

Construction of New Class Rooms at DAV Public School

Bill of Quantities & Price Bid Format

Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
Part-A (Civil Work)						
1	Site Cleaning_ Construction Work	Cutting of trees, including cutting of trunks, branches and removal of stumps, roots, stacking of servicable materials with all lifts and upto a lead of 1000 meters and earth filling in the depression / pit as per direction of Engg-in-charge. Grith from 900mm to 1800mm	No	8		
2	Earth excavation in ordinary soil	Earth work in excavation up to 1.5m depth in ordinary soil including dressing & levelling the bed & depositing the excavated materials within 50m. initial lead & 1.5m. initial lift with all cost, conveyance, tools & plants, labour, complete as per the direction of Engg.-in-charge.	Cum	226		
3	Back filling with excavated earth	Earth work in back filling of foundation/ pits / trenches etc including dressing & levelling with excavated earth within initial lead of 50 meters with all costs, conveyance, T&P, labour complete as per the direction of Engg.-in-charge.	Cum	226		
4	Removing Cement Plaster	Removing old cement plaster of all thickness from walls including racking out joints at all levels and elevations and removing the debris within 50mtr lead including conveyance, labour charges, T&P, scaffoldings, sundries etc. complete in all respect as per direction of Engineer in Charge	Sqm	48		
5	Dismantling Brick / Stone masonry	Dismantling of Brick or stone masonry at all levels and elevations, stacking the useful materials for re-use and disposing the debris within 50 mtr lead including cost, conveyance, T&P, scaffoldings, sundries and labour charges etc. complete as per direction of Engineer-in-charge.	Cum	6		
6	Dismantling Plain Cement Concrete	Dismantling of Plain Cement Concrete work at all levels and elevations, stacking the useful materials for re-use and disposing the debris upto a lead of 50mtr including cost, conveyance, T&P, scaffoldings, sundries and labour charges etc. complete as per direction of Engineer-in-charge.	Cum	3		
7	Dismantling Reinforced Cement Concrete	Dismantling of Reinforced Cement Concrete work (RCC work) at all levels and elevations manually or mechanically as suitable, stacking the use ful materials for re-use and disposing the debris upto a lead of 50 mtr including cost, conveyance, T&P, scaffoldings, sundries and labour charges etc. complete as per direction of Engineer-in-charge.	Cum	2		
8	Transportation of debris	Transportation of debris / surplus spoil away from work site upto a lead of 5 kilometres by tractor including all cost, conveyance, fuels, loading & unloading, labour charges etc complete as per the direction of Engg.-in-charge.	Cum	12		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
9	Supplying & Filling Sand	Supplying and Filling of sand in foundation and plinth, watering and ramming including all cost, conveyance, T & P, royalty and labour charges etc. complete as per direction of Engineer-in-charge.	Cum	75		
10	PCC (1:4:8) 40mm graded HG metal	Cement Concrete(1:4:8) by using 40mm graded hard granite crusher broken chips including all cost, laying of concrete, watering, curing, conveyance, T & P, royalties of all materials, scaffolding & labour charges etc. complete as per direction of Engg.	Cum	50		
11	PCC (1:2:4) 12 to 20mm graded HG chips	Cement Concrete (1:2:4) using 12 to 20mm graded hard granite crusher broken chips including all cost, laying of concrete, watering, curing, conveyance, T & P, royalties of all materials required for the work, Scaffolding & labour charges etc complete as per direction of Engineer-in-charge	Cum	23		
12	RCC M-20 grade Mix Proportion (1:1.5:3)	Reinforced Cement Concrete work M-20 grade Mix Proportion (1:1.5:3) for all type of work using 10 to 20mm graded hard granite crusher broken chips including all cost, hoisting & laying of concrete, watering, curing, conveyance, T & P, royalties of all materials required for the work, scaffolding & labour charges etc complete as per the direction of Engineer-in-charge. Reinforcement rod work and centering & shuttering work will be paid separately in other items.	Cum	170		
13	Lift charges_CC Work above GF upto FF	Extra for Lift charges for all type of cement concrete work above ground floor upto First Floor or a part there of.	Cum	75		
