

Schedule of Rates(Price Bid)

(Write Rate in both words & figure. Write Amount only in figure)					
SR. NO.	DESCRIPTION	UNIT	QTY	RATE (Rs.)	Amount (Rs.)
A	DISMANTLING / DEMOLITION & REPAIR WORKS:				
1)	Demolishing old RCC/LSM/BB Masonary/CC Block Masonary/Toilet coba structure including disposal with 50 m lead	cum	5		
	RATE in words:				
2)	Earth work in excavation in foundation, pipeline , trenches drain not exceeding 1.5m in width or 10sqm on plan including dressing of sides, ramming of bottoms lifts upto 1.5m including setting out excavated soil and disposal of surplus soil within 50m lead with				
a)	Ordinary soil	cum	5		
	RATE in words:				
b)	Hard rock (blasting prohibited)	cum	5		
	RATE in words:				
3)	Dismantling/chiseling carefully existing external damaged plaster & concrete in building walls/ceiling parapets etc at all heights (15m) including all scaffolding/staging/platforms & stacking debris as directed (50m lead) & carting them away to contractors dump yard outside the campus	Sqm	50		
	RATE in words:				
4)	Dismantling/HILTI chiselling carefully existing damaged coba waterproofing upto 150mm thick & concrete in building roofs/terrace/chajjas/etc at all heights (15m)/slopes, including all scaffolding/staging/platforms & stacking debries as directed (50m lead) & carting them away to contractors dump yard outside the campus	cum	50		
	RATE in words:				
5)	Dismantling /HILTI chiselling carefully existing damaged coba waterproofing including floor tiles in any thickness & concrete/brick, laterite masonry in building toilets etc at all heights (15m)/slopes, including all scaffolding/staging/platforms & stacking debris as directed (50m lead) & carting them away to contractors dump yard outside the campus	cum	30		
	RATE in words:				
6)	Dismantling/HILTI chiselling carefully existing damaged floor tiles in floors/skirtings etc any thickness & concrete (IPS) in building rooms etc at all heights (15m)/slopes , including all scaffolding/staging /platforms & stacking debries as directed (50m lead) & carting them away to contractors dump yard outside the campus.	Sqm	50		
	RATE in words:				

7)	Removing / Dismantaling of loose plaster, wire brushing all steel reinforcement, application of anti rust coating (Rust Remover) & replastered with modified cement mortar with chemicals in repair works.Providing & Applying Sika Quick 1000 in addition with polymer Sika Letex Power in 1:3 ratio with water to repair deteriorated concrete. the procedure includes application of bond coat in ratio 1:2:1 (Sika latex power : cement : water) after waiting for 5 min on tacky surface quick sika mortar in addtion with polymer Sika latex power must be hand applied to a thickness of 25 to 30mm at one time. If concrete is to be repaired to a depth of 60 mm it must be given two layers once first one gets cured. Dr. FXIT / FOSROC / SIKA	Sqm	50		
RATE in words:					
B ROOFING / WATER PROOFING WORKS:					
1)	Providing and laying coba waterproofing treatment (1 cement:3 coarse sand :6 hard laterite stone ballast agg 50 mm. nominal) size excluding centering and shuttering in layers great than 30 cm (inclusive of waterproofing compound as Approved by the Engineer-In-charge).	cum	5		
RATE in words:					
2)	Adding water proofing compounds for works (1Kg)	Packets	10		
RATE in words:					
3)	Removing & Replacing of borken M'Loce Tiles in sloping roof at all heights including all T, P & M and scaffolding. Debries to be disposed as directed within the campus area.				
a)	Providing and fixing M/ Tiles as per size including ridge tiles. No separate payment for ridge shall be made.	sqm	50		
RATE in words:					
b)	With available departmental tiles in all type including ridges.	sqm	50		
RATE in words:					
4)	Providing and application of Sika Quick 1000 repair mortar to fill the minor cracks above flat / sloping roof also if loosened concrete observed will be removed till sound concrete is found and will be treated by Sika Quick 1000. The system will include opening of cracks by 1" X 1", loose concrete then cleaning with water, application of bond coat & application of repair mortar. Curing for 1 day. Supply and application of "SikaTOP Seal 109 hi" above Flat / Sloping roof. Two component, easily applied specially formulated fibre reinforced acrylic polymer modified cementitious, elastic coating. Primer. SikaTop® Seal-109 hi. Consumption Primer: 0.10 kg/m2. Base coat: SikaTop® Seal-109 hi. Consumption base coat: 1.2 kg/m2. Reinforcement: Sika® Fab-1. Top coat: SikaTop® Seal-109 hi. Consumption top coat: 1.30 kg/m2. System requirements: conforms to IS 2645, IS 101; elongation at break: 40 %; slant shear bond strength: approx. 4 N/mm2 as per FIP 5.15; water permeability passes as per IS 2645; weather resistance as per IS 101. The vertical surface of the adjoining walls are to be treated upto a height of 30cms.Plan area to be measured for payment.	Sqm	50		
RATE in words:					

