



TENDER
For
Renovation / Remodeling of wash rooms (15 no's) in EFC & Admin Building,
IDRBT premises, Masabtank, Hyderabad – 500 057

Part – II (Price Bid)

Name of the Tenderer: _____

Address: _____

Due date and time for submission of tender:

14.00 hours on 30.07.2015

Signature of the Tenderer

INSTITUTE FOR DEVELOPMENT AND RESEARCH IN BANKING TECHNOLOGY

S.No	Description of Item	Qty	Rate (Rs)	Rate in Words (Rs)	Amount (Rs)
A	Renovation of VVIP wash rooms in 7th floor (701 & 715) in EFC Building				
1.	Dismantling and clearing of existing tile / mosaic flooring, dado / skirting including removal of plaster on the walls where the dado tiles are to be replaced where ever required as directed by Engineer and also preparation of surface for laying of dado tiles from bottom to the ceiling height of the wash room and dismantling material carried out up to ground floor manually and transport to unobjectionable locations outside of the office premises, by using lorry / truck, it includes cost of all labor charges, transport charges, taxes, etc which also includes dismantling of existing EWC's / Indian WC's, Wash basins, towel rods, MS/ Aluminum ventilators and all sanitary and plumbing fixtures / fittings including CI / GI pipe lines and also removing of mirrors, light fixtures etc in wash rooms in VVIP rooms.	2 no's			
2.	Application of brush bond treatment to sunken slabs, junctions of wall and slab etc., in toilet. Surface preparation of sunken slabs, walls and gutter area by manual or mechanical means to remove loose mortar, laitance, oil and grease etc. and washing the surface thoroughly with water. Providing and laying PCC fillet 75-100 mm rounding at the intersection of roof slab with parapet wall, pipe pedestal etc and after applying a coat of polymer modified mortar of Siskon/ Sika Latex Power / Fosroc's Nitobond SBR Latex / Equivalent modified cement slurry bonding coat and elastometric providing and applying two coats of acrylic based electrometric, crack bridging waterproofing coating Sika Topseal 107 (2 part) / Fosroc's high performance electrometric cementation water proofing coating Brush bond RFX or equivalent in 2 coats as per the specification of the manufacturer as approved by the Engineer and finally keeping the water on sunken and tanks for 24 hrs for observing the leakages, pressure grouting at all the water dripping areas with leak proof admixture to arrest leakages including cost of all materials , labor charges curing etc. complete for finished item of work. (The work shall be carried out under supervision of a specialized Agency and shall carry a guarantee for 5 years). This also includes filling of light weight concrete (1:2:4) 3" thick over brick bat jally before tiled flooring for low roofs.	20 sq.m			
3.	Supply and fixing of aluminum anodized ventilator of size 1.0 x 0.45 m with 0.7 m height louvers and 0.3 m height for provision of exhaust fan of 300 mm sweep with necessary fixing materials with a box section of 63.5 x 38.1 x 2.1 mm around and intermediate member with a 4 mm thick frosted glass louvers in the bottom portion of the ventilators including supply and providing of SS (304 grade) mesh for ventilator.	1 sq.m			

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4.	Supply and fixing GI pipe medium grade properties (B class Tata) and weight as per IS 1239 ISI mark in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc including painting (rust proof), with necessary chiseling masonry walls and making good the walls & floors to the original surface and fixing MS clamps with base & rowal plugs on walls including cost and conveyance of all materials and labor charges complete for finished item of work including cotton rope insulation for hot water lines. (if any)				
	a) 15 mm diameter	70 rmt			
	b) 19 mm diameter	5 rmt			
	c) 25 mm diameter	50 rmt			
	d) 40 mm diameter	10 rmt			
5.	Supply and fixing of Upvc pipe @ 8 kg / sq.cm ISI mark (Sudhakar /Prince make) for the drain off the water from sunken slabs and wash basin including cost and conveyance of all materials, all specials like bends, coupling, reducers and traps etc., sales and other taxes on materials to site, operational & incidental charges including all labor charges for fixing at site etc., complete for finished item of work				
	a) 25 mm diameter	5 rmt			
	b) 32 mm diameter	5 rmt			
	c) 75 mm diameter	5 rmt			

6.	Supply and fixing of CP Jallis along with suitable PVC gulli trap with accessories as directed	6 no's			
7.	Supply and fixing of health faucet along with NP short body 2 way bib tap of size 12.7 mm dia of make Jaquar heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work with necessary GI fittings CON O41KN & ALD 577	2 no's			
8.	Supplying and fixing of bath shower of Jaquar make complete set of approved make including cost and conveyance of all materials, labor charges for fixing etc. complete for finished item of work <u>as per the sample laid in wash room no.702</u>	2 no's			
	a). Wall mixture with shower housing system (KUB 35119F)				
	b). Exposed shower (SHA 1217F)				
	c). Overhead shower, 200 x 200 mm square shape (OHS35497)				
	d). Hand shower, 27 x 27 mm square shape (HSH 35537)				
	e). Flexible tubes for shower alignment, 8 mm dia, 1.5 m long (SHA 549d8)				
9.	(a) Supplying and fixing NP Long Body bib tap (Con 107KN) of size 12.70 mm dia of make Jaquar / Marc heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work	One			
	(b) – do – as above but short body bib tap (Jaquar Con 047KN)	One			
10.	Supplying and fixing white glazed porcelain European water one piece closet (EWC floor mounted type) confirming to IS:2556 with 'P' or 'S' trap including supplying and fixing 10 Ltrs capacity valve less symphonic	2 no's			

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	action type Ceramic low level cistern with brackets, double flapped seat cover confirming to IS: 2548 – Part 1 and 2, 40 mm dia PVC bend, 15 mm dia High density PVC inlet pipe connection, 15 mm dia CP Brass angle stop cock etc., with all above of Hind ware including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work. (Cat No.Elba 92047 S30 / P18 star white Hind ware)				
11.	Supply & fixing of 24” x 18” size wash basin (Glass bowl & glass stand with Stainless steel hardware of required design with 2 way water mixing pillar cock (single lever) complete set with angle cock, pop waste coupling, pvc connection and bottle trap etc. as per the sample laid in wash room no.702 including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work. (Model VGP81005B Jaquar for 2-way water mixing pillar cock single lever)	2 no’s			
12.	(a) Supply and fixing of soap dish holder with NP screws etc., complete including cost and conveyance of all materials, labor charges for fixing, screws etc., complete for finished item of work. (Model AKP35731P - Jaquar)	4 no’s			
	(b) – do – as above for soap dispenser with glass bowel (Model AKP35735P - Jaquar)	2 no’s			
13.	Supplying and fixing of 25.4 mm dia, 609.6 mm long Stainless steel towel rods with brackets and aluminum screws including cost and conveyance of all materials, labor charges etc., complete for finished item of work. (Jaquar AQN - 7711)	2 no’s			
14.	(a) Supplying and fixing 15 mm angle cock make Jaquar including cost and conveyance of all materials, labor charges, etc., complete for finished item of work for Geysers (CON – 059 KN)	4 no’s			
	(b) ----- do ----- concealed stop cocks for geysers of 12.7 mm (CON – 087 KN)	2 no’s			
	(c) Supply and fixing of 15 mm dia PVC connection pipe of heavy duty with brass union nuts complete for geyser of standard length (0.62 m app) including cost and conveyance of all materials labour charges etc. complete for finished item of work as directed.	6 no’s			

15.	Supply and fixing of decorative mirror (Belgium) of size 24" x 18" with necessary brackets/ clamps with color full design including cost and conveyance of all materials labour charges etc. complete for finished item of work as directed.	2 no's			
16.	Supplying and fixing 19 mm (3/4") dia Gunmetal gate valve of Zoloto make of ISI mark heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work for controlling water flow into wash room.	4 no's			
17.	Supply and fixing of stainless steel toilet role holder (Jaquar AKP35751P) of length 150 mm of standard width including cost and conveyance of all materials labour charges etc. complete for finished item of work as directed.	2 no's			
18.	Supply and fixing of 300 mm. sweep exhaust fan of Crompton Greaves / Khaitan with internal lovers including cost and conveyance of all fixing materials, labour etc. complete for finished item of work.	2 no's			
19.	Supply and fixing of geysers with bolts and nuts and clamps of ABS body with 5 star rating of Vijay / Crompton / Venus make (25 Liters Capacity) including cost and conveyance of all materials labour charges etc. complete for finished item of work as directed.	2 no's			
20.	Supply and fixing of MIROLTA Slim 18W TMS 520/118 HF with lamp (Philips make with energy efficient tube, electronic choke) on wall or ceiling with PVC insulated two core flexible copper cable (1.50 sq.m) from terminals to the fitting including necessary fixing materials.	2 no's			
21.	Flooring with Colored Ceramic non-skid curved or Edge cut - Rectified tiles in wash room areas of first quality of approved make Johnson / Kazaria and of minimum size not less than 300 mm x 300 mm and 6 mm thick set over a base coat of Screed bed layer of CM 1:4 of 20 mm thick and grey cement slurry @ 3.3 kg per sq.m including pointing / filling the joint with joint filler of approved make / quality of matching shade complete including cost and conveyance of all materials like cement, sand, water, tiles, white cement, joint filler etc to site, including cost of base coat and all labor charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer curing etc., complete for finished item of work in all floors which includes preparation of floor surface for laying of tiles. (Note: The Basic cost of tile = Rs 550/- per 1 sq.m)	10 sq.m			

22.	<p>Dadoing to walls in wash room areas up to ceiling height with colored glazed tiles of minimum size of 300 x 450 mm x 6 mm thick and of approved design / pattern including necessary border tiles of make Johnson / Kazaria as approved by Engineer using base coat of 20 mm thick CM (1:4) for preparation of surface for pointing/fixing/laying tiles and the joining with joint filler of matching color/shade of tiles including cost and conveyance of all materials like tiles, border tiles and water to work site including cost of base coat, all operational, incidental and labor charges such as mixing, mortar, fixing in position, including lift charges, curing etc., complete for finished item of work which includes preparation of wall surface for laying of dado tiles (Note: The Basic Cost of tiles = Rs 800/- per one sq.m)</p>	50 sq.m			
23.	<p>(a) Painting with Plastic emulsion interior Grade-I painting to ceiling with one coat of primer and two coats of emulsion approved make shade and color including cost and conveyance of all materials like Plastic Emulsion paint of Grade – I to site including cost of brushes and ladders, lift charges and labor charges such as preparing the surface for painting by remove all lose old patches, oil, grease etc. with putty, applying two coats of Plastic Emulsion paint, taxes, duties, levies etc., complete for finished item of work.</p>	250 sq.m			
	<p>(b) Painting two coats with synthetic enamel paint first grade over a coat of primer of approved shade, quality and make to iron work/wood work including cost and conveyance of all materials to site, and preparation of surface, taxes, duties, levies, incidental, operational and all labor charges etc., complete for finished item of work for toilet doors and frames (front and back side of door and frame).</p>	15 sq.m			
24.	<p>(a) Removing of old down lighter light fixtures and re-fixing of the same in revised location including cost and conveyance of all materials, labour charges etc.</p>	30 no's			
	<p>(b) Closing of holes in false ceiling with gypsum board and plaster of paris power including cost and conveyance of all materials labour etc. for finished item of work for down lighters.</p>	20 no's			
25.	<p>Supply and fixing of 2 no's of size 20 mm thick, <u>5' length x 3" width and 2½' length x 3" wide polished granite stone</u> for base support for wash room sliding shutters with two sides molding including necessary fixing materials including cost and conveyance of all materials, labour charges, etc for finished item of work.</p>	LS			

26.	Supply and provision of Stainless steel sliding shutter partition with toughen glass of 8 mm thick including hardware, labour, transport and cost and conveyance of all materials, with pvc beeding etc. of size 7' x 6' = 42 sq.ft <u>as per the sample laid in wash room no.702</u>	85 sq.ft			
27.	Supply and fabrication of MS Structure stand for 2000 liters capacity PVC tank with 40 mm x 40 mm MS angel of 6' x 4 no's + MS square section (2" x 2") of 5' x 6 no's + SS chain of 6 mm of 17 meters + 40 mm pvc gate valve (2 no's) including 40 mm pvc pipe 20 m length including fabrication, fixing structure, painting including cost and conveyance of all materials, labour charges, welding chares, for lifting and fabrication complete for finished item of work, on the terrace of 7 th floor of EFC Building. However sintex water tank (2000 lit) is being supplied by IDRBT as per sample.	LS			
Subtotal Amount (A) for VVIP wash rooms (701 & 715)					
B	Renovation of wash rooms in 1st floor, EFC Building (3 no's)				
1.	Dismantling and clearing of existing tile / mosaic flooring, dado / skirting including removal of plaster on the walls where the dado tiles are to be replaced where ever required as directed by Engineer and also preparation of surface for laying of dado tiles from bottom to 7 feet height of the wash room and dismantling material carried out up to ground floor manually and transport to unobjectionable locations outside of the office premises, by using lorry / truck, it includes cost of all labor charges, transport charges, taxes, etc which also includes dismantling of existing EWC's / Indian WC's, Wash basins, towel rods, MS/ Aluminum ventilators and all sanitary and plumbing fixtures / fittings including CI / GI pipe lines and also removing of mirrors, light fixtures etc in three wash rooms. <u>(First floor three wash rooms)</u>	3 no's			
2.	Application of brush bond treatment to sunken slabs, junctions of wall and slab etc., in toilet. Surface preparation of sunken slabs, walls and gutter area by manual or mechanical means to remove loose mortar, laitance, oil and grease etc. and washing the surface thoroughly with water. Providing and laying PCC fillet 75-100 mm rounding at the intersection of roof slab with parapet wall, pipe pedestal etc and after applying a coat of polymer modified mortar of Siskon / Sika Latex Power / Fosroc's Nitobond SBR Latex / Equivalent modified cement slurry bonding coat and elastometric providing and applying two coats of acrylic based electrometric, crack bridging waterproofing coating Sika Topseal 107 (2 part) / Fosroc's high performance	28 sq.m			