14	Form work - Roof Slab	Providing and fixing strong, rigid, smooth, levelled, and plumbed CENTERING AND SHUTTERING (Form work) including dismantling the same after the required intervals from the date of casting including cost of all materials, labour, conveyance, loading and unloading, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer-in-charge. for RCC Floor and roof slabs, landings, balconies, projecting sun shades and chajjas	Sqm	500		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
15	Form work - Mass Concrete / precast slab	Providing and fixing strong, rigid, smooth, levelled, and plumbed CENTERING AND SHUTTERING (Form work) including dismantling the same after the required intervals from the date of casting including cost of all materials, labour, conveyance, loading and unloading, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer-in-charge. for RCC Foundation and Footing bases of column, mass concrete, precast slabs etc	Sqm	65		
16	Form work - RCC Beam / Column	Providing and fixing strong, rigid, smooth, levelled, and plumbed CENTERING AND SHUTTERING (Form work) including dismantling the same after the required intervals from the date of casting including cost of all materials, labour, conveyance, loading and unloading, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer-in-charge. for RCC Beams, column, girder, and bressmer etc	Sqm	625		
17	Form work - Lintels	Providing and fixing strong, rigid, smooth, levelled, and plumbed CENTERING AND SHUTTERING (Form work) including dismantling the same after the required intervals from the date of casting including cost of all materials, labour, conveyance, loading and unloading, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer-in-charge. for RCC Lintels	Sqm	150		
18	Lift charges_Form Work above GF upto FF	Extra for Lift charges for all type of Centering & Shuttering work (Form Work) above ground floor upto First Floor or a part there of.	Sqm	575		
19	M.S. Reinforcement bar work	Straightening, cutting, bending, binding, tying and placing of M.S. Reinforcement bars (Plain or Tor) in position including all cost of M.S. Reinforcement bars & binding wire (20 to 22 gauge), conveyance, T & P, Scaffoldings, labour charges etc. complete as per direction of EIC.	Qntl	162		
20	Lift charges_Renf. Work above GF upto FF	Extra for Lift charges for all type of Reinforcement work above ground floor upto First Floor or a part there of.	Qntl	72		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
21	Ash brick masonry (1:6) foundation	Ash brick masonry in cement mortar(1:6) in foundation and plinth for all type of works of all thickness including all cost, splays cutting, watering, curing, conveyance, T & P, Scaffoldings, royalty of all materials and labour charges etc. complete as per direction of Engg.-in-charge. (Ash brick will be supplied from Ash Brick Plant of OPGC free of cost. Contractor has to arrange his own conveyance for transportation to Site)	Cum	50		
22	Ash brick masonry (1:6) Superstructure	Ash brick masonry in cement mortar(1:6) in Superstructure for all type of works of all thickness including all cost, splays cutting, watering, curing, conveyance, T & P, Scaffoldings, royalties of all materials and labour charges etc. complete as per direction of Engg.-in-charge. (Ash brick will be supplied from Ash Brick Plant of OPGC free of cost. Contractor has to arrange his own conveyance for transportation to Site)	Cum	120		
23	Lift charges_Brick Work above GF upto FF	Extra for Lift charges for all type of Ash Brick Masonary Work above ground floor upto First Floor or a part there of.	Cum	58		
24	Lift charges_Brick Work above FF upto SF	Extra for Lift charges for all type of Ash Brick Masonary Work above First floor upto Second Floor or a part there of.	Cum	13		
25	S & F Colour Coated Trapezoidal sheet	Supply and fixing of colour coated trapezoidal sheets of 0.5mm thick of Everest / Bhusan/ equivalent make including cost of 55x8mm self driven screws as required for fixing the sheets complete including conveyance, lead and lift at site & labour charge required for the work all complete as per the direction of the Engineer-In-Charge.	Sqm	75		