5)	Providing & Laying of water proofing treatment over old R.C.C. roofs/terrace by cleaning the surfaces throughly with wire brushes,water jet & shall be kept wet for 12 hours minimum; Spreading cement slurry over the R.C.C. slab and laying of 15cms. Average laterite stone ballast coba with necessary gradient for easy flow of rain water and the coba will be covered with damp proof of jointless water proofing finish of mix 1:2 (1 cement: 2 course sand), neet cement slurry finished with wooden trowel with false marking of 30 cms square. The vertical surface of the adjoining walls are to be treated upto a height of 50cms including rounding of junction, groove cutting, pointing,cooving etc. NOTE: cement consumption 25 kg/sq.M.Job is all inclusive as above & no extra measurements shall be done for watta / coving / grooves etc. Plan area to be measured for payment. Approved Brand: Dr. Fxit /FOSROC/SIKA.	Sqm	50		
RATE in words:					
6)	Providing and applying of "SIKA 101h" Cement Based Crystalline Waterproofing System for toilets / balconies / water tanks. Concrete surface must be clean, sound, level and uncontaminated by oil or grease. Removal of cement laitance, formwork-traces and loosely adhering particles by mechanical means. Area of honeycomb concrete and other surface imperfections must be repaired with quick sika mortar by adding polymer Sika Latex Power in ratio 1:3 with water. Debonding render must be removed. Wet surface until saturated. Add 8 ltrs of clean water to 25 Kg of "Sika 101 h" stir with low speed mixer for 5 minutes until a lump free smooth brushable consistency is achieved. Application of 1st coat by a medium - hard bristle brush on the wet surface and leave to harden (2 - 6 Hours, depending on the temperature). apply second coat in the similar way once first coat gets cured. Consuption 1 Kg/m2/coat. Two coats recomended. Sika 101h must be prevented from drying out too rapidly . The freshly applied surface must be protected from rain and strong winds. Sika 101 h should be protected in pedestrian areas overlaying with 1:3 cement sand screed. Job is all inclusive as above. The vertical surface of the adjoining walls are to be treated upto a height of 90cms.Plan area to be measured for payment.Approved Brand: Dr. Fxit /FOSROC/SIKA.	Sqm	50		
RATE in words:					
C MASONRY WORKS:					
1)	Brick work using common burnt clay building bricks in cement mortar 1:5 (1 cement :5 sand) with best quality local bricks 40 kg/cm2	cum	2		
RATE in words:					
2)	P/I half brick masonry in cement mortar 1:4 (1 cement :4 sand) with best quality local bricks 40kg/cm2	sqm	25		
RATE in words:					
D PLAIN AND REINFORCED CONCRETE WORKS:					
1)	Providing & Laying cement concrete 1:1:5:3 (1 cement: 1.5 coarse sand: 3 graded granitic or basaltic stone aggregate 20mm downward nominal size) including cost of centering and shuttering & nominal steel @ 80kg/cum at all heights & levels including waterproofing compound in the proportion recommended by the manufactures per bag of 50 kg of cement used in mix & as Approved by the Engineer-In-Charge in:				
a)	String course; Copping ; Cill concrete;bed block concrete etc 150mm to 300mm high.	cum	2		

	RATE in words:				
b)	Slabs , Beams , Landings etc.	cum	2		
	RATE in words:				
2)	Providing & laying plain cement concrete flooring (1:2:4) 1 cement:2 coarse sand :4 aggregate 20mm down size) upto 120mm thick including ramming to proper line & level existing rubble soiling in PL; watering etc complete.	cum	2		
	RATE in words:				
E	DOORS AND WINDOWS:				
1)	Providing and fixing wood work in frames of doors and windows and other frames, including removing of old frames, including fixing of hold fast 6 nos for doors and 4 nos of windows compete with Termite treatment shall be done for all wooden & ply members.				
a)	Second class matti wood	cum	1		
	RATE in words:				
b)	With department old used frames only labour charges and fixing 75/90cm x2.10m	Nos	25		
	RATE in words:				
2) a)	Providing and fixing 35 mm thick teak wood panelled glazed shutters for doors and window including fitting 2nd class teakwood. Termite treatment shall be done for all wooden & ply members.	Sqm	5		
	RATE in words:				
b)	with department old shutter repair/modification & fixing, only labour charges, glass if broken to be arranged by contractor etc. complete.	Nos	10		
	RATE in words:				
3)	Providing and fixing Allum. Fittings including removal of old fitting etc. complete:				
a)	Butt hinges:				
	i) 125 x 75x4mm	Nos	5		
	RATE in words:				
	ii) 100x75x4mm	Nos	5		
	RATE in words:				
	iii)50x45x3mm	Nos	5		
	RATE in words:				
b)	Sliding doors bolts:				
	i) 300x16mm	Nos	2		
	RATE in words:				
	ii)250mmx16mm	Nos	2		
	RATE in words:				
c)	Tower bolts:				
	i) 150x10mm	Nos	5		
	RATE in words:				
	ii)100x10mm	Nos	5		
	RATE in words:				
d)	Handles:				

	i) 75mm - 100mm	Nos	5		
	RATE in words:				
	ii)125mm- 200mm	Nos	5		
	RATE in words:				
e)	Sliding flat latch:				
	i)300mm	Nos	2		
	RATE in words:				
	ii)200mm	Nos	2		
	RATE in words				
f)	Hook and eye:				
	i)150mm	Nos	5		
	RATE in words:				
	ii) 100mm	Nos	5		
	RATE in words:				
g)	Curtain rod chrome plated / powder coated with bracket/ end socket:				
	i) 20 - 25mm dia.	Rm	10		
	RATE in words:				
4)	Providing and fixing night latch (godrej make 7 lever)	Nos	5		
	RATE in words:				
5)	Providing and fixing 4-6mm thick clear/frosted glass and fixed with teak wood beading as per requirement including removing of broken glass panes, refiling of glass lambi putty, nails etc. complete	Sqm	10		
	RATE in words:				
6)	Repairing of old window shutter of any size without fitting	Nos	10		
	RATE in words:				
7)	Repairing of old door shutters of any size without fittings	Nos	10		
	RATE in words:				
8)	Providing and fixing bright finished brass mortice latch and lock and pair of lever, handles with necessary screws complete as per existing ones	Nos	20		
	RATE in words:				
9)	Repairing of night latch	Nos	2		
	RATE in words:				
10)	Providing and fixing mosquito nets netlon or equivalent make over the window frame including fixing Velcro tape in the wooden frames and net with screws/ nails etc.	Sqm	20		
	RATE in words:				
11)	Removing, Repairing and Refixing of existing pelmets including necessary new fittings & as directed by the Engineer In Charge.	Nos	25		
	RATE in words:				
12)	Providing and fixing flush door shutters decorative PLP Board type construction with frame of 1st class hard wood or well matched first grade marine ply with both side veneer.				
a)	40 m thick including andoized allu. Butt hinges with necessary screws	Sqm	5		

