

# **UNIVERSITY OF CALCUTTA**

OFFICE OF THE UNIVERSITY ENGINEER 87/1 College Street Darbhanga Building, GroundFloor Kolkata-700073

Website:-www.caluniv.ac.in

# NOTICE INVITING TENDED

			NOTICE INVITING TENDER
	versity of Calcutta in		s sealed tender from resourceful and bonafide contractors for the following work:
١.	N.I.T. No	:	Eng./CT-67/21-22 Dated 24/09/2021
2.	Name of Work	:	REPAIRING, RENOVATION AND PAINTING WORKS OF ROOM NO. 224 ( Laboratory of Prof. P. Basu ) OF ZOOLOGY DEPARTMENT, BALLYGUNGE SCIENCE COLLEGE,35. B.C. ROAD, KOLKATA - 19.
3.	Estimated Cost put to Tender	ï	Rs.91971.95 (Excluding G.S.T) GST to be paid extra as applicable
l.	Earnest Money Deposit (EMD)		A sum of <b>Rs.4600.00</b> ( <b>Rupees fourthousand&amp; sixhundred only</b> )in the form of CTS demand draft in favour of University of Calcutta payable at Kolkata is to be attached with the Tender as earnest money failing which the tender will be treated as cancelled. Exemption of EMD is not allowed.
5	Bid validity period	:	60(sixty) days after opening of the tender.
6	Time of completion	:-	30 days
7	Eligibility Criteria and Documents to be submitted along with Application.	i.	Valid trade License, GST &PAN and credential for satisfactory completion of similar nature of job amounting75 % of the estimated value in a single tender in the last three financial years in Government /Government Undertaking or University of Calcutta. Original documents may be asked for verification of technical checking on the date of issuing tender paper. Failing to produce original documents, the tender will be rejected.  The participant bidder must submit the following documents in sealed envelope in the tender box kept at the Office of the Engineer at the Ground Floor of the Darbhanga Building, University of Calcutta, 87/1, College Street, Kolkata – 700073 within the last date of submission of the tender.  1. NIT documents duly filled and signed by the intending bidder.  2. Bank Draft for EMD in favour of the University of Calcutta.  3. Self-attested copy of Valid trade License, GST & Pan and credentials for satisfactory completion of similar nature of jobs under Government, Government Undertaking and Universities etc. within last three years.  4. Issued paper with application must be enclosed in scaled envelope.  Application through postal service or courier service is not accepted
3.	Date of Submission of Application	:	29.09.2021 (12 pm to 3 pm)
).	Date of issue of tender paper	:	29.09.2021 (12 pm to 3 pm) to be downloaded from website ( www.caluniv.ac.in)
).	Date and Time of tender Submission	:-	Dully filled and signed tender/quotation to be submitted on 04.10.2021 (11 am to 2.00 PM) in to the Tende Box kept in the Office of the University Engineer
10.	Date and Time of Tender Opening	:-	At or after 3:00 PM on 04.10.2021 at the Office of the University Engineer. Intending bidders are requested to be present at the time of opening tenders/quotations.

(i) N.I.T /NIQ no, Name of work, name of the bidder and the date of opening tender/quotation should be written on the sealed envelope, failing which the tender/quotation will not be opened and thus cancelled.

(ii)The undersigned reserves the right to reject any or all Tenders/quotations without assigning any reason what so ever.



UNIVERSITY ENGINEER (C.U)



Name of Work: REPAIRING, RENOVATION AND PAINTING WORKS OF ROOM NO. 224 ( Laboratory of Prof. P. Basu ) OF ZOOLOGY DEPARTMENT, BALLYGUNGE SCIENCE COLLEGE,35. B.C. ROAD, KOLKATA - 19.

Estimated cost put to tender: Rs. 91971.95

Rate Quoted by the Agency: .......% .( Percentage)Below / Above / At Par

Signature of the Agency with Date & Stamp.