26	Fabrication/ erection of iron work	Supplying, Fabrication and erection of all type of Mild steel Iron work (sectional weight upto 19.8 kg/m) for all type of structures, sheds, grills, doors, fencing posts etc with approved quality (SAIL/ Equivalent make) steel structural, angles, channels, plates of all sections at all levels and elevations, painting with 2 (two) coats of high gross enamel paint over a coat of red oxide primer including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge	Kg	5000		
27	12mm Cement plaster (1:6)	Providing 12mm. thick cement plaster in cement mortar (1:6) over masonry/ CC work, finished smooth after racking out joints including all cost, watering, curing, conveyance, T& P, royalties of all materials, scaffolding and labour charges etc complete as per the direction of Engineer-in-Charge.	Sqm	1200		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
28	16mm Cement plaster (1:6)	16mm. thick cement plaster in cement mortar (1:6) over masonry/ CC work, finished smooth after racking out joints including all cost, watering, curing, conveyance, T & P, royalties of all materials, scaffolding and labour charges etc. complete as per direction of engineer-in-charge	Sqm	900		
29	6mm thick Cement plaster (1:4)	6mm. thick cement plaster in cement mortar (1:4) for all type of ceiling plaster work, RCC Surface with deep chipping and slurry treatment, including all cost, watering, curing, conveyance, T & P, royalties of all materials, scaffolding and labour charges etc. complete as per direction of Engg.-in-charge.	Sqm	650		
30	Neat cement Punning	Extra for Neat cement punning over cement plaster work including all cost, watering, curing, conveyance, T & P, scaffolding and labour charges etc. complete as per direction of EIC.	Sqm	120		
31	40mm Grading Concrete (1:2:4) roof slab	Providing and laying 40mm thick grading concrete (1:2:4) on roof slab using 12mm and down graded size hard granite chips for old work including all cost, conveyance, royalties and labour charges etc complete as per the direction of the Engineer-In-Charge.	Sqm	250		
32	Ceramic Floor tiles 300mm to 500mm size	Providing & fixing 8mm thick 300mm to 500mm Size Ceramic floor tiles of approved make (Somani / Nitco / Kajaria / Johnson / Regency/ equivalent) and approved shade and texture over a bed of average 20mm thick Cement Mortar (1:4) and joints with white cement / tile joint adhesives with required colour pigment including all cost, watering, curing, conveyance, T & P, royalties of all materials, and labour charges etc. complete as per the direction of engineer-in-charge	Sqm	42		
33	Ceramic Glazed tile Skirting/Dado	Providing & fixing 6mm thick ceramic glazed tiles 200mm to 450 mm size of approved make (Somani / Nitco / Kajaria / Johnson / Regency/ equivalent) and approved shade and texture in skirting / dados fixed on average 12mm. thick cement plaster (1:3) and jointed with white cement / tile joint adhesives with required colour pigment including all cost, watering, curing, conveyance, T & P, royalties of all materials, and labour charges etc. complete as per the direction of engineer-in-charge.	Sqm	160		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
34	Vitrified Floor tiles 600mm size	Providing & fixing Vitrified Floor tiles of 600mm x 600mm size of approved make (Somani / Nitco / Kajaria / Johnson / Regency/ equivalent) and approved shade and texture over a bed of average 20mm thick Cement Mortar (1:4) and joints with white cement / tile joint adhesives with required colour pigment including all cost, watering, curing, conveyance, T & P, royalties of all materials, and labour charges etc. complete as per the direction of engineer-in-charge	Sqm	420		
35	Granite Stone tile Flooring	Providing & fixing 10 to 12 mm thick Granite stone tile of approved quality & Texture in platform/ stairs/ floors etc including surfacing, grinding and moulding the noses as required over a bed of average 20mm thick cement mortar (1:4) and joints grouted with cement slurry with required Colour pigment including all cost, watering, curing, conveyance, T & P, royalties of all materials required for the work and labour charges etc complete. as per direction of Engineer-in-charge.	Sqm	8		
