

# **JAMIA HAMDARD**

**HAMDARD NAGAR, NEW DELHI – 110062**

## **TENDER FOR (Empanelled Contractors) FOR**

**Providing and making Wooden Partition, false ceiling ,civil and plumbing work for BSc. MSc. Integrated program at 3<sup>rd</sup> floor, School of Life Sciences.**

**JAMIA HAMDARD  
HAMDARD NAGAR, NEW DELHI-62**

**Ref. No. JH/Mainte.Civil/10/18  
Dated: 23-07-2018**

**TENDER NOTICE  
(ONLY FOR EMPANELLED CONTRACTORS OF JAMIA HAMDARD)**

Jamia Hamdard, New Delhi invites sealed items rate Limited tender, from empanelled contractors/agencies of Jamia Hamdard. The tender document can be downloaded from Jamia Hamdard official website ([www.jamiahamdard.edu.in](http://www.jamiahamdard.edu.in)) 23-07-2018 to 10-08-2018 up to 3.00PM after satisfying themselves eligible for the work as per tender's terms & conditions.

**NAME OF WORK:** Providing and making wooden partition, false ceiling, civil and plumbing work for BSc. MSc. Integrated program at 3<sup>rd</sup> floor School of Life Sciences.

**ESTIMATED COST:** Rs.23,49,634.62

**EARNEST MONEY:** Rs. 47,000.00 only

**TENDER COST:** Rs.1500.00

**TIME PERIOD:** 60 Days.

The contractors may drop the tenders in the tender box placed in purchase section on or before 10-08-2018 up to 3.00 PM along with demand draft of earnest money in sealed envelope clearly specifying the name of work. The D.Ds shall be in favor of Jamia Hamdard payable at New Delhi. The tenders shall be opened on 10-08-2018 at 3.30PM in presence of interested parties.

Jamia Hamdard reserves the right to reject any or all tenders or split the tenders without assigning any reason.

Registrar  
Jamia Hamdard

## **GENERAL TERMS AND CONDITIONS**

**Name of Work: - Providing and making wooden partition, false ciling ,civil and plumbing work for BSc. MSc. Integrated program at 3<sup>rd</sup> floor School of Life Sciences.**

1. The work shall be carried out following standard and accepted norms of civil engineering practice.
2. The CPWD General Terms and conditions and CPWD specifications with latest amendments & CPWD Manual provisions shall be applicable in execution of the project and shall form part of the contract.
3. The EMD shall be only in the form of Demand Draft drawn in favor of Jamia Hamdard, payable at New Delhi, failing which the Tender will summarily be rejected.
4. The rates shall be inclusive of all duties and cartage etc. No escalation of taxes shall be payable by the Jamia Hamdard during the contract period.GST will be considered as per Govt. norms if applicable.
5. Duly sealed tenders shall be dropped in the tender box placed at the Purchase section.
6. The conditional bids shall not be considered under any circumstances and rejected without any notice or assigning any reasons therefore.
7. All bids once submitted shall be the property of Jamia Hamdard, and bidders will lay no claim whatsoever on the same.
8. Sr. Consultant Jamia Hamdard, reserves the right to reject any or all the tenders in full or in part without assigning any reasons whatsoever, and the decision of the Sr. Consultant in this regard will be binding on all the bidders. Tenderers not complying with any of the provisions stated in this tender document are liable to be rejected.
9. No T & P shall be supplied by the Jamia Hamdard.
10. Income tax shall be deducted from the contractor bill as per Govt. of India rules.
11. Jamia Hamdard welfare fund charges are leviable @0.25% of the amount of bill claimed.

