANCHI					
S. No	ITEM DESCRIPTION (INCLUDING GST AND LABOUR CESS)	UNIT	BOQ Qty	BOQ Rates	BOQ Amount (Rs)
1	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :				
	All kinds of soil				
	Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	Cum	8.00		
2	Hacking of CC flooring including cleaning for surface etc.complete as per direction of E/I.	sqm	211.25		
3	Dismantling 15 to 40 mm dia G.I pipe including stacking of dismantled pipes (within 50m lead) as per direction of E/I.	Rmt	300.00		
4	Dismantling door,windows and clerestory windows (steel or wood) shutter including Chowkhats,architrave,holdfasts etc.complete and stacking within 50m leads				
	Of area 3 sqm and below	Each	17.00		
	Of area beyond 3 sqm	Each	14.00		
5	Disposal of building rubbish/malba/similar unserviceable material, dismantled or waste materials by mechanical means, including loading,transporting,unloading to approved municipal dumping ground or as approved by E/I,beyond 50m initial lead,for all leads including all lifts involved.	cum	8.00		
6	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete	Sqm	2251.41		

7	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, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. Glazing and paneling to be paid for separately) :				
	For fixed portion.				
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	643.58		
8	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):				
	With float glass panes of 4.0 mm thickness	sqm	100.04		
9	Renewing glass panes,with putty and nails wherever necessary including racking out the old putty				
	Float glass panes thickness 4 mm	sqm	40.00		
10	Supplying and fixing of star lock in aluminium windows	Nos	40.00		

11	Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings, the aluminium quality as per grade 6063 T5 or T6 as per BS 1474, including super durable powder coating of 60-80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). The weight of aluminium extruded section shall be taken for purpose of	kg	158.50		
12	Supply and Installation of 4mm thick ACP	sqm	61.60		
13	Supplying, fitting and fixing 30 mm thick solid core type decorative single leaf flush door shutter with both sides decorative veneered with black board core banded with high quality phenol formaldehydes synthetic resin of standard make with Aluminium fittings such as hinges, tower bolts, handle, cleat and sand blocks and taxes all complete as per building specification and direction of E/I.	sqm	4.00		
14	Supplying, fitting and fixing 30 mm thick solid core type non-decorative single leaf flush door shutter with both sides decorative veneered with black board core banded with high quality phenol formaldehydes synthetic resin of standard make with Aluminium fittings such as hinges, tower bolts, handle, cleat and sand blocks and taxes all complete as per building specification and direction of E/I.	sqm	1.00		
15	Supplying, fitting and fixing 30 mm thick solid core type non-decorative double leaf flush door shutter with both sides decorative veneered with black board core banded with high quality phenol formaldehydes synthetic resin of standard make with Aluminium fittings such as hinges, tower bolts, handle, cleat and sand blocks and taxes all complete as per building specification and direction of E/I.	sqm	2.00		

16	Chipping of unsound/weak concrete materials from slab ,beam,columns etc.with manual chisel and or by standard power driven percussion type or of approved make including tapering of all edges,making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc.and disposal of derbis foe all leads and lifts all complete as per direction of E/I.				
	75 mm average thickness	sqm	10.00		
	50 mm average thickness	sqm	40.00		
	25 mm average thickness	sqm	50.00		
17	Cleaning of reinforcement from rust from the reinforcing bars to give it a total rust free steel surface by using alkaline chemical rust remover of approved make with paint brush and removing loose particles after 24 hours of its application with wire brush and thoroughly washing with water and allowing it to dry,all complete as per direction of E/I.				
	Bars upto 12 mm diameter	per m length of bar	100.00		
	Bars above 12 mm diameter	per m length of bar	100.00		
18	Providing,mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of E/I.complete in all respect.				
	Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make	sqm	112.50		
19	Providing,mixing and applying SBR polymer (of approved make) modified cement mortar in proportion 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. Of cement used) as per specification and direction of E/I.	sqm			
	12 mm average thickness		10.00		
	25 mm average thickness in 2 layers		40.00		
	50 mm average thickness in 3 layers		50.00		