36	Painting weathercoat 2 coats over Primer	Providing and painting with weatherproof anti fungal exterior emulsion paint 02 (two) coats over a coat of primer on old / new surface using approved brand and shade weatherproof paint / primer (Asian / Dulux / Shalimar / Berger) including thorough cleaning, rubbing out moss and loose scales etc and preparation of the surface area of application, including, cost, conveyance, T&P, Scaffolding and labour charges etc complete as per the direction of Engineer-in-Charge.	Sqm	1000		
37	Painting Distemper 02 coats over primer	Providing & Painting 02 (two) coats with approved brand & shade Distemper Paint (Asian / Dulux / Salimar / Berger) on old / new surface over a coat of primer including thorough cleaning, rubbing out moss and loose scales etc and preparation of the surface area of application, including all cost, conveyance, T&P, scaffolding & labour charges etc. complete as per direction of Engineer-in-charge.	Sqm	1500		
38	Acrylic Wall Putty (water based)	Providing & applying acrylic wall putty (water based) to get a smooth surface with approved brand & shade wall putty (JK White/ Birla) on old / new surface including thorough cleaning, rubbing out moss and loose scales etc and preparation of the surface area of application, including all cost, conveyance, T&P, scaffolding & labour charges etc. complete as per direction of Engineer-in-charge.	Sqm	1500		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
39	Synthetic enamel 02 coats over primer	Providing & Painting 02 (two) coat with approved brand & shade Synthetic enamel Paint (Asian / Dulux / Salimar / Berger) on old / new wooden or steel surface over a coat of wood primer including thorough cleaning, rubbing out loose scales etc and preparation of the surface area of application, including all cost, conveyance, T & P, scaffolding & labour charges etc. complete as per direction of Engineer-in-charge.	Sqm	100		
40	32mm single leaf commercial flush door	Supplying, fitting and fixing in position Factory made 32mm thick single leaf termite proof commercial flush door confirming to IS:2202 (part 01/1991) of approved brand (Aeon/ Green/ Century) with select seasoned timber and block board core framed with seasoned hard wood battens and bonded at high pressure with phenol form including all cost of materials & labours, conveyance, royalties, T&P, Scaffoldings, sundries etc complete in all respect as per the direction of the Engineer in charge.	Sqm	25		
41	CP Aldrop/ sliding bolt 250mm x16mm	Supplying and fixing approved brand Heavy duty Chromium Plated Iron (CP) door/ window fittings including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg-In- Charge - Aldrop/ sliding bolt 250mm x16mm	No	10		
42	CP Tower bolt 200mm x10mm	Supplying and fixing approved brand Heavy duty Chromium Plated Iron (CP) door/ window fittings including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg-In- Charge - Tower bolt 200mm x10mm	No	10		
43	CP Tower bolt 150mm x10mm	Supplying and fixing approved brand Heavy duty Chromium Plated Iron (CP) door/ window fittings including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg-In- Charge - Tower bolt 150mm x10mm	No	10		
44	CP Bow handle 100mm	Supplying and fixing approved brand Heavy duty Chromium Plated Iron (CP) door/ window fittings including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg-In- Charge - Bow handle 100mm	No	20		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
45	Oxidised iron butt hinges 125mm	Supplying and fixing approved brand heavy duty Oxidised Iron Butt Hinges to door/ window including all cost of materials, stainless steel screws, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge - Hinges 125mm	No	38		
46	Oxidised iron butt hinges 100mm	Supplying and fixing approved brand heavy duty Oxidised Iron Butt Hinges to door/ window including all cost of materials, stainless steel screws, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge - Hinges 100mm	No	165		
47	Door Stopper - medium duty	Supplying and fixing approved brand medium duty aluminium / wrought iron door stopper to doors including all cost of materials, stainless steel screws, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge	No	10		
48	PVC wall buffer upto 75mm	Supplying and fixing approved brand PVC Wall buffer upto 75mm depth to doors including all cost of materials, stainless steel screws, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge	No	10		