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	electrometric cementation water proofing coating Brush bond RFX or equivalent in 2 coats as per the specification of the manufacturer as approved by the Engineer and finally keeping the water on sunken tanks for 24 hrs for observing the leakages, pressure grouting at all the water dripping areas with leak proof admixture to arrest leakages including cost of all materials , labor charges curing etc. complete for finished item of work. (The work shall be carried out under supervision of a specialized Agency and shall carry a guarantee for 5 years). This also includes filling of light weight concrete (1:2:4) 3” thick over brick bat jally before tiled flooring for low roofs.				
3.	Supply and fixing of aluminum anodized powder coated ventilator of size 0.71 m x 0.51 m with a box section of 63.5 x 38.1 x 2.1 mm around with suitable louvers and 0.3 m height for provision for fixing of exhaust fan of 300 mm sweep on the top position of the ventilator and intermediate member with a 4 mm thick frosted glass louvers in the bottom portion of the ventilator by removing existing ventilator and plastering on broken wall where ever needed complete for finished item of work including supply and providing SS (304 grade) mesh for ventilator.	1.5 sq.m			
4.	Supply and fixing GI pipe medium grade properties (B class Tata) and weight as per IS 1239 ISI mark in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc including painting (rust proof), with necessary chiseling masonry walls and making good the walls & floors to the original surface and fixing MS clamps with base & royal plugs on walls including cost and conveyance of all materials and labor charges complete for finished item of work including cotton rope insulation for hot water lines. (if any)				
	a) 15 mm diameter	45 rmt			
	b) 19 mm diameter	7 rmt			
	c) 25 mm diameter	30 rmt			
	d) 40 mm diameter	12 rmt			
5.	Supply and fixing of Upvc pipe @ 8kg / sq.cm ISI mark (Sudhakar /Prince make) for the drain off the water				

	from sunken slabs and wash basin including cost and conveyance of all materials, all specials like bends, coupling, reducers and traps etc., sales and other taxes on materials to site, operational & incidental charges including all labor charges for fixing at site etc., complete for finished item of work				
	a) 25 mm diameter	6 rmt			
	b) 32 mm diameter	6 rmt			
	c) 75 mm diameter	6 rmt			
6.	Supply and fixing of CP Jallis along with suitable PVC gulli trap with accessories as directed including cost of materials and labour charges etc. complete for finished item of work.	9 no's			
7.	Supply and fixing of health faucet Jaquar ALD 573 along with NP short body 2 way bib tap of size 12.7 mm dia of make Jaquar heavy duty Con 041 KN including cost and conveyance of all materials, labor charges etc. complete for finished item of work with necessary GI fittings	3 no's			
8.	Supplying and fixing over head shower rose (Jaquar OHS-1999) heavy type 1 st quality of approved make Jaquar heavy duty including cost and conveyance of all materials, labor charges for fixing etc. complete (12.7 mm)	3 no's			
9.	a). Supply and fixing of ceramic soap dish with NP screws etc., complete including cost and conveyance of all materials, labor charges for fixing, screws etc., complete for finished item of work.	3 No's			
	b). --- do --- as above for soap dispenser (AKP35735P Jaquar)	3 no's			
10.	Supplying and fixing of 25 mm dia, 0.61 m long stainless steel towel rods with brackets and MS powder coated screws including cost and conveyance of all materials, labor charges etc., complete for finished item of	3 No's			

	work. <u>(Jaquar AQN 7711)</u>				
11.	(a) Supplying and fixing 15 mm angle stop cock make Jaquar including cost and conveyance of all materials, labor charges etc., complete for finished item of work for Geysers (CON – 059 KN)	6 no's			
	(b) ----- do ----- concealed stop cocks for geysers of 12.7 mm (CON – 087 KN)	3 no's			
12.	(a) Supplying and fixing NP short body bib taps Jaquar Con 047 KN of size 12.70 mm dia of make Jaquar heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work	3 No's			
	(b) – do – as above but long body bib taps (Con 107KN - Jaquar)	6 No's			
13.	Supply and fixing of 15 mm dia PVC connection pipe of heavy duty with brass union nuts complete for geyser of standard length (0.62 m app) including cost and conveyance of all materials and labour charges etc. complete for finished item of work as directed.	6 No's			
14.	Supply and fixing of decorative mirror (Belgium) of size 24" x 18" with necessary brackets/ clamps with color full design including cost and conveyance of all materials and labour charges etc. complete for finished item of work as directed.	3 no's			
15.	Supplying and fixing 19 mm (3/4") dia Gunmetal gate valve of Zoloto make of ISI mark heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work for controlling water flow into wash room.	3 No's			

16.	<p>Supplying and fixing white glazed porcelain European water closet (EWC floor mounted type) confirming to IS:2556 with 'P' or 'S' trap including supplying and fixing 10 liters capacity valve less symphonic action type pvc low level cistern confirming to IS:774 with brackets, double flapped seat cover confirming to IS:2548 – Part 1 & 2, 40 mm dia pvc bend, 15 mm dia high density pvc inlet pipe connection, 15 mm dia CP brass angle stop cock (Con 059 KN) etc. with all above of Parryware / Hindware including the cost and conveyance of all materials, labour charges, incidental charges, taxes, duties, levies etc., as approved and directed by Engineer for the finished item of work. (EWC floor mounted with PVC flush tank)</p> <p>a). Model Hindware – Grean – Cat No.20079</p> <p style="text-align: center;">OR</p> <p>b). – do --- for Slick – Cat No.20011 (D-28.5 / P-18)</p> <p style="text-align: center;">OR</p> <p>c). – do – or Universal Cat No.20012 (S-28.5 / P-18)</p>	3 No's			
17.	<p>Providing & fixing (550 x 400 mm) 22" x 16" size Indian make (Hind ware) Cavallo Medio cat No. 91062 white glazed porcelain <u>wash hand basin</u> 15 mm CP brass pillar cock of Jaquar (Can 021 KN) and 1 No. 32 mm dia CP waste coupling (Jaquar ALD705L130), CI brackets, One no. of CP brass Angle stop cock of Jaquar Con 059KN, One No. 15 mm PVC connection with brass union nuts, wooden blocks, with Bottle trap, etc., including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work.</p> <p>a). Model Hindware – Cavallo medio (Cat. No.91062 / 61x47.5)</p> <p style="text-align: center;">OR</p> <p>b). – do – Blamount (Cat No.10073 / 65 x 46)</p>	3 no's			
18.	<p>Supply and fixing of stainless steel tissue paper stand of length 150 mm of standard width (Jaquar AKP35751P) including cost and conveyance of all materials and labour charges etc. complete for finished item of work as directed.</p>	3 no's			

19.	Supply and fixing of 300 mm. sweep exhaust fan of Crompton Greaves / Khaitan including cost and conveyance of all materials, labour charges, hardware with Ms bodies & grill etc complete for finished item of work.	3 No's			
20.	Supply and fixing of MIROLTA Slim 18W TMS 520/118 HF with lamp (Philips make with energy efficient tube, electronic choke) on wall or ceiling with PVC insulated two core flexible copper cable (1.50 sq.m) from terminals to the fitting including necessary fixing materials.	3 no's			
21.	Flooring with Colored Ceramic non-skid curved or Edge cut - Rectified tiles in wash room areas of first quality of approved make Johnson / Kazaria and of minimum size not less than 300 mm x 300 mm and 6 mm thick set over a base coat of Screed bed layer of CM 1:4 of 20 mm thick and grey cement slurry @ 3.3 kg per sq.m including pointing / filling the joint with joint filler of approved make / quality of matching shade complete including cost and conveyance of all materials like cement, sand, water, tiles, white cement, joint filler etc to site, including cost of base coat and all labor charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer curing etc., complete for finished item of work in all floors (Note: The Basic cost of tile = Rs 550/- per 1 sq.m) which includes preparation of floor surface for laying of tiles.	36 sq.m			
22.	Dadoing to walls in wash room areas up to ceiling with colored glazed tiles of minimum size of 300 x 200 mm and of approved design / pattern including necessary border tiles of make Johnson / Kazaria as approved by Engineer using base coat of 20 mm thick CM (1:4) for preparation of surface for pointing/fixing/laying tiles and the joining with joint filler of matching color/shade of tiles including cost and conveyance of all materials like tiles, border tiles and water to work site including cost of base coat, all operational, incidental and labor charges such as mixing, mortar, fixing in position, including lift charges, curing etc., complete for finished item of work (Note: The Basic Cost of tiles = Rs 400/- per one sq.m) which includes preparation of wall surface for laying of dado tiles	54 sq.m			
23.	(a) Painting with Plastic emulsion interior Grade-I Asian painting to ceiling with one coat of primer and two coats of emulsion approved make shade and color including cost and conveyance of all materials like Plastic Emulsion paint of Grade – I to site including cost of brushes and ladders, lift charges and labor charges such as preparing the surface for painting by remove all lose old patches, oil, grease etc. with putty, applying two coats of Plastic Emulsion paint, taxes, duties, levies etc., complete for finished item of work.	8 sq.m			

	(b) Painting two coats with synthetic enamel paint first grade Asian apcolite over a coat of primer of approved shade, quality and make to iron work/wood work including cost and conveyance of all materials to site, and preparation of surface, taxes, duties, levies, incidental, operational and all labor charges etc., complete for finished item of work for toilet doors and frames (front and back side of door and frame).	9 sq.m			
	Subtotal Amount (B) for 1st Floor wash rooms in EFC Building				
C	Renovation of Four wash rooms (1st floor), Admin Building				
i.	Gents wash room (one) near lift side staircase				
1.	Dismantling and clearing of existing tile / mosaic flooring, dado / skirting including removal of plaster on the walls where the dado tiles are to be replaced and dismantling of existing urinals including separators where ever required as directed by Engineer and also preparation of surface for laying of dado tiles from bottom to 7 feet height of the wash room and dismantling material carried out up to ground floor manually and transport to unobjectionable locations outside of the office premises, by using lorry / truck, it includes cost of all labor charges, transport charges, taxes, etc which also includes dismantling of existing EWC's / Indian WC's, Wash basins, towel rods, wooden/ MS/ Aluminum ventilators and all sanitary and plumbing fixtures / fittings including CI / GI pipe lines and also removing of mirrors, light fixtures etc.	LS			
2.	Application of brush bond treatment to sunken slabs, junctions of wall and slab etc., in toilet. Surface preparation of sunken slabs, walls and gutter area by manual or mechanical means to remove loose mortar, laitance, oil and grease etc. and washing the surface thoroughly with water. Providing and laying PCC fillet 75-100 mm rounding at the intersection of roof slab with parapet wall, pipe pedestal etc and after applying a coat of polymer modified mortar of Siskon / Sika Latex Power / Fosroc's Nitobond SBR Latex / Equivalent modified cement slurry bonding coat and elastometric providing and applying two coats of acrylic based electrometric, crack bridging waterproofing coating Sika Top seal 107 (2 part) / Fosroc's high performance electrometric cementation water proofing coating Brush bond RFX or equivalent in 2 coats as per the specification of the manufacturer as approved by the Engineer and finally keeping the water on sunken tanks for 24 hrs for observing the leakages, pressure grouting at all the water dripping areas with leak proof admixture to arrest leakages including cost of all materials , labor charges curing etc. complete for finished item of work. (The work shall be carried out under supervision of a specialized Agency and shall carry a guarantee for 5 years). This also includes filling of light weight concrete (1:2:4) 3" thick over brick bat jally	20 sq.m			

	before tiled flooring for low roofs.				
3.	Supply and fixing of aluminum anodized powder coated ventilator of size 0.71 m x 0.51 m with a box section of 63.5 x 38.1 x 2.1 mm around with suitable louvers and 0.3 m height for provision for fixing of exhaust fan of 300 mm sweep on the top position of the ventilator and intermediate member with a 4 mm thick frosted glass louvers in the bottom portion of the ventilator by removing existing ventilator and plastering on broken wall where ever needed complete for finished item of work including supply and providing SS (304 grade) mesh for ventilator.	1 sq.m			
4	Supply and fixing GI pipe medium grade properties (B class Tata) and weight as per IS 1239 ISI mark in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc including painting (rust proof), with necessary chiseling masonry walls and making good the walls & floors to the original surface and fixing MS clamps with base & royal plugs on walls including cost and conveyance of all materials and labor charges complete for finished item of work including cotton rope insulation for hot water lines. (if any)				
	a) 15 mm diameter	15 rmt			
	b) 19 mm diameter	3 rmt			
	c) 25 mm diameter	10 rmt			
	d) 40 mm diameter	5 rmt			
5.	Supply and fixing of Upvc pipe @ 8kg / sq.cm ISI mark (Sudhakar /prince make) for the drain off the water				

