



SAST/CLPC/ACU-BGSMCH(NGH)/- 98- /2025-26

15.09.2025

TENDER NOTIFICATION

The Head, CLPC, Sri Adichunchanagiri Shikshana Trust invites closed tenders from eligible tenderers or bonafide licensed manufacturer (OEM) or their authorized local supplier/ dealer/ distributor in the state of Karnataka for the Supply and Installation of Internal Plumbing works at Nursing Girls hostel Nagarur. as per section I & II.

01	Name of the work	Procurement of Internal Plumbing works at Nursing Girls hostel Nagarur.
02	Last Date for Tender Submission	On or before 22.09.2025, 5:30pm.

Section-1

Instructions to Tenderers

- 1) The Tenderer shall submit the bids (Technical & Financial bids) through the mail id: **clpchead@bgscet.ac.in** on or before the last date of tender submission (for any or all list of items) on professional business letterheads only. The details to be printed on the letter head is as follows
 - i) Tender for Procurement of Internal Plumbing works at Nursing Girls hostel Nagarur.
 - ii) Tender Reference number **ACU/AUTY/CLPC/_____ Dated on _____, BGSMCH/ACU/_____ /2025-26**
 - iii) Address to "The HEAD, CLPC, Sri Adichunchanagiri Shikshana Trust, BGSCET Campus, Mahalakshimpuram, Bengaluru - 560086"
 - iv) The tenderer shall submit the original documents to this office on the last day of submission for verification who prefers to submit the tender through Post can dispatch the same through Registered post / Speed post or Couriers as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, Head of CLPC will not be liable or responsible for the same.
- 2) **Tender Currency:** Prices shall be quoted in Indian Rupees only.
- 3) **AMC/CMC (IF ANY)** is subject to the Sri Adichunchanagiri shikshana trust's norms.
- 4) **Warranty:** 1 Years
- 5) **Amendment of tender documents:** At any time prior to the deadline of submission of tenders the trust may, for no reason, whether as its own initiative or otherwise modify the tender documents by amendment. Sri Adichunchanagiri Shikshana Trust reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.
- 6) **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 years of ITR declaration inside the envelope and the company contact details with email id on the in the below mention format in annexure -



- 7) **Tender Prices:** Prices indicated on the price schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and the other taxes already paid or payable. Any Indian duties, sales and other taxes which will be payable on the goods if the contract is awarded. Conditional tenders will not be considered. The bidder has to give the quotation in the below enclosed format in annexure – 2.
- 8) **Validity of the Bid:** 90 days from the last date of submission of bid.
- 9) **Corrupt or Fraudulent practices:** Sri Adichunchanagiri Shikshana Trust requires that the tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In purchase of this policy:
- a) Will reject a proposal for award if it determines the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - b) Will declare a firm ineligible, either indefinitely or for the stated period of time, to be awarded a university contract if it any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a trust contract.
- 10) **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of tenders and recommendations for the award of contract will not be disclosed to tenderers or any other persons not officially concerned with such process until the award to the successful tenderer has been announced. Any effort by a tenderer to influence the employer's processing of tenders or award decisions may result in rejection of his tender.
- 11) **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of tenders the employer may, at his discretion, ask and tenderer for clarification of his tender, including breakdowns of unit rates. The request for clarification and the response shall be writing or by cable, but no change in the price or substance of the tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the employers in the evaluation of the tenders.
- 12) **Delivery:** The successful BIDDER should commence the service as per the tender document/work or purchase order. For any queries or assistance, please write to clpchead@bgscet.ac.in or telephone to +91- 9448270489.
- 13) **Penalty Clause:** Non-execution of supply order – for the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages
- a) For the delayed supply (3 days of grace period) – 5% deduction
 - b) Quantity issues – 5 % deduction
 - c) Quality issues – 10% deduction