49	Providing Steel Scaffolding	Providing, mobilising and erecting Steel Scaffolding as per OPGC safety standard with all safety measures, platforms, toe guards, ladders etc for specialised high rise work upto 15 meters height including dismantling, removing and demobilising the scaffolding materials from site after the completion of work, complete in all respect including all cost, conveyance, labour charges etc complete as per the direction of Engineer in charge.	Sqm	1200		
50	Wall writing / painting	Writing on sign boards / walls etc of all letter & size with synthetic enamel paint base and lettering at all levels and elevations including all cost of materials, conveyance, scaffolding, T & P, sundries etc. complete as per direction of Engineering-in-charge.	Sqm	2		
Sub Total (Part-A)						
Part-B (Water Supply & PH Work)						

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	160mm dia PVC SWR pipe (type-A) Regular	Supplying & fixing PVC SWR pipe (type-A), working Pressure 4kg/cm ² , Regular quality of approved make (Finolex/Supreme/ equivalent) with all fittings, clamps, plain bends, door bends, Tee, sockets etc including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge - 160mm dia PVC SWR pipe (type-A) Regular, working pressure 4kg/cm ² , with fittings	Rmt	30		
2	110mm dia PVC SWR pipe (type-A) Regular	Supplying & fixing PVC SWR pipe (type-A), working Pressure 4kg/cm ² , Regular quality of approved make (Finolex/Supreme/ equivalent) with all fittings, clamps, plain bends, door bends, Tee, sockets etc including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge - 110mm dia PVC SWR pipe (type-A) Regular, working pressure 4kg/cm ² , with fittings	Rmt	50		
3	75mm dia PVC SWR pipe (type-A) Regular	Supplying & fixing PVC SWR pipe (type-A), working Pressure 4kg/cm ² , Regular quality of approved make (Finolex/Supreme/ equivalent) with all fittings, clamps, plain bends, door bends, Tee, sockets etc including all cost of materials, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge - 75mm dia PVC SWR pipe (type-A) Regular, working pressure 4kg/cm ² , with fittings	Rmt	10		
4	PVC SWR P or S trap 110mm dia	Supplying & fixing PVC SWR P or S trap (heavy Duty) of 110mm dia for water closet with all fittings of approved make (Finolex/ Supreme/ equivalent), jointing the pan with cement mortar 1:1, including all cost of materials, Royalties, conveyance, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge	No	2		
5	PVC SWR Gully Trap 110mm & CP Grating	Supplying & fixing PVC SWR Gully trap (heavy duty) 110mm dia with CP Gratings and all fittings of approved make (Finolex/ Supreme/equivalent), jointing the trap with cement mortar 1;1, including all cost of materials, conveyance, royalties, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge	No	14		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
6	CPVC pipes of 20mm dia with fittings	Supplying and Fixing of CPVC pipes (SDR-11) of 20 mm diameter with required CPVC plain & brass threaded pipe fittings (Supreme / Astral/ Prince/ Equivalent) with clamps and jointing with CPVC Solvent Cement including all materials, transportation, loading, unloading, carriage of material to site all complete as per specification as per the direction of the Engineer-In-Charge.	Rmt	20		
7	CPVC pipes of 25mm dia with fittings	Supplying and Fixing of CPVC pipes (SDR-11) of 25 mm diameter with required CPVC plain & brass threaded pipe fittings (Supreme / Astral/ Prince/ Equivalent) with clamps and jointing with CPVC Solvent Cement including all materials, transportation, loading, unloading, carriage of material to site all complete as per specification as per the direction of the Engineer-In-Charge.	Rmt	30		
8	CPVC pipes of 32mm dia with fittings	Supplying and Fixing of CPVC pipes (SDR-11) of 32 mm diameter with required CPVC plain & brass threaded pipe fittings (Supreme / Astral/ Prince/ Equivalent) with clamps and jointing with CPVC Solvent Cement including all materials, transportation, loading, unloading, carriage of material to site all complete as per specification as per the direction of the Engineer-In-Charge.	Rmt	30		
9	Supplying & fixing IWC 580mm long	Supplying & fixing White vitreous Sanitary Fittings Indian water closet pan (IWC) of approved make (Peryware/ Hindware/ equivalent), duly embedded in cement concrete 1;4:8 using hard granite crusher broken chips 40mm size, including all cost of materials, conveyance, royalties labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg- In- Charge - 580mm long	No	2		