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	from sunken slabs and wash basin including cost and conveyance of all materials, all specials like bends, coupling, reducers and traps etc., sales and other taxes on materials to site, operational & incidental charges including all labor charges for fixing at site etc., complete for finished item of work				
	a) 25 mm diameter	3 rmt			
	b) 32 mm diameter	3 rmt			
	c) 75 mm diameter	3 rmt			
6.	Supply and fixing of CP Jallis along with suitable PVC gulli trap with accessories as directed including cost and conveyance of all materials, labour charges etc complete for finished item of work.	5 no's			
7.	Supply and fixing of health faucet Jaquar ALD 573 along with NP short body 2 way bib tap of size 12.7 mm dia of make Jaquar heavy duty Con 041 KN including cost and conveyance of all materials, labor charges etc. complete for finished item of work with necessary GI fittings	2 no's			
8.	Supplying and fixing of 25 mm dia, 0.61 m long Stainless steel towel rods with brackets and MS powder coated screws including cost and conveyance of all materials, labor charges etc., complete for finished item of work. (Jaquar AQN 7711)	One			
9.	Supply and fixing of stainless steel tissue paper stand of length 150 mm of standard width (Jaquar AKP35751P) including cost and conveyance of all materials, labour charges etc complete for finished item of work.	2 no's			
10.	Supply and fixing of soap dispenser with support stand with NP screws etc., complete including cost and conveyance of all materials, labor charges for fixing, screws etc., complete for finished item of work. (Model AKP35735P)	2 no's			

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11.	Supply and fixing of decorative mirror (Belgium) of size 24" x 18" with necessary brackets/ clamps with color full design including cost and conveyance of all materials, labour charges etc complete for finished item of work.	2 no's			
12.	Supplying and fixing 19 mm (3/4") dia Gunmetal gate valve of Zoloto make of ISI mark heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work for controlling water flow into wash room.	One			
13.	Supplying and fixing white glazed porcelain European water closet (EWC floor mounted type) confirming to IS:2556 with 'P' or 'S' trap including supplying and fixing 10 liters capacity valve less symphonic action type pvc low level cistern confirming to IS:774 with brackets, double flapped seat cover confirming to IS:2548 – Part 1 & 2, 40 mm dia pvc bend, 15 mm dia high density pvc inlet pipe connection, 15 mm dia CP brass angle stop cock (Con 059 KN) etc. with all above of Parry ware / Hindware including the cost and conveyance of all materials, labour charges, incidental charges, taxes, duties, levels etc., as approved and directed by Engineer for the finished item of work.(EWC floor mounted with PVC flush tank)	One			
	a). Model Hindware – Grean – Cat No.20079 OR				
	b). – do --- for Slick – Cat No.20011 (D-28.5 / P-18) OR				
	c). – do – or universal Cat No.20012 (S-28.5 / P-18)				
14.	Supply and fixing of white colour Indian WC with P/ S trap, with 10 liters pvc flush tank Hindware wave and pvc pipe connections concealed type, cp brass angle stop cock (Con 059KN) complete set including cost and conveyance of all materials, labour charges, transport etc. complete for finished item of work.	One			
	a). Hindware model Orissa pan grace (Cat No. 20090, 53 x 41) OR				

	b). – do – Acupan (Cat No. 20076, 58 x 44)				
15.	Providing & fixing (550 x 400 mm) 22” x 16” size Indian make (Hind ware) Cavallo Medio cat No. 91062 white glazed porcelain wash hand basin 15 mm CP brass pillar cock of Jaquar (Con 021 KN) and 1 No. 32 mm dia CP waste coupling (Jaquar ALD705L130), CI brackets, One no. of CP brass Angle stop cock of Jaquar Con 059KN , One No. 15 mm PVC connection with brass union nuts, wooden blocks, with Bottle trap, etc., including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work.	2 no's			
	a). Model Hindware – Cavallo medio (Cat. No.91062 / 61 x 47.5) OR				
	b). – do – Balmount (Cat No.10073 / 65 x 46)				
16.	Supply and fixing of Concealed stop cock for urinals including cost and conveyance of all materials, labour charges etc complete for finished item of work as directed	2 no's			
17.	(a) Supplying and fixing NP short body bib taps Jaquar Con 047 KN of size 12.70 mm dia of make Jaquar heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work	One			
	(b) – do – as above but long body bib taps (Con 107KN - Jaquar)	One			
18.	Supply and fixing of 300 mm. sweep exhaust fan of Crompton Greaves / Khaitan including cost and conveyance of all materials, labour charges, hardware with Ms bodies & grill etc complete for finished item of work.	2 no's			

19.	Supply and fixing of MIROLTA Slim 18W TMS 520/118 HF with lamp (Philips make with energy efficient tube, electronic choke) on wall or ceiling with PVC insulated two core flexible copper cable (1.50 sq.m) from terminals to the fitting including necessary fixing materials.	2 no's			
19.	Supply and fixing of urinal unit (flat back large 60002 – Hindware Vitreous) with waste coupling (F850002) full thread with nozzle and also concealed stop cock (Con 087KN), bottle trap etc complete set including cost and conveyance of all necessary fixing materials, labour charges, transport etc complete set of finished item of work as directed	2 no's			
	a). Flat Black large (60002) OR				
	b). Eureka (60020) OR				
	c). Riva (96003)				
20.	a).Supply and installation of urinal partitions glass (Frosted safety glass 8 mm thick) separator of size 900 mm H x 450 mm W with necessary support chromium plated brackets including cost and conveyance of all materials, labour charges etc complete for finished item of work as directed. (Jaquar Model No. 1810 – US)	One			
	b). Reinstallation of existing urinal marble/ granite separators with necessary MS powder coated U shape bracket with two legs including cost and conveyance of all materials, labour charges etc complete finished item of work	One			
21.	Flooring with Colored Ceramic non-skid curved or Edge cut - Rectified tiles in wash room areas of first quality of approved make Johnson / Kazaria and of minimum size not less than 300 mm x 300 mm and 6 mm thick set over a base coat of Screed bed layer of CM 1:4 of 20 mm thick and grey cement slurry @ 3.3 kg per sq.m including pointing / filling the joint with joint filler of approved make / quality of matching shade complete including cost and conveyance of all materials like cement, sand, water, tiles, white cement, joint filler etc to	7.5 sq.m			

	site, including cost of base coat and all labor charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer curing etc., complete for finished item of work in all floors (Note: The Basic cost of tile = Rs 550/- per 1 sq.m) which includes preparation of floor surface for laying of tiles.				
22.	Dadoing to walls in wash room areas up to ceiling with colored glazed tiles of minimum size of 300 x 200 mm and of approved design / pattern including necessary border tiles of make Johnson / Kazaria as approved by Engineer using base coat of 20 mm thick CM (1:4) for preparation of surface for pointing/fixing/laying tiles and the joining with joint filler of matching color/shade of tiles including cost and conveyance of all materials like tiles, border tiles and water to work site including cost of base coat, all operational, incidental and labor charges such as mixing, mortar, fixing in position, including lift charges, curing etc., complete for finished item of work (Note: The Basic Cost of tiles = Rs 400/- per one sq.m) which includes preparation of wall surface for laying of dado tiles	40 sq.m			
23.	(a) Painting with Plastic emulsion interior Grade-I Asian painting to ceiling with one coat of primer and two coats of emulsion approved make shade and color including cost and conveyance of all materials like Plastic Emulsion paint of Grade – I to site including cost of brushes and ladders, lift charges and labor charges such as preparing the surface for painting by remove all lose old patches, oil, grease etc. with putty, applying two coats of Plastic Emulsion paint, taxes, duties, levies etc., complete for finished item of work.	25 sq.m			
	(b) Painting two coats with synthetic enamel paint first grade Asian apcolite over a coat of primer of approved shade, quality and make to iron work/wood work including cost and conveyance of all materials to site, and preparation of surface, taxes, duties, levies, incidental, operational and all labor charges etc., complete for finished item of work for toilet doors and frames (front and back side of door and frame).	15 sq.m			
	Subtotal Amount (C-i) for Gents wash room near lift side staircase				
ii	Ladies wash room 1st floor near lift side staircase				
1.	Dismantling and clearing of existing tile / mosaic flooring, dado / skirting including removal of plaster on the walls where the dado tiles are to be replaced where ever required as directed by Engineer and also preparation of surface for laying of dado tiles from bottom to 7 feet height of the wash room and dismantling material carried out up to ground floor manually and transport to unobjectionable locations outside of the office premises, by using lorry / truck, it includes cost of all labor charges, transport charges, taxes, etc which	LS			

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	also includes dismantling of existing EWC's / Indian WC's, Wash basins, towel rods, MS/ wooden / Aluminum ventilators and all sanitary and plumbing fixtures / fittings including CI / GI pipe lines and also removing of mirrors, light fixtures etc.				
2.	Application of brush bond treatment to sunken slabs, junctions of wall and slab etc., in toilet. Surface preparation of sunken slabs, walls and gutter area by manual or mechanical means to remove loose mortar, laitance, oil and grease etc. and washing the surface thoroughly with water. Providing and laying PCC fillet 75-100 mm rounding at the intersection of roof slab with parapet wall, pipe pedestal etc and after applying a coat of polymer modified mortar of Siskon / Sika Latex Power / Fosroc's Nitobond SBR Latex / Equivalent modified cement slurry bonding coat and elastometric providing and applying two coats of acrylic based electrometric, crack bridging waterproofing coating Sika Top seal 107 (2 part) / Fosroc's high performance electrometric cementation water proofing coating Brush bond RFX or equivalent in 2 coats as per the specification of the manufacturer as approved by the Engineer and finally keeping the water on sunken tanks for 24 hrs for observing the leakages, pressure grouting at all the water dripping areas with leak proof admixture to arrest leakages including cost of all materials , labor charges curing etc. complete for finished item of work. (The work shall be carried out under supervision of a specialized Agency and shall carry a guarantee for 5 years). This also includes filling of light weight concrete (1:2:4) 3" thick over brick bat jally before tiled flooring for low roofs	18 sq.m			
3.	Supply and fixing of aluminum anodized powder coated ventilator of size 0.71 m x 0.51 m with a box section of 63.5 x 38.1 x 2.1 mm around with suitable louvers and 0.3 m height for provision for fixing of exhaust fan of 300 mm sweep on the top position of the ventilator and intermediate member with a 4 mm thick frosted glass louvers in the bottom portion of the ventilator by removing existing ventilator and plastering on broken wall where ever needed complete for finished item of work including supply and providing SS (304 grade) mesh for ventilator.	1.1 sq.m			
4	Supply and fixing GI pipe medium grade properties (B class Tata) and weight as per IS 1239 ISI mark in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc including painting (rust proof), with necessary chiseling masonry walls and making good the walls & floors to the original surface and fixing MS clamps with base & royal plugs on walls including cost and conveyance of all materials and labor charges complete for finished item of work including cotton rope insulation for hot water lines. (if any)				

	a) 15 mm diameter	15 rmt			
	b) 19 mm diameter	5 rmt			
	c) 25 mm diameter	10 rmt			
	d) 40 mm diameter	4 rmt			
5.	Supply and fixing of Upvc pipe @ 8kg / sq.cm ISI mark (Sudhakar /prince make) for the drain off the water from sunken slabs and wash basin including cost and conveyance of all materials, all specials like bends, couplings, reducers and traps etc., sales and other taxes on materials to site, operational & incidental charges including all labor charges for fixing at site etc., complete for finished item of work				
	a) 25 mm diameter	8 rmt			
	b) 32 mm diameter	5 rmt			
	c) 75 mm diameter	3 rmt			
6.	Supply and fixing of CP Jallis along with suitable PVC gulli trap with accessories as directed including cost and conveyance of all materials, labour charges etc complete for finished item of work as directed.	3 no's			

