

RENOVATION WORKS OF SBI AO VARANASI**BOQ FOR CIVIL WORKS**

Note	1. All work has to be done on Ground, First and second floor of AO Varanasi Building . Rates quoted shall be for complete work. As building will be operational in working hours, Vendor has to work in phased manner (in nights and holidays also). Vendor has to take care of safety of workers and building users. Work has to be done and as per direction of Bank/ Architect. Vendors are suggested to visit the site prior to quoting rates.
	2. For Basic materials like sand,coarse sand, bricks, stone, Cinder etc standard specifications of CPWD shall be followed. For execution of work detailed specification of CPWD shall be followed. Workmanship shall be done as per best practices of industry.
	3. RATES TO BE QUOTED BOTH IN FIGURES AND IN WORDS

SR.NO	DESCRIPTION	QTY.	UNIT	RATE(INR)	AMOUNT
1	Dismantling Work Dismantling, cleaning and stacking reusable material on Ground floor (space has to be specified by bank). Item includes disposal of waste material outside of municipal limit by truck /tempo. Administrative approvals and liasioning with local authority for disposal of malba etc. has to be managed by contractor.				
a	Office Hall area of Wing A & Wing B	3,100.00	Sqm		
	Contractor has to dismantle existing brick partitions, Kota stone /mosaic/ all type of flooring, wooden/aluminium partitions, doors, false ceiling, cabinet, wall panels, plaster, etc. (as and where required basis). Material stacking and disposal shall be as per Banks instruction. Item includes required shifting of loose furniture and stacking at suitable place. External MS windows & door frame fixed with holdfast in walls shall be paid separately. Dismantling shall be done in a manner that building it doesnot affect building structure (Rates to be quoted on floor area basis)				
b	Toilet area (including all toilets, pantry, lobby and passage area & toilets in central court)	308.00	sqm		
	Dismantling existing floor tiles, wall tiles, plaster, walls, wooden / aluminium partitions, false ceiling, kitchen counters, toilet waste pipes, water supply pipes (all sizes), trapes, opening CP fittings, EWC, Basin, urinals etc to clear the toiet area for new construction. Including depositing reusable material to bank's store. External MS windows & door frame fixed with holdfast in walls shall be paid separately. Dismantling shall be done in a manner that building it does not affect / damage building structure (Rates to be quoted on floor area basis)				
c	Removing Cinder/ Lean concrete from toilet sunken area and refilling it after waterproofing and piping work (cinder to be reused). (payment will be done on floor area basis) (Rates to be quoted on floor area basis)	200.00	sqm		

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d	Extra refilling of AAC blocks: Top up sunken area with AAC block as required.	5.00	cum		
e	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking at specified place. (Existing MS Door/ windows fixed in wall (One window includes frame, grill, shutters). Item includes making good damaged surfaces/ edges with similar material)				
i	Of area 3 sq. meters and below.	24.00	Each		
ii	Of area beyond 3 sq. meters.	109.00	Each		
iii	making door/ window/ ventilator opening in existing brick wall. Item includes placing required props/ support to structure.	3.00	Each		
2	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level with Cement mortar 1:4 (1 cement :4 coarse sand). Item includes required scaffolding as where required complete job.	620.00	sqmt		
a	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry and making RCC Patti in level.	620.00	sqmt		
3	PLASTERING				
a	12 mm cement plaster of mix : 1:4 (one cement : 2 fine sand +2 coarse sand) including scaffolding complete job.	620.00	sqmt		
b	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:4 (1 cement: 2 fine sand + 2 coarse sand) including scaffolding complete job.	695.00	sqm		
c	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand) including scaffolding complete job.	115.00	sqm		
4	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, including the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). (for lintel, Kitchen and basin selves). Work includes making opening for sink, pipes etc complete work	3.29	cum		

SR.NO	DESCRIPTION	QTY.	UNIT	RATE(INR)	AMOUNT
a	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. (a) Thermo-Mechanically Treated bars of grade Fe-500D or more.	135.00	Kg		
5	Providing, laying & compacting Lean concrete 1:5:10 (in toilet area above cinder course and other specified area)	23.00	cum		
6	VITRIFIED TILES FLOORING				
	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, , fixing with the cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in required thickness minimum 3 mm. including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. <u>Tiles have to be laid in pattern as shown in drawing.</u>				
	Double charge vitrified tile polished finish of size . Johnson Marbonite or equivalent				
a	Size of Tile 600 x 600 mm.	2,000.00	sqm		
b	Size of Tile 800 x 800 mm.	200.00	sqm		
c	Size of Tile 600 x 1200 mm.	687.00	sqm		
7	VITRIFIED TILE SKIRTING 100 mm high				
	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints. <u>Johnson Marbonite or equivalent</u>				
a	Size of Tile 600 x 600 mm.	40.00	sqm		
b	Size of Tile 800 x 800 mm.	14.00	sqm		
c	Size of Tile 600 x 1200 mm.	26.00	sqm		