12. (i) Security shall be deducted @ 5 % of value of work done and total amount of security shall be released after expiry of the defect liability period of SIX MONTH effective from date of completion.
13. Earnest money deposited by the successful tender shall be converted in to security deposit & is adjustable against the actual amount to be deducted under clause 12 above.
14. The time allowed for completion of work shall be **(60 days)** which shall be reckoned from 02 (Two) day from the date of letter of intent.
15. Time allowed for the work shall be strictly followed otherwise the contractor shall be liable to pay compensation at the rate of **1.0%** of the tendered value of the work per week of delay on the part of the contractor. The decision of Engineer-in-charge about the delay shall be final and binding. However, for any reason beyond the control of the contractor the extension of time shall be granted upon application submitted by the contractor. No claim for any compensation during the extended period shall be entertained and the Sr. Consultant Jamia Hamdard decision in this regard shall be final.
16. No escalation in any form either of material or labour shall be payable by the University. The bidder shall also absorb any statutory escalation/increase of wages /material cost if any, anticipated during the contract tenure, including extended tenure.
17. All material brought at site shall be as per contract specification & schedule of quantities and shall be got entered in the site book and approved by Engineer-In-charge before being used.
18. Mandatory tests have to be carried out as asked for by the Sr. Consultant/Engineer-In-Charge. Nothing extra shall be paid for such purpose.

19. In case the successful bidder resiles from the offer within one month of the work order, the Security deposit will be forfeited. Similarly if successful bidder fails to commence the work after issue of award letter, the amount of earnest money will also be forfeited.
20. Any violation of instruction/agreement or suppression of facts will attract cancellation of contract without any reference or any notice period and in such case the amount of the contractor security deposit will be forfeited.
21. If agency at any time makes default during currency of work or does not execute any part of the work with due diligence or Commits default in complying with any of the terms and conditions of the contract and does not initiate any remedy for it or takes effective steps for its remedy or Fails to complete the work(s) or items of work within date of completion, on or before the date(s) so determined, and does not complete them within the period specified in the notice given in writing in their behalf by the Engineer-in-Charge. The Engineer- in-Charge without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to the Government, by a notice in writing to take the part work / part incomplete work of any item(s) out of his hands and shall have powers to take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/or Carry out the part work / part incomplete work of any item(s) by any means at the risk and cost of the contractor.
22. Sr. Consultant, Jamia Hamdard reserves the right to terminate the contract without any reference or any notice period on account of poor workmanship, non-compliance of set norms/specifications for the works, delay in progress of work, violation of any contract provisions by the contractor, failure to start the work at Jamia Hamdard , within 10 days from date of issue of Work order. In such cases the contractor is liable to pay Liquidated Damages @ 5% of tendered value besides security deposit.
23. Decision of Sr. Consultant Jamia Hamdard in regard to interpretation of the terms and conditions and the Agreement shall be final and binding on the Contractor.

24. The Contractor shall be solely responsible for any accident/medical/health related liability/compensation for the personnel deployed by it at Jamia Hamdard . The Jamia Hamdard shall have no liability in this regard.
25. The personnel provided by the Contractor will not claim to become the employees of Jamia Hamdard and there will be no Employee and Employer relationship between the personnel engaged by the Agency and Jamia Hamdard .
26. No tent or hut shall be allowed to be put up for workers to stay within the campus. The contractor is deemed to have inspected the site and thoroughly acquainted himself with the site conditions, availability of storage space for materials etc.
27. The Contractor should take extra precaution to ensure that there is absolutely no damage to the surrounding structure/existing system etc. If any damage made by agency, it will be got repaired/replaced/rectified by the agency itself at no extra cost.
28. The Contractor should make special note of the fact that the Renovation/remodeling/repair works are to be carried out in the existing functional building and the agency will adopt necessary barricading / covering of the area under execution with no / least disturbance to adjoining / surrounding areas of the building under use for teaching / research, etc. The Contractor shall depute their own security staff for watch and ward of their materials supplied/ installed at site till the final handing over of the complete work and temporary lockable shed/Almirah etc. shall be arranged by contractor at his own risk and cost. No accommodation/ staff/ lockable space will be provided by Jamia Hamdard under any circumstances.
29. It may here be noted, that the entire staff and labour of the Contractor will follow all the security instructions issued by Jamia Hamdard from time to time and these instructions may include the provisions to make suitable barricades or temporary wall fence to ensure that the labour confines itself to the area of the work only. Serious action will be taken in case any of the contractor's workmen are found to be tampering with the Laboratory equipment and property of the University. Suitable damages will be

recovered from the contractor's bills if anyone is found to do so. All decisions of the Engineer-in Charge in respect of the same will be final and binding on the contractor.