7.	Supply and fixing of health faucet Jaquar ALD 573 along with NP short body 2 way bib tap of size 12.7 mm dia of make Jaquar heavy duty Con 041 KN including cost and conveyance of all materials, labor charges etc. complete for finished item of work with necessary GI fittings	2 no's			
8.	Supply and fixing of soap dispenser with support stand with NP screws etc., complete including cost and conveyance of all materials, labor charges for fixing, screws etc., complete for finished item of work. (Jaquar Model AKP35735P)	One			
9.	Supplying and fixing of 25 mm dia, 0.61 m long Stainless steel towel rods with brackets and MS powder coated screws including cost and conveyance of all materials, labor charges etc., complete for finished item of work. (Jaquar AQN 7711)	One			
10.	Supply and fixing of stainless steel tissue paper stand of length 150 mm of standard width (Jaquar AKP35751P) including cost and conveyance of all materials, labour charges etc complete for finished item of work as directed.	One			
11.	Supply and fixing of decorative mirror (Belgium) of size 24" x 18" with necessary brackets/ clamps with color full design including cost and conveyance of all materials, labour charges etc complete for finished item of work as directed.	One			
12.	Supplying and fixing 19 mm (3/4") dia Gunmetal gate valve of Zoloto make of ISI mark heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work for controlling water flow into wash room.	One			
13.	Supplying and fixing white glazed porcelain European water closet (EWC floor mounted type) confirming to IS:2556 with 'P' or 'S' trap including supplying and fixing 10 liters capacity valve less symphonic action type pvc low level cistern confirming to IS:774 with brackets, double flapped seat cover confirming to IS:2548 – Part 1 & 2, 40 mm dia pvc bend, 15 mm dia high density pvc inlet pipe connection, 15 mm dia CP brass angle stop cock (Con 059 KN) etc. with all above of Parryware / Hindware including the cost and conveyance of all materials, labour charges, incidental charges, taxes, duties, levis etc., as approved and directed by Engineer for the finished item of work. (EWC floor mounted with PVC flush tank)	One			
	a). Model Hindware – Grean – Cat No.20079				
	OR				

	<p>b). – do --- for Slick – Cat No.20011 (D-28.5 / P-18)</p> <p style="text-align: center;">OR</p>				
	<p>c). – do – or universal Cat No.20012 (S-28.5 / P-18)</p>				
14.	<p>Supply and fixing of white colour Indian WC with P/ S traps, with 10 liters pvc flush tank Jaquar ware and pvc pipe connections concealed type, cp brass angle stop cock (Con 059KN) complete set including cost and conveyance of all materials, labour charges, transport etc. complete for finished item of work. (Hindware Orissa pan (grace - 20090))</p>	One			
	<p>a). Hindware model Orissa pan grace (Cat No. 20090, 53 x 41)</p> <p style="text-align: center;">OR</p>				
	<p>b). – do – Acupan (Cat No. 20076, 58/44)</p>				
15.	<p>Providing & fixing (550 x 400 mm) 22" x 16" size Indian make (Hind ware) Cavallo Medio con No. 91062 white glazed porcelain wash hand basin 15 mm CP brass pillar cock of Jaquar (Can 021 KN) and 1 No. 32 mm dia CP waste coupling (Jaquar ALD705L130), CI brackets, One no. of CP brass Angle stop cock of Jaquar Con 059KN, One No. 15 mm PVC connection with brass union nuts, wooden blocks, with Bottle trap, etc., including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work.</p>	One			
	<p>a). Model Hindware – Cavallo medio (Cat. No.91062 / 61 x 47.5)</p> <p style="text-align: center;">OR</p>				

	b). – do – Balmount (Cat No.10073 / 65 x 46)				
16.	Supply and fixing of 300 mm. sweep exhaust fan of Crompton Greaves / Khaitan including cost and conveyance of all materials, labour charges, hardware with Ms bodies with grill etc complete for finished item of work.	2 No's			
17.	Supply and fixing of MIROLTA Slim 18W TMS 520/118 HF with lamp (Philips make with energy efficient tube, electronic choke) on wall or ceiling with PVC insulated two core flexible copper cable (1.50 sq.m) from terminals to the fitting including necessary fixing materials.	2 no's			
18.	Flooring with Colored Ceramic non-skid curved or Edge cut - Rectified tiles in wash room areas of first quality of approved make Johnson / Kazaria and of minimum size not less than 300 mm x 300 mm and 6 mm thick set over a base coat of Screed bed layer of CM 1:4 of 20 mm thick and grey cement slurry @ 3.3 kg per sq.m including pointing / filling the joint with joint filler of approved make / quality of matching shade complete including cost and conveyance of all materials like cement, sand, water, tiles, white cement, joint filler etc to site, including cost of base coat and all labor charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer curing etc., complete for finished item of work in all floors (Note: The Basic cost of tile = Rs 550/- per 1 sq.m) which includes preparation of floor surface for laying of tiles.	12 sq.m			
19.	Dadoing to walls in wash room areas up to ceiling with colored glazed tiles of minimum size of 300 x 200 mm and of approved design / pattern including necessary border tiles of make Johnson / Kazaria as approved by Engineer using base coat of 20 mm thick CM (1:4) for preparation of surface for pointing/fixing/laying tiles and the joining with joint filler of matching color/ shade of tiles including cost and conveyance of all materials like tiles, border tiles and water to work site including cost of base coat, all operational, incidental and labor charges such as mixing, mortar, fixing in position, including lift charges, curing etc., complete for finished item of work (Note: The Basic Cost of tiles = Rs 400/- per one sq.m) which includes preparation of wall surface for laying of dado tiles	40 sq.m			
20.	(a) Painting with Plastic emulsion interior Grade-I Asian painting to ceiling with one coat of primer and two coats of emulsion approved make shade and color including cost and conveyance of all materials like Plastic Emulsion paint of Grade – I to site including cost of brushes and ladders, lift charges and labor charges such as preparing the surface for painting by remove all lose old patches, oil, grease etc. with putty, applying two coats of Plastic Emulsion paint, taxes, duties, levies etc., complete for finished item of work.	30 sq.m			

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	(b) Painting two coats with synthetic enamel paint first grade Asian apcolite over a coat of primer of approved shade, quality and make to iron work/wood work including cost and conveyance of all materials to site, and preparation of surface, taxes, duties, levies, incidental, operational and all labor charges etc., complete for finished item of work for toilet doors and frames (front and back side of door and frame)	15 sq.m			
	Subtotal amount (C- ii) for Ladies wash room near lift side staircase, 1st floor				
iii	Gents wash room near rear side entrance,1st floor				
1.	Dismantling and clearing of existing tile / mosaic flooring, dado / skirting including removal of plaster on the walls where the dado tiles are to be replaced and dismantling of existing urinals including Granite / marble partitions where ever required as directed by Engineer and also preparation of surface for laying of dado tiles from bottom to 7 feet height of the wash room and dismantling material carried out up to ground floor manually and transport to unobjectionable locations outside of the office premises, by using lorry / truck, it includes cost of all labor charges, transport charges, taxes, etc which also includes dismantling of existing EWC / Indian WC, Wash basin, towel rod, MS/ wooden / Aluminum ventilator and all sanitary and plumbing fixtures/ fittings including CI / GI pipe line and also removing of mirror, light fixtures etc	LS			
2.	Application of brush bond treatment to sunken slabs, junctions of wall and slab etc., in toilet. Surface preparation of sunken slabs, walls and gutter area by manual or mechanical means to remove loose mortar, laitance, oil and grease etc. and washing the surface thoroughly with water. Providing and laying PCC fillet 75-100 mm rounding at the intersection of roof slab with parapet wall, pipe pedestal etc and after applying a coat of polymer modified mortar of Siskon / Sika Latex Power / Fosroc's Nitobond SBR Latex / Equivalent modified cement slurry bonding coat and elastometric providing and applying two coats of acrylic based electrometric, crack bridging waterproofing coating Sika Top seal 107 (2 part) / Fosroc's high performance electrometric cementation water proofing coating Brush bond RFX or equivalent in 2 coats as per the specification of the manufacturer as approved by the Engineer and finally keeping the water on sunken tanks for 24 hrs for observing the leakages, pressure grouting at all the water dripping areas with leak proof admixture to arrest leakages including cost of all materials , labor charges curing etc. complete for finished item of work. (The work shall be carried out under supervision of a specialized Agency and shall carry a guarantee for 5 years). This also includes filling of light weight concrete (1:2:4) 3" thick over brick bat jally before tiled flooring for low roofs	25 sq.m			

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3.	Supply and fixing of aluminum anodized powder coated ventilator of size 0.71 m x 0.51 m with a box section of 63.5 x 38.1 x 2.1 mm around with suitable louvers and 0.3 m height for provision for fixing of exhaust fan of 300 mm sweep on the top position of the ventilator and intermediate member with a 4 mm thick frosted glass louvers in the bottom portion of the ventilator by removing existing ventilator and plastering on broken wall where ever needed complete for finished item of work including supply and providing SS (304 grade) mesh for ventilator.	1.85 sq.m			
4	Supply and fixing GI pipe medium grade properties (B class Tata) and weight as per IS 1239 ISI mark in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc including painting (rust proof), with necessary chiseling masonry walls and making good the walls & floors to the original surface and fixing MS clamps with base & royal plugs on walls including cost and conveyance of all materials and labor charges complete for finished item of work including cotton rope insulation for hot water lines. (if any)				
	a) 15 mm diameter	15 rmt			
	b) 19 mm diameter	10 rmt			
	c) 25 mm diameter	8 rmt			
	d) 40 mm diameter	5 rmt			
5.	Supply and fixing of Upvc pipe @ 8kg / sq.cm ISI mark (Sudhakar /prince make) for the drain off the water from sunken slabs and wash basin including cost and conveyance of all materials, all specials like bends, couplings, reducers and traps etc., sales and other taxes on materials to site, operational & incidental charges including all labor charges for fixing at site etc., complete for finished item of work				

	a) 25 mm diameter	10 rmt			
	b) 32 mm diameter	8 rmt			
	c) 75 mm diameter	5 rmt			
6.	Supply and fixing of CP Jallis along with suitable PVC gulli trap with accessories as directed including cost and conveyance of all materials, labour charges, taxes etc. complete for finished item of work as directed.	4 no's			
7.	Supply and fixing of health faucet Jaquar ALD 573 along with NP short body 2 way bib tap of size 12.7 mm dia of make Jaquar heavy duty Con 041 KN including cost and conveyance of all materials, labor charges etc. complete for finished item of work with necessary GI fittings	One			
8.	Supplying and fixing of 25 mm dia, 0.61 m long Stainless steel towel rod with brackets and MS powder coated screws including cost and conveyance of all materials, labor charges etc., complete for finished item of work. (Jaquar AQN 7711)	One			
9.	Supply and fixing of stainless steel tissue paper stand of length 150 mm of standard width (Jaquar AKP35751P) including cost and conveyance of all materials, labour charges, taxes etc. complete for finished item of work as directed.	One			
10	Supply and fixing of soap dispenser with support stand with NP screws etc., complete including cost and conveyance of all materials, labor charges for fixing, screws etc., complete for finished item of work. (Jaquar Model AKP35735P)	2 no's			

11.	Supply and fixing of decorative mirror (Belgium) of size 24" x 18" with necessary brackets/ clamps with color full design including cost and conveyance of all materials, labour charges, taxes etc. complete for finished item of work as directed.	2 no's			
12.	Supplying and fixing 19 mm (3/4") dia Gunmetal gate valve of Zoloto make of ISI mark heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work for controlling water flow into wash room.	One			
13.	Supplying and fixing white glazed porcelain European water closet (EWC floor mounted type) confirming to IS:2556 with 'P' or 'S' trap including supplying and fixing 10 liters capacity valve less symphonic action type pvc low level cistern confirming to IS:774 with brackets, double flapped seat cover confirming to IS:2548 – Part 1 & 2, 40 mm dia pvc bend, 15 mm dia high density pvc inlet pipe connection, 15 mm dia CP brass angle stop cock (Con 059 KN) etc. with all above of Parryware / Hindware including the cost and conveyance of all materials, labour charges, incidental charges, taxes, duties, levis etc., as approved and directed by Engineer for the finished item of work. (EWC floor mounted with PVC flush tank)	One			
	a). Model Hindware – Grean – Cat No.20079 OR				
	b). – do --- for Slick – Cat No.20011 (D-28.5 / P-18) OR				
	c). – do – or universal Cat No.20012 (S-28.5 / P-18)				