	RATE in words:				
b)	35 mm thick including anodized butt hinges with necessary screws	Sqm	5		
	RATE in words:				
13)	Providing and fixing marine plywood plain wall cladding with necessary screws, priming coat on unexposed surface etc. complete with teak veneer(3-4mmth.) facing of approved manufacture				
a)	06 mm-10mm thick	Sqft	5		
	RATE in words:				
b)	12 mm-19mmthick	Sqft	5		
	RATE in words:				
14)	Providing and fixing 1st class Indian teak wood moulded beading to door and window frames with aluminium screws, plugs and priming coat on unexposed surface etc upto 50mm wide and 25 mm thick.	Rm	10		
	RATE in words:				
15)	Providing & applying wood polishing in all wood works such as Palmets; Door/Window shutters; Beading; Staircase railings; Wall claddings; office furniture etc. including all scaffolding; scrapping; wood sealers etc. complete;				
a)	French colour polishing in three or more coats.	Sqm	75		
	RATE in words:				
b)	Malamine spray polishing over french colour polish.	Sqm	75		
	RATE in words:				
16)	Providing and fixing of SS friction stay to Z- Section type openable window including removing & refixing the shutters, alignment & greasing the same; screws etc. complete. Size as per existing window / ventilator requirement.	Nos.	50		
	RATE in words:				
17)	Providing and fixing of colour anodised aluminium accessories in windows/door/ventilators etc. as per existing size and colour including removing old fittings; screws etc complete.				
a)	Handle with locking arrangement; screws etc complete as per existing size.	Nos	50		
	RATE in words:				
b)	Concealed Locks with three keys as per existing arrangement.	Nos	10		
	RATE in words:				
18)	Removing; Servicing; Greasing & Refixing of existing door floor springs including providing & fixing any spares & accessories; screws etc. complete. Job involves removing existing aluminium shutters, servicing; realignment; new screws & cement works for spring box fixing.	Nos	10		
	RATE in words:				
19)	Removing; Servicing; Oiling & Refixing of existing hydraulic door closers including providing & fixing any spares & accessories; screws etc. complete.	Nos	10		
	RATE in words:				

20)	Providing and fixing new Hydraulic door closer (DOORSET/ OZONE / HAFALE) including removing of old set. Size includes long arm/ short arm heavy duty type to the satisfaction of Engineer.	Nos	10		
RATE in words:					
21)	Removing, Cleaning, Scrubbing of existing damaged Sun Control Flim in Glazed Windows & doors & Providing & refixing of new flim as per glazing size & of approved colour/shade at all heights etc. complete & as directed by the Engineer In Charge. Note: Payment as per actual flimed surface area on site.	Sqm	50		
RATE in words:					
22)	Providing & Fixing vertical venetian Blinds(75mm) as per existing window size including all necessary fittings in top rail, sliding chains, weights, Side over lap over window size, etc all as per approved manufacturer's specification & to the satisfaction of the Engineer In Charge. Note: Clear window size to be measured for payments.	Sqm	10		
RATE in words:					
23)	Providing & Fixing Pin-up Board using cork soft board with fabric cost not less then Rs. 150/- /m on one side of ply with necessary TW bedding around, SR adhesives, Nails, hanging clips etc all as per approved sample / colour / brand complete. All exposed faces of TW beading / Lipping should be finished with spry melamine polish to required shade. Termite treatment shall be done for all wooden & ply members.	Sqm	10		
RATE in words:					
24)	Providing & Fixing white writing board of 19mm marine grade plywood & finished with 1.5mm white marker board laminate & sides finished with TW lippings / biddings as diirected. All exposed faces of TW beading / Lipping should be finished with spry melamine polish to required shade Termite treatment shall be done for all wooden & ply members.	Sqm	10		
RATE in words:					
25)	Providing & Filling the gaps in between aluminium frame & adjacent RCC/ Brick / CC Block / Stone works by providing (Gap fill) of Sikaflex 11 fc Single-component, ready to use, moisture curing, polyurethane adhesive sealant at the joint between window frame and window sill upto 10mm depth & 5mm width & as per direction of the Engineer in Charge etc. complete.	RM	100		
RATE in words:					
26)	Providing and fixing glazing in aluminium door , window , ventilator shutters and partitions etc with PVC/neoprene gasket etc complete as per the directions of Engineer In-Charge. With float glass panes of 5.5 mm thickness	Sqm	20		
RATE in words:					
27)	Providing and fixing double action hydraulic floor spring of approved brand and manufacture IS:6315 marked for doors including cost of cutting floors as required , embedding in floors and cover plates with brass pivot and single piece M.S sheet outer box with slide plate etc complete(with stainless steel cover plate)	Nos.	10		
RATE in words:					
28)	Providing and fixing of door stoppers as per the approved make and as per existing ones etc complete	each	10		
RATE in words:					