Section-2

NURSING GIRLS HOSTEL INTERNAL PLUMBING BOQ			
Sl No	DESCRIPTION	QUANTITY	UNIT
	FIXING OF SANITARY FIXTURES, ACCESSORIES AND BATHROOM FITTINGS		
	(Note : The supply of sanitary fixtures and bathroom fittings shall be made by the owner. The contractor has to receive, store, transport and handle the goods in proper manner. Any breakage & wastage will be in contractor's account. The contractor has to receive, install & erect them as required and as per the specifications and manufacturer's guidelines upto the satisfaction of Engg-in-charge and architect. The work involves fixing and testing in position of all items including threading the pipes, cutting and making good the walls and floors where required, painting of any exposed part where ever required, supply and fixing of minor accessories such as C P screws, nuts, washers, wooden cleats, rawl plugs, teflon taps, hex nipples, required ext nipples, lappa and white cement. etc to complete the work.		
1	Fixing of vitreous china European W.C. pan P/S trap, wall hung type with plastic seat and lid with C.P. brass hinges & rubber buffers, L bracket/chair with all fittings and brackets complete. (suitable for concealed type flushing cistern)	164	Nos
2	Fixing of flush valve wc-32mm with chrome cover plate complete in all respects.	164	Nos
3	Fixing of vitreous china over or under counter Wash Basin of any size with CI/MS brackets C P waste, P.V.C. waste pipe up to drain point complete	196	Nos
4	Fixing of vitreous china Flat back / corner Wash Basin of any size with CI/MS brackets C P waste, P.V.C. waste pipe up to drain point complete	Ro	Nos
5	Fixing of single or double bowl Stainless steel sink / white vitreous China Laboratory sink of any size with or without drain board with CI/MS brackets, waste jali and P.V.C. waste pipe up to the floor trap complete	1	Nos
6	Fixing of C.P. / PVC 32 / 40 mm dia Bottle trap for wash basin / sink.	197	Nos
7	Fixing of vitreous china integrated type urinal with sensor flushing system, bottle trap etc complete		M
8	Fixing of HPL Modular urinal partition complete		Nos
9	Fixing of CP brass short / long body bib cock	196	Nos.
10	Fixing of CP brass angle valve	406	Nos.

11	Fixing of C.P. Brass health faucet with bracket.	164	Nos
12	Fixing of C P toilet paper holder	164	Nos
13	Fixing of CP brass single hole / single lever wash basin mixture / pillar tap	196	Nos.
14	Fixing of CP brass wall / table mounted sink mixture / sink tap	1	Nos.
15	Fixing of C.P. connection pipe	197	Nos
16	Fixing of mirror of any size complete	196	nos
17	Fixing of ABS body liquid soap dispensator.	42	Nos
18	Fixing of C.P. Brass Double coat Hooks.	164	Nos
19	Fixing of CP brass concealed stop cock		Nos.
20	Fixing of SS / ABS body Automatic hand dryer including electrical connections.	1	Nos
21	Fixing 15 mm dia. inlet C.P. brass shower head with arm.	198	nos.
22	Fixing 15mm NB C.P. brass single lever Mixture (Divertor)/ 2 in 1 wall mixtures.	198	nos.
23	Fixing 15 mm dia C.P. brass wall mounted spout.	198	nos.
24	Fixing 450 mm long C. P. brass towel rail.	198	nos.
25	Fixing C.P. brass soap dish.	198	nos.
WATER SUPPLY PIPES AND FITTINGS			
1	Providing, fixing, jointing and testing in position CTS-SDR 11, class-1 CPVC Pipes (pressure rating 28 kg/cm ² at 23°C and 7 kg/cm ² at 82°C) confirming to IS : 15778-2007, ASTM D-2846, UV resistant, suitable for cold and hot water supply in concealed or exposed works complete with all necessary fittings i.e. elbows, tees, bends, couplers, reducers, unions, plugs, clamps at every 1 m spacing (on terrace the pipes shall be supported at suitable interval and inside ducts these shall be properly clamped through duct walls by rubber lined G.I. U strap clamp / bracket) including brass threaded transition fittings between CPVC / uPVC / GI / CP i.e. brass adopter (both male and female threaded tee / elbows / couplers) including jointing the pipe and fittings by solvent cement as per ASTM F 493 and by teflon tape on threaded ends and properly clamped. (The price Includes cutting chases and making good the walls). <u>(OHT filling line, outlet pipe from terrace tank to terrace ring / pipe, Terrace ring / pipe, inside shaft d/n take, Inside Toilet pipe)</u>		
	All termination points for installation of faucets shall have brass terminal fittings including building expansion loop wherever pipe crosses exp joint and thermal expansion loop for hot water distribution, complete as required by the Engg-in-charge for proper completion of the work.		