14.	Providing & fixing (550 x 400 mm) 22" x 16" size Indian make (Hind ware) Cavallo Medio con No. 91062 white glazed porcelain wash hand basin 15 mm CP brass pillar cock of Jaquar (Can 021 KN) and 1 No. 32 mm dia CP waste coupling (Jaquar ALD705L130), CI brackets, One no. of CP brass Angle stop cock of Jaquar Con 059KN , One No. 15 mm PVC connection with brass union nuts, wooden blocks, with Bottle trap, etc., including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work.	2 no's			
	a). Model Hindware – Cavallo medio (Cat. No.91062 / 61x47.5) OR				
	b). – do – Balmount (Cat No.10073 / 65 x 46)				
15.	Supply and fixing of 300 mm. sweep exhaust fan of Crompton Greaves / Khaitan including cost and conveyance of all materials, labour charges, hardware with Ms bodies with grill etc complete for finished item of work.	3 No's			
16.	Supply and fixing of MIROLTA Slim 18W TMS 520/118 HF with lamp (Philips make with energy efficient tube, electronic choke) on wall or ceiling with PVC insulated two core flexible copper cable (1.50 sq.m) from terminals to the fitting including necessary fixing materials.	2 no's			
17.	Flooring with Colored Ceramic non-skid curved or Edge cut - Rectified tiles in wash room areas of first quality of approved make Johnson / Kazaria and of minimum size not less than 300 mm x 300 mm and 6 mm thick set over a base coat of Screed bed layer of CM 1:4 of 20 mm thick and grey cement slurry @ 3.3 kg per sq.m including pointing / filling the joint with joint filler of approved make / quality of matching shade complete including cost and conveyance of all materials like cement, sand, water, tiles, white cement, joint filler etc to site, including cost of base coat and all labor charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer curing etc., complete for finished item of work in all floors (Note: The Basic cost of tile = Rs 550/- per 1 sq.m) which includes preparation of floor surface for laying of tiles.	15 sq.m			
18.	Dadoing to walls in wash room areas up to ceiling with colored glazed tiles of minimum size of 300 x 200 mm	60 sq.m			

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	and of approved design / pattern including necessary border tiles of make Johnson / Kazaria as approved by Engineer using base coat of 20 mm thick CM (1:4) for preparation of surface for pointing/fixing/laying tiles and the joining with joint filler of matching color/shade of tiles including cost and conveyance of all materials like tiles, border tiles and water to work site including cost of base coat, all operational, incidental and labor charges such as mixing, mortar, fixing in position, including lift charges, curing etc., complete for finished item of work (Note: The Basic Cost of tiles = Rs 400/- per one sq.m) which includes preparation of wall surface for laying of dado tiles				
19.	(a) Painting with Plastic emulsion interior Grade-I Asian painting to ceiling with one coat of primer and two coats of emulsion approved make shade and color including cost and conveyance of all materials like Plastic Emulsion paint of Grade – I to site including cost of brushes and ladders, lift charges and labor charges such as preparing the surface for painting by remove all lose old patches, oil, grease etc. with putty, applying two coats of Plastic Emulsion paint, taxes, duties, levies etc., complete for finished item of work.	40 sq.m			
	(b) Painting two coats with synthetic enamel paint first grade Asian apcolite over a coat of primer of approved shade, quality and make to iron work/wood work including cost and conveyance of all materials to site, and preparation of surface, taxes, duties, levies, incidental, operational and all labor charges etc., complete for finished item of work for toilet doors and frames (front and back side of door and frame).	10 sq.m			
20.	Supply and fixing of urinal unit (flat back large 60002 – Hindware Vitreous) with waste coupling (F850002) full thread with nozzle and also concealed stop cock (Con 087KN), bottle trap etc complete set including cost and conveyance of all necessary fixing materials, labour charges, transport etc complete set of finished item of work as directed	6 no's			
	a). Flat Black large (60002) OR				
	b). Eureka (60020) OR				
	c). Riva (96003)				

21.	a).Supply and installation of urinal partitions glass (Frosted safety glass 8 mm thick) separator of size 900 mm H x 450 mm W with necessary support chromium plated brackets including cost and conveyance of all materials, labour charges etc complete for finished item of work as directed. (Jaquar Model No. 1810 – US)	6 no's			
	b). Reinstallation of existing urinal marble/ granite separators with necessary MS powder coated U shape bracket with two legs including cost and conveyance of all materials, labour charges etc complete finished item of work	6 no's			
Subtotal amount (C-iii) for Gents wash room, 1st floor (rear side entrance)					
iv	Ladies wash room near rear side staircase, 1st floor				
1.	Dismantling and clearing of existing tile / mosaic flooring, dado / skirting including removal of plaster on the walls where the dado tiles are to be replaced where ever required as directed by Engineer and also preparation of surface for laying of dado tiles from bottom to 7 feet height of the wash room and dismantling material carried out up to ground floor manually and transport to unobjectionable locations outside of the office premises, by using lorry / truck, it includes cost of all labor charges, transport charges, taxes, etc which also includes dismantling of existing EWC's / Indian WC's, Wash basins, towel rods, wooden, MS/ Aluminum ventilators and all sanitary and plumbing fixtures / fittings including CI / GI pipe lines and also removing of mirrors, light fixtures etc.	LS			
2.	Application of brush bond treatment to sunken slabs, junctions of wall and slab etc., in toilet. Surface preparation of sunken slabs, walls and gutter area by manual or mechanical means to remove loose mortar, laitance, oil and grease etc. and washing the surface thoroughly with water. Providing and laying PCC fillet 75-100 mm rounding at the intersection of roof slab with parapet wall, pipe pedestal etc and after applying a coat of polymer modified mortar of Siskon / Sika Latex Power / Fosroc's Nitobond SBR Latex / Equivalent modified cement slurry bonding coat and elastometric providing and applying two coats of acrylic based electrometric, crack bridging waterproofing coating Sika Top seal 107 (2 part) / Fosroc's high performance electrometric cementation water proofing coating Brush bond RFX or equivalent in 2 coats as per the specification of the manufacturer as approved by the Engineer and finally keeping the water on sunken tanks for 24 hrs for observing the leakages, pressure grouting at all the water dripping areas with leak proof admixture to arrest leakages including cost of all materials , labor charges curing etc. complete for finished item of work. (The work shall be carried out under supervision of a specialized Agency and shall carry a	12 sq.m			

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	guarantee for 5 years). This also includes filling of light weight concrete (1:2:4) 3" thick over brick bat jally before tiled flooring for low roofs				
3.	Supply and fixing of aluminum anodized powder coated ventilator of size 0.71 m x 0.51 m with a box section of 63.5 x 38.1 x 2.1 mm around with suitable louvers and 0.3 m height for provision for fixing of exhaust fan of 300 mm sweep on the top position of the ventilator and intermediate member with a 4 mm thick frosted glass louvers in the bottom portion of the ventilator by removing existing ventilator and plastering on broken wall where ever needed complete for finished item of work including supply and providing SS (304 grade) mesh for ventilator.	0.6 sq.m			
4	Supply and fixing GI pipe medium grade properties (B class Tata) and weight as per IS 1239 ISI mark in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc including painting (rust proof), with necessary chiseling masonry walls and making good the walls & floors to the original surface and fixing MS clamps with base & royal plugs on walls including cost and conveyance of all materials and labor charges complete for finished item of work including cotton rope insulation for hot water lines. (if any)				
	a) 15 mm diameter	15 rmt			
	b) 19 mm diameter	10 rmt			
	c) 25 mm diameter	8 rmt			
	d) 40 mm diameter	5 rmt			
5.	Supply and fixing of Upvc pipe @ 8kg / sq.cm ISI mark (Sudhakar /prince make) for the drain off the water from sunken slabs and wash basin including cost and conveyance of all materials, all specials like bends, couplings, reducers and traps etc., sales and other taxes on materials to site, operational & incidental charges				

	including all labor charges for fixing at site etc., complete for finished item of work				
	a) 25 mm diameter	10 rmt			
	b) 32 mm diameter	8 rmt			
	c) 75 mm diameter	5 rmt			
6.	Supply and fixing of CP Jallis along with suitable PVC gulli trap with accessories as directed including cost and conveyance of all materials, labour charges, taxes etc complete for finished item of work as directed.	2 no's			
7.	Supply and fixing of health faucet Jaquar ALD 573 along with NP short body 2 way bib tap of size 12.7 mm dia of make Jaquar heavy duty Con 041 KN including cost and conveyance of all materials, labor charges etc. complete for finished item of work with necessary GI fittings	One			
8.	Supply and fixing of soap dispenser with support stand with NP screws etc., complete including cost and conveyance of all materials, labor charges for fixing, screws etc., complete for finished item of work. (Jaquar Model AKP35735P)	One			
9.	Supplying and fixing of 25 mm dia, 0.61 m long Stainless steel towel rod with brackets and MS powder coated screws including cost and conveyance of all materials, labor charges etc., complete for finished item of work. (Jaquar AQN 7711)	One			

10.	Supply and fixing of stainless steel tissue paper stand of length 150 mm of standard width (Jaquar AKP35751P) including cost and conveyance of all materials, labour charges, taxes etc complete for finished item of work as directed.	One			
11.	Supply and fixing of decorative mirror (Belgium) of size 24" x 18" with necessary brackets/ clamps with color full design including cost and conveyance of all materials, labour charges, taxes etc complete for finished item of work as directed.	One			
12.	Supplying and fixing 19 mm (3/4") dia Gunmetal gate valve of Zoloto make of ISI mark heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work for controlling water flow into wash room.	One			
13.	Supplying and fixing white glazed porcelain European water closet (EWC floor mounted type) confirming to IS:2556 with 'P' or 'S' trap including supplying and fixing 10 liters capacity valve less symphonic action type pvc low level cistern confirming to IS:774 with brackets, double flapped seat cover confirming to IS:2548 – Part 1 & 2, 40 mm dia pvc bend, 15 mm dia high density pvc inlet pipe connection, 15 mm dia CP brass angle stop cock (Con 059 KN) etc. with all above of Parryware / Hindware including the cost and conveyance of all materials, labour charges, incidental charges, taxes, duties, levis etc., as approved and directed by Engineer for the finished item of work. (EWC floor mounted with PVC flush tank)	One			
	a). Model Hindware – Grean – Cat No.20079 OR				
	b). – do --- for Slick – Cat No.20011 (D-28.5 / P-18) OR				
	c). – do – or universal Cat No.20012 (S-28.5 / P-18)				

14.	<p>Providing & fixing (550 x 400 mm) 22" x 16" size Indian make (Hind ware) Cavallo Medio con No. 91062 white glazed porcelain wash hand basin 15 mm CP brass pillar cock of Jaquar (Con 021 KN) and 1 No. 32 mm dia CP waste coupling (Jaquar ALD705L130), CI brackets, One no. of CP brass Angle stop cock of Jaquar Con 059KN, One No. 15 mm PVC connection with brass union nuts, wooden blocks, with Bottle trap, etc., including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work.</p>	One			
	<p>a). Model Hindware – Cavallo medio (Cat. No.91062 / 61 x 47.5)</p> <p style="text-align: center;">OR</p>				
	<p>b). – do – Balmount (Cat No.10073 / 65 x 46)</p>				
15.	<p>Supply and fixing of 300 mm. sweep exhaust fan of Crompton Greaves / Khaitan including cost and conveyance of all materials, labour charges, hard ware with MS bodies with grill etc complete for finished item of work.</p>	One			
16.	<p>Supply and fixing of MIROLTA Slim 18W TMS 520/118 HF with lamp (Philips make with energy efficient tube, electronic choke) on wall or ceiling with PVC insulated two core flexible copper cable (1.50 sq.m) from terminals to the fitting including necessary fixing materials.</p>	One			
17.	<p>Flooring with Colored Ceramic non-skid curved or Edge cut - Rectified tiles in wash room areas of first quality of approved make Johnson / Kazaria and of minimum size not less than 300 mm x 300 mm and 6 mm thick set over a base coat of Screed bed layer of CM 1:4 of 20 mm thick and grey cement slurry @ 3.3 kg per sq.m including pointing / filling the joint with joint filler of approved make / quality of matching shade complete including cost and conveyance of all materials like cement, sand, water, tiles, white cement, joint filler etc to site, including cost of base coat and all labor charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer curing etc., complete for finished item of work in all floors (Note: The Basic cost of tile = Rs 550/- per 1 sq.m) which includes preparation of floor surface for laying of tiles.</p>	8 sq.m			

18.	Dadoing to walls in wash room areas up to ceiling with colored glazed tiles of minimum size of 300 x 200 mm and of approved design / pattern including necessary border tiles of make Johnson / Kazaria as approved by Engineer using base coat of 20 mm thick CM (1:4) for preparation of surface for pointing/fixing/laying tiles and the joining with joint filler of matching color/shade of tiles including cost and conveyance of all materials like tiles, border tiles and water to work site including cost of base coat, all operational, incidental and labor charges such as mixing, mortar, fixing in position, including lift charges, curing etc., complete for finished item of work (Note: The Basic Cost of tiles = Rs 400/- per one sq.m) which includes preparation of wall surface for laying of dado tiles	30 sq.m			
19.	(a) Painting with Plastic emulsion interior Grade-I Asian painting to ceiling with one coat of primer and two coats of emulsion approved make shade and color including cost and conveyance of all materials like Plastic Emulsion paint of Grade – I to site including cost of brushes and ladders, lift charges and labor charges such as preparing the surface for painting by remove all lose old patches, oil, grease etc. with putty, applying two coats of Plastic Emulsion paint, taxes, duties, levies etc., complete for finished item of work.	20 sq.m			
	(b) Painting two coats with synthetic enamel paint first grade Asian apcolite over a coat of primer of approved shade, quality and make to iron work/wood work including cost and conveyance of all materials to site, and preparation of surface, taxes, duties, levies, incidental, operational and all labor charges etc., complete for finished item of work for toilet doors and frames (front and back side of door and frame).	10 sq.m			
	Subtotal amount (C-iv) for Ladies wash room in 1st floor near rear side staircase				
	Total Amount (C – i + ii + iii + iv)				
D	Renovation of three wash rooms in 2nd floor, Admin Building				
i.	Re-modeling of Gents & Ladies wash room into Gents wash room near lift side stair case				

