

Date of uploaded Tender - 18.03.2023, Last date of Tender submission - 28.03.2023 and Prebid meeting Date 27.03.2023

(C) Name of work :- Renovation of Toilets at Ground Floor to 3rd Floor of Headquarter Office of Central Sanskrit University, Delhi, 56-57, Institutional Area, Janakpuri, New Delhi-110058

Schedule of quantities

Sl. No.	Description of items	Qty.	Unit	Rate		Amount
				In Fig.	In words	
1.	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.	1150 m ²	Square	2.85	Rs. Two and paise eighty five only	3,278/-
2.	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c Malba all complete as per directions of Engineer-in- Charge.	30 nos	Each	110.70	Rs. One hundred ten and paise seventy only	3,321/-
3.	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)	9.50 cum	Cum	2007.10	Rs. Two thousand seven and paise ten only	19,067/-
4.	Dismantling asbestos cement pressure pipes including excavation and refilling trenches after taking out the pipes manually/ by mechanical means and stacking the pipes within 50 metres lead as per direction of Engineer-in-charge : Above 150 mm diameter	100 m	Meter	332.25	Rs. Three hundred thirty two and paise twenty five only	33,225/-
5.	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	21 nos	Each	302.70	Rs. Three hundred two and paise seventy only	6,357/-
6.	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 : 2.10.1 All kinds of soil Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia	100 m	Metre	417.35	Rs. Four hundred seventeen and paise thirty five only	41,735/-
7.	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge: All kinds of soil	9 cum	Sqm	107.00	Rs. One hundred seven only	963/-
8.	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to	21.70	Sqm	7821.15	Rs. Seven thousand eight hundred twenty one and paise fifteen only	1,69,719/-

	<p>finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately). Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made.</p> <p>Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.</p> <p>Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension . (Area of window above 1.75 sqm upto 2.50 sqm).</p>					
9.	<p>Providing and Fixing factory made uPVC door frame, made of uPVC extruded sections, of size 65 mm x 55 mm with wall thickness 2.0 mm (± 0.2 mm), corners of the door frame to be mitred cut and jointed with plastic brackets and stainless steel screws, reinforcing hinge side vertical of the frames with PVC profile of Size 28 mm x 30 mm having wall thickness 2 mm (±0.2 mm), including providing & fixing 3 nos of 125 mm long stainless steel hinges to the frame, fixing the frame with jamb with required number & size of anchor dash fastners, all complete as per manufacturer's specification and direction of Engineer-in-charge.</p>	95 m	Metre	545.60	Rs. Five hundred forty five and paise sixty only	51,832/-
10.	<p>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</p>	20	Each	234.90	Rs. Two hundred thirty four and paise ninety only	4,698/-
11.	<p>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</p>	40	Each	60.05	Rs. Sixty and paise five only	2,402/-
12.	<p>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 : 250x10 mm</p>	20	Each	104.40	Rs. One hundred four and paise forty only	2,088/-
13.	<p>Providing and fixing Ist 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.</p>	912 m ²	Sqm	1063.45	Rs. One thousand sixty three and paise forty five only	9,69,866/-

14.	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 600x600 mm	446 m ²	Sqm	1537.40	Rs. One thousand five hundred thirty seven and paise forty only	6,85,680/-
15.	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.	540 m ²	Sqm	123.85	Rs. One hundred twenty three and paise eighty five only	66,879/-
16.	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	42 nos	Each	500.35	Rs. Five hundred and paise thirty five only	21,015/-
17.	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	18 nos	Each	708.40	Rs. Seven hundred eight and paise forty only	12,751/-
18.	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore	16 nos	Each	715.05	Rs. Seven hundred fifteen and paise five only	11,441/-
19.	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	10 nos	Each	5540.55	Rs. Five thousand five hundred forty and poise fifty five only	55,406/-
20.	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, 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 nos	Each	5781.35	Rs. Five thousand seven hundred eighty one and paise thirty five only	40,469/-
21.	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 630x450 mm with a pair of 15 mm C.P. brass pillar taps	7 nos	Each	3392.85	Rs. Three thousand three hundred ninety two and paise eighty five only	23,750/-
22.	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern	3 nos	Each	8115.55	Rs. Eight thousand one hundred fifteen and paise fifty five only	24,347/-