20	Providing and laying Doublecharge vitrified floor tiles in different sizes (thickness to be specified bt the manufacturer) with water absorption less tha 0.08% and conforming to IS : 15622/ISI 13006 of approved make,in all colour and shades,laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @3.3kg/ sqm including grouting the joints with white cement and matching pigments etc, complete. Size of Tiles 600x600 mm sizes.	per M ²	173.70		
21	Dismantiling old plaster and pointing in cement or lime and racking out joints to 15mm depth,watering and disposal of unserviceable material with all leads all complete as per direction of E/I.	Sqm	180.00		
22	Dismantling pucca brick or lime work including stacking serviceable materials in countable stacks within 15M lead and disposable of unserviceable materials with all leads all complete as per direction of E/I.	cum	12.00		
23	Supplying,fitting and fixing vitreous white glazed earthen ware I.W.C. of parry Hindustan or any other I.S.S approved make with 100mm H.C.I 'p' trap 15 liters C.I pull and let go flushing cistern of names or other I.S.S equivalent make,complete with all fittings,C.I or C.C brackets 32mm alkathene/P.V.C telescopic flush,pipe about 2M long with one brass coupling and clamps G.I chain and pull including supplying and fixing a pair of vitreous white glazed earthenware footrest to be fixed in floor 15mm C.I body brass spindle stop cock weight not less than 50grms,15mm P.V.C connection pipe 450mm long and exposed pipe and cistern with two coats of approved paints over a coat of red oxide primer etc.all complete as per specification and direction of E/I.				
	510mm long				
	with 10 liters low level PVC cistern	Each	2.00		
24	Supplying fitting and fixing vitreous white glazed earthen ware wash hand basin of parry or Hindustan or any other I.S.S approved make supported on painted C.I or R.S bracket 32mm C.I brass waste,15 mm dia C.I body brass spindle stop cock of approved quality of weight not less than 350 gms, 3mm PVC waste pipe 750mm long with brass coupling at one end and making plumber joints,15 mm dia C.I Brass Pillar	Each	2.00		

	cock weight not less than 400gm etc. all complete as per specification and direction of E/I.				
25	Supplying fitting and fixing flat back or angular,lipped front vitreous white glazed earthen ware urinal of Hindustan ,Parry or any other approved I.S.S make with 5 litre capacity C.I automatic flusing cistern of reliance for any other I.S.S approved make with all fittings with C.I or R.S bracket,standard size G.I flush pipe with fitting clamps, 15mm C.I body brass spindle stop cock of approved quality weight not less than 400 grams,15mm P.V.C Alkthene pipe 450mm long with brass coupling at both ends and doing plumber joints including painting of exposed part with two coats of approved paint over a primer coat of red oxide,cutting wall and floor,making good the same etc.all complete as per specification and direction of E/I.	Each	2.00		
26	Supplying,fitting and fixing the following items complete with all materials as per specification and direction of E/I.				
	Mirrors of 6mm thick plate glass bevelled edge mirror including C.P brass revolving fitting 3mm ply wood board and C.P hinges to fix with mirror				
	600mmx450mm size	Each	2.00		
27	Supplying,Fixing and Fitting Anodized aluminium 20mm x 600 mm towel rail complete with brackets	Each	2.00		
28	Supplying,Fixing and Fitting Glass shelf 600 mm x 125 mm with CP brass rail	Each	2.00		
29	Supplying,Fixing and Fitting Long Body Bib Cock	Each	4.00		
30	Providing designation 75A brick work in C.M (1:6) in superstructure with approved quality of clean coarse sand of F.M 2 to 2.5 including providing 10mm thick mortar joints, costs of screening,materials,scaffolding ,racking of joints to 15mm depth curing,taxes and royalty all complete as per building specification and direction of E/I.	Cum	22.13		