1.	Dismantling and clearing of existing tile / mosaic flooring, dado / skirting including removal of plaster on the walls where the dado tiles are to be replaced and dismantling of existing urinals including Granite / marble partitions where ever required as directed by Engineer and also preparation of surface for laying of dado tiles from bottom to 7' height of the wash room and dismantling material carried out up to ground floor manually and transport to unobjectionable locations outside of the office premises, by using lorry / truck, it includes cost of all labor charges, transport charges, taxes, etc which also includes dismantling of existing EWC's / Indian WC's, Wash basins, towel rods, wooden/ MS/ Aluminum ventilators and all sanitary and plumbing fixtures / fittings including CI / GI pipe lines and also removing of mirrors, light fixtures etc, which also included breaking of existing wall (4½" thick) 20' x 8' including removing of three door frame & shutters (3'x 8') and lifting of debris to outside of the IDRBT premises.	One			
2.	Application of brush bond treatment to sunken slabs, junctions of wall and slab etc., in toilet. Surface preparation of sunken slabs, walls and gutter area by manual or mechanical means to remove loose mortar, laitance, oil and grease etc. and washing the surface thoroughly with water. Providing and laying PCC fillet 75-100 mm rounding at the intersection of roof slab with parapet wall, pipe pedestal etc and after applying a coat of polymer modified mortar of Siskon / Sika Latex Power / Fosroc's Nitobond SBR Latex / Equivalent modified cement slurry bonding coat and elastometric providing and applying two coats of acrylic based electrometric, crack bridging waterproofing coating Sika Top seal 107 (2 part) / Fosroc's high performance electrometric cementation water proofing coating Brush bond RFX or equivalent in 2 coats as per the specification of the manufacturer as approved by the Engineer and finally keeping the water on sunken tanks for 24 hrs for observing the leakages, pressure grouting at all the water dripping areas with leak proof admixture to arrest leakages including cost of all materials , labor charges curing etc. complete for finished item of work. (The work shall be carried out under supervision of a specialized Agency and shall carry a guarantee for 5 years). This also includes filling of light weight concrete (1:2:4) 3" thick over brick bat jally before tiled flooring for low roofs	40 sq.m			
3.	Supply and fixing of aluminum anodized powder coated ventilator of size 0.71 m x 0.51 m with a box section of 63.5 x 38.1 x 2.1 mm around with suitable louvers and 0.3 m height for provision for fixing of exhaust fan of 300 mm sweep on the top position of the ventilator and intermediate member with a 4 mm thick frosted glass louvers in the bottom portion of the ventilator by removing existing ventilator and plastering on broken wall where ever needed complete for finished item of work including supply and providing SS (304 grade) mesh for ventilator.	2.5 sq.m			
4	Supply and fixing GI pipe medium grade properties (B class Tata) and weight as per IS 1239 ISI mark in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc including painting (rust proof), with necessary chiseling masonry walls and making good the walls & floors to the original surface and fixing MS clamps with base & royal plugs on walls including cost and conveyance of all materials and labor charges complete for finished item of work including cotton rope				

	insulation for hot water lines. (if any)				
	a) 15 mm diameter	25 rmt			
	b) 19 mm diameter	20 rmt			
	c) 25 mm diameter	15 rmt			
	d) 40 mm diameter	5 rmt			
5.	Supply and fixing of Upvc pipe @ 8kg / sq.cm ISI mark (Sudhakar /prince make) for the drain off the water from sunken slabs and wash basin including cost and conveyance of all materials, all specials like bends, couplings, reducers and traps etc., sales and other taxes on materials to site, operational & incidental charges including all labor charges for fixing at site etc., complete for finished item of work				
	a) 25 mm diameter	20 rmt			

	b) 32 mm diameter	10 rmt			
	c) 75 mm diameter	15 rmt			
6.	Supply and fixing of CP Jallis along with suitable PVC gulli trap with accessories as directed including cost and conveyance of all materials and labor charges complete for finished item of work	6 no's			
7.	Supply and fixing of health faucet Jaquar ALD 573 along with NP short body 2 way bib tap of size 12.7 mm dia of make Jaquar heavy duty Con 041 KN including cost and conveyance of all materials, labor charges etc. complete for finished item of work with necessary GI fittings	2 no's			
8.	Supplying and fixing of 25 mm dia, 0.61 m long Stainless steel towel rods with brackets and MS powder coated screws including cost and conveyance of all materials, labor charges etc., complete for finished item of work. <u>(Jaquar AQN 7711)</u>	3 no's			
9.	Supply and fixing of stainless steel tissue paper stand of length 150 mm of standard width (Jaquar AKP35751P) including cost and conveyance of all materials and labor charges complete for finished item of work	2 no's			
10	Supply and fixing of soap dispenser with support stand with NP screws etc., complete including cost and conveyance of all materials, labor charges for fixing, screws etc., complete for finished item of work. (Jaquar Model AKP35735P)	6 no's			

11.	Supply and fixing of decorative mirror (Belgium) of size 24" x 18" with necessary brackets/ clamps with color full design including cost and conveyance of all materials and labor charges complete for finished item of work	6 no's			
12.	Supplying and fixing 19 mm (3 / 4") dia Gunmetal gate valve of Zoloto make of ISI mark heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work for controlling water flow into wash room.	One			
13.	Supplying and fixing white glazed porcelain European water closet (EWC floor mounted type) confirming to IS:2556 with 'P' or 'S' trap including supplying and fixing 10 liters capacity valve less symphonic action type pvc low level cistern confirming to IS:774 with brackets, double flapped seat cover confirming to IS:2548 – Part 1 & 2, 40 mm dia pvc bend, 15 mm dia high density pvc inlet pipe connection, 15 mm dia CP brass angle stop cock (Con 059 KN) etc. with all above of Parryware / Hindware including the cost and conveyance of all materials, labour charges, incidental charges, taxes, duties, levis etc., as approved and directed by Engineer for the finished item of work. (EWC floor mounted with PVC flush tank)	One			
	a). Model Hindware – Grean – Cat No.20079 OR				
	b). – do --- for Slick – Cat No.20011 (D-28.5 / P-18) OR				
	c). – do – or universal Cat No.20012 (S-28.5 / P-18)				
14.	Supply and fixing of white colour Indian WC with P/ S traps, with 10 liters pvc flush tank Jaquar ware and pvc pipe connections concealed type, cp brass angle stop cock (Con 059KN) complete set including cost and conveyance of all materials, labour charges, transport etc. complete for finished item of work.	One			

	a). Hindware model Orissa pan grace (Cat No. 20090, 53 x 41) OR				
	b). – do – Acupan (Cat No. 20076, 58/44)				
15.	Providing & fixing (550 x 400 mm) 22” x 16” size Indian make (Hind ware) Cavallo Medio con No. 91062 white glazed porcelain wash hand basin 15 mm CP brass pillar cock of Jaquar (Can 021 KN) and 1 No. 32 mm dia CP waste coupling (Jaquar ALD705L130), CI brackets, One no. of CP brass Angle stop cock of Jaquar Con 059KN , One No. 15 mm PVC connection with brass union nuts, wooden blocks, with Bottle trap, etc., including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work.	6 no’s			
	a). Model Hindware – Cavallo medio (Cat. No.91062 / 61 x 47.5) OR				
	b). – do – Balmount (Cat No.10073 / 65 x 46)				
16.	Supply and fixing of 300 mm. sweep exhaust fan of Crompton Greaves / Khaitan including cost and conveyance of all materials, labour charges, hardware with Ms grill etc complete for finished item of work.	3 no’s			
17.	Supply and fixing of MIROLTA Slim 18W TMS 520/118 HF with lamp (Philips make with energy efficient tube, electronic choke) on wall or ceiling with PVC insulated two core flexible copper cable (1.50 sq.m) from terminals to the fitting including necessary fixing materials.	6 no’s			
18.	Flooring with Colored Ceramic non-skid curved or Edge cut - Rectified tiles in wash room areas of first quality	28 sq.m			

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	of approved make Johnson / Kazaria and of minimum size not less than 300 mm x 300 mm and 6 mm thick set over a base coat of Screed bed layer of CM 1:4 of 20 mm thick and grey cement slurry @ 3.3 kg per sq.m including pointing / filling the joint with joint filler of approved make / quality of matching shade complete including cost and conveyance of all materials like cement, sand, water, tiles, white cement, joint filler etc to site, including cost of base coat and all labor charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer curing etc., complete for finished item of work in all floors (Note: The Basic cost of tile = Rs 550/- per 1 sq.m) which includes preparation of floor surface for laying of tiles.				
19.	Dadoing to walls in wash room areas up to ceiling with colored glazed tiles of minimum size of 300 x 200 mm and of approved design / pattern including necessary border tiles of make Johnson / Kazaria as approved by Engineer using base coat of 20 mm thick CM (1:4) for preparation of surface for pointing/fixing/laying tiles and the joining with joint filler of matching color/shade of tiles including cost and conveyance of all materials like tiles, border tiles and water to work site including cost of base coat, all operational, incidental and labor charges such as mixing, mortar, fixing in position, including lift charges, curing etc., complete for finished item of work (Note: The Basic Cost of tiles = Rs 400/- per one sq.m) which includes preparation of wall surface for laying of dado tiles	90 sq.m			
20.	(a) Painting with Plastic emulsion interior Grade-I Asian painting to ceiling with one coat of primer and two coats of emulsion approved make shade and color including cost and conveyance of all materials like Plastic Emulsion paint of Grade – I to site including cost of brushes and ladders, lift charges and labor charges such as preparing the surface for painting by remove all lose old patches, oil, grease etc. with putty, applying two coats of Plastic Emulsion paint, taxes, duties, levies etc., complete for finished item of work.	35 sq.m			
	(b) Painting two coats with synthetic enamel paint first grade Asian apcolite over a coat of primer of approved shade, quality and make to iron work/wood work including cost and conveyance of all materials to site, and preparation of surface, taxes, duties, levies, incidental, operational and all labor charges etc., complete for finished item of work for toilet doors and frames (front and back side of door and frame).	12 sq.m			
21.	Supply and fixing of urinal unit (flat back large 60002 – Hindware Vitreous) with waste coupling (F850002) full thread with nozzle and also concealed stop cock (Con 087KN), bottle trap etc complete set including cost and conveyance of all necessary fixing materials, labour charges, transport etc complete set of finished item of work as directed	14 no's			
	a). Flat Black large (60002) OR				

	b). Eureka (60020) OR				
	c). Riva (96003)				
22.	a).Supply and installation of urinal partitions glass (Frosted safety glass 8 mm thick) separator of size 900 mm H x 450 mm W with necessary support chromium plated brackets including cost and conveyance of all materials, labour charges etc complete for finished item of work as directed. (Jaquar Model No. 1810 – US)	14 no's			
	b). Reinstallation of existing urinal marble/ granite separators with necessary MS powder coated U shape bracket with two legs including cost and conveyance of all materials, labour charges etc complete finished item of work	14 no's			
23.	Re-fixing of existing door including necessary fixing materials like hold fast with concrete and suitable reinforcement lintels and plastering the patches (CM 1:4) by breaking wall for fixing holdfast.	One			
24.	Repairs to existing false ceiling with supply of suitable size GI trunking, channels and supporting MS rods wherever necessary and also supply and fixing of Gypsum sheet (20 mm thick) with putty including cost and conveyance of all materials, labour charges, etc complete for finished item of work.	3 sq.m			
	Subtotal amount (D- i) for Gents wash room, 2nd floor (near lift side staircase)				
ii.	Re-modeling of Gents & Ladies wash room near rear side Stair case entrance				
1.	Dismantling and clearing of existing tile / mosaic flooring, dado / skirting including removal of plaster on the walls where the dado tiles are to be replaced where ever required as directed by Engineer and also preparation of surface for laying of dado tiles from bottom to 7 feet height of the wash room and dismantling material carried out up to ground floor manually and transport to unobjectionable locations outside of the office premises, by using lorry / truck, it includes cost of all labor charges, transport charges, taxes, etc which also includes dismantling of existing EWC's / Indian WC's, Wash basins, towel rods, MS/ Aluminum ventilators and all sanitary and plumbing fixtures / fittings including CI / GI pipe lines and also removing of	LS			