F	FLOORING AND FLOOR FINISHES:				
1)	Providing and fixing coloured ceramic tiles over 20mm thick cement mortar 1:4 and jointed with confirming to IS 13755 of NITCO, SOMANY, KAJARIA necessary pigments with first quality tiles necessary pigments with first quality tiles.				
a)	size 30x30 cm for flooring	Sqm	10		
RATE in words:					
b)	30x30cm for dado and skirting over cement mortar 1:3 and jointed with cement slurry complete (1 cement :3 sand)	Sqm	10		
RATE in words:					
2)	Rubble packing with hard laterite stone under floors including watering ramming and consolidating etc in pipeline tranches and other foundations complete	cum	5		
RATE in words:					
3)	Providing and laying jet black mirror polish granite flooring and dado over 20 mm thick base of cement mortar 1:4 (1 cement:4 sand) laid over and jointed with cement slurry including rubbing complete granite slab (jet black with mirror polish)	Sqm	5		
RATE in words:					
4)	Providing Floor polishing including skirting, staircase risers, treads on masonry or concrete or all natural stone floors with superior quality wax polish of approved brand & manufacture, including scrubbing, cleaning the surface with acid wash, necessary colour cement grouting etc complete. Cost includes mobilisation/demobilisation of polishing machine.	Sqm	50		
RATE in words:					
5)	Cleaning, Scrubbing & Repolishing of existing Flooring & Skirting in kotha/Marble to provide mirror polish image by machine polishing including cost of mobilising/demobilising the polishing machine to site etc. complete & as directed by the Engineer In Charge. Note: Plan area to be measured for Flooring , Skirting, Risers, Treads etc for payments.	Sqm	50		
RATE in words:					
6)	Providing and fixing vinyl flooring as per approved thickness & brand including adhesives, scraping the surface, filler carpage for levelling, etc. complete.	Sqm	25		
RATE in words:					
7)	Providing and fixing 18mm thk approved make / Jet Black shade <u>mirror</u> finished Granite slabs for Kitchen Counter Tops/ Stiffners / Facade Patis etc of 27" x 118" size in approved shape/ pattern / sink cutouts including cement mortar bedding 20mm thk (1:6), laying the slabs in cement paste or gloved with High strength tile adhesive including roughing of existing Khota top , in proper level and slope, filling the joints with cement / pigments etc complete as directed. Adhesive confirming to IS : 15477, using 5kg per sqm of the tile area, in average 3mm thickness. Cost of Granite should not be lesser than Rs. 250/- sqft.	Sqm	10		
RATE in words:					
8)	Providing and polishing existing floors/ skirtings/Staicase Risers & Treads in Mosaic/Kotha etc in Wax/Mirror polish including scrubbing & cleaning the floors with sutable detergent/acid wash so as to remove all stains/dirt etc complete all as directed & to the satisfaction of the Engineer In Charge.	Sqm	25		

	RATE in words:				
9)	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS:15622 of approved make in all colors and shades, laid on 20mm thick cement mortar(1:4(1 cement :4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete	Sqm	10		
	RATE in words:				
10)	Fixing glazed/ceramic /vitrified floor tiles with cement based high polymer modified quick set tile adhesive (water based) conforming to IS:15477 , using 5 kg adhesive per sqm of tile area , in average 3 mm thickness	Sqm	20		
	RATE in words:				
G	PLASTERING AND FINISHINGS:				
1)	Repairs to plaster 12mm to 20mm in patches of area 2.5 sq.m including cutting the patch in proper shape and preparing the plaster surface of the wall complete including disposal of rubbish upto a distance of 50mts. With cement mortar 1:4 (1 cement: 4 sand)	Sqm	100		
	RATE in words:				
2)	Finishing walls with neeru finish to give an even finish	Sqm	15		
	RATE in words:				
3)	P/I cement punning over plaster to give and even surface	Sqm	10		
	RATE in words:				
4)	12 mm cement plaster 1:3(1 cement: 3 fine sand)	Sqm	50		
	RATE in words:				
5)	6 mm cement plaster to ceiling 1:3 (1 cement : 3 fine sand)	Sqm	50		
	RATE in words:				
6)	18mm cement plaster in 2 coats under layer 12 mm thk. cement plaster 1:3.5 (1 cement: 3.5 coarse sand) and top layer 6 mm thk. With cement plaster 1:2.5 (1 cement: 2.5 coarse sand) finished with sand faced sponge finish at all heights, External plaster including waterproofing compound in the proportion recommended by the manufacturers per bag of 50 kg of cement used in mix & as Approved by The Engineer- In -charge in both coats of plaster.Job involves cleaning the dismantled plaster surface with wire brush & water jetting & filling the joints with Sika Quick 1000 in addition with polymer Sika Latex Power in 1:3 ratio with water, to fill the joints between concrete blocks and RC columns/beams and concrete blocks.SikaQuick 1000 is a single component, rapid hardening, early strength gaining, cementitious, repair material for concrete. The treatment will include opening of joints by 1" X 1", cleaning it with water, application of bond coat, application of quick sika mortar by hand.Approved Make: Dr. Fixit/Sika/FOSROC	Sqm	50		
	RATE in words:				
7)	12mm cement plaster in one coat in internal walls/ceilings in CM 1:4 at all heights including waterproofing compound in the proportion recommended by the manufacturers per bag of 50 kg of cement used in mix & as Approved by The Engineer- In -charge	Sqm	50		
	RATE in words:				
H	PAINTING AND FINISHING WORKS:				