30. On completion of all work, Contractor shall remove all surplus materials & leave the site in a broom clean condition, failing which the same shall be done at Agency's risk & cost.
31. The Contractor shall ensure compliance of all statutory laws & bye laws of the central govt./state govt./Municipal authorities related to the employment of their staff and all obligations under Minimum Wage Act, Workman Compensation Act, Provident Fund & Miscellaneous Provision Act, Bonus Act & Contract Labour Act 1970 etc. Jamia Hamdard will not be responsible for such purposes in anyway.
32. Any claim, dispute or difference arising out of or in connection with this agreement and which cannot be settled by mutual consultations, shall be referred to sole Arbitration to be appointed by the Vice Chancellor Jamia Hamdard. The award of the Arbitrator shall be final and binding between the parties as per the Arbitration Act . The Arbitration proceeding shall be governed by the Arbitration and Conciliation Act and shall be conducted in Delhi.
33. Shop Drawing:- (i) The shop drawing for all works as required by Engineer-in-charge shall be submitted in quadruplicate at no extra cost by the contractor and in the manner so required by them. The contractor shall proceed with the works only after approval by the Engineer-in-charge. Such drawings shall be coordinated with all disciplines of work

## **GENERAL CONDITIONS FOR SUBMISSION OF TENDER**

### **1.0 Submission of Tender:**

Tenders should be submitted in sealed envelopes. The tender duly filled in sealed condition should be hand delivered in the tender box kept in the Purchase section, Jamia Hamdard. It should not be handed over to any employee of the Jamia Hamdard . No tender shall be accepted later than the time schedule specified. Tender once submitted will remain with the Jamia Hamdard and will not be returned to the bidder.

### **2 Validity of Tender:**

Tender shall be valid for our acceptance without any change in rates and NIT conditions for a period of 30 days from the date of opening of Technical Bid.

### **Declaration by the Tender**

This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained herein and undertake myself/ourselves to abide by them.

SIGNATURE OF TENDERER WITH SEAL DATE:

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## **SPECIAL CONDITIONS OF CONTRACT**

### **1. OWNER :**

The name and address of the Owner / Engineer-in-Charge responsible for the preparation of the Contract documents are as follows:-

**OWNER:**JAMIA HAMDARD , NEW DELHI

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### **2. SITE**

**2.1 Providing and making wooden partition, false ceiling, civil and plumbing work for Bsc. Msc. Integrated program at 3<sup>rd</sup> floor School of Life Sciences.**

#### **2.2 CONTRACTOR TO SATISFY HIMSELF ABOUT SITE CONDITIONS**

Before tendering, the Contractor shall visit and examine the site and satisfy himself as to the site conditions the correct dimensions of the work and facilities for obtaining the special articles called for in the contract documents and shall obtain generally his own information on all matters affecting the continuation and progress of the works. No extra charge made in consequence of any misunderstanding or incorrect information on any of these points or on the grounds of insufficient description will be allowed.

#### **2.3 POSSESSION**

The Contractor shall there upon commence the works and regularly and diligently proceed with the same and complete the same in stages on or before the contract date for completion.

### **SCOPE OF WORK**

#### **3.1 SCOPE**

The general character and the scope of work is illustrated and defined by the Schedule of Quantities and Specifications herewith attached.

#### **3.2 EXTENT**

The Contractor shall carry out and complete the said work in every respect in accordance with the contract, and with the directions of and to the satisfaction of the Engineer-in-charge and Sr. Consultant , JAMIA HAMDARD .

#### **4.0 CONTRACT DRAWINGS**

Drawings forming part of the contract are listed under. Other drawings and details issued and shop drawings approved during the currency of the contract shall also form part of the contract. The Contractor shall keep at least one copy each of drawings, conditions of contract, specifications, instructions and schedule of quantities at the site of works available for reference by any authorized representative Sr. Consultant, **JAMIA HAMDARD /ARCHITECTS**, at all times during the progress of the works.