	mirrors, light fixtures etc in two wash rooms, which also included breaking of existing walls (9" / 4½" thick) 10' x 8' & 6.5' x 7' complete including making openings on the wall for provision of ventilators (2 no's of size 0.9 m x 0.6 m) and also removing of existing urinals (4 no's) along with urinal partitions (4 no's) including sensors, etc. complete, which is also includes removing of one door with frame (3' x 8') along with wash basin and its under counter pedestals etc.				
2.	Application of brush bond treatment to sunken slabs, junctions of wall and slab etc., in toilet. Surface preparation of sunken slabs, walls and gutter area by manual or mechanical means to remove loose mortar, laitance, oil and grease etc. and washing the surface thoroughly with water. Providing and laying PCC fillet 75-100 mm rounding at the intersection of roof slab with parapet wall, pipe pedestal etc and after applying a coat of polymer modified mortar of Siskon / Sika Latex Power / Fosroc's Nitobond SBR Latex / Equivalent modified cement slurry bonding coat and elastometric providing and applying two coats of acrylic based electrometric, crack bridging waterproofing coating Sika Top seal 107 (2 part) / Fosroc's high performance electrometric cementation water proofing coating Brush bond RFX or equivalent in 2 coats as per the specification of the manufacturer as approved by the Engineer and finally keeping the water on sunken tanks for 24 hrs for observing the leakages, pressure grouting at all the water dripping areas with leak proof admixture to arrest leakages including cost of all materials , labor charges curing etc. complete for finished item of work. (The work shall be carried out under supervision of a specialized Agency and shall carry a guarantee for 5 years). This also includes filling of light weight concrete (1:2:4) 3" thick over brick bat jally before tiled flooring for low roofs	45 sq.m			
3.	Supply and fixing of aluminum anodized powder coated ventilator of size 0.71 m x 0.51 m with a box section of 63.5 x 38.1 x 2.1 mm around with suitable louvers and 0.3 m height for provision for fixing of exhaust fan of 300 mm sweep on the top position of the ventilator and intermediate member with a 4 mm thick frosted glass louvers in the bottom portion of the ventilator by removing existing ventilator and plastering on broken wall where ever needed complete for finished item of work including supply and providing SS (304 grade) mesh for ventilator.	2 sq.m			
4	Supply and fixing GI pipe medium grade properties (B class Tata) and weight as per IS 1239 ISI mark in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc including painting (rust proof), with necessary chiseling masonry walls and making good the walls & floors to the original surface and fixing MS clamps with base & royal plugs on walls including cost and conveyance of all materials and labor charges complete for finished item of work including cotton rope insulation for hot water lines. (if any)				

	a) 15 mm diameter	30 rmt			
	b) 19 mm diameter	25 rmt			
	c) 25 mm diameter	15 rmt			
	d) 40 mm diameter	5 rmt			
5.	Supply and fixing of Upvc pipe @ 8kg / sq.cm ISI mark (Sudhakar /prince make) for the drain off the water from sunken slabs and wash basin including cost and conveyance of all materials, all specials like bends, collars, reducers and traps etc., sales and other taxes on materials to site, operational & incidental charges including all labor charges for fixing at site etc., complete for finished item of work				
	a) 25 mm diameter	20 rmt			
	b) 32 mm diameter	15 rmt			

	c) 75 mm diameter	15 rmt			
6.	Supply and fixing of CP Jallis along with suitable PVC gulli trap with accessories as directed including cost and conveyance of all materials, labour charges, taxes etc complete for finished item of work as directed.	10 no's			
7.	Supply and fixing of health faucet Jaquar ALD 573 along with NP short body 2 way bib tap of size 12.7 mm dia of make Jaquar heavy duty Con 041 KN including cost and conveyance of all materials, labor charges etc. complete for finished item of work with necessary GI fittings	4 no's			
8.	Supplying and fixing of 25 mm dia, 0.61 m long Stainless steel towel rod with brackets and MS powder coated screws including cost and conveyance of all materials, labor charges etc., complete for finished item of work. <u>(Jaquar AQN 7711)</u>	3 no's			
9.	Supply and fixing of stainless steel tissue paper stand of length 150 mm of standard width (Jaquar AKP35751P) including cost and conveyance of all materials, labour charges, taxes etc complete for finished item of work as directed.	4 no's			
10	Supply and fixing of soap dispenser with support stand with NP screws etc., complete including cost and conveyance of all materials, labor charges for fixing, screws etc., complete for finished item of work. (Jaquar Model AKP35735P)	6 no's			
11.	Supply and fixing of decorative mirror (Belgium) of size 24" x 18" with necessary brackets/ clamps with color full design including cost and conveyance of all materials, labour charges, taxes etc complete for finished item of work as directed.	6 no's			

12.	Supplying and fixing 19 mm (3/4") dia Gunmetal gate valve of Zoloto make of ISI mark heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work for controlling water flow into wash room.	2 no's			
13.	Supplying and fixing white glazed porcelain European water closet (EWC floor mounted type) confirming to IS:2556 with 'P' or 'S' trap including supplying and fixing 10 liters capacity valve less symphonic action type pvc low level cistern confirming to IS:774 with brackets, double flapped seat cover confirming to IS:2548 – Part 1 & 2, 40 mm dia pvc bend, 15 mm dia high density pvc inlet pipe connection, 15 mm dia CP brass angle stop cock (Con 059 KN) etc. with all above of Parryware / Hindware including the cost and conveyance of all materials, labour charges, incidental charges, taxes, duties, levis etc., as approved and directed by Engineer for the finished item of work.(EWC floor mounted with PVC flush tank)	2 no's			
	a). Model Hindware – Grean – Cat No.20079 OR				
	b). – do --- for Slick – Cat No.20011 (D-28.5 / P-18) OR				
	c). – do – or universal Cat No.20012 (S-28.5 / P-18)				
14.	Supply and fixing of white colour Indian WC with P/ S traps, with 10 liters pvc flush tank Jaquar ware and pvc pipe connections concealed type, cp brass angle stop cock (Con 059KN) complete set including cost and conveyance of all materials, labour charges, transport etc. complete for finished item of work.(Hindware Orissa pan (grace - 20090))	2 no's			
	a). Hindware model Orissa pan grace (Cat No. 20090, 53 x 41) OR				

	b). – do – Acupan (Cat No. 20076, 58/44)				
15.	Providing & fixing (550 x 400 mm) 22" x 16" size Indian make (Hind ware) Cavallo Medio con No. 91062 white glazed porcelain wash hand basin 15 mm CP brass pillar cock of Jaquar (Can 021 KN) and 1 No. 32 mm dia CP waste coupling (Jaquar ALD705L130), CI brackets, One no. of CP brass Angle stop cock of Jaquar Con 059KN , One No. 15 mm PVC connection with brass union nuts, wooden blocks, with Bottle trap, etc., including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work.	6 no's			
	a). Model Hindware – Cavallo medio (Cat. No.91062 / 61 x 47.5) OR				
	b). – do – Balmount (Cat No.10073 / 65 x 46)				
16.	Supply and fixing of 300 mm. sweep exhaust fan of Crompton Greaves / Khaitan including cost and conveyance of all materials, labour charges, hard ware with Ms grill etc complete for finished item of work.	5 no's			
17.	Supply and fixing of MIROLTA Slim 18W TMS 520/118 HF with lamp (Philips make with energy efficient tube, electronic choke) on wall or ceiling with PVC insulated two core flexible copper cable (1.58 sq.m) from terminals to the fitting including necessary fixing materials.	6 no's			
18.	Flooring with Colored Ceramic non-skid curved or Edge cut - Rectified tiles in wash room areas of first quality of approved make Johnson / Kazaria and of minimum size not less than 300 mm x 300 mm and 6 mm thick set over a base coat of Screed bed layer of CM 1:4 of 20 mm thick and grey cement slurry @ 3.3 kg per sq.m including pointing / filling the joint with joint filler of approved make / quality of matching shade complete including cost and conveyance of all materials like cement, sand, water, tiles, white cement, joint filler etc to	30 sq.m			

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	site, including cost of base coat and all labor charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer curing etc., complete for finished item of work in all floors (Note: The Basic cost of tile = Rs 550/- per 1 sq.m) which includes preparation of floor surface for laying of tiles.				
19.	Dadoing to walls in wash room areas up to ceiling with colored glazed tiles of minimum size of 300 x 200 mm and of approved design / pattern including necessary border tiles of make Johnson / Kazaria as approved by Engineer using base coat of 20 mm thick CM (1:4) for preparation of surface for pointing/fixing/laying tiles and the joining with joint filler of matching color/shade of tiles including cost and conveyance of all materials like tiles, border tiles and water to work site including cost of base coat, all operational, incidental and labor charges such as mixing, mortar, fixing in position, including lift charges, curing etc., complete for finished item of work (Note: The Basic Cost of tiles = Rs 400/- per one sq.m) which includes preparation of wall surface for laying of dado tiles	100 sq.m			
20.	(a) Painting with Plastic emulsion interior Grade-I Asian painting to ceiling with one coat of primer and two coats of emulsion approved make shade and color including cost and conveyance of all materials like Plastic Emulsion paint of Grade – I to site including cost of brushes and ladders, lift charges and labor charges such as preparing the surface for painting by remove all lose old patches, oil, grease etc. with putty, applying two coats of Plastic Emulsion paint, taxes, duties, levies etc., complete for finished item of work.	60 sq.m			
	(b) Painting two coats with synthetic enamel paint first grade Asian apcolite over a coat of primer of approved shade, quality and make to iron work/wood work including cost and conveyance of all materials to site, and preparation of surface, taxes, duties, levies, incidental, operational and all labor charges etc., complete for finished item of work for toilet doors and frames (front and back side of door and frame).	15 sq.m			
21.	Supply and fixing of urinal unit (flat back large 60002 – Hindware Vitreous) with waste coupling (F850002) full thread with nozzle and also concealed stop cock (Con 087KN), bottle trap etc complete set including cost and conveyance of all necessary fixing materials, labour charges, transport etc complete set of finished item of work as directed	5 no's			
	a). Flat Black large (60002) OR				

	b). Eureka (60020) OR				
	c). Riva (96003)				
22.	a). Supply and installation of urinal partitions glass (Frosted safety glass 8 mm thick) separator of size 900 mm H x 450 mm W with necessary support chromium plated brackets including cost and conveyance of all materials, labour charges etc complete for finished item of work as directed. (Jaquar Model No. 1810 – US)	5 no's			
	b). Reinstallation of existing urinal marble/ granite separators with necessary MS powder coated U shape bracket with two legs including cost and conveyance of all materials, labour charges etc complete finished item of work	8 no's			
23.	Reinstallation of wash room door (2.15 m x 0.9 m) with necessary holdfast (MS), suitable lintels with concrete mix 1:2:4 with suitable steel rods and rings etc complete job including cost and conveyance of all materials, labour charges, cement, sand, coarse aggregate machine crushed granite stones, transport etc. complete finished item of work.	3 no's			
24.	a). Supply and construction of Brick Masonry partition walls of 4.5" thick in CM (1:4) prop. (cement: sand) using best locally available well burnt clay bricks from approved source having minimum crushing strength of 40 kg/sq.cm and placing 2 no's of 6 mm M.S plain rods (at the interval of 3' height) as directed by Engineer in charge including cost and conveyance of all materials like cement, sand, bricks, water, steel rods etc., to site all operational, incidental charges such as labour charges like mixing cement mortar, scaffolding charges (if required), constructing masonry, lead, lifting charges, curing etc. excluding cost of steel and its fabrication charges complete for finished item of work .	20 sq.m			
	b). Plastering with 20 mm thick single coat CM (1:4) to even and smooth finishing including cost and conveyance of all materials like cement, sand, water etc., to site, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding (if required), lifting charges, curing as directed by Engineer complete for finished item of work.	30 sq.m			