1)	Providing & White washing with lime on old work 2 or more coats to give an even shade including scrapping & surface preparation, scaffolding etc complete at all heights.	Sqm	50		
	RATE in words:				
2)	Providing & Colour washing with lime on old work 2 or more coats to give an even shade including scrapping & surface preparation, scaffolding etc complete at all heights.	Sqm	50		
	RATE in words:				
3)	Providing & Distemping in OBD in 2 or more coats , Asian , Nerolac or approved brand of required shades on old work including one or more coats of necessary primer,scraping, applying lambi putty, leveling and filling crack etc. to give an even shade including scrapping & surface preparation, scaffolding etc complete at all heights.	Sqm	50		
	RATE in words:				
4)	Providing & applying two or more coats synthetic enamel paint of approved brand including one or more coats of necessary primer in all shades to give an even shades etc. complete in walls/ ceilings/ grills / wood works etc. to give an even shade including scrapping & surface preparation, scaffolding etc complete at all heights.	Sqm	50		
	RATE in words:				
5)	Providing & Painting the fans with one or two coats with oil paint including cleaning, scraping, surface preparation, scaffolding etc complete at all heights. Asian, Nerolac	Nos	10		
	RATE in words:				
6)	Providing & Finishing wall with superior quality Apex weather shield exterior water proofing paint of approved brand and manufacture and of required shade on old work (three or more coats) to give an even shade including successive priming coats as required.	Sqm	50		
	RATE in words:				
7)	Providing and applying of Sika Quick 1000 in addition with polymer Sika Latex Power in 1:3 ratio with water, to repair the cracks. The mix will be hand applied. SikaQuick 1000 is a 1-component, rapid hardening, early strength gaining, cementitious, repair material for concrete. The treatment will include opening of joints by 1" X 1", cleaning it with water, application of bond coat, application of quick sika mortar by hand & as directed by the Engineer In Charge. Approved Make: Dr. Fixit/Sika/FOSROC	RM	50		
	RATE in words:				

8)	Providing & Finishing Exterior wall with superior quality, High performance elastomeric decorative exterior waterproofing coating of approved brand and manufacture and of required shade on new/old work (two or more coats @ 3.25 lit. / sqm) to give an even shade including scrapping of old existing paints wherever necessary & required primers(1:2)(water:primer) in as many coats as required as per manufactures specification etc complete. Sikagard - 550 W Elastic one component, plasto-elastic coating based on UV - curing acrylic dispersion with excellent crack-bridging properties even at temperatures below 0 deg Cent. Application of primer. Sikagard 551 elastic is a one component, solvent containing primer for all kinds of concrete as well as plaster surfaces. Consumption of primer. 0.20 to 0.25 Kg/m2. Setting time. 6 Hours. Application of 1st coat of Sikagard 550 W elastic. Consumption 0.30 Kg/m2. Waiting time 6 Hrs. Application of 2 nd coat of Sikagard 550 W elastic. Waiting time 6 Hrs. Note: Rate of Paint Consumption/Coverage /Work methodology/Procedure/Paint Gauge/shelf life of coating etc all as per Manufactures Guidelines/Manuals & as directed by the Engineer In Charge. Dr. FXIT (Rain coat) / FOSROC / SIKA. All window frames / shutters / glass panes shall be protected by masking tape & cleaned / removed after final spray coating. No extra measurements shall be done for coating door / window / opening jams.	Sqm	75		
	RATE in words:				
9	Applying priming coat with ready mixed primer of approved listed brand and manufacture on wood work complete in shutters & frames including scraping & removing existing paints at all heights etc complete.	Sqm	25		
	RATE in words:				
10	Painting (two or more coats) with Epoxy synthetic enamel paint of approved brand & manufacture to give an even shade (shutters+ grills)	Sqm	25		
	RATE in words:				
11	Providing & Finishing wall with superior quality Apex weather sheild exterior water proofing paint of approved brand and manufacture and of required shade on old work (three or more coats) to give an even shade.	Sqm	25		
	RATE in words:				
I	WATER SUPPLY,SEWERAGE,PLUMBING AND SANITATION WORKS:				
1)	Providing & Fixing Allied CP Brass Fittings including CP brass screws, flanges, etc complete. Job includes removing of old existing fittings & making good the job. Approved Makes : JAQUAR / ARK / MARC.				
a)	Health Faucet with 8mm Dia; 01meter long flexible tube & wall Hook, with NRV Cat. No. 577.	Nos	2		
	RATE in words:				
b)	Bottle trap 32mm size with 250mm long wall conection pipes& wall flange,Jaquar make cat. No. 769 C.P finish;	Nos	2		
	RATE in words:				
c)	Waste coupling 32mm full tread/half tread,Jaquar make cat. No. 705/709 C.P finish;	Nos	5		
	RATE in words:				
d)	Shower Arm casted heavy round with wall flange Cat. No. 487.	Nos	2		