31	Providing 12 mm thick water proof cement plaster (1:3) with clean coarse sand of F.M 1.5 integral water proofing compound liquid @125 ml per bag cement including screening,curing with all lead and lift of water,scaffolding taxes and royalty all complete as per building specification and direction of E/I.Brand-Fosroc-Conplast X4211C,Sika-Plastocrate plus,Dr.fixit Pidiproof LW+,MYK proof WP.	per M ²	135.00		
32	Providing 12mm cement plaster (1:6) with clean coarse sand F.M 1.5 including screening,curing with all leads and lift of water,scaffolding taxes and royalty all complete as per building specification and direction of E/I.	per M ³	187.00		
33	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.	per M ²	4775.50		
34	Providing two coats of dry distemper of approved shade and make old surface including washing cleaning and preparing the walls,scaffolding,washing the floor and taxes all complete as per building specification and direction of E/I.	per M ²	6422.25		
35	Providing two coats of synthetic enamel paint of approved shade and make over steel surface including cleaning the surface throughly,scaffolding and taxes all complete as per building specification and direction of E/I.	per M ²	198.66		
36	Providing and laying 6mm precast white glazed tiles in wall over 12mm. Cement mortar (1:3) and jointed with grey cement slurry flush pointed with white cement including rubbing,polishing and cost of curing taxes,and royalty all complete as per building specification and direction of E/I.				
	With commercial grade white Tiles	per M ²	66.00		
37	Providing and laying vitrified paring/industrial tiles in different sizes (thickness to be specified bt the manufacturer) with water absorption less tha 0.08% and conforming to IS : 4457:2007, of approved make,in all colour and shades,laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @3.3kg/ sqm including grouting the joints with white cement and matching pigments etc, complete. Size of Tiles 300x300x10mm sizes.	per M ²	25.00		

38	Supplying, fitting and fixing aluminium fitting of approved quality and make to doors and windows all complete as per building specification and direction of E/I.				
	100 mm Butt Hinges	Each	20.00		
	250 mm sliding door bolt	Each	4.00		
	150 mm tower bolt	Each	6.00		
	100 mm door handle	Each	6.00		
39	Providing and fixing U- PVC water pipes including jointing with seal ring (i) Single socketed pipes. 110 mm dia	Rmt	30.00		
40	Providing and fixing U- PVC water pipes including jointing with seal ring (i) Coupler 110 mm dia	Each	8.00		
41	Providing and fixing U- PVC water pipes including jointing with seal ring (i) Single Tee with out door 110x110x110 mm dia	Each	4.00		
42	Providing and fixing U- PVC water pipes including jointing with seal ring (i) Bend 87.5° 110 mm dia	Each	4.00		
43	Supplying and fixing of 100 mm dia steel jali	Each	4.00		
44	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.				
	15 mm nominal outer dia Pipes	Rmt	30.00		
	25 mm nominal outer dia Pipes	Rmt	50.00		

45	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland/ Portland Slag Cement, admixtures in recommended proportion as per IS: 9103 to accelerate / retard setting of concrete to improve durability and workability without impairing strength; including pumping of concrete to site laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of E/I; for the following grade of concrete.				
	All work above plinth level upto floor v level				
	Concrete of M25 grade with minimum cement content of 330 kg/cum	Cum	1.75		
46	Providing Tor steel reinforcement 8 mm dia rods as approved design and drawing with cutting, bending and binding with annealed wire with cost of wire removal of rust, placing rods in position (including carriage of bars to work site) all complete as per building specification and direction of E/I. TMT fe 500 9only valid for Tata (Tiscon), SAIL, JSPL, Electrosteel steels Ltd. Bokaro and Vizag (RINL).	MT	0.06		
47	Providing Tor steel reinforcement 10, 12 & 16 mm dia rods as approved design and drawing with cutting, bending and binding with annealed wire with cost of wire removal of rust, placing rods in position (including carriage of bars to work site) all complete as per building specification and direction of E/I. TMT fe 500 9only valid for Tata (Tiscon), SAIL, JSPL, Electrosteel steels Ltd. Bokaro and Vizag (RINL).	MT	0.08		
48	Centering and shuttering including strutting, propping etc. and removal of form work				
	Suspended floors, roofs, landing, balconies and access platform	Sqm	12.00		
	Lintels, beam, plinth beam, girders, bressumers and cantilevers	Sqm	6.00		
	Edges of Slabs and breaks in floors and walls	Sqm	1.80		