	15 mm dia	Ro	R.M.
	20 mm dia	6345	R.M.
	25 mm dia	485	R.M.
	32 mm dia	440	R.M.
	40 mm dia	350	R.M.
	50 mm dia	550	R.M.
	65 mm dia	150	R.M.
	80 mm dia	275	R.M.
	100 mm dia	312	R.M.
	150 mm dia	24	R.M.
2	Providing & fixing of hand lever operated CPVC ball valve type isolating valve including solvent welded joint as required. (Domestic and Flushing water line)		
	15 mm nominal bore	Ro	Nos.
	20 mm nominal bore	Ro	Nos.
	25 mm nominal bore	1	Nos.
	32 mm nominal bore	1	Nos.
	40 mm nominal bore	14	Nos.
	50 mm nominal bore	54	Nos.
	65 mm nominal bore	1	Nos.
	80 mm nominal bore	4	Nos.
	100 mm nominal bore	3	Nos.
	150 mm nominal bore	1	Nos.
3	Providing & fixing of hand lever operated CPVC ball valve type isolating valve including solvent welded joint with CPVC pipes as required. (Hot water line)		
	15 mm nominal bore		Nos.
	20 mm nominal bore	43	Nos.
	25 mm nominal bore	21	Nos.
	32 mm nominal bore		Nos.
	40 mm nominal bore	1	Nos.



	50 mm nominal bore	2	Nos.
	65 mm nominal bore	1	Nos.
4	Providing and fixing C I body flanged strainer fabricated out of 1.6 mm thick Stainless Steel 304 sheet with 3 mm dia hole complete. (<i>Domestic & Flushing outlet from terrace tank</i>)		
	100 mm dia	1	Nos.
	150 mm dia	1	Nos.
5	Supply, Installation, Testing & Commissioning of Thermal Insulation on hot water supply pipes using Nitrile Rubber (Fire Retardant Class O Grade) Insulation Pipe Sections, Fevicol SR-998 / Equal Adhesive & 50 mm Wide x 3 mm Thick Joint Sealing Nitrile Rubber Tape. Nominal diameter of Pipes and insulation thickness in mm as indicated below: (Exposed work on terrace / ducts)		
	15 mm dia pipe (9 mm thick insulation)	Ro	M
	20 mm dia pipe (9 mm thick insulation)	2055	M
	25 mm dia pipe (13 mm thick insulation)	210	M
	32 mm dia pipe (13 mm thick insulation)	30	M
	40 mm dia pipe (13 mm thick insulation)	110	M
	50 mm dia pipe (19 mm thick insulation)	75	M
	65 mm dia pipe (19 mm thick insulation)	65	M
6	Supply, Installation, Testing & Commissioning of Mechanical Protection Coating only (Insulation not to be part of this item as the same is measured separately) on the above insulated piping with Alkali resistance glass fiber fabric (Paramount Polytreat Chemicals Make Parafab-GFC / Approved Equal) of 5 to 7 mil (minimum) thickness reinforcement and Starbond 30-36 / equal coating. (Exposed work on terrace / ducts)		
	for 15 mm dia pipe over 9 mm thick insulation	Ro	M
	for 20 mm dia pipe over 9 mm thick insulation	2055	M
	for 25 mm dia pipe over 13 mm thick insulation	210	M
	for 32 mm dia pipe over 13 mm thick insulation	30	M
	for 40 mm dia pipe over 13 mm thick insulation	110	M
	for 50 mm dia pipe over 19 mm thick insulation	75	M
	for 65 mm dia pipe over 19 mm thick insulation	65	M
7	Providing, fixing, testing and commissioning of motorized butterfly valve of following dia for filling of Over Head Water tank complete with high and low level control switches to control the valve. The level controllers shall be installed in overhead tanks. The level switch will close the valve when water level is high (Top Water Level) in over head tank and open the valve when over head water tank level is low (30% of storage capacity). The system should be complete in all respects with accessories, 220 V AC / 24		