	RATE in words:			
e)	Rain Shower overhead with Rubit cleaning system 100mm dia. Cat. No. 495.	Nos	2	
	RATE in words:			
f)	Heavy duty ss flexible connectors of approved make & length.	Nos	2	
	RATE in words:			
g)	Jaquar make concealed body metropole flush valve with control cock operation plate,40/32mm size,Model 1095/1093 with C.P finish; including cutting & making good walls where required.	Nos	2	
	RATE in words:			
2)	Providing & fixing toilet accessories in continental series of Jaquar make in Brass C.P finish, including fixing wooden cleats with CP brass screws & cutting & making good walls where required & or removing of old existing fittings. JAQUAR/ARK/MARC.			
a)	Single Towel Rail 600mm long Cat. No.1111	Nos	1	
	RATE in words:			
b)	Single Towel Rail 300mm long Cat. No.1101	Nos	1	
	RATE in words:			
c)	Toilet Roll Holder Cat. No. 1151	Nos	1	
	RATE in words:			
d)	Towel Ring Round/Square Cat. No. 1121	Nos	1	
	RATE in words:			
e)	Soap Dish Cat. No. 1131	Nos	2	
	RATE in words:			
3)	Providing & fixing Jaquar Florentine series, quarter turn ceramic disc fittings in C.P finish; including cutting & making good walls where required & or removing of old existing fittings. JAQUAR/ARK/MARC.			
	RATE in words:			
a)	2-way Bib Cock including flange Cat. No. 5041	Nos	1	
	RATE in words:			
b)	Concealed Stop Cock extra heavy body with adjustable wall flange Cat. No. 5083.	Nos	1	
	RATE in words:			
c)	Bib Cock with wall flange Cat No.5037	Nos	1	
	RATE in words:			
d)	Angular stop cock with flange, Jaquar make cat. No. 5053 in Florentine series C.P finish	Nos	1	
	RATE in words:			
e)	Quarter Turn wash basin pillar cock ,Jaquar make cat. No.5011 C.P finish;	Nos	1	
	RATE in words:			
f)	Wall Mixer with provision for overhead shower with 115mm long bend pipe and wall flange,cat no. 5273,CP finish	Nos	1	
	RATE in words:			

4)	Providing & fixing Sanitary Fittings in Star White including all necessary fittings, removing existing fittings, cutting & making good the walls & floors, filling & finishing with waterproof coba works were required etc complete. Approved Make: HINDWARE/CERA/ PERRYWARE.				
a)	Supplying & fixing EWC wall mount "BLAMONT" in "STAR WHITE" colour, Hindware make, Model 92016 including accessories/hardware kit/Seat cover & complete Set Blamont.	Nos	1		
RATE in words:					
b)	Supplying & fixing IWC Orrisa Pan in "STAR WHITE" colour, Hindware make, Model 92016 including accessories/hardware kit & complete.	Nos	1		
RATE in words:					
c)	Supplying & fixing Vitreous wash basin wall mounting type, in approved sample, shape and size, STAR WHITE colour, Hindware make with CI brackets painted white / SS Rag Bolts etc complete.	Nos	1		
RATE in words:					
d)	Providing & Fixing Sleek PVC Cistern with ISI mark, cat no. 189229, white, Hindware make, size 325mm x 476mm x 155mm including all accessories etc. complete.	Nos	1		
RATE in words:					
e)	Providing and fixing 1/2 dia heavy duty pvc connection				
	i)30cm	Nos	2		
RATE in words:					
	ii)45 cm	Nos	2		
RATE in words:					
	iii)60cm.	Nos	2		
RATE in words:					
f)	Providing and fixing white vitreous foot rest 250x130x30mm(pair)	Nos	2		
RATE in words:					
5)	Providing and fixing CPVC (Chlorinated Poly Vinyl Chloride) Plastic Pipe in SDR 11 as per ASTM D 2846 with pressure rating from 28.1 to 7.03Kg/cm ² at 23 to 82 deg. centigrade including all necessary fittings as required in Plastic CPVC or Brass CPVC in Tee , bend, clamps, Yellow Adhesive Solution etc; including cutting, deburring /bevelling, fitting preparation, solvent cement application, assembly, set & curing times and making good the walls, Pressure Testing etc. complete (Internal/ External work).				
a)	20mm nominal bore	Rm	10		
RATE in words:					
b)	25mm nominal bore	Rm	10		
RATE in words:					
c)	32mm nominal bore	Rm	5		
RATE in words:					
d)	40 mm nominal bore	Rm	5		
RATE in words:					
e)	50 mm nominal bore	Rm	5		
RATE in words:					
6)	Providing and fixing CPVC full way valves as per ASTM D 2846				
a)	20mm nominal bore	Nos	1		

	RATE in words:			
b)	25mm nominal bore	Nos	1	
	RATE in words:			
c)	32mm nominal bore	Nos	1	
	RATE in words:			
d)	40 mm nominal bore	Nos	1	
	RATE in words:			
e)	50 mm nominal bore	Nos	1	
	RATE in words:			
7)	Providing and fixing GM full way valve (heavy) duty with wheel of approved quality including removing existing old fitting & making good the job etc. complete. ZOLOTO.			
a)	15mm nominal bore	Nos	3	
	RATE in words:			
b)	20mm nominal bore	Nos	2	
	RATE in words:			
c)	25mm nominal bore	Nos	1	
	RATE in words:			
d)	40mm nominal bore	Nos	1	
	RATE in words:			
e)	50 mm nominal bore	Nos	1	
	RATE in words:			
f)	3" dia.	Nos	1	
	RATE in words:			
g)	4"	Nos	1	
	RATE in words:			
8)	Providing and fixing OHT float valve (brass) with PVC flat faced high pressure float ball of approved quality including removing existing old fitting & making good the job etc. complete. ARK/VIKING/ZOLOTO.			
a)	15 mm nominal bore.	Nos	2	
	RATE in words:			
b)	20 mm nominal bore.	Nos	2	
	RATE in words:			
c)	25 mm nominal bore.	Nos	2	
	RATE in words:			
d)	PVC flat/round faced ball only.	Nos	2	
	RATE in words:			
9)	Providing and fixing Brass heavy duty fittings including removing existing fitting & making good the job of approved quality :			
a)	15 mm nominal bore garden taps.	Nos	1	
	RATE in words:			
b)	15 mm nominal bore stop cock.	Nos	1	
	RATE in words:			