10	European Water Closet (EWC)	Supplying and Fixing of White Vetricious Porcelain Wash Down Water Closet (European Type Water Closet Pan) with integral "S" or "P" trap of Hindware / Parryware / Cera or equivalent make all complete as per specification including cost of material, loading & unloading at site, transportation charges, screws, consumables etc all complete as per the direction of the Engineer-in-Charge. (Seat & Cover for EWC is to be paid separately)	No	2		

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11	Seat and Cover for EWC	Supplying and Fixing of EWC Plastic Seat & Cover for wash down water closet fitting as the same size of the EWC supplies of Hindware / Parryware / Cera or Equivalent make with chromium plated brass hinges and rubber buffers all complete as per specification including cost of material, loading & unloading at site, transportation charges, screws, consumables etc all complete as per the direction of the Engineer-in-Charge.	No	2		
12	PVC Low Level Cistern	Supplying & fixing of PVC Low Level Cistern 10 litres capacity with manually controlled device (handle lever) of Hindware / Parryware / Cera make with all fittings and fixtures complete as per specification including cost of material, loading & unloading at site, transportation charges etc all complete as per the direction of the Engineer-in-Charge.	No	4		
13	Flat Back wall urinal (medium)	Supplying and Fixing of White Vetricious Porcelain flat back wall urinal (medium size) 380x580x350mm of Hindware / Parryware / Cera or equivalent make, all complete as per specification including cost of material, loading & unloading at site, transportation charges, screws, consumables etc all complete as per the direction of the Engineer-in-Charge.	No	5		
14	Squatting urinal 450x350mm size	Supplying and Fixing of White Vetricious Porcelain Squatting urinal 450x350mm of Hindware / Parryware / Cera or equivalent make, laying/ grouting with Cement concrete all complete as per specification including cost of material, loading & unloading at site, transportation charges, screws, consumables etc all complete as per the direction of the Engineer-in-Charge.	No	3		
15	PVC Water Storage Tank 1000 litres	Supplying and Fixing Rotational Moulded PVC Cylindrical Vertical Water Storage Tank 1000 litres capacity (Triple Layer) White or Black coloured of Sintex / Himgiri / Supreme or equivalent make including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	2		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
16	Mirror of 600 X 450mm size	Supplying and Fixing of Bevelled Edge Mirror of rectangular size of 600mm X 450mm of superior glass mounted on PVC hard board with all accessories such as CP screws inbuilt (Cera / Saint Gobin or equivalent make) complete as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	4		
17	Glass Shelf 550 x 100mm & CP Guard Rail	Supplying and Fixing of standard sized Glass Shelf 550x100mm chromium plated brass brackets and guard rail of Jaquar make complete fixed to wooden plugs with chromium plated brass screws as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	4		
18	Wash basin 550x450mm	Supplying and Fixing of White Vetricious China Clay Wash Basin size 550x450mm of Hindware/ Parryware/ Cera or equivalent make as per specification including cost of material, screws, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	4		
19	Pedestal for Wash basin	Supplying and Fixing of White Vetricious China Clay Standard Pedestal for Wash Basin of Hindware/ Parryware/ Cera or equivalent make as per specification including cost of material, screws, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	4		
20	C.P Waste Coupling 32mm dia	Supplying and Fixing of C.P Brass waste coupling of 32mm nominal diameter for wash basin and sink of Jaquar/ equivalent make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	9		
21	C.P Long Body Bib Cock 15mm dia	Supplying and fixing of 15 mm dia C.P Brass long body bib cock with accessories of Jaquar make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	5		

