



DAV PUBLIC SCHOOL

ISHWAR COLONY, BAWANA, DELHI - 110039

Ref No.:DAV/BN/2025/3696/787

Dated : 07/07/2025

TENDER NOTICE

1	Name of the works	Façade, Shifting of DG, Extension of First Floor Area
2	Time of completion	120 Days
3	Date of Tender Notification	07.07.2025
4	Last Date/Time for Receipt of Bids	10.07.2025
5	Cost of Tender Document	Rs 3000/-
6	Estimated value of tender	Rs 31,00,000/-
7	Name and Address of office Inviting Tender	DAV Public School, Bawana, Delhi.
8	Contact Number	9910456227, 8826825154

GENERAL TERMS & CONDITIONS

1. Financial and Tax Considerations:

- The school will only be responsible for taxes and charges explicitly mentioned in the quotation.
- Statutory TDS (Tax Deducted at Source) will be deducted as per Income Tax Department regulations.
- Quoted rates shall be inclusive of all taxes and duties.

2. Tender Evaluation and Selection:

- The school management reserves the right to:
- Not accept the lowest quotation
- Accept the quotation partially or fully
- Select specific articles or the entire list as deemed appropriate
- Upon acceptance, the quotation becomes a binding contract

MANAGED BY-DAV COLLEGE MANAGING COMMITTEE, CHITRA GUPTA ROAD, DELHI-110055

Phone : 8826825154 • E-mail : bawanadav@gmail.com

Website : www.davpsbawana.com



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3. Contractor Qualifications and Obligations:

- Contractors must:
- Comply with Government of Delhi and Government of India regulations
- Have prior experience completing works of similar tender value
- Obtain drawing, material and all other approval from the Architect and school management before commencing site work

4. Pre-Tender Site Briefing:

- A mutually agreed date will be set by the Architect and Principal to:
- Explain project details to all potential bidders
- Provide an on-site overview of the renovation work
- Ensure all bidders have a comprehensive understanding of project requirements

5. Scope and Flexibility of Work:

- Quantity of articles may be increased or decreased at the school's discretion
- Work must be executed according to CPWD (Central Public Works Department) specifications
- Rates quoted shall remain fixed throughout the renovation period

6. Payment and Security:

- Payment will be made via account payee cheque
- Payments processed through running bills after work completion and architect approval
- 10% security deposit will be retained for 12 months (Defect Liability Period)

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7: Penalties and Liabilities:

- Non-completion of work within stipulated time may result in penalties
- Exceptions considered for special circumstances
- Contractor responsible for:
 - Any damage to school property during work execution
 - Compensating for losses or damages
 - Following compliance requirements of local authorities (MCD/DDA)

8. Tender Submission:

- Quotations not meeting these conditions are liable for rejection

9. Contractual Obligations: The submission of a tender constitutes a binding legal offer, and upon acceptance by the school management, shall form a legally enforceable contract between the contractor and the institution. The contractor shall be fully responsible for complying with all statutory regulations, local municipal laws, labour laws, tax regulations, and contractual specifications as outlined in the tender document.

10. Jurisdiction and Dispute Resolution: Any disputes arising from this tender or subsequent contract shall be subject to the exclusive jurisdiction of courts located in Delhi. Disputes shall first be attempted to be resolved through mutual negotiation and mediation. In the event of unresolvable disagreements, arbitration shall be conducted as per the Arbitration and Conciliation Act, with an arbitrator mutually appointed by both parties. The arbitration proceedings shall be conducted in Delhi.