# UNIVERSITY OF CALCUTTA

N. I.T. No.- Eng./CT-67/21-22

Dated 24/09/2021

## TENDER AND CONTRACT FOR WORK

### GENERAL TERMS AND DIRECTION FOR THE GUIDANCE OF CONTRACT

- 1. Eligible Tenders will have to download the tender papers from the website & drop the filled tender papers signed with seal and date at every page along with copy of Valid Trade license's, GST & PAN and Credential for satisfactory completion of similar nature of job amounting to at least seventy five percent of the job value in a single tender from any Government, Govt. undertaking or University of Calcutta in the last three financial year in sealed envelope in the Tender box kept in the Office of the undersigned with in the specified time mentioned in the NIT. Which will be opened by the undersigned or by his representative with in the specified time and date mentioned in the NIT. The tendered must write the name of the work, NIT no, the date of opening and name of the bidder on the envelop failing which the tender will not be opened thus will be treated as cancelled.
- 2. The rate should be quoted after inspection of the site and inclusive of all incidental charges i.e. freight, insurances, labour insurances, handling charges, necessary government taxes, duties etc. as well as the Water, Electricity charges which are to be paid as per rules.
- 3. The contractor shall be responsible to ensure compliance with the provision of minimum wages act 1948 as modified up to date and the rules made in respect of any employees, employed by the contractor directly or through the petty or subcontractor for the purpose of carrying this contract. The contractor shall be responsible for any damage, injury or loss caused by the work or workmen to any person, animal or material during the progress of work.
- 4. **Time Extension:** The allotted time for completion of the work is as specified in the NIT from the date of receipt of work order .Time is the essence of this contract. Normally no time extension will be granted. In case of prayer for extension of time the University authority has the full right reserved to grant it or discard it.



- 5. Liquidated damage will be charged to the contractor, if they fail to complete the work within the stipulated time as per contract@0.01% per day to a maximum limit of 10 % of the contract value .
- 6. Earnest Money Deposit: Depending on the type of goods to be purchased or work to be done, Earnest Money Deposit (EMD), also known as Bid Security, may be obtained from the bidders-except those who are registered with National Small Industries Corporation (NSIC) or MSME to safeguard against a bidder withdrawing/altering his bid during the bid validity period. The bidders are required to furnish Earnest Money Deposit (EMD) along with their bids. Amount of Earnest Money Deposit (EMD) should be five per cent of the estimated value of the goods to be purchased or work to be done. The Earnest Money Deposit (EMD) may be accepted in the form of Account Payee Demand Draft, Banker's Cheque or a Bank Guarantee in acceptable form from any of the Nationalized Banks, safeguarding the purchaser's interest in all respects. The Earnest Money Deposit (EMD) shall remain valid for a period of sixty days beyond the final tender validity period. The Bid Validity Period may be extended if required.
- 7. Refund of Earnest Money Deposit (EMD): Earnest Money Deposit (EMD) furnished by all unsuccessful bidders should be returned to them without any interest whatsoever, at the earliest after the expiry of the final bid validity period but not later than forty five days after the award of the contract. Earnest Money Deposit (EMD) of the successful tenderer should be returned, without any interest whatsoever, after receipt of performance security from him as stipulated in the contract.
- **8. Forfeiture of Earnest Money Deposit (EMD):** Earnest Money Deposit (EMD) of a tenderer shall be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of his tender. Further, if the successful tenderer fails to furnish the required performance security within the specified period, his Earnest Money Deposit (EMD) shall be forfeited.
- 9. Performance Security: To ensure due performance of the contract, performance security is to be obtained from the successful bidder awarded the contract except those who are registered with National Small Industries Corporation (NSIC). Performance Security should be of an amount of ten per cent of the value of the contract. Performance Security should be furnished in the form of an Account Payee Demand Draft, or Bank Guarantee from a Nationalized Bank in an acceptable form safeguarding the purchaser's interest in all respects. Performance Security is to be furnished within twenty one days after notification of the award of contract and it should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations.
- **10. Refund of Performance Security:** Performance Security should be refunded to the supplier without any interest, whatsoever, after he duly performs and completes the contract in all respects but not later than sixty days of completion of all such obligations under the contract.
- **11. Forfeiture of Performance Security:** Performance security is to be forfeited and credited to University of Calcutta in the event of a breach of contract by the tenderers, in terms of the relevant contract.
- **12. Verification of the Bank Guarantees:** Bank Guarantees submitted by the tenderers as Earnest Money Deposit (EMD)/Performance Security need to be immediately verified from the issuing bank before its acceptance, through written communication.



13.If the successful contractor's bid rate is 80% or less than the estimated amount put to tender the contractor will have to submit a Bank Guarantee amounting to 10% of the Tendered amount before issue of Work order failing which the EMD will be forfeited and the agency may be blacklisted. The Bank Guarantee should be valid till the end of the contract period and shall be renewed accordingly if required. This bank Guarantee is an Additional Performance Security .So provision of deducting Security deposit from bills will hold goods per relevant clause of the contract. The bank Guarantee shall be returned immediately on successful completion of contract.