23.	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	8 nos	Each	942.15	Rs. Nine hundred forty two and paise fifteen	7,537/-
24.	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	9 nos	Each	204.70	Rs. Two hundred four and paise seventy only	1,842/-
25.	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape 453x357 mm	9 nos	Each	1158.95	Rs. One thousand one hundred fifty eight and paise ninety five only	10,430/-
26.	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.	9 nos	Each	146.30	Rs. One hundred forty six and paise thirty only	1,316/-
27.	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	9 nos	Each	573.60	Rs. Five hundred seventy three and paise sixty only	5,162/-
28.	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : 19.6.3 250 mm dia. R.C.C. pipe	130 m	Metre	811.15	Rs. Eight hundred eleven and paise fifteen only	1,05,450/-
29.	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	9 nos	Each	11687.10	Rs. Eleven thousand six hundred eighty seven and paise ten only	1,05,184/-
30.	Size 90x80 cm With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2 m	Metre	8127.45	Rs. Eight thousand one hundred twenty seven and paise forty five only	16,255/-
31.	Providing and fixing soil, waste and vent pipes : 100 mm dia	15 m	Metre	1077.40	Rs. One thousand seventy seven and paise forty only	16,161/-
32.	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter : 100 mm	13 nos	Each	549.65	Rs. Five hundred forty nine and paise sixty five only	7,145/-
33.	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 dia Pipes	50 m	Metre	441.15	Rs. Four hundred forty one and paise fifteen only	22,058/-

34.	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	4 nos	Each	1604.10	Rs. One thousand six hundred four and paise ten only	6,416/-
35.	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	90 m ²	Sqm	108.65	Rs. One hundred eight and paise sixty five only	9,779/-
36.	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 60mm thick cement concrete paver block of M-35 grade with approved colour, design & pattern.	90 m ²	Sqm	932.35	Rs. Nine hundred thirty two and paise thirty five only	83,912/-
37.	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats	540 m ²	Sqm	121.55	Rs. One hundred twenty one and paise fifty five only	65,637/-
38.	Disposal of Malba by mechanical transport from 56-57, Institutional Area, Janakpuri to nearest MCD dumping ground (a) Building rubbish lead beyond 5 K.M.	50	Cum	232.64	Rs. Two hundred thirty two and paise sixty four only	11,632/-
Twenty seven lakh twenty six thousand two hundred and five only						27,26,205/-

Terms & Conditions :-

- 1) The work shall be carried out as per CPWD specification and the direction of Competent Authority of Central Sanskrit University, Delhi.
- 2) Time allowed for the work is 90 days.
- 3) The work is to be execute from Ground Floor to 3rd Floor, at all height and level, nothing extra on account of scaffolding etc to be paid separately. The Agency shall quotes their rates considering all these aspects.
- 4) The Agency should inspect the site before quoting their rates.
- 5) The work shall be carried out with the convenience of the Central Sanskrit University, Delhi.
- 6) Any damaged to building, is to be restore by the agency, nothing extra to be paid in this account.
- 7) All deductions are applicable according to Govt. rules.
- 8) Earnest money of Rs. 90,000/- shall be deposited with tender in shape of D.D. The D.D. should be in the Name of Registrar, Central Sanskrit University, Delhi.
- 9) The payment will be made for the work executed at site and actual measurement at site. The quantities taken in schedule of quantity could be deviated on plus or minus side.
- 10) All bidders are informed to present on Prebid interaction date without fail. Absent bidders will be rejected in technical evaluation.

Pre-Bid Meeting Condition:

The Bid committee is inviting all prospective and eligible bidders to attend the pre-bid meeting for renovation works. The Pre-Bid meeting is scheduled on 27 March 2023 at 12:00 PM at Central Sanskrit University, New Delhi. The aim of Pre-Bid meeting is to answer any queries and clarifications that prospective bidder may have on the bidding documents as well as discussion will be held on clarification on work area. As the renovation work has different variety, so it is mandatory to the bidders to know the condition of area. After discussion in meeting and physical visit at workplace, it is mandatory to bidder to give an undertaking, if they agree to work under the conditions of university.

Points to be discussed in meeting are as follows:-

1. Quality of material.
2. Quality of work and site visit.
3. Other mandatory information to be shared for completion of renovation work.

Pre-bid meeting is mandatory to all interested bidders and are then will consider for technical bid after undertaking.