10)	Providing & fixing Stainless Steel Nahani trap Drainer (4" dia.) with Hinges in round/square /flat with frame as per approved sample, including & or cutting & removing existing fitting & making good the surface to satisfaction & as directed by the Engineer In Charge.	Nos	5		
	RATE in words:				
11)	Providing & fixing Stainless Steel Cockroach trap in round/square with/without hole & as per approved sample, including & or cutting & removing existing fitting & making good the surface to satisfaction & as directed by the Engineer In Charge.	Nos	1		
	RATE in words:				
12)	Providing and fixing SELFIT SWR PVC / RINGFIT SWR PVC PIPES (soil, waste & rain water drainage pipes, as per IS 13592) of approved make including lubricant / rubber gaskets / spacer saddles,clips / roofing nails etc. complete (single/double socketed) & as directed & or removing existing line at all heights & scaffolding etc. complete.				
a)	75mm dia.	Rm	10		
	RATE in words:				
b)	110 mm dia.	Rm	10		
	RATE in words:				
13)	Providing and fixing SWR Moulded Fittings as as per IS 14735 in piping of approved make including lubricating / rubber washers etc. complete.				
a)	75 / 110mm dia. Plain Bend	Nos	1		
	RATE in words:				
b)	75 / 110mm dia. Door Bend	Nos	1		
	RATE in words:				
c)	75 / 110mm dia. Single Plain Tee	Nos	1		
	RATE in words:				
d)	75 / 110mm dia. Single Door Tee	Nos	1		
	RATE in words:				
e)	75 / 110mm dia. Double Tee/Cross	Nos	1		
	RATE in words:				
f)	75 / 110mm dia. Double Door Tee	Nos	1		
	RATE in words:				
g)	75 / 110mm dia. Single Plain " Y "	Nos	1		
	RATE in words:				
h)	75 / 110mm dia. Single Door " Y "	Nos	1		
	RATE in words:				
i)	75 / 110mm dia. Plain Double " Y "	Nos	1		
	RATE in words:				
j)	75 / 110mm dia. Double Door " Y "	Nos	1		
	RATE in words:				
k)	75 / 110mm dia. 45 deg. Shoe Bend	Nos	1		
	RATE in words:				
l)	75 / 110mm dia. Coupler	Nos	1		
	RATE in words:				
m)	110mm x 75mm Reducing Tee (Plain / Door)	Nos	1		

	RATE in words:			
n)	75 / 110mm dia. Vent cowel	Nos	1	
	RATE in words:			
o)	110mm x 75mm Nahani Trap (Short / Long)	Nos	1	
	RATE in words:			
p)	110mm multi floor Trap	Nos	1	
	RATE in words:			
14)	Providing and fixing GI pipeline "B Class" including all GI fittings, clamps, cutting and threading the pipe including excavation; refilling or cutting of wall and making good the same complete wherever required. (Internal/Exposed works) Includes all scaffolding at all heights.TATA / ZENETH.			
a)	15mm nominal bore	Rm	5	
	RATE in words:			
b)	20mm nominal bore	Rm	5	
	RATE in words:			
c)	25 mm nominal bore	Rm	5	
	RATE in words:			
d)	40 mm nominal bore	Rm	5	
	RATE in words:			
e)	50mm nominal bore	Rm	5	
	RATE in words:			
15)	Providing and fixing UPVC / APVC, White/ Grey piping of approved quality including all fittings, trenching and refilling, pressure 10kg/sqcm2, etc complete. PRINCE / ASTRAL / ASHIRVAD / AJAY / FINOLEX			
a)	15 mm nominal bore.	Rm	10	
	RATE in words:			
b)	20 mm nominal bore.	Rm	10	
	RATE in words:			
c)	25 mm nominal bore.	Rm	5	
	RATE in words:			
d)	32 mm nominal bore.	Rm	5	
	RATE in words:			
e)	40 mm nominal bore.	Rm	5	
	RATE in words:			
f)	50 mm nominal bore.	Rm	5	
	RATE in words:			
g)	75 mm nominal bore.	Rm	10	
	RATE in words:			
h)	90 mm nominal bore.	Rm	10	
	RATE in words:			
16)	Providing laying and joining glazed stone ware pipes grade A with stiff mixture of cement mortar in propotion of 1:1 (1 cement:1fine sand)including testing of joints etc.			
a)	100mm dia	Rm	5	
	RATE in words:			