- 14. **Security Deposit**: The University authority will retain a sum amounting to 10% of the bill of the contract for a period of six months from the date of completion of work as Security Depositwhich will be released after a period of six months from the date of completion of the work on application.
- 15. EMD and Performance security should be paid in favour of UNIVERSITYOF CALCUTTA payable at Kolkata .EMD must be attached with the tender in sealed envelope, failing which the tender will be treated as cancelled.

16. EMD Amount:	-Rs			
D.D No		Dated	/	/21
Name of Issuing Ba	nk:			
Branch	:-			

- 17. Work is to be carried out as per specification laid in the B.O.Q or PWD specification as per instruction of the University Engineer or his representative.
- 18. The materials brought to site for execution of the work should by no means be taken out of site without the permission of the Engineer C.U.
- 19. The rates must be quoted in words and in figure, otherwise the tender will be cancelled.
- 20. The University will not be bound to accept the lowest bidder.
- 21. The University will not supply any materials to the contractor.



- 22. The contractor will work under the strict supervision of the Engineer/ Sub-Assistant Engineer. The estimate given along with the tender are provisional payment will be made on the actual work done jointly measured by the Engineer or his representative(Sub-Assistant Engineer)& the contractor or his representative. The contractor will have to submit bill in printed format in duplicate.
- 23. The contractor will have to take necessary instruction from the Engineer CU/ Sub-Assistant Engineer regarding the execution of work.
- 24.Defect& liability Period :-The defect & liability period will be for a period of  $\underline{6(\text{six})}$  months from the date of completion of the job. Any defects pointed out during this period has to be mend good by the agency at his/her own cost, failing which the retention money will be forfeited.
- 25. After issuing the work order to the successful tenderer, if he fails to commence the work or unable to complete the work, then the EMD /Performance security amount of the said tenderer will be forfeited and no claim will be entertained.

UNIVERSITY ENGINEER (C.U)

Name of the Agency:

Address:-

SIGNATURE OF THE CONTRACTOR WITH SEAL AND DATE:

# PRICE SCHEDULE FOR REPAIRING, RENOVATION AND PAINTING WORKS OF ROOM NO. 224 ( Laboratory of Prof. P. Basu ) OF ZOOLOGY DEPARTMENT, BALLYGUNGE SCIENCE COLLEGE,35. B.C. ROAD, KOLKATA - 19.

walls, ceiling etc. upto any height and in any floor including removing pubbish and staking any where within the compound as directed.  2 Applying two coats of bonding agent with synthetic multifunctional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as manufacturer's specification.  3 Rendering the surface wall, ceiling with white cement based putty of approved make and brand.  4 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary / (with 1:6 cement mortar)? Our mitok  5 Fabrication and installation tully glazed aluminium window made of extruded and anodised alloy aluminium sections, Euforciation including cutting to proper shape and size, dilling and aligning, fitted with imbuild locking arrangement cutting the glass/ board( prelaminated / particle block ) to requisite shape and size moulding the edges fitted and fixed glazing clips and dry set neoprine / EPDM gasket, along with all other necessary arrangements for the fixing the partition to walls, floors, beams, columns polysulphide sealant for water proofing if necessary complete in all respect as per drawing and specification of EIC. The rates includes the hire charges of all tools and plants, adhesive, joineries such as screw, fastner, extruded aluminium sections, EPDM gasket, glass board glazing clips, locking arrangement etc. two track sliding window.  6 Supplying and laying true to line and level vitrified of approved brand ( size 800mm x 600mmx 10 mm thick) in floor, skiring etc. sit in 20 mm sand cement mortar ( 1: 4) and 2 mm thick oement and colouring program to materials, labour and all other incidental charges completerue to the maunfacturer's specification and direction of Engineer-in-charge / with polymer adhesive ( 3 to 4 mm thick layer ) including necessary 25 mm thic	SI. No.	Description of works	Unit	Rate	Quantity	Amount
Applying two coats of bonding agent with synthetic multifunctional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent : 4 water : 6 cement) as manufacturer's specification.  Rendering the surface wall, ceiling with white cement based putty of approved make and brand.  Rendering the surface wall, ceiling with white cement based putty of approved make and brand.  Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and dip course where necessary / ( with 1:6 cement mortar) / 20 mm thick  Fabrication and installation fully glazed aluminium window made of extruded and anadised alloy aluminium sections, fabrication including cutting to proper shape and size, drilling and aligning, fitted with inbuild locking arrangement cutting the glass) board (prelaminated / particle block) to requisite shape and size moulding the edges litted and fixed glazing clips and dry set neoprine / EPDM gasket, along with all other necessary arrangements for the fixing the partition to walls, floors, beams, columns polysulphide sealant for water proofing if necessary complete in all respect as per drawing and specification of EIC. The rates includes the hire charges of all tools and plants, adhesive, joineries such as screw, fastner, extruded aluminium section, EPDM gasket, glass board glazing clips, locking arrangement etc: two track sliding window.  Supplying and laying true to line and level virified of approved brand (size 600mm x 600mm x 10 mm thick ly or mm thick cement slurry using cement @ 2.91 kg/MZ or using synthetic adhesive ( 3 to 4 mm thick layer) including necessary 25 mm thick backing cement concrete (1:2-4) with 6mm size pakur variety stone chips, laid after application slurry using 1.75 kg of cement per M2, joints grouted with admixture of white cement and colouring ingiment to match colour of the sorting of	1	including removing rubbish and staking any where	Sgm.	19	7.5	142.5
Rendering the surface wall, ceiling with white cement based putty of approved make and brand.  Plater (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering comers as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary / ( with 1:6 cement mortar) / 20 mm thick cement mortar) / 20 mm thick series of the cement mortary / 20 mm thick series of the cement mortary / 20 mm thick series of the cement mortary / 20 mm thick series of the cement mortary / 20 mm thick series of the cement mortary / 20 mm thick series of the cement mortary / 20 mm thick series of the cement mortary / 20 mm thick series of the cement of	2	multifunctional rubber emulsion having adhesive and water proofing properties by mixing with water in proportion (1 bonding agent: 4 water: 6 cement) as		00	7.5	660
4 Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary/ ( with 1:6 cement mortar)/ 20 mm thick  5 Fabrication and installation fully glazed aluminium window made of extruded and anodised alloy aluminium sections, fabrication including cutting to proper shape and size, drilling and aligning, fitted with inbuild locking arrangement cutting the glass/ board( prelaminated / particle block) to requisite shape and size moulding the edges fitted and fixed glazing clips and dry set neoprine / EPDM gasket, along with all other necessary arrangements for the fixing the partition to walls, floors, beams, columns polysulphide sealant for water proofing if necessary complete in all respect as per drawing and specification of EIC. The rates includes the hire charges of all tools and plants, adhesive, joineries such as screw, fastner, extruded aluminium section, EPDM gasket, glass board glazing clips, locking arrangement etc. two track sliding window.  6 Supplying and laying true to line and level vitrified of approved brand (size 600mm x 600mmx 10 mm thick) in floor, skirting etc. sit in 20 mm sand cement mortar (1: 4) and 2 mm thick cement slurry using cement @ 2.91 kg/M2 or using synthetic adhesive (3 to 4 mm thick layer) including necessary 25 mm thick backing cement concrete (1:2:4) with 6mm size pakur variety stone chips, laid after application slurry using 1,75 kg of cement per M2, joints grouted with admixture of white cement and colouring pigment to match colour of tiles / synthetic cementatious grouting materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges completetrue to the manufacturer's specification and direction of Engineer-in-	3	Rendering the surface wall, ceiling with white				
Fabrication and installation fully glazed aluminium window made of extruded and anoidsed alloy aluminium sections, fabrication including cutting to proper shape and size, drilling and aligning, fitted with inbuild locking arrangement cutting the glass/ board( prelaminated / particle block) to requisite shape and size moulding the edges fitted and fixed glazing clips and dry set neoprine / EPDM gasket, along with all other necessary arrangements for the fixing the partition to walls, floors, beams, columns polysulphide sealant for water proofing if necessary complete in all respect as per drawing and specification of EIC. The rates includes the hire charges of all tools and plants, adhesive, joineries such as screw, fastner, extruded aluminium section, EPDM gasket, glass board glazing clips, locking arrangement etc. two track sliding window.  6 Supplying and laying true to line and level vitrified of approved brand (size 600mm x 600mm x 100mm thick) in floor, skirting etc. sit in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry using cement @ 1.29 kg/M2 or using synthetic adhesive (3 to 4 mm thick layer) including necessary 25 mm thick backing cement concrete (1:2:4) with 6mm size pakur variety stone chips, laid after application slurry using 1.75 kg of cement per M2, joints grouted with admixture of white cement and colouring pigment to match colour of tiles / synthetic cementatious grouting materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges completetrue to the manufacturer's specification and direction of Engineer-in-charge. / with polymer adhesive (6 mm thick) and epoxy grouting materials for filling joints. applying directly over mosaic or artificial stone floor. / light colour Sqm 1366 12.5 17075	4	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints or roughening of concrete surface, including throating, nosing and drip course where necessary./ (with 1:6				
approved brand ( size 600mm x 600mmx 10 mm thick ) in floor, skirting etc. sit in 20 mm sand cement mortar ( 1: 4) and 2 mm thick cement slurry using cement @ 2.91 kg/M2 or using synthetic adhesive ( 3 to 4 mm thick layer ) including necessary 25 mm thick backing cement concrete (1:2:4) with 6mm size pakur variety stone chips, laid after application slurry using 1.75 kg of cement per M2, joints grouted with admixture of white cement and colouring pigment to match colour of tiles / synthetic cementatious grouting materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges completetrue to the manufacturer's specification and direction of Engineer-in-charge. / with polymer adhesive ( 6 mm thick ) and epoxy grouting materials for filling joints. applying directly over mosaic or artificial stone floor./ light colour Sqm 1366 12.5 17075	5	Fabrication and installation fully glazed aluminium window made of extruded and anodised alloy aluminium sections, fabrication including cutting to proper shape and size, drilling and aligning, fitted with inbuild locking arrangement cutting the glass/board( prelaminated / particle block) to requisite shape and size moulding the edges fitted and fixed glazing clips and dry set neoprine / EPDM gasket, along with all other necessary arrangements for the fixing the partition to walls, floors, beams, columns polysulphide sealant for water proofing if necessary complete in all respect as per drawing and specification of EIC. The rates includes the hire charges of all tools and plants, adhesive, joineries such as screw, fastner, extruded aluminium section, EPDM gasket, glass board glazing clips, locking arrangement etc. two track sliding window.				
7 labour for chipping of concrete surface before taking	6	Supplying and laying true to line and level vitrified of approved brand (size 600mm x 600mmx 10 mm thick) in floor, skirting etc. sit in 20 mm sand cement mortar (1: 4) and 2 mm thick cement slurry using cement @ 2.91 kg/M2 or using synthetic adhesive (3 to 4 mm thick layer) including necessary 25 mm thick backing cement concrete (1:2:4) with 6mm size pakur variety stone chips, laid after application slurry using 1.75 kg of cement per M2, joints grouted with admixture of white cement and colouring pigment to match colour of tiles / synthetic cementatious grouting materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges completetrue to the manufacturer's specification and direction of Engineer-in-charge. / with polymer adhesive (6 mm thick) and epoxy grouting materials for filling joints. applying directly over				
up nooring works   sqm   21   12.5   262.5	7			1366	12.5	262.5

Removing old scales, histers etc. of interior surface of wills, celling by scraping etc. and preparing smooth and even surface with rendering or cement mortar (2:1) (as necessary), to make the surface suitable for receiving distemper.	8	Supplying, fitting and fixing 1st quality ceramic tiles of any size in walls & floors including borders to match with the existing work, set in sand cement mortar (4:1) including backing concrete (1:2:4) & 4 nos. of key st./area of each tiles above 0.09 sqm./ other than coloured decorative including white./ with cement sand mortar (1:3) 15 mm thick & 2 mm thick Cement slurry at back side of tiles using cement @2.91 kg/sqm and joint filling using white cement			10.5	
Suitable for receiving distemper.   Sqm   17	9	of walls,ceiling by scraping etc. and preparing smooth and even surface with rendering or cement	Sqm	1040	19.5	20280
Applying interior grade acrylic primer of approved policy and brand on plastered or concrete surface old or new surface to receive distemper / acrylic emulsion pain including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of EIC/ two coats/ water based interior grade Acrylic primer.  11			Sqm		135	1372.95
Acrylic Distemper to interior wall, ceiling with a coat of interior grade acrylic primer including cleaning and smoothening of surface.   Sqm 70	10	quality and brand on plastered or concrete surface old or new surface to receive distemper / acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of EIC./ two coats/				
smoothening of surface.  Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.  Rainting with best quality synthetic paint of approved make and brand including smoothening surfaces by sand papering etc.  Rainting with best quality synthetic paint of approved make and brand including smoothing the surface by sand papering etc. including using of approved putty on the surface if necessary. With super gloss / two coats  Rayplying, fitting and fixing of vertical blinds as per approved by ElC.  French polishing to wood including preparing the surface. (for new surface)  Sq.M. 563 6.5 3659.5  French polishing to wood including preparing the surface. (for new surface)  Sq.M. 563 6.5 3659.5  French polishing to wood including preparing the surface. (for new surface)  Sq.M. 563 6.5 3659.5  French polishing to wood including preparing the surface. (for new surface)  Sq.M. 563 6.5 3659.5  French polishing to wood including preparing the surface. (for new surface)  Sq.M. 563 6.5 3659.5  French polishing to wood including preparing the surface. (for new surface)  Sq.M. 563 6.5 3659.5  French polishing to wood including preparing the surface. (for new surface)  Sq.M. 563 6.5 3659.5  Sq.M. 563	11	Acrylic Distemper to interior wall, ceiling with a coat of	Sqm	45.1	135	6088.5
Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.   Sqm   29   9.5   275.5	11		Sam	70	135	9450
smoothening surfaces by sand papering etc.  Painting with best quality synthetic paint of approved make and brand including smoothing the surface by sand papering etc. including using of approved putty on the surface if necessary. With super gloss / two coats  Sq.M. 81 9.5 769.5  Asypplying, fitting and fixing of vertical blinds as per approved by EIC.  French polishing to wood including preparing the surface, (for new surface)  Supplying, fitting and fixing PVC pipes of approved make of schedule 80 conforming to ASTMD -1785 and thread to match with GI pipes as per IS : 1239 (part - 1) with all necessary accessories. Complete in all respect includingcost of all necessary fittings.  a. 25 mm dia.  b. 15 mm dia.  metre 177 5 885  b. 15 mm dia.  metre 101 4.5 454.5  Supplying, fitting and fixing white vitreous china sink in position on CI brackets including two coats of painting of brackets. / size efformax 450mmx 250mm each 5445 1 5445  SupPlying, fitting and fixing of white vitreous chinawire best quality paproved make wash basin with C.I. brackets on 75 mm x 75 mm x 75 mm m wooden blocks, C.P waste fittings of 32 mm dia., one approved quality PVC waste pipe with C.P nut of 32 mm dia., Q.P chain with rubber plug of 32 mm dia., Approved quality PVC waste pipe with C.P nut of 32 mm dia., O.P chain with rubber plug of 32 mm dia., O.P chain with rubber plug of 32 mm dia.  Supplying, fitting and fixing of Peet's valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia.  Bupplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  Bupply of high density Poly-ethylene Pipe conforming to IS-4984-1985. / 50 mm dia.  Mtr. 110 5.5 605	12	Priming one coat on steel or other metal surface with	Sqiii	70	155	5430
Painting with best quality synthetic paint of approved make and brand including smoothing the surface by sand papering etc. including using of approved putty on the surface if necessary./ with super gloss / two coats  14 Supplying, fitting and fixing of vertical blinds as per approved by EIC. sqm 900 5.6 5040  15 French polishing to wood including preparing the surface.(for new surface)  8 Supplying, fitting and fixing PVC pipes of approved and thread to match with GI pipes as per IS: 1239 (part - 1) with all necessary accessories. Complete in all respect includingcost of all necessary fittings.  a. 25 mm dia. metre 177 5 885 b. 15 mm dia. metre 101 4.5 454.5  17 Supplying, fitting and fixing white vitreous china sink in position on CI brackets including two coats of painting of brackets./ size of 61mmx 450mmx 250mm each 5445 1 5445  18 SupPlying, fitting and fixing of white vitreous chinawire best quality approved make wash basin with C.I. brackets or 75 mm x 75 mm x 75 mm wooden blocks, C.P waste fittings of 32 mm dia., one approved quality PVC waste pipe with C.P nut of 32 mm dia., Approved quality PVC waste pipe with C.P nut of 32 mm dia., Approved quality PVC waste pipe with C.P nut of 32 mm dia., Somm mize. each 3260 1 3260  19 Supplying, fitting and fixing of Perts valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia. each 912 1 912  20 Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand. each 861 3 2583  21 Supply of high density Poly-ethylene Pipe conforming to IS-4984-1985./50 mm dia. Mtr. 110 5.5 605			Sqm	29	9.5	275.5
Supplying, fitting and fixing of vertical blinds as per approved by EIC.   Supplying, fitting and fixing PVC pipes of approved make of schedule 80 conforming to ASTMD -1785 and thread to match with GI pipes as per IIS : 1239 (part - I) with all necessary accessories. Complete in all respect includingcost of all necessary fittings.   O	13	make and brand including smoothing the surface by sand papering etc. including using of approved putty on the surface if necessary./ with super gloss / two			0.5	700 5
French polishing to wood including preparing the surface. (for new surface)  Supplying, fitting and fixing PVC pipes of approved make of schedule 80 conforming to ASTMD -1785 and thread to match with GI pipes as per IS: 1239 (part -1) with all necessary accessories. Complete in all respect includingcost of all necessary fittings.  a. 25 mm dia.  b. 15 mm dia.  Supplying, fitting and fixing white vitreous china sink in position on CI brackets including two coats of painting of brackets/ size 610mmx 450mmx 250mm  SupPlying, fitting and fixing of white vitreous chinawire best quality approved make wash basin with CI. brackets on 75 mm x 75 mm x 75 mm wooden blocks, C.P waste fittings of 32 mm dia., one approved quality brass cp pillar cock of 15 mm dia., C.P chain with rubber plug of 32 mm dia., Approved quality PVC waste pipe with C.P nut including mending good all damages and painting. 650mmx 450 mm size.  Supplying, fitting & fixing of Peet's valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia.  Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  Supply of high density Poly-ethylene Pipe conforming to IS-4984-1985./50 mm dia.  Mitr. 110 5.5 605	14		Sq.M	81	9.5	/69.5
surface (for new surface)  Supplying, fitting and fixing PVC pipes of approved make of schedule 80 conforming to ASTMD -1785 and thread to match with GI pipes as per IS: 1239 (part -1) with all necessary accessories. Complete in all respect includingcost of all necessary fittings.  a. 25 mm dia.  b. 15 mm dia.  Metre 101 4.5 454.5  Supplying, fitting and fixing white vitreous china sink in position on CI brackets including two coats of painting of brackets. / size 610mmx 450mmx 250mm each 5445 1 5445  SupPlying, fitting and fixing of white vitreous chinawire best quality approved make wash basin with C.I. brackets on 75 mm x 75 mm x 75 mm wooden blocks, C.P waste fittings of 32 mm dia., one approved quality PVC waste pipe with C.P nut of 32 mm dia., 900 mm long approved quality PVC connection pipe with heavy duty brass C.P nut including mending good all damages and painting. 650mmx 450 mm size.  Supplying, fitting & fixing of Peet's valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings. / 25 mm dia.  Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  Mtr. 110 5.5 605	4.5		sqm	900	5.6	5040
make of schedule 80 conforming to ASTMD -1785 and thread to match with GI pipes as per IS: 1239 (part - I) with all necessary accessories. Complete in all respect includingcost of all necessary fittings.  a. 25 mm dia.  b. 15 mm dia.  Metre 177 5 885  b. 15 mm dia.  Supplying, fitting and fixing white vitreous china sink in position on CI brackets including two coats of painting of brackets./ size 610mmx 450mmx 250mm each 5445 1 5445  18 SupPlying, fitting and fixing of white vitreous chinawire best quality approved make wash basin with C.I. brackets on 75 mm x 75 mm wooden blocks, C.P waste fittings of 32 mm dia., one approved quality brass cp pillar cock of 15 mm dia., C.P chain with rubber plug of 32 mm dia., Approved quality PVC waste pipe with C.P nut of 32 mm dia., 900 mm long approved quality PVC connection pipe with heavy duty brass C.P nut including mending good all damages and painting. 650mmx 450 mm size.  applying, fitting & fixing of Peet's valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia.  Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  Bupply of high density Poly-ethylene Pipe conforming to IS-4984-1985. / 50 mm dia.  Mtr. 110 5.5 605	15	surface.(for new surface)	Sq.M	563	6.5	3659.5
a. 25 mm dia.  b. 15 mm dia.  metre  101  4.5  885  b. 15 mm dia.  metre  101  4.5  454.5  17  Supplying, fitting and fixing white vitreous china sink in position on Cl brackets including two coats of painting of brackets./ size 610mmx 450mmx 250mm  SupPlying, fitting and fixing of white vitreous chinawire best quality approved make wash basin with C.l. brackets on 75 mm x 75 mm x 75 mm wooden blocks, C.P waste fittings of 32 mm dia., one approved quality PVC waste pipe with C.P nut of 32 mm dia., 900 mm long approved quality PVC connection pipe with heavy duty brass C.P nut including mending good all damages and painting. 650mmx 450 mm size.  19  Supplying, fitting & fixing of Peet's valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia.  20  Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  21  Supply of high density Poly-ethylene Pipe conforming to IS-4984-1985. / 50 mm dia.  Mit. 110  5 885  885  885  885  885  885  885	16	make of schedule 80 conforming to ASTMD -1785 and thread to match with GI pipes as per IS : 1239 (part - I ) with all necessary accessories Complete			0	
b. 15 mm dia.  Supplying, fitting and fixing white vitreous china sink in position on CI brackets including two coats of painting of brackets./ size 610mmx 450mmx 250mm  SupPlying, fitting and fixing of white vitreous chinawire best quality approved make wash basin with C.I. brackets on 75 mm x 75 mm wooden blocks, C.P waste fittings of 32 mm dia., one approved quality brass cp pillar cock of 15 mm dia., C.P chain with rubber plug of 32 mm dia., Approved quality PVC waste pipe with C.P nut of 32 mm dia., 900 mm long approved quality PVC connection pipe with heavy duty brass C.P nut including mending good all damages and painting. 650mmx 450 mm size.  Supplying, fitting & fixing of Peet's valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia.  Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  Supply of high density Poly-ethylene Pipe conforming to IS-4984-1985. / 50 mm dia.  Mtr. 110 5.5 605			motro	177		
Supplying, fitting and fixing white vitreous china sink in position on CI brackets including two coats of painting of brackets./ size 610mmx 450mmx 250mm  SupPlying, fitting and fixing of white vitreous chinawire best quality approved make wash basin with C.I. brackets on 75 mm x 75 mm wooden blocks, C.P waste fittings of 32 mm dia., one approved quality brass cp pillar cock of 15 mm dia., C.P chain with rubber plug of 32 mm dia., Approved quality PVC waste pipe with C.P nut of 32 mm dia., 900 mm long approved quality PVC connection pipe with heavy duty brass C.P nut including mending good all damages and painting. 650mmx 450 mm size.  19 Supplying, fitting & fixing of Peet's valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia.  20 Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  21 Supply of high density Poly-ethylene Pipe conforming to IS-4984-1985. / 50 mm dia.  Mtr. 110 5.5 605		b. 15 mm dia.				
chinawire best quality approved make wash basin with C.I. brackets on 75 mm x 75 mm x 75 mm wooden blocks, C.P waste fittings of 32 mm dia., one approved quality brass cp pillar cock of 15 mm dia., C.P chain with rubber plug of 32 mm dia., Approved quality PVC waste pipe with C.P nut of 32 mm dia., 900 mm long approved quality PVC connection pipe with heavy duty brass C.P nut including mending good all damages and painting. 650mmx 450 mm size.  19 Supplying, fitting & fixing of Peet's valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia.  20 Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  21 Supply of high density Poly-ethylene Pipe conforming to IS-4984-1985. / 50 mm dia.  Mtr. 110 5.5 605		in position on CI brackets including two coats of painting of brackets./ size 610mmx 450mmx 250mm				
Supplying, fitting & fixing of Peet's valve fully gun metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia.  Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  Supply of high density Poly-ethylene Pipe conforming to IS-4984-1985. / 50 mm dia.  Mtr. 110 5.5 605	18	chinawire best quality approved make wash basin with C.I. brackets on 75 mm x 75 mm x 75 mm wooden blocks, C.P waste fittings of 32 mm dia., one approved quality brass cp pillar cock of 15 mm dia., C.P chain with rubber plug of 32 mm dia., Approved quality PVC waste pipe with C.P nut of 32 mm dia., 900 mm long approved quality PVC connection pipe with heavy duty brass C.P nut including mending good all damages and painting.				
metal standard pattern best quality of approved brand bearing ISI mark with fittings./ 25 mm dia.  20 Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  21 Supply of high density Poly-ethylene Pipe conforming to IS-4984-1985. / 50 mm dia.  Mtr. 110 5.5 605	19		each	3260	1	3260
20 Supplying, fitting and fixing of C.P bib cock/ stop cock of approved make and brand.  21 Supply of high density Poly-ethylene Pipe conforming to IS-4984-1985. / 50 mm dia.  Mtr. 110 5.5 605	19	metal standard pattern best quality of approved	مادده	040	1	012
Supply of high density Poly-ethylene Pipe conforming to IS-4984-1985. / 50 mm dia.  Mtr. 110 5.5 605	20	Supplying, fitting and fixing of C.P bib cock/ stop				
	21					
		Comorning to 10-4304-1300. / 30 min dia.	Mitr.	110	Total cost	91971.95

Total cost 91971.95
Excluding cost of GST as applicable

Name Of the Agency : -			
Address of the Agency:			
Amount quoted by the Agency	·%	( percentage above/ at par / belov	w )