Bimla Rana
7.7.2025

(Bimla Rana)

Incharge

INCHARGE

D.A.V. PUBLIC SCHOOL
BAWANA, DELHI-110039

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BOQ FOR BUILDING FACADE, DAV PUBLIC SCHOOL,BAWANA,DELHI

S.No	DSR No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
1	NS	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including:	151.5	Sqm		
		(a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design.				
		(b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with Kynar 500 based PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. Brand : ALSTONE/ ALDEKO or equivalent				
		(c) The fastening brackets of Aluminium alloy 6005 T5 / MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing. The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. The cost of aluminium frame is included and shall not be paid extra.Base frame work for ACP cladding is included in this item only no extra payment shall be made.				
		The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance characteristics all complete , as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer-in-Charge. However, for the purpose of payment, only the actual area on the external face of the curtain wall with Aluminum Composite Panel Cladding (including width of groove) shall be measured in sqm. up to two decimal places.				
2	NS	Providing and fixing factory-made main gate fabricated from MS (mild steel) sections conforming to IS: 2062, including verticals, horizontals, and diagonal bracings of appropriate sizes and thicknesses as per approved design. The gate shall have: -Frame: Rectangular hollow sections (RHS) or square hollow sections (SHS) with a minimum wall thickness of 3.0 mm, duly welded and reinforced for stability. -Panels: MS sheets of 16-gauge thickness or as per design, with cutouts or decorative perforations, as approved. -Finish: Gate surface finished with one coat of anti-corrosive primer and two - three coats of duco paint of approved shade,	13.74	Sqm		

3		Electrical Work				
3.1	NS	Supply & laying of copper wire in conduits (1.5–2.5 sq.mm)	300	Rmt		
3.2	NS	LED facade lights (IP65-rated, wall washers/strip/floodlights)	40	Nos		
3.3	NS	Supply & installation of DBs, MCBs, ELCBs for zoning	4	Set		
3.4	NS	Installation, fixing, and testing of fixtures and circuits	1	Job		
3.5	NS	Provision for control (manual/timer-based switch controls)	2	Set		
4	NS	Civil work (As per requirement if plaster found loose and needs repair/any brick work needs to be done etc. including dismantling of plaster, wall if required, complete as per requirements and instructions at site)	1.00	LS		
5	13.112	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade :				
6	13.112.1	Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing cement paint surface.				
7	13.8	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. Make :- JK., Birla				
8		Plumbing Work				
8.1		Providing and fixing 150 mm dia PVC (SWR) rainwater pipe including jointing with rubber ring/socket	metre	32		
8.2		Providing and fixing 150 mm dia SWR PVC bend, shoe, or elbow	each	8		
8.3		Providing and fixing GI/MS clamps for pipe support at every 1.5m	each	24		
8.4		Connecting rainwater pipe to existing manhole/chamber	each	4		
8.5		Repairing damaged plaster after pipe removal and making good with 12 mm cement plaster (1:6)	sqm	15		
8.6		Providing and fixing 110 mm dia PVC vent pipe with necessary bends/sockets	metre	10		
9		Openings change				
9.1	9.147A	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc.				
		After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod pf approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge.				

		Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS:16231 shall be paid separately.				
		Note:- Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for:				
		(i) Sites with basic wind speed > 45 m/sec as per IS 875 - Part 3				
		(ii) Sites with structure height more than 20m for all wind speeds.				
	9.147.A1	Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body. (Rate only)	1	Sqm		
	9.147.A1.1	Using R2 series with frame (40mm & above) x (40mm & above) & sash (25mm & above) x (50mm & above) with zinc alloy (zamak) powder coated touch locks with hook (Height upto 1.2 meter)	10	Sqm		
10	15.6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	11.31	Cum		
11	14.72	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it there after. The scaffolding system shall be stiffened with bracings, runners, connection with the building etc wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment shall be made once irrespective of duration of scaffolding. Note: - This item to be used for maintenance work judicially, necessary deduction for scaffolding in the existing item to be done.				
		All the rates are inclusive of GST			Grand Total	

BOQ for shifting Generator from Ground Floor to First Floor at DAV Public School, Bawana, Delhi