#### **5.0 TYPE OF CONTRACT**

The Contract shall be an item rate contract. The Contractor shall be paid at the contract rates, for the actual quantity of work carried out by him in accordance with the Contract documents as measured.

#### **5.1 SCHEDULE OF QUANTITIES**

The quantities given in the Schedule of Quantities are provisional and are meant to indicate the intent of the work and provide a uniform basis for tendering. The Contractor shall be paid for the actual quantity of work executed by him in accordance with Contract Documents at the contract rates.

#### **6.0 WATER AND ELECTRICITY FOR CONSTRUCTION**

Water for use at site of work shall be arranged by the contractor. The contractor shall make his own arrangement for any temporary service piping taps as required for his use on the works and shall remove the same on completion. Electricity required for the job shall be made available and shall be charged the contractor may arrange for the same at their own cost. However, necessary piping, valve, wiring, cabling, lamps, switches & sockets, main switches, halogen/tube light fitting and tapping from existing line/connection including labour have to be arranged by the contractor at their own risk & cost.

#### **7.0 PAYMENT OF CONTRACTORS BILL**

Subject to the provisions of terms and conditions of the contract, Sr. Consultant, JAMIA HAMDARD , shall affect Contract payments against RA Bills shall be released to the contractor as below:

RA Bills: 75% of the recommended payments duly certified by the Engineer-in-Charge within fifteen (15) working days of the submission of the bill and balance within one month of submission of the bills.

Final Bill: Within one (1) months of submission of the Bill with the final completion Certificate and as per the terms and conditions of the Contract.

***Note: All Bills are required to be supported by Detailed Measurement Sheet and Analysis of Rates for Extra Items and its approval along with the Bill. The Bills shall be submitted in***

***specified format which should indicate quantities executed in all RA Bills and cumulative Quantities besides current bill quantities along with tendered quantity/unit/rates.***

## **8.0 SCHEDULE OF RATES TO BE INCLUSIVE**

Schedule of Rates shall be deemed to include and cover all costs, taxes, octroi, expenses and liabilities of every description and all risks of every kind (FOR Site) to be taken in executing, completing and handing over the work to the Owner by the contractor. The contractor shall be deemed to have known the nature, scope, magnitude and the extent of the works and materials required, through the contract documents may not fully and precisely furnish them. He shall make such provision in the Schedule of Rates as he may consider necessary to cover the cost of such item of work and materials as may be reasonable and necessary to complete the works. The opinion of the Architects as to the items of work which are necessary and reasonable for completion of work shall be final and binding on the contractor, although the same may not be shown on or described specifically in contract documents.

**9.0** Generality of this present provision shall not be deemed to cut down or limited in any way because in certain cases it may and in other cases it may not be expressly stated that the Contractor shall do or perform a work or supply articles or perform services at his own cost or without additional payment or without extra charges or words to the same effect or that it may be stated or not stated that the same are included in and covered by the Schedule of Rates.

## **10.0 SCHEDULE OF RATE TO COVER CONSTRUCTIONAL PLANT, MATERIALS, LABOUR, ETC.**

Without in any way limiting the provisions of the preceding sub-clause the schedule of Rates shall be deemed to include and cover the cost of all constructional plant, temporary works (except as provided for herein specifically) pumps, materials, labour, insurance, fuel, stores and appliances to be supplied by the contractor and all other matters in connection with each item in every respect maintained and as shown or described in the contract documents or as may be ordered in writing during the continuance of the contract.

## **11.0 SCHEDULE OF RATES TO COVER ROYALTIES, RENTS, PROVIDEND FUND, AND CLAIMS**

The Schedule of Rates shall be deemed to include and cover the cost of all royalties and fees for all articles, processes, protected by letters, patent or otherwise incorporated in or used in connection with the works, also all royalties, rents and other payments in connection with obtaining materials of whatsoever kind for the works and shall include an indemnity to

SR. CONSULTANT , JAMIA HAMDARD which the contractor hereby give against all actions, proceedings, claims, damages, costs and expenses arising from the incorporation or the use on the works of any such articles, processes or materials. Octroi or other Municipal or local Board charge, if levied on materials, equipment or machineries to be brought to site and removed from site for use on work or after completion of the work, shall be borne by the contractor. The contractor should be registered for Provident Fund and would be required to make the deductions on the salaries paid to the workers and deposit the same to the concerned department.