25.	Supply and fixing of PVC door frame section 50 mm x 47 mm made of 5 mm rigid PVC sheet mitred at corners and jointed with 150 mm long brackets 19 mm x 19 mm MS square tube of minimum 19 gauge and provided with EPDM gasket or seal provided throughout the frame and 30 mm thick solid paneled PVC shutters of app. size 0.7 m x 2.1 m made out of PU coated / powder coated MS square pipe of 19 x 19 mm for styles and 15 mm x 15 mm for top and bottom rails of minimum 19 gauge thickness covered with heat moduled PVC channel of 5 mm thick and 30 mm x 50 mm section to form styles and 5 mm thick and 75 mm wide PVC sheet for top rail, lock rail bottom rail on both side and 5 mm thick PVC sheet fitted into the MS frame welded / sealed to the styles and rails PVC sheet beading on both sides and joined together with solvent cement, silicon sealant etc., of approved color / make / manufacturer and fixing to the PVC door frame of any size and cost of ISI marked door fixtures (app. size 0.7 m x 2.1 m) including supply and provision of aluminum butt hinges of size 125 mm long x 31.75 mm x 11 mm (3 no's), aluminum tower bolt (200 mm long – one no), aluminum aldrop (150 mm – 2 no's) and aluminum handles (150 mm long 2 no's) including necessary fixing materials like screws, labour etc.				
	a). PVC door frame with shutter (complete set)	3.5 sq.m			
	b). PVC door shutters (0.75 x 1.95 m)	1.5 sq.m			
26.	Reinstallation of wash room door (2.15 m x 0.9 m) with necessary holdfast (MS), suitable lintels with concrete mix 1:2:4 with suitable steel rods and rings etc complete job including cost and conveyance of all materials, labour charges, cement, sand, coarse aggregate machine crushed granite stones, transport etc. complete finished item of work.				
	Subtotal amount (D – ii) for remodeling of Gents & Ladies wash rooms				
iii	Creation of new wash room near Chairman's Office (Lift side), 2nd floor, Admin Building				
1.	Dismantling and clearing of existing marble flooring & dado including removal of plaster on the walls where the dado marbles are to be replaced wherever required as directed by Engineer and also preparation of	LS			

	surface for laying of dado marble from bottom to ceiling height of the wash room and dismantling material carried out up to ground floor manually and transport to unobjectionable locations outside of the office premises, by using lorry / truck, it includes cost of all labor charges, transport charges, taxes, etc including opening on the wall for the ventilator (2' x 1.5') which also includes making holes in the wall for drain connection (for EWC & Wash basin) & water connection and also laying pipes up to the duct nearby (1 st floor).				
2.	Application of brush bond treatment to sunken slabs, junctions of wall and slab etc., in toilet. Surface preparation of sunken slabs, walls and gutter area by manual or mechanical means to remove loose mortar, laitance, oil and grease etc. and washing the surface thoroughly with water. Providing and laying PCC fillet 75-100 mm rounding at the intersection of roof slab with parapet wall, pipe pedestal etc and after applying a coat of polymer modified mortar of Siskon / Sika Latex Power / Fosroc's Nitobond SBR Latex / Equivalent modified cement slurry bonding coat and elastometric providing and applying two coats of acrylic based electrometric, crack bridging waterproofing coating Sika Top seal 107 (2 part) / Fosroc's high performance electrometric cementation water proofing coating Brush bond RFX or equivalent in 2 coats as per the specification of the manufacturer as approved by the Engineer and finally keeping the water on sunken tanks for 24 hrs for observing the leakages, pressure grouting at all the water dripping areas with leak proof admixture to arrest leakages including cost of all materials , labor charges curing etc. complete for finished item of work. (The work shall be carried out under supervision of a specialized Agency and shall carry a guarantee for 5 years). This also includes filling of light weight concrete (1:2:4) 3" thick over brick bat jally before tiled flooring for low roofs	4 sq.m			
3.	Supply and fixing of aluminum anodized powder coated ventilator of size 0.71 m x 0.51 m with a box section of 63.5 x 38.1 x 2.1 mm around with suitable louvers and 0.3 m height for provision for fixing of exhaust fan of 300 mm sweep on the top position of the ventilator and intermediate member with a 4 mm thick frosted glass louvers in the bottom portion of the ventilator by removing existing ventilator and plastering on broken wall where ever needed complete for finished item of work including supply and providing SS (304 grade) mesh for ventilator.	1 sq.m			
4.	Supply and fixing GI pipe medium grade properties (B class Tata) and weight as per IS 1239 ISI mark in ground or on wall including cost of tees, elbows, bends, reducers, couplings, running joints, union flanges, unions etc including painting (rust proof), with necessary chiseling masonry walls and making good the walls & floors to the original surface and fixing MS clamps with base & royal plugs on walls including cost and conveyance of all materials and labor charges complete for finished item of work including cotton rope insulation for hot water lines. (if any)				

	a) 15 mm diameter	25 rmt			
	b) 19 mm diameter	20 rmt			
	c) 25 mm diameter	15 rmt			
	d) 40 mm diameter	5 rmt			
5	Supply and fixing of Upvc pipe @ 8kg / sq.cm ISI mark (Sudhakar /prince make) for the drain off the water from sunken slabs and wash basin including cost and conveyance of all materials, all specials like bends, couplings, reducers and traps etc., sales and other taxes on materials to site, operational & incidental charges including all labor charges for fixing at site etc., complete for finished item of work				
	a) 25 mm diameter	20 rmt			
	b) 32 mm diameter	10 rmt			
	c) 75 mm diameter	15 rmt			

6.	Supply and fixing of Cast iron pipe lines for the drain of the water and EWC waste etc. including cost and conveyance of all materials, all specials like bends, collars, reduces and traps, bends with inspection opening, coupling etc. as directed which also includes all labour charges, taxes, transport, incidental charges including fixing materials etc complete for finished item of work as directed				
	a) 25 mm diameter	5 rmt			
	b) 40 mm diameter	10 rmt			
	c) 75 mm diameter	15 rmt			
7.	Supply and fixing of CP Jallis along with suitable PVC gulli trap with accessories as directed including cost and conveyance of all materials and labor charges complete for finished item of work	2 no's			
8.	Supply and fixing of health faucet Jaquar ALD 573 along with NP short body 2 way bib tap of size 12.7 mm dia of make Jaquar heavy duty Con 041 KN including cost and conveyance of all materials, labor charges etc. complete for finished item of work with necessary GI fittings	One			
9.	Supplying and fixing of 25 mm dia, 0.61 m long Stainless steel towel rods with brackets and MS powder coated screws including cost and conveyance of all materials, labor charges etc., complete for finished item of work. <u>(Jaquar AQN 7711)</u>	One			
10	Supply and fixing of stainless steel tissue paper stand of length 150 mm of standard width (Jaquar AKP35751P) including cost and conveyance of all materials and labor charges complete for finished item of work	One			

11	Supply & fixing of 24" x 18" size wash basin (Glass bowl & glass stand with Stainless steel hardware of required design with 2 way water mixing pillar cock (single lever) complete set with angle cock, pop waste coupling, pvc connection and bottle trap etc. <u>as per the sample laid in wash room no.702</u> including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work. (Model VGP81005B Jaquar for 2-way water mixing pillar cock single lever)	One			
12	(a) Supply and fixing of soap dish holder with NP screws etc., complete including cost and conveyance of all materials, labor charges for fixing, screws etc., complete for finished item of work. (Model AKP35731P - Jaquar)	One			
	(b) – do – as above for soap dispenser with glass bowl (Model AKP35735P - Jaquar)	One			
13	Supply and fixing of decorative mirror (Belgium) of size 24" x 18" with necessary brackets/ clamps with color full design including cost and conveyance of all materials and labor charges complete for finished item of work	One			
14	Supplying and fixing 19 mm (3 / 4") dia Gunmetal gate valve of Zoloto make of ISI mark heavy duty including cost and conveyance of all materials, labor charges etc. complete for finished item of work for controlling water flow into wash room.	One			
15	Supplying and fixing white glazed porcelain European water one piece closet (EWC floor mounted type) confirming to IS:2556 with 'P' or 'S' trap including supplying and fixing 10 Ltrs capacity valve less symphonic action type Ceramic low level cistern with brackets, double flapped seat cover confirming to IS: 2548 – Part 1 and 2, 40 mm dia PVC bend, 15 mm dia High density PVC inlet pipe connection, 15 mm dia CP Brass angle stop cock etc., with all above of Hind ware including the cost and conveyance of materials, Labor charges, incidental charges, taxes, duties, levies etc., as approved and directed by the Engineer for the finished item of work. (Cat No.Elba 92047 S30 / P18 star white Hind ware)	One			
16	Supply and fixing of 300 mm. sweep exhaust fan of Crompton Greaves / Khaitan including cost and conveyance of all materials, labour charges, hardware with Ms grill etc complete for finished item of work.	One			

17	Supply and fixing of MIROLTA Slim 18W TMS 520/118 HF with lamp (Philips make with energy efficient tube, electronic choke) on wall or ceiling with PVC insulated two core flexible copper cable (1.50 sq.m) from terminals to the fitting including necessary fixing materials.	One		
18	Flooring with Colored Ceramic non-skid curved or Edge cut - Rectified tiles in wash room areas of first quality of approved make Johnson / Kazaria and of minimum size not less than 300 mm x 300 mm and 6 mm thick set over a base coat of Screed bed layer of CM 1:4 of 20 mm thick and grey cement slurry @ 3.3 kg per sq.m including pointing / filling the joint with joint filler of approved make / quality of matching shade complete including cost and conveyance of all materials like cement, sand, water, tiles, white cement, joint filler etc to site, including cost of base coat and all labor charges for mixing of cement mortar, laying tiles to required slope as directed by the Engineer curing etc., complete for finished item of work in all floors (Note: The Basic cost of tile = Rs 550/- per 1 sq.m) which includes preparation of floor surface for laying of tiles.	5 sq.m		
19	Dadoing to walls in wash room areas up to ceiling with colored glazed tiles of minimum size of 300 x 450 mm and of approved design / pattern including necessary border tiles of make Johnson / Kazaria as approved by Engineer using base coat of 20 mm thick CM (1:4) for preparation of surface for pointing/ fixing/ laying tiles and the joining with joint filler of matching color/shade of tiles including cost and conveyance of all materials like tiles, border tiles and water to work site including cost of base coat, all operational, incidental and labor charges such as mixing, mortar, fixing in position, including lift charges, curing etc., complete for finished item of work (Note: The Basic Cost of tiles = Rs 800/- per one sq.m) which includes preparation of wall surface for laying of dado tiles	18 sq.m		
20	(a) Painting with Plastic emulsion interior Grade-I Asian painting to ceiling with one coat of primer and two coats of emulsion approved make shade and color including cost and conveyance of all materials like Plastic Emulsion paint of Grade – I to site including cost of brushes and ladders, lift charges and labor charges such as preparing the surface for painting by remove all lose old patches, oil, grease etc. with putty, applying two coats of Plastic Emulsion paint, taxes, duties, levies etc., complete for finished item of work.	4 sq.m		
	(b) Painting two coats with synthetic enamel paint first grade Asian apcolite over a coat of primer of approved shade, quality and make to iron work/wood work including cost and conveyance of all materials to site, and preparation of surface, taxes, duties, levies, incidental, operational and all labor charges etc., complete for finished item of work for toilet doors and frames (front and back side of door and frame).	5 sq.m		

21	Reinstallation of wash room door (2.15 m x 0.9 m) with necessary holdfast (MS), suitable lintel with concrete mix 1:2:4 with suitable steel rods and rings etc complete job including cost and conveyance of all materials, labour charges, cement, sand, course aggregate machine crushed granite stones, transport etc. complete finished item of work.	One			
22	a). Supply and construction of Brick Masonry partition walls of 4.5” thick in CM (1:4) prop. (cement: sand) using best locally available well burnt clay bricks from approved source having minimum crushing strength of 40 kg/sq.cm and placing 2 no’s of 6 mm M.S plain rods (at the interval of 3’ height) as directed by Engineer in charge including cost and conveyance of all materials like cement, sand, bricks, water, steel rods etc., to site all operational, incidental charges such as labour charges like mixing cement mortar, scaffolding charges (if required), constructing masonry, lead, lifting charges, curing etc. excluding cost of steel and its fabrication charges complete for finished item of work .	10 sq.m			
	b). Plastering with 20 mm thick single coat CM (1:4) to even and smooth finishing including cost and conveyance of all materials like cement, sand, water etc., to site, and all operational, incidental charges on materials and including cost of all labour charges for mixing mortar, finishing, scaffolding (if required), lifting charges, curing as directed by Engineer complete for finished item of work.	20 sq.m			
	Subtotal (D-iii) for Creation of new wash room near Chairman’s Office (Lift side)				
	Total Amount (D – i + ii + iii)				
	Total amount (A + B + C + D)				
	Discount if any				
X	Grand total amount (A + B + C + D) after Discount				

E	Rebate Items				
	Takeaway removed sanitary fittings and fixtures as is where basis from the work site to the contractor's own store as detailed below.				
	1. Wash basin only	15 no's			
	2. EWC only	15 no's			
	3. Towel rods	10 no's			
	4. Mirror	15 no's			
	5. Tube light fixtures	LS			
	6. Water wall mixture	4 no's			
	7. Geysers (25 lit) Venus / Racold	4 no's			
	8. Ceiling Fans (Kahatan make)	12 no's			

	9. Wooden Door frame & shutters complete set	One			
	10. SS Tissue paper stands	10 no's			
	11. Bathing tubs	2 no's			
	12. Taps, angle cocks, GI pipes, showers, pvc /ceramic, flush tanks, pvc connections	Lot			
Y	Subtotal (E) for rebate items				
	Total Net amount (X - Y)				

Place:
Date:

Signature of the firm
with seal and date

Signature of the Tenderer