S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE	AMOUNT
A	Civil Works				
1	Dismantling of existing foundation and preparation of site	Job	1		
2	Preparation of RCC foundation (M20 grade) for DG set on first floor existing RCC slab as per structural design.	Cum	2.5		
3	Anti-vibration mounting pad preparation with PCC 1:2:4	Sqm	4		
4	Supply and laying of fine sand for vibration absorption, 150mm thick	Cum	0.6		
5	Supply and placing of 20mm thick anti-vibration rubber pads conforming to IS standards	Sqm	4		
6	MS framework for support and base frame	Kg	120		
					0.00
B	Mechanical Works				
1	Dismantling of DG set from existing location	Job	1		
2	Heavy machinery lifting charges for moving DG set to first floor including crane/hydra charges	Job	1		
3	Installation and precise positioning of DG set at new location	Job	1		
4	Supply and installation of exhaust pipe (MS Class C) with thermal insulation including supports	RM	15		
5	Acoustic enclosure repair/modifications (if required during shifting)	Job	1		
C	Electrical Works				
1	Dismantling of existing electrical connections	Job	1		
2	Supply and laying of power cables (3.5 core x 70 sq.mm XLPE Aluminum Armoured)	RM	40		
3	Supply and laying of control cables (2.5 sq.mm copper)	RM	50		

4	End termination of power cables with suitable glands and lugs	Set	2		
5	AMF panel repositioning and reconnection	Job	1		
D	Earthing Works				
1	Supply and installation of copper plate earthing as per IS 3043	Set	2		
2	Supply and laying of 25x3mm copper earth strip from earthing pit to DG	RM	40		
3	Supply and laying of 8 SWG copper wire for body earthing	RM	50		
E	Testing and Commissioning				
1	Testing of DG set, load trials, and commissioning at new location	Job	1		
2	Preparation of test reports and documentation	Job	1		
F	Miscellaneous Items				
1	Fuel piping modifications and connections	Job	1		
2	Fresh diesel for testing (100 liters)	Liters	100		
3	Painting and finishing of all exposed surfaces	Job	1		
	Grand Total				
	All the rates are inclusive of GST				

**BOQ FOR EXTENSION AT FIRST FLOOR (LIBRARY, TOILETS, DRINKING WATER AREA), DAV PUBLIC
SCHOOL,BAWANA,DELHI**

S.No.	DSR code no	Description of Items	Quantity	Unit	Rate	Amount
	5	Reinforced cement concrete				
1	5.3	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, excluding 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 sizederived from natural sources).	21.99	Cum		
2	5.9	Centering and shuttering including strutting, propping etc. and removal of form for :				
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	0.00	Sqm		
	5.9.3	Suspended floors, roofs, landings, balconies and access platform	111.40	Sqm		
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	40.00	Sqm		
	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	0.00	Sqm		
	5.9.7	Stairs, (excluding landings) except spiral-staircases	10.00	Sqm		
	5.9.18	Small surfaces such as cantilever ends, brackets and ends of steps, caps and bases to pilasters and columns and the like	0.00	Sqm		
	5.9.21	Lintels, beams, plinth beams, girders, bressumers and cantilevers with water proof ply 12 mm thick	7.00	Sqm		
3	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	4000.00	Kg		
	6	Masonry Work				
1	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
	6.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	3.33	Cum		
2	6.13	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.				
	6.13.1	Cement mortar 1:3 (1 cement :3 coarse sand)	10.00	Sqm		
	9	Wood & PVC Work				
1	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
	9.1.1	Second class teak wood	0.05	Cum		
2	9.5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note: Butt hinges and necessary screws shall be paid separately)				
	9.5.1	Second class teak wood				
	9.5.1.1	35 mm thick shutters	3.00	Sqm		