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22	C.P Two-way Bib Cock 15mm dia	Supplying and fixing of 15 mm dia C.P Two-way bib cock with accessories of Jaquar make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	4		
23	C.P Pillar Cock 15mm dia for Wash basin	Supplying and fixing of 15 mm dia C.P Pillar Cock for wash basin with accessories of Jaquar make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	4		
24	C.P Concealed Stop Cock 15mm dia	Supplying and fixing of 15 mm dia C.P Concealed Stop Cock with accessories of Jaquar make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	8		
25	C.P Angular Stop Cock 15mm dia	Supplying and fixing of 15 mm dia C.P Angular Stop Cock with accessories of Jaquar make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	8		
26	C.P Towel Rod 600mm x 20mm dia	Supplying and Fixing of 600mm long X 20mm dia standard sized chromium plated brass towel rod complete with chromium plated brass brackets fixed to wooden plugs and all other accessories of Jaquar make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	4		
27	C.P Health Faucet (Hand Shower) 15mm dia	Supplying and Fixing of Chromium Plated Health Faucet (Hand Shower) 15mm dia along with the connection pipe and all other accessories of Jaquar make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	4		
28	PVC Connection Pipe 15mm dia	Supplying and Fixing of 15mm dia PVC inlet connection pipe with all accessories of Hindware / Cera / Prayag or Equivalent make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	8		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
29	PVC Waste Pipe 32mm dia	Supplying and Fixing of 32mm dia and length not less than 700mm semi rigid PVC waste pipe for sink/ wash basin/ urinal etc with all accessories of Prayag / Cera / Astral or equivalent make including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	9		
30	Brass Ball Cock / Float Valve 25mm dia	Supplying and Fixing of Brass Ball Cock / Float Valve (Horizontal plunger type) of 25mm dia nominal bore along with rod arm and PVC ball and all other accessories of Prayag / Supreme / Astral or equivalent make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	2		
31	CPVC Ball Valve 32mm dia	Supplying and Fixing of CPVC Ball Valve of 32mm dia nominal bore and all other accessories of Prayag / Supreme / Astral or equivalent make as per specification including cost of material, loading & unloading at site, transportation charges, etc all complete as per the direction of the Engineer-in-Charge.	No	2		
Sub Total (Part-B)						
Part-C (Electrical Work)						
1	Group-A Point wiring	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single cable etc. as required. 1.5sqmm ISI marked , FRLS PVC insulated single core copper conductor cable= 2X3 + 1x1.5=7.5m (Group-A) including all cost, conveyance and labour as per direction of Engineer in Charge	Points	18		
2	Group-B Point wiring	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single cable etc. as required. 1.5sqmm ISI marked , FRLS PVC insulated single core copper conductor cable= 2X4 + 1x2=10m (Group-B) including all cost, conveyance and labour as per direction of Engineer in Charge	Points	20		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
3	Group-C Point wiring	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single cable etc. as required. 1.5sqmm ISI marked , FRLS PVC insulated single core copper conductor cable= 2X5 + 1x2.5=12.5m (Group-C) including all cost, conveyance and labour as per direction of Engineer in Charge	Points	40		
4	Wiring of twin control light point	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.1.5sqmm ISI marked , FRLS PVC insulated single core copper conductor cable= 2X5 + 1x2.5=12.5m including all cost, conveyance and labour as per direction of Engineer in Charge	Points	2		
5	Wiring of Light/ power plug _2x4 sq.mm	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. 4sqmm ISI marked , FRLS PVC insulated single core copper conductor cable= 50.5X3= 151. 5m	Mtr	70		
6	Wiring for circuit 2x2.5sqmm & earthwire	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire including all cost, conveyance and labour as per direction of Engineer in Charge	Mtr	96		
7	Wiring for circuit 2x6 sqmm & earth wire	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2 X 6 sq. mm + 1 X 6 sq. mm earth wire including all cost, conveyance and labour as per direction of Engineer in Charge	Mtr	56		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