SR.NO	DESCRIPTION	QTY.	UNIT	RATE(INR)	AMOUNT
8	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours & shades on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete work.	290.00	sqm		
9	CERAMIC TILE SKIRTING 4" HIGH				
	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades. laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete.	10.00	sqm		
10	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades of size 300 x450 as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. (Same rate will be paid for measured area which include highlighters or paatterns tiles)	590.00	sqm		
11	GRANITE SLAB IN FLOOR				
	Providing and laying flamed finish Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
a	Flamed finish granite stone slab Jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent. In Flooring (stair case landing area or verandah).	26.00	sqm		
b	in Staircase treads with / including double molding and 3 no non slip grooves	21.00	sqm		
c	In stair case risers without molding	12.00	sqm		

SR.NO	DESCRIPTION	QTY.	UNIT	RATE(INR)	AMOUNT
d	granite Border (75 mm -300 mm wide) in new / existing granite flooring. Item includes cutting existing granite flooring neatly, removing mortar and laying new granite stone border.	20.00	sqm		
12	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, molding and polishing to edges to give high gloss finish etc. complete at all levels.				
a	Granite stone slab colour black, Cherry/Ruby red /Red	39.00	sqm		
13	Providing edge molding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
a	Granite work	65.00	metre		
14	Providing and fixing granite stone, (as item 13 a corresponding basic item), in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	65.00	metre		
15	Providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in Granite , including necessary holes for pillar taps etc. including molding, rubbing and polishing of cut edges etc. complete work	29.00	each		

SR.NO	DESCRIPTION	QTY.	UNIT	RATE(INR)	AMOUNT
16	WATER PROOFING IN TOILET	150.00	sqm		
	Providing and laying water proofing treatment in sunken portion of WCs, bathroom, pantry etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry. <u>Contractor has to provide guarantee on stamp-paper through company for 10 years. In case of any leakage contractor has to rectify complete work.</u>				
17	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Item includes chassing, core cutting and repairing ie making good walls or slabs complete job.				
a	15 mm dia CPVC Pipe	150.00	Rmt		
b	20 mm dia CPVC Pipe	50.00	Rmt		
c	25 mm dia CPVC pipe	150.00	Rmt		

SR.NO	DESCRIPTION	QTY.	UNIT	RATE(INR)	AMOUNT
18	DRAINAGE				
	Providing & fixing PVC pipes of supreme/prince make or equivalent in position of required size with special fittings, traps, bends, door bends, Ys, floor & nahani traps etc. Including chemical sealed joints as required at site making necessary connections with existing lines for w.c. & waste water lines, chambers to be constructed wherever necessary, unused lines for w.c. & waste water to be removed, the rate shall include all incidental work, cutting & making good walls & floors etc. All horizontally laid pipes shall be embedded in cement concrete blocks 1 of mix 1:2:4 (1 cement:2 coarse sand: 4 stone aggregate) and vertical pipes shall be properly embedded /clamped to walls including cost of chassing / cutting holes and making good the walls etc. Pipes laid below RCC ceiling shall be clamped/ supported properly. Complete. Please visit the site for inspection.				
a	75 mm Pipe	125.00	Rmt		
b	100 mm pipe	100.00	Rmt		
c	GULLY TRAP	7.00	No		
19	SANITARY FIXTURES - White				
	Providing & fixing following fixtures, the rate for the following shall be inclusive of all necessary fixtures, labour charges accessories & attachments to make these operational.				
	JAQUAR or equivalent to following models				
a	Providing and fixing white vitreous china extended wall mounting water closet of standard size of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 liter/ 6 liter (adjustable to 4 liter/ 8 liters), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.				
	EWC - (S or P trap according to site condition) Jaquar SOLO--SLS-WHT -6751S220PPZ bowl with cistern for coupled WC with soft close seat cover hinges, dual flush, cistern with all fittings and accessories (White)	14.00	NOS.		
a1	EWC for Disabled toilet				
	Jaquar model No DIS- WHT-93753P180 UF				
	Rimless bowl for coupled WC with UF soft close seat cover hinges/ fixing accessories. 180 mm P Trap	1.00	Nos		