3	9.147A	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc.				
		After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod pf approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge.				
		Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS:16231 shall be paid separately.				
		Note:- Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for:				
		(i) Sites with basic wind speed > 45 m/sec as per IS 875 - Part 3				
		(ii) Sites with structure height more than 20m for all wind speeds.				
	9.147.A1	Two track two panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.				
	9.147.A1.1	Using R2 series with frame (40mm & above) x (40mm & above) & sash (25mm & above) x (50mm & above) with zinc alloy (zamak) powder coated touch locks with hook (Height upto 1.2 meter)	6.00	Sqm		
	9.147.A1.3	Using R4 series with frame (64mm & above) x (45mm & above) & sash (44mm & above) x (55mm & above) with zinc alloy (zamak) powder coated handle on every panel along with multi-point locking system (Height above 1.8m).	1.00	Sqm		
	11	Flooring				
1	11.26	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1:4 (1 cement : 4 coarse sand):				
	11.26.1	25 mm thick	111.4	Sqm		
2	11.27	Kota stone slabs 20mm thick in risers of steps, skirting, dado & pillars laid on 12mm (average) thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of slabs, including rubbing and polishing.	30	Sqm		
	12	Roofing				
1	12.21	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10mm and down gauge) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :				
	12.21.1	In 75x75mm deep chase	49.73	Meter		
2	12.22	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1mx1mx400micron, finished with 12mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	4.00	Each		
3	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
		(i)Single socketed pipes.				

	12.41.1	75 mm diameter	0.00	m		
	12.41.2	110 mm diameter	60.00	m		
4	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
	12.42.1	Coupler				
	12.42.1.1	75mm	0.00	Nos		
	12.42.1.2	110mm	5.00	Nos		
	12.42.2	Single pushfit Coupler :				
	12.42.2.1	75mm	0.00	Nos		
	12.42.2.2	110mm	5.00	Nos		
	12.42.3	Single tee with door				
	12.42.3.1	75x75x75 mm	0.00	Nos		
	12.42.3.2	110x110x110 mm	2.00	Nos		
	12.42.4	Single tee without door				
	12.42.4.1	75x75x75 mm	0.00	Nos		
	12.42.4.2	110x110x110 mm	1.00	Nos		
	12.42.5	Bend 87.5°				
	12.42.5.1	75 mm bend	0.00	Nos		
	12.42.5.2	110 mm bend	3.00	Nos		
6	12.43	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
	12.43.1	75 mm	0.00	Nos		
	12.43.2	110 mm	10.00	Nos		
7	12.44	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	4.00	Each		
	13	Finishing				
1	13.1	12 mm cement plaster of mix :				
	13.1.1	1:4 (1 cement: 4 fine sand)	350.60	Sqm		
2	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	461.60	Sqm		
3	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade				
	13.47.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm) Make : Asian, Berger, Birla opus)	175.30	Sqm.		
4	13.83	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre. of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
	13.83.1	One coat.	0.00	Sqm		
	13.83.2	Two coats.	286.30	Sqm		
	15	Dismantling and Demolition				
1	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	5.00	Cum		
2	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	1.00	Cum		
3	15.5	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer in-charge.	10.00	Sqm		
4	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge..				
	15.7.4	In cement mortar	1.00	Cum		

5	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead	50.00	Sqm.		
6	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
	15.12.2	Of area beyond 3 sq. metres	2.00	No.		
7	15.13	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:				
	15.13.2	Of area beyond 3 sq. metres	2.00	No.		
8	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	7	cum		
	17.00	Sanitary Installations				
1	17.5	P/F White vitreous china flat back half stall urinal of size 580x380x350mm with PVC automatic flushing cistern, with fittings ,standard size CP brass flush pipe , spreader with union and clamps (all in CP brass) with waste fitting as per IS:256 , CI trap with outlet grating and other coupling in CP brass,i/c trap outlet grating and other coupling in CP brass i/c painting of fittings and cutting and making good the walls and floors wherever required.				
	17.5.1	Single half stall urinal with 5ltr PVC automatic flushing cistern	3	each		
2	17.3	P/F PVC waste pipe for sink or wash basin i/c PVC waste fittings complete				
3	17.28.1	flexible pipe 32mm	4	each		
	18.0	Water Supply				
1	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes , having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. :Concealed work, including cutting chases and making good the walls etc.				
	18.8.2	20 mm nominal outer dia Pipes	45.00	mtr		
2	18.7	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. : Internal work - Exposed on wall				
	18.7.3	25 mm nominal outer dia Pipes	8.00	mtr		
	18.7.4	32 mm nominal outer dia. Pipes.	20.00	mtr		
	22	Waterproofing				