## **12.0 SCHEDULE OF RATES TO COVER TAXES AND DUTIES**

No exemption or reduction of customs duties, excise duties sales tax, VAT or any part duties, transport carriages, stamp duties or Central or State Government or other body including one company or dues, taxes or charges (from or of anybody including the company), whatsoever will be granted or obtained all of which expenses shall be deemed to be included in and cover by the Schedule of rates. The contractor shall also obtain and pay for all permits, or other privileges necessary to complete work. In case where SR. CONSULTANT, JAMIA HAMDARD, wishes to avail Tax/Duty exemptions as applicable to the contractors shall comply with the instructions from SR. CONSULTANT, JAMIA HAMDARD.

## **13.0 SCHEDULE OF RATES TO COVER RISKS OF DELAY**

The schedule or Rates shall be deemed to include and cover the risk of all possibilities of delay and interference with the contractor's conduct of the works which occur from any cause including orders of SR. CONSULTANT , JAMIA HAMDARD, in the exercise of his powers and on account of extension of time granted due to various reasons and for all other possible or probable causes of delay.

## **14.0 SCHEDULE OF RATES CANNOT BE ALTERED**

For work under unit rate basis, no alteration will be allowed in the schedule of rates by reason of works or any part of them being modified, altered, extended, diminished or omitted. The schedule of rates are fully inclusive rates which have been fixed by the Contractor and agreed to by SR. CONSULTANT , JAMIAHAMDARD and cannot be altered.

LIST OF APPROVED MAKES- CIVIL WORKS

1 Ordinary Portiant Cement	L&T ,Ultra Tech,ACC, or other brads approved by the Architect
2 Steel Reinforcement Bars	TISCO,SAIL RINL,Rathi udyog Ltd.
3 Structural Steel Sections	TISCO, SAIL RINL, Supreme...
4 Stone Aggregate (Blue/Black)	Sohna, Pali or other Approved
5 Water proof Shuttering	Century,Green,Duro/Haryana Plywood
6 Paints/O.B.D	ICI,Asian,Berger,Nerolac
7 Water proof Paint	Apex(Asian),Super Snowcem (kellick Nixon),
8 White Cement	Birla,JK Cement
9 Waterproofing	Structural Water proofing Co,Dr.Fixit,Overseas Water Proofing
10 Silicon Sealants	Dow Corning/GE
11 Glass and mirror	Saint Gobain/Guardian/Asahi
12 The Adhesives	Weber, Lafarge, Keisel, Balendura
13 Expansion joint covers	CS,Inpro
14 Glass	Saint Gobain, Guardian, Glaverbel,
15.Vitrified tiles	Kajaria double charged
16. Armstrong ceiling	Armstrong
17. Other material of work which are not enlisted	As per approval of Engineer In-charge of work

## Bill of Quantities

For

Providing and making wooden partition, false ceiling, Civil and plumbing work for Bsc. Msc. Integrated program at 3<sup>rd</sup> floor School of Life Sciences

### Schedule of Quantities:

S.No.	Description of work	Qty	Unit	Rate	Amount
1.	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	10.20	Cum		
2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes Cement mortar 1:6 (1 cement : 6 coarse sand)	15.41	Cum		
3	15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand)	90.30	Sqm		
4	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	87.00	Sqm		
5	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigments etc., complete.	71.69	Sqm		
6	Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern,	2.00	Nos		

	including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests				
7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: 17.7.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	3.00	Nos		
8	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required :17.5.1 Single half stall urinal with 5 litre P.V.C. automatic flushing cistern	4.00	Nos		
9	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litter low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	2.00	Nos		
10	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic molded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape 1500x450 mm	2.00	Nos		
11	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	11.15	Sqm		