b)	150 mm dia	Rm	5		
	RATE in words:				
c)	230 mm dia	Rm	5		
	RATE in words:				
17)	Providing & Fixing Plastic Seat cover in approved brand & colour for EWC including necessary screws, locking arrangements as per existing Model & Make, removing existing fitting etc complete to satisfaction of Engineer In Charge.	Nos	3		
	RATE in words:				
18)	Cleaning and removing blockage including all tools & tackles at all heights & scaffolding, pump pressure jetting etc complete.				
a)	Wash Basins / Sinks	Nos	5		
	RATE in words:				
b)	Bathroom / Kitchen / WC traps.	Nos	5		
	RATE in words:				
c)	General Taps / Bottel Traps / Urinal spreaders etc.	Nos	5		
	RATE in words:				
d)	Sewage Manhole / Chambers & its pipe line.	Nos	5		
	RATE in words:				
e)	R/W drain line / Storm Water Gutter icluding lifting of slabs & refixing etc.	Rm	75		
	RATE in words:				
19)	Providing & Fixing Jaquar Urinal sensor Batteries in 6 / 9 Volts. SANYO / DURACELL	Nos	2		
	RATE in words:				
J	DEPARTMENTAL SERVICES:				
1)	labour charges for engaging on daily wage along with necessary self owned Tools ; Tackles & Machinery				
a)	Helper / Male coolie (General)	Man Day	200		
	RATE in words:				
b)	Helper / Female coolie (General)	Man Day	50		
	RATE in words:				
c)	Carpenter Furniture Skilled	Man Day	100		
	RATE in words:				
d)	Carpentter Alluminium Fabrication Skilled	Man Day	50		
	RATE in words:				
e)	Painter Skilled	Man Day	50		
	RATE in words:				
f)	Plumber Skilled	Man Day	100		
	RATE in words:				
g)	Mason Skilled	Man Day	50		
	RATE in words:				
h)	Fitter / Technician Highly skilled - Floor Springs / Door closers / Venitian Blinds / Chair Repairs Welders etc.	Man Day	25		

	RATE in words:				
K	MISCELLANOUS WORKS:				
1)	Providing and fixing 600 x 450 mm bevelled edge mirror of superior glass of approved quality 6 mm thk, fixed to wall dado tiles by SS brush finished brass button type glass holders with C.P. brass screws and washer, pvc plugs etc, complete & to the satisfaction of the Engineer In Charge. MODI / ASSI	Nos	2		
	RATE in words:				
2)	Supply and fixing Precast reinforced concrete manhole covers complete with lifting hooks including reinforcement and centering and shuttering and finished with plaster				
a)	for chambers of size 60cmx60cm/90cmx90cm	Nos	5		
	RATE in words:				
b)	for chambers of size 30cm x30cm	Nos	5		
	RATE in words:				
3)	Providing and fixing stainless steel Single sinks of one- piece 304 grade of 1.6 mm thick of overall size 689mm x 535 mmx 254mm in Anti Scratch finish/quality inclusive of SS/CP waste coupling, fixing materials and connection piece in CPVC piping in 40/50mm dia., treaded End Cap etc complete. NIRALI / HINDWARE / FRANKE	Nos	2		
	RATE in words:				
4)	Providing, fabricating and fixing to existing Man hole / Chamber covers with frames and suitable locking arrangement, holdfasts, lifting handles, etc . Frames to be in MS 50mm x 50mm x 6mm & Cover door in GI (14gauge) plate fabricated with MS flat 50mm x 50mm x 6mm , equal angle 50mm x 50mm x 6mm as necessary supports including two coats of approved epoxy primer & two coats of epoxy synthetic enamel etc . Existing chambers to be repaired in brick masonry / plaster / concrete etc complete to make good the job & to the satisfaction of the Engineer.				
a)	Chamber Size: 600mm x 600mm	Nos	2		
	RATE in words:				
b)	Chamber Size: 1200mm x 1300mm	Nos	2		
	RATE in words:				
5) a)	Using cement Bags in works ISI Mark (50Kg Bag)	Nos	5		
	RATE in words:				
b)	Using Sand	cum	1		
	RATE in words:				
7)	Providing and fixing of locks for cupboards(overhead and below counters)as per approved make etc complete	Nos	40		
	RATE in words:				
8)	Providing and installation of overhead sintex tanks at all heights and making proper plumbing connections from the existing water supply lines etc complete				
a)	2000 ltrs capacity	Nos	1		
	RATE in words:				
b)	5000 ltrs capacity	Nos	1		

	RATE in words:			
c)	10,000 ltrs capacity	Nos	1	
	RATE in words:			
9)	Removing carefully damaged false ceiling and providing and redoing the false ceiling in GYP board in existing thickness including necessary supports/runners/perimeter channels etc complete and finishing the surface to all levels/line to the satisfaction of the engineer in charge	Sqm	20	
	RATE in words:			
10)	Providing and applying of red oxide paint on footpaths/pathways etc complete	Sqm	50	
	RATE in words:			
11)	Steel work in single sections including cutting, hoisting fixing in position and applying a priming coat of red lead paint.			
	In R.S. joists, channels, angles, tees	Qtl.	1.00	
	RATE in words:			
	In flats of all sizes	Qtl.	1.00	
	RATE in words:			
	In flats exceeding 100mm thickness	Qtl.	1.00	
	RATE in words:			
12)	Providing and fixing of Galvanized sheets according to ASTM specification on A792/A792M-97a "Steel sheet, 55% aluminium-Zinc alloy coated by Hot Dip process of approved colour and make etc complete	Sqm	30	
	RATE in words:			
I				SUB TOTAL:
II				VAT : % :
III				Service Tax : % :
IV				Any other charges :
V				GRAND TOTAL:

I ACCEPT ALL TERMS & CONDITIONS OF THE SAID TENDER NO. NCAOR/EST/CE/02/14-15

NAME OF THE BIDDER WITH SEAL & SIGNATURE:

Grand Total: Rs. _____

Grand Total in words: _____

- 1 Discount offered if any, should be included in the quoted rates & should not be shown separately.

- 2 Price Evaluation Criteria-Contractor should quote all items given in the price bid. The Lowest Evaluated Bidder (L1) would be arrived from the total of all items including all taxes and other charges (Grand Total above) of the price bid.

Certificate:

I _____ on behalf of

hereby certify that I agree and accept all the terms and conditions laid down in the tender and offered my best rates as above.

Name & Signature of the tenderer:

With Date & Seal: