

ENGINEERING DEPARTMENT
UNIVERSITY OF DELHI
DELHI-110007
NOTICE INVITING QUOTATIONS

18/9/14

Ref. No. UE/ 157 /DU/M-54 (2014-2015) dated

Sealed item rate quotations are hereby invited from the contractors enlisted with CPWD, MES, Railways and any Govt./ public sector undertaking and working contractor of Delhi University for the work "Repair / renovation of toilet near room no. 9-16 & 25-32 etc, ISH, University of Delhi" So as to reach the office of the undersigned upto 3.00 P.M.

| S. No | Description of Items | Unit | Qty | Rate | Amount |
|-------|--|------|-----|------|--------|
| 1 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level | | | | |
| a | 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) | cum | 1 | | |
| b | 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) | cum | 1 | | |
| 2 | Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand) | cum | 1 | | |
| 3 | Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : cement mortar 1:4 (1 cement : 4 coarse sand) | sqm | 3 | | |
| 4 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Sal wood | cum | 0.5 | | |
| 5 | Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture . M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's | sqm | 3 | | |
| 6 | Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 250x16 mm | each | 3 | | |
| 7 | Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete 200x10 mm | each | 6 | | |
| 8 | Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm | each | 6 | | |
| 9 | Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete. | sqm | 2 | | |
| 10 | Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm all complete. With 2nd class teak wood beading 62x19 mm | sqm | 2 | | |
| 11 | Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size). | each | 18 | | |
| 12 | Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete : 2nd class teak wood 50 x 20 mm | mtr | 30 | | |
| 13 | 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. | sqm | 28 | | |
| 14 | Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. | | | | |
| a | 75 mm diameter | mtr | 20 | | |
| b | 110 mm diameter | mtr | 30 | | |
| 15 | Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion. | | | | |
| a | Single tee with door Single tee with door | each | 6 | | |
| b | 110x110x110 mm | each | 8 | | |
| c | Bend 87.5° 75 mm bend | each | 6 | | |
| d | 110 mm bend | each | 8 | | |


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| 16 | Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing with cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. | | |
| a | 75 mm | each | 12 |
| b | 110 mm | each | 18 |
| 17 | Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work | | |
| a | 15 mm diameter pipe | mtr | 45 |
| b | 20 mm diameter pipe | mtr | 26 |
| c | 25 mm diameter pipe | mtr | 9 |
| 18 | Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) | | |
| a | 15 mm nominal bore | each | 8 |
| b | 20 mm nominal bore | each | 6 |
| c | 25 mm nominal bore | each | 4 |
| 19 | Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. | ltr | 1000 |
| 20 | Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore | each | 4 |
| 21 | Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore | each | 2 |
| 22 | Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 a) 15 mm nominal bore | each | 6 |
| 23 | Providing and fixing PTMT swivelling shower, 15 mm nominal bore, weighing not less than 40 gms | each | 2 |
| 24 | Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour. 25mm nominal bore, weighing not less than 62 gms | each | 4 |
| 25 | Cutting holes up to 30x30 cm in walls including making good the same: With common burnt clay F.P.S. (non modular) bricks | each | 4 |
| 26 | Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc. | mtr | 15 |
| 27 | 12 mm cement plaster finished with a floating coat of neat cement of mix 1:3 (1 cement: 3 fine sand) | sqm | 15 |
| 28 | 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) | sqm | 20 |
| 29 | Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete. | sqm | 30 |
| 30 | Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade : old work (two or more coats) over and including water thinnable priming coat with cement primer | sqm | 30 |
| 31 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on old work | sqm | 20 |
| 32 | Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq. meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 metres lead : With cement mortar 1:4 (1 cement : 4 fine sand) | sqm | 10 |
| 33 | Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. | sqm | 30 |
| 34 | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) | cum | 2 |
| 35 | Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Of area 3 sq. metres and below | each | 3 |
| 36 | Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. | sqm | 60 |
| 37 | Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre 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 | each | 2 |
| 38 | 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 : White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps | each | 2 |
| 39 | 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 | each | 2 |
| 40 | Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. | each | 3 |

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| 41 | Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms. | each | 2 |
| 42 | Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms. | each | 2 |
| 43 | Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms. | each | 2 |
| 44 | Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : 100 mm inlet and 100 mm outlet Sand cast iron S&S as per IS: 3989 | each | 4 |
| 45 | Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. Internal work - Exposed on wall | | |
| a | 15 mm dia nominal bore, | mtr | 40 |
| b | 20 mm dia nominal bore | mtr | 30 |
| c | 25 mm dia nominal bore | mtr | 10 |
| 46 | Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 25 to 40 mm nominal bore | each | 4 |
| 47 | Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore | each | 6 |
| 48 | Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete 20 mm nominal bore | each | 1 |
| 49 | Providing and fixing uplasticised PVC connection pipe with brass unions : 30 cm length 15 mm nominal bore | each | 2 |
| 50 | Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 | each | 1 |
| 51 | Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as 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 pigment etc., complete. | sqm | 12 |
| 52 | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved. | cum | 4 |
| 53 | P/F CP brass jet spray ISI marked for EWC pan with nut bolts etc complete. | each | 1 |
| 54 | P/I CP brass extension nipple for bib cock/ angle valve | each | 12 |
| 55 | P/F CP grating (jall) for nahitraps heavy duty | each | 6 |
| 56 | P/I for CP brass caps of approved quality | each | 12 |


Total Rs.

- Condition:
- The work should be completed in 30 days.
 - 1.50 % water charges will be deducted.
 - Rates should be quoted both in words & figures.
 - Undersigned reserves the authority to reject any or all the quotation without assigning any reason therefore

Undertaking:
I/we hereby undertake that my/our agency have not been black listed/debarred in any Govt. organization since last 3 years.


Executive Engineer

- Contractor
- The Director, Computer Center with a request to display the Notice Inviting Quotation on the Delhi University Website.
 - Sh. Jacob John, J. E. (C)
 - Ms. Kavita, J.A.C.T. to ensure the display of the tender notice on University website
 - Notice Board.


Executive Engineer