12	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	24.30	Sqm		
13	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	0.19	Cum		
14	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars	25.00	Kg		
15	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall				
a	20 mm nominal outer dia Pipes	41.46	Mtr		
b	25 mm nominal outer dia Pipes	15.00	Mtr		
c	32 mm nominal outer dia Pipes	15.00	Mtr		
16	Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth. White Agaria Marble Stone	4.00	Nos		
17	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Semi rigid pipe 32 mm dia	7.00	Nos		
18	Providing and fixing PTMT grating of approved quality and colour. Circular type 100 mm nominal dia	8.00	Nos		

19	Providing and fixing uplasticised PVC connection pipe with brass unions :45 cm length 15 mm nominal bore	11.00	Nos		
20	Providing and fixing PTMT stop cock of approved quality and color. 15 mm nominal bore, 86 mm long, weighing not less than 88 gms	11.00	Nos		
21	Providing and fixing PTMT bib cock of approved quality and color. 15mm nominal bore, 86 mm long, weighing not less than 88	1.00	Nos		
22	Providing and fixing 4" dia 6 kg pressure Pvc pipe for drainage line and stake line (Prakash make)	59.75	Mtr		
23	Providing and fixing 3" dia 6 kg pressure Pvc pipe for drainage line and stake line (Prakash make)	11.14	Mtr		
24	Providing and fixing health foucet of approved quality(Make of Super flow)	2.00	Nos		
25	Providing and fixing C.P. brass 2 way bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.	2.00	Nos		
	<b>Wooden partition work</b>				
26	Providing and fixing wooden frames partitions including door and 6mm ply of approved make and brand fixing of both side along with 1.00 mm thick laminate of approved make and brand with sound absorbing resin bonded fiber glass wool having density 32 kg/m <sup>3</sup> , 50 mm thick, wrapped in 200G Virgin polythene bags placed in between existing partition. Fixing of all necessary required fitting and fixtures(Door hinges,door closer, door stoper,tower bolt, door handle,mortice latch etc complete	680.00	Sqm		
	<b>False ceiling work</b>				

27	<p>Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop;made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.</p>	442.75	Sqm		
	<b>Internal painting work</b>				
28	<p>Removing white wash, color wash, plastic emulsion paint, oil bound distemper, synthetic enamel paint etc. by scrapping with sand papering removing loose particles etc. and making surface smooth for the work.</p>	746.29	Sqm		
29	<p>Filling putty making surface using ready made powder base putty of approved brand Birla putty. JK wall putty</p>	746.29	Sqm		

	or as approved by the engineer in charge etc. complete on walls surface interior including sand papering after filling the putty making the surface smooth for applying the finishing painting coat including necessary centering & shuttering and scaffolding up to all heights complete				
30	Plaster in patchwork and repairing of walls ceiling etc after cutting the old plaster in proper shape and repair with cement mortar 1:4 or plaster of paris etc .complete making good surface including necessary T&P and centering & shuttering and scaffolding up to all requirement high of the buildings.	37.31	Sqm		
31	Finishing walls with premium Acrylic smooth exterior paint with silicone additives like Apex weather shield etc. of approved brand and manufacturer (Asian paints ,ICI Dulux & Berger paints )of required shades .				
a	New work (three or more coats ) over and including base coat of water based exterior primer of same brand applied of same brand applied including necessary tools & plans and Scaffolding /Jhoola up to all high.	746.29	Sqm		
b	Old work(two or more coats)	0.00	Sqm		
32	Painting with synthetic enamel paint of approved brand and make (Asian paint,ICI Dulux ,Nerolac & Berger paint)to give an even shade such as blue green buff and all other requirement shades including using of colors strainer of approved brand for making of require shades with brushes etc complete including necessary centering and shuttering and scaffolding up to all hight.				
a	Old work(two or more coats)	13.94	Sqm		
b	New work (three or more coats)	0.00	Sqm		
	Total amount				

Total amount in words:-

Contractors Sign with sea