1	22.70	<p>Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:</p> <p>(a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment.</p> <p>(b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.</p> <p>(c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge.</p> <p>(d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep.</p> <p>(e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. "All above operations to be done in order and as directed and specified by the Engineer-in-Charge":</p>				
		With average thickness of 120mm and minimum thickness at khurra as 65 mm.	130.00	sqm		
		Electrical Works				
	1.1	Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sqmm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5mm sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	1.10.3	Group C	25.00	nos.		
	1.14.2	wiring for circuit/submain wiring alongwith earth wire with the following size of FRLS PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit with modular switch, modular plate, suitable GI box and earthing the point with 2.5mm sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. as required				
	1.14.2	2x2.5+1x2.5sqmm earth wire	200.00	mtr		
	19	Supply,Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation : B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min, 350 RPM (tolerance as per IS : 374 - 2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise = 75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	6.00	nos.		
		Non- Scheduled				
1	NS	P/F White vitreous china wall hung WC of make Hindware italian series CHARM cat no.92620 of size 51x37x38cm complete i/c seat cover,jet spray, WC connector ,wall bracket, fasteners, PVC bend all complete as per requirement at the site	6	each		
2	NS	P/F White vitreous china counter top wash basin of make Somany of size 48x36.5x13.5cm complete i/c CP brass jalli, cutting holes for waste jaali, silicon as per requirement at the site	4	Each		

3	NS	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in- Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cementmortar 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. Basic Rate of Tile : Rs 45/sqft	100.33	Sqm		
4	NS	P/F CP brass long pillar cock for counter top wash basin single lever of Volga or equivalent i/c making hole in existing granite slab as required all complete as per satisfaction of E.I.C	4.00	nos		
5	NS	P/F CP brass bib cock of make Volga or equivalent complete all as per satisfaction of EIC	2.00	nos		
6	NS	P/F CP brass angular stop of make Volga or equivalent complete all as per satisfaction of EIC	2.00	nos		
7	NS	Supplying and fixing healthfaucet of Volga or equivalent make (Basic cost 700/-)	6.00	nos		
8	NS	P/F PVC Chromomium plated liquid soap dispenser of approved make to be fixed on wall with necessary gitti nad screws as required all complete as per requirement at the site (basic cost Rs 450/-each)	4.00	nos		
9	NS	P/F CP Brass fush valve lever operated of make Jaquar for wall hunG WC complete i/c CP brass nipple, CPVC fta ELBOW as required all complete as per requirement at the site	6.00	each		
10	NS	Supply,Installation, Testing and Commissioning of following surface/recessed type fluorescent tube lighting fixtures complete with lamps, control gear and low cost CW ballasts,ceiling fan and bracket fans (make :phillips,wipro,Syska,havells or equivalent				
10.1		4'-0" LED surface light	10.00	nos.		
10.2		Exhaust Fan 12" (High flow)	3.00	nos.		
11	NS	Supplying and laying heavy-duty PVC conduit 25 mm dia in RCC slab before casting including fixing with GI wire and clamps	150	metre		
12	NS	Supplying and fixing metal fan boxes (ISI marked) in RCC slab before casting	10	each		
13	NS	Supplying and fixing PVC deep junction boxes in RCC slab before casting	20	each		
		All the rates are inclusive of GST			G.TOTAL	