SR.NO	DESCRIPTION	QTY.	UNIT	RATE(INR)	AMOUNT
b.	Providing and fixing water closet squatting pan (Indian type Orisa. pan) with 100 mm sand cast Iron P or S trap, 10 liter low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: Jaquar ECS-WHT-451 Orissa PAN with smart single wall hung cistern with 39 mm drainage L-bend pipe with gasket & installation accessories cistern ESH-WHT-183 NL	12.00	NOS.		
c.	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge. (Jaquar URS-WHT-13255+ sensor SNR-CHR-51097, flushing valve with complete kit (battery operated)	26.00	NOS.		
c-1	Urinal (back inlet) for physically challenged toilet with fixing accessories size 385x325x635 mm (Jaquar URS-WHT-13253N)	1.00	NO		
d	WASH BASIN - Providing and fixing counter top wash basins of approved make 700x435x135 mm. Complete with fixing on granite top (to be paid separately) complete work with all fittings and accessories (white) Jaquar ARS - WHT-39903	29.00	NOS.		
e	Providing and fixing stainless steel Kitchen sink with drain board of approved make size 1040x510 mm with complete accessories. (Including making all connections excluding cost of fittings).	5.00	NOS.		
f	Mirror : Providing , fitting and fixing looking mirror of approved make 6mm thick edges shall be dimond polished / beveled . Item includes cost of SS stud, making necessray holes complete work.	20.00	sqm		
SITC of CP FITTINGS					
20	Providing and fixing CP Brass fitting and fixtures of approved make and model.Item includes all accessories and fixing materials. Jaquaror equivalent to following models:				
a	Long body bib cock with wall flange (Jaquar COP-CHR-041 PM)	14.00	NOS.		
b	2 way Bibcock with wall flange (Jaquar COP-CHR-041 PM)	14.00	NOS.		
b1	Bibcock with wall flage Jaquar COP -CHR-037 PM)	12.00	NOS.		
c	Pillar cock (Jaquar - COP-CHR -005BPM)	26.00	NOS.		

SR.NO	DESCRIPTION	QTY.	UNIT	RATE(INR)	AMOUNT
d	Angular stop cock with wall flange (Jaquar -COP-CHR-057 PM)	75.00	NOS.		
e	Concealed Stop Cock complete with exposed and concealed part. (Jaquar -COP-CHR-083KPM / ALD-CHR-083	8.00	NOS.		
f	Bottle trap & waste cupling ALD-CHR-769L300X300	27.00	NOS.		
g	1/2" Flexible pipe 600 mm long braided hose with M-10x1 nipple, 15 mm nut, O-Ring & rubber washer (suitable for pillar cock) ALD-CHR--801B	42.00	NOS.		
h	SS jali (with water seal) cover	62.00	NOS.		
i	Health faucet in the toilets with 8 mm dia, 1m eter long, flexible tube & wall hook with N.R.V (back glow preventer) ALD-CHR-577	14.00	NOS.		
j	Toilet paper roll holder SS (Jaquar CAN -CHR -1155S)	26.00	NOS.		
k	Robe hook two way (Jaquar AKP-CHR 35761)	26.00	NOS.		
l	Napkin ring (CAN CHR-1121 N)	23.00	NOS.		
m	Hand dryer (B)- HDR -SSF -AK2803 D	8.00	NOS.		
n	Soap Dispenser with glass bottle (Jaquar CAN -CHR -1135 N)	22.00	NOS.		
o	Urinal partition CUR--450	14.00	NOS.		
p	S.Steel Toilet signage (Neki make -)	25.00	NOS.		
q	Providing and fixing GRAB Bar 600 MM in toilet for Physically challenged toilet. (Jaquar -CHR-1507)	3.00	NOS.		
21	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately)				

SR.NO	DESCRIPTION	QTY.	UNIT	RATE(INR)	AMOUNT
a	Powder coated aluminium (minimum thickness of powder coating 50 micron)	582.46	Kg		
b	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	784.30	Kg		
c	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item)				
	With <u>Reflective green</u> glass panes of 4.0 mm thickness (weight not less than 10kg/sqm)	229.64	Sqm		
d	Filling the gap in between aluminium frame & adjacent RCC/ Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete				
	Upto 5mm depth and 5 mm width.	680.40	Meter		
e	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete.				
	Polyester powder coated minimum thickness 50 micron aluminium.	216.00	Each		
f	P/F Sliding Window accessories of all type including star locking system and bearing.	216.00	Each		
	Total				
	GST EXTRA (as applicable)				