49	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required..				
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	30.00		
50	Treatment at points of contact of wood work by chemical emulsion Chlorpyrifos/ Lindane (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	meter	35.00		
51	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
	Single rubber stopper	Nos	8.00		
52	Providing and fixing 16 mm M.S. Fan clamps of standard shape and size in existing R.C.C. slab, including cutting chase, anchoring clamp to reinforcement bar, including cleaning, refilling, making good the chase with matching concrete, plastering and painting the exposed portion of the clamps complete.	Each	6.00		
53	Providing and laying in position cement concrete of specific grade excluding the cost of centering and shuttering- All work upto plinth level :				
	1:4:8 (1 cement :4 coarse sand (zone III) :8 graded stone aggregate 40mm nominal size)	Cum	1.00		
54	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required .				
	Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	10.00		
55	Providing and fixing 25 mm thick shutters for cup board etc.				
	Glazed shutters :				

	Second class teak wood including ISI marked anodized aluminium butt hinges with necessary screws	Sqm	20.00		
56	providing one coat of wax polishing with manison, waxpol or equivalent approved quality of wax polish over old wooden surface including cleaning the surface after removing dirt , scales, smokes, grease and sand papering, including cost of scaffolding and taxes complete as per building specification and direction of E/I.	Sqm	100.00		
57	Easing and adjusting door and window shutter with chaukhats in old work complete as per specification and direction of E/I.	each	100.00		
58	Clearing Grass and Removal of Rubish				
	Clearing grass and removal of rubish upto a distance of 50 meters outside the periphery of the area				
	By manual means	Hect are	0.50		
59	Renewing glass panes, with wooden fillets wherever necessary				
	Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	Sqm	10.00		
60	Renewing glass panes and refixing existing wooden fillets:				
	Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	Sqm	20.00		
61	Providing one coats of synthetic enamel paint of approved shade and make over old wooden surface including cleaning the surface throughly, scaffolding and taxes all complete as per building specification and direction of E/I.	Sqm	709.14		
	Electrical Item (included with GST and labour cess)				
62	Supplying and fixing stepped type electronic fan regulator on existing Including connection but excluding modular plates etc. as required	Each	18.00		
63	Wiring for light / Ceiling fan/ Exhaust fan point with 1.5 sq mm FR PVC insulated multi Standed Copper Conductor Cable in Surface/ recessed PVC conduit with modular switch modular plate suitable G.I. bon for earthing the point with 1-5 sqmm FRPVC insulated copper conductor single core cable etc. as required Group-A	each	30.00		

64	wiring for Sub main wiring following sizes of FR PVC insulated multi Stranded Copper conductor Single Core Cable in surface/ recessed PCv Conduit as required. 2 x 2.5 sq mm + 1 + 1 x 2.5 sq mm with wire	each	20.00		
65	Power plug wiring in PVC conduit (2 x 4 sq mm) wiring for light / Power play with 2 x 4 sq mm FRPVC insulated copper conductor single core cable in surface/ recent PVC conduit along with 1 No. 4 sq mm FRPVC insulated copper conduit single core cable for loop Earthing as required	M	30.00		
66	Supply and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps modular switch ,connection painting etc.	Each	6.00		
67	Supply and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch ,connection painting etc.	each	6.00		
68	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	each	16.00		
69	Supply and fixing 3 pin, 5amp. ceiling rose on the existing junction box/ wooden block including connection etc required	each	18.00		
70	Supply and installation of 1*20 Watt LED Tube Light wall mounting Make : Havells ; PRIDE PLUS Cat No : LHEXBLPN1W020	Each	18.00		
71	Supplying, erection, connecting, testing and commissioning of 1200mm BLDC 5 Star IS:374:2019 ceiling fan complete with blades, down rod, shackle insulator, canopy etc. with faceplate matching the existing modular switches as required. (Excluding fan Regulator)	Each	20.00		
72	Supplying, erection, connecting, testing and commissioning of 300 mm metal size exhaust fan complete with gravity louver and connection with 3 core flexible wire as required.	each	2.00		
73	Supplying and fixing following size/ 8 modules. GI box along with modular base & cover plate for modular switches in recess etc as required	Each	8.00		
Total Amount					