8	Metal Box 200 mm X 150 mm X 60 mm	Supplying and fixing metal box of 200 mm x 150mm x 60mm sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	6		
9	5/6 amps piano type switch	Supplying and fixing 5/6 amps piano type switch on the existing switch box/ cover including connections etc. as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	8		
10	15/16 amps piano type switch	Supplying and fixing 15/16 amps piano type switch on the existing switch box/ cover including connections etc. as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	8		
11	3pin 5amps piano type socket outlet	Supplying and fixing of 3pin 5amps piano type socket outlet on the existing switch box/ cover including connections etc. as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	8		
12	6pin 15/16 amp piano type socket outlet	Supplying and fixing of 6pin 15/16 amps piano type socket outlet on the existing switch box/ cover including connections etc. as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	8		
13	Erection of wall bracket/ceiling fitting	Erection of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS lamps per fitting, complete with all accessories including connection etc. as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	58		
14	ITC of ceiling fan	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable etc. as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	16		
15	ITC of exhaust fan	Installation of exhaust fan upto 450mm sweep in the existing opening, including making good the damage, connection, testing, commissioning etc. as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	4		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
16	6 way double door MCB distribution board	Supplying and fixing of 6 way double door, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) including all cost, conveyance and labour as per direction of Engineer in Charge	No	2		
17	12way double door MCB distribution board	Supplying and fixing of 12 way double door, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) including all cost, conveyance and labour as per direction of Engineer in Charge	No	1		
18	5-32A rating SP MCB C-curve, 10KA	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of single pole 10 amp in the existing MCB DB complete with connections, testing and commissioning etc. as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	12		
19	5A to 32A rating TPN MCB C-curve, 10KA	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of triple pole and neutral in the existing MCB DB complete with connections, testing and commissioning etc. as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	2		
20	40 A four pole, 415 volts, RCCB	Supplying and fixing 40 A rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	2		
21	Earthing copper earth plate 600X600X3mm	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required including all cost, conveyance and labour as per direction of Engineer in Charge	No	2		

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Sl.	Short	Detail Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
22	4mm dia copper wire for loop earthing	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required including all cost, conveyance and labour as per direction of Engineer in Charge	Mtr	25		
23	Ceiling Fan & Regulator, 230 VAC, 1200mm	Supplying of approved quality of Ceiling Fan & Regulator, 230 VAC, 1200mm including all cost, conveyance and labour charges etc. complete as per direction of Engineer-in-charge.	No	16		
24	Exhaust Fan with guard, 230 VAC, 305mm	Supplying of approved quality of Exhaust Fan with guard, 230 VAC, 305mm including all cost, conveyance and labour charges as per direction of Engineer-in-charge.	No	4		
25	20W LED Tube light retrofit 4 feet	Supplying of 20W LED Tube light retrofit 4 feet including all cost, conveyance and labour charges etc. complete as per direction of Engineer-in-charge.	No	50		
26	120W LED Flood light fitting	Supplying of 120W LED Flood light fitting including all cost, conveyance and labour charges etc. complete as per direction of Engineer-in-charge.	No	12		
Sub Total (Part-C)						
GRAND TOTAL (Part A +B +C) EXCLUDING GST						
GST SHALL BE EXTRA AT ACTUAL						