	V DC, IP67 electrical water level control unit, copper control wiring in whether proof casing etc. (Near Domestic & Flushing water tank at tank filling line)		
	40 mm dia	1	Set
	50 mm dia	1	Set
8	Providing and fixing in position vent connection to water storage tanks comprising two elbows of 50 mm dia. And mosquito proof brass wire mesh fixing in frame and welded to upstand pipe complete as required. (Length of pipe involved shall be measured separately under item piping).	3	nos.
9	Providing and fixing in position M.S. / G.I. pipe flanged / threaded sleeves of upto 600 mm long (heavy class) with M.S. puddle flange fabricated out of 6 mm thick MS plate in RCC walls of water tanks / retaining walls during the time of casting the same including hot dipped galvanization after fabrication and painting with two coats of anti corrosive paint over primer.		
	50 NB	3	Nos.
	65 NB	3	Nos.
	80 NB	1	Nos.
	100 NB	5	Nos.
	150 NB	1	Nos.
10	Providing and fixing of cast iron Manhole Cover with frame for overhead / underground water storage tanks. The fixing of frame shall be done during the casting of the RCC slab of the tank.		
	600 x 600 mm (38 Kg)	6	Nos.
	SOIL, WASTE, VENT, RAIN WATER PIPES AND FITTINGS		
1	Providing, fixing, jointing and testing in position of ISI marked UV stabilized PVC pipes for soil and waste, Type-B as per IS : 13592 suitable for rubber ring joints for vertical pipes and solvent cement joints for horizontal pipes , including all necessary specials and fittings (confirming to IS:14735) i.e. bends, tees, junctions (with or without doors), reducers, WC connectors, couplers, cowels, clamps, hangers, rubber rings, clean outs, C P Grating for any waste connection from washing machine etc. fixing at wall / ceiling / floor level supported by clamp & hangers etc. inside duct / suspended from floor under false ceiling for proper completion of the work. The rubber ring shall confirm to IS:5382.		
	The Pipes will be supported by either rubber lined G.I. U strap clamps on 40x40x3 mm G.I. slotted angle duly painted (for a group of pipes) or G.I. rubber lined split clamp (for independent pipes). The cost will include all support arrangements. The work includes cutting holes in wall/ floors/ slabs and making good the same with cement concrete 1:2:4 complete as required. The work includes commissioning of all pipes lines as per drawings and specifications and as directed by engg-in-charge at site.		

	160 mm dia (Wall Thickness - 4.0 to 4.6 mm)	180	R.M.
	110 mm dia (Wall Thickness - 3.2 to 3.8 mm)	1820	R.M.
	75 mm dia (Wall Thickness - 3.2 to 3.8 mm)	720	R.M.
2	Providing, fixing, jointing and testing in position ISI marked (IS:4985) UPVC pipes of min 6 Kg/ Sq cm rating with fitting for waste pipe from fixtures to floor trap including reduces, enlarger, socket, couplers, bends, tees etc including fixing at wall/ ceiling level supported by clamp & hangers etc. The work includes cutting holes in wall/ floors/ slabs and making good the same with cement concrete 1:2:4 complete as required.		
	63 mm dia.	Ro	R.M.
	50 mm dia.	24	R.M.
	40 mm dia.	380	R.M.
3	Providing & fixing UPVC Floor trap of self cleansing design with CP Jali complete in all respects.		
	P-Trap type Floor Trap 110 x 110 mm (Long type - 50 mm seal)	290	Nos
4	Providing & fixing UPVC pipe fittings for drain pipe connection under toilet floor.		
	Reducing Tee 110x110x75 mm	280	Nos
5	Providing and fixing of drain point with 75 mm dia. Bend with CP Jali complete in all respects.	570	nos.
6	Providing, fixing, jointing and testing in position of ISI marked UV stabilized UPVC pipes for rain water disposal / balcony waste disposal, Type-B as per IS : 13592 suitable for rubber ring joints, including all necessary specials and fittings (confirming to IS:14735) i.e. bends, tees, junctions (with or without doors), reducers, couplers, clamps, hangers, rubber rings, C.I. gratings over pipes of bell mouth construction with epoxy painting for terrace and C P Grating for intermediate balcony, fixing at wall / ceiling / floor level supported by clamp & hangers etc. inside duct / suspended from floor under false ceiling. The rubber ring shall confirm to IS:5382.		
	The Pipes will be supported by either rubber lined G.I. U strap clamps on 40x40x3 mm G.I. slotted angle duly painted (for a group of pipes) or G.I. rubber lined split clamp (for independent pipes). The The cost will include all support arrangements. The work includes cutting holes in wall/ floors/ slabs and making good the same with cement concrete 1:2:4 complete as required. The work includes commissioning of all pipes lines as per drawings and specifications and as directed by engg-in-charge at site.		
	160 mm dia (Wall Thickness - 4.0 to 4.6 mm)	440	R.M.
	110 mm dia (Wall Thickness - 3.2 to 3.8 mm)	670	R.M.
	BASEMENT HANGING LINE - SOIL / WASTE / RAINWATER		



1	Providing, fixing, jointing and testing in position ISI marked UPVC pipes with necessary fitting for soil / waste / rain water pipe run suspended from basement / Stilt ceiling, including reduces, enlarger, socket, couplers, bends, tees, long radius / swept bend at bottom of vertical pipe etc <u>(Fabricated fittings will not be acceptable)</u> including supports by G.I. clamp (Clevis / sprinkler type) with rubber lining or 50x50x5 mm MS painted angle iron hangers with G.I. U strap clamp with rubber lining for smooth support, nuts, screws etc. The pipe will be connected from upper level uPVC soil / waste / rain water pipe and will finally connect into the external man hole chamber. The work includes the pipe run below ground from retaining wall upto external chamber.		
	160 mm dia (Wall Thickness - 8.8 to 10.2 mm) - (Pipe as per IS 4985, 10 Kg / Sq cm rating suitable for solvent cement joints with necessary fitting as per IS:7834 and IS:10124	20	R.M.
	MISCELLANEOUS WORKS		
1	Making of core cutting in Slab / beams / retaining wall of required size for routing water supply and drainage lines to toilets and required places.		
a)	50mm to 125mm dia	250	Nos
b)	125mm to 200mm dia	50	Nos
c)	200mm to 250mm dia	25	Nos
2	Providing and fixing of MS brackets fabricated out of L angle / flats of required size with 6mm / 8mm GI 'U' clamps with GI washers and nuts etc., for supporting pipes running in duct & ground / floor ceiling and Terrace level.	500.00	Kgs
3	Providing, fixing, jointing and testing in position ISI marked Soundless or low noise PVC pipes with necessary fitting for soil / waste / rain water pipe run suspended from basement / Stilt ceiling, including reduces, enlarger, socket, couplers, bends, tees, long radius / swept bend at bottom of vertical pipe etc <u>(Fabricated fittings will not be acceptable)</u> including supports by G.I. clamp (Clevis / sprinkler type) with rubber lining or 50x50x5 mm MS painted angle iron hangers with G.I. U strap clamp with rubber lining for smooth support, nuts, screws etc. The pipe will be connected from upper level uPVC soil / waste / rain water pipe and will finally connect into the external man hole chamber. As required or as per the engineer's charge.		
	110 mm dia.	150.00	RM
	160 mm dia	50.00	RM





Annexure – 1

PARTICULARS OF THE BIDDER

Sr. No	Description	Details (to be filled by the responder to the Bid)
1	Name of the company	
2	Official address	
3	Phone No. And Fax No.	
4	Corporate Headquarters Address	
5	Phone No. And Fax No.	
6	Web Site Address	
7	Details of Company's Registration (Please enclose copy of the company registration document)	
8	Name of Registration Authority	
9	Registration Number and Year of Registration	
10	ISO certifications and its validity	
11	GST registration No.	
12	Permanent Account Number (PAN)	
13	Company's Revenue for last 3 years (Year wise)	
14	Company's net worth for the last year	
15	Bank Details (Name, Account no., Branch, IFSC, MICR)	



Annexure – 2

The Bidder has to quote the rate in the Item Data available online with this bid. Details to be filled up for price bid are as below:

Sl No	Description	Amount (Excl. of GST)
1	Procurement of Internal Plumbing works at Nursing Girls hostel Nagarur.	
Sub Total Amount		
GST @		
Total Amount in INR (Incl. of GST)		
Amount in words		

Cost related to the works as per Items mentioned in the Compliance sheet for technical proposal.



NURSING GIRLS HOSTEL INTERNAL PLUMBING BOQ

SNo	DESCRIPTION	QUANTITY	UNIT	RATE (Rs.)	TOTAL AMOUNT (Rs.)
	FIXING OF SANITARY FIXTURES, ACCESSORIES AND BATHROOM FITTINGS				
	(Note : The supply of sanitary fixtures and bathroom fittings shall be made by the owner. The contractor has to receive, store, transport and handle the goods in proper manner. Any breakage & wastage will be in contractor's account. The contractor has to receive, install & erect them as required and as per the specifications and manufacturer's guidelines upto the satisfaction of Engg-in-charge and architect. The work involves fixing and testing in position of all items including threading the pipes, cutting and making good the walls and floors where required, painting of any exposed part where ever required, supply and fixing of minor accessories such as C P screws, nuts, washers, wooden cleats, rawl plugs, teflon taps, hex nippels, required ext nipples, lappa and white cement. etc to complete the work.				
1	Fixing of vitreous china European W.C. pan P/S trap, wall hung type with plastic seat and lid with C.P. brass hinges & rubber buffers, L bracket/chair with all fittings and brackets complete. (suitable for concealed type flushing cistern)	164	Nos		-
2	Fixing of flush valve wc-32mm with chrome cover plate complete in all respects.	164	Nos		-
3	Fixing of vitreous china over or under counter Wash Basin of any size with CI/MS brackets C P waste, P.V.C. waste pipe up to drain point complete	196	Nos		-
4	Fixing of vitreous china Flat back / corner Wash Basin of any size with CI/MS brackets C P waste, P.V.C. waste pipe up to drain point complete	Ro	Nos		-
5	Fixing of single or double bowl Stainless steel sink / white vitreous China Laboratory sink of any size with or without drain board with CI/MS brackets, waste jali and P.V.C. waste pipe up to the floor trap complete	1	Nos		-
6	Fixing of C.P. / PVC 32 / 40 mm dia Bottle trap for wash basin / sink.	197	Nos		-

[Signature]



7	Fixing of vitreous china integrated type urinal with sensor flushing system, bottle trap etc complete		M		-
8	Fixing of HPL Modular urinal partition complete		Nos		-
9	Fixing of CP brass short / long body bib cock	196	Nos.		-
10	Fixing of CP brass angle valve	406	Nos.		-
11	Fixing of C.P. Brass health faucet with bracket.	164	Nos		-
12	Fixing of C P toilet paper holder	164	Nos		-
13	Fixing of CP brass single hole / single lever wash basin mixture / pillar tap	196	Nos.		-
14	Fixing of CP brass wall / table mounted sink mixture / sink tap	1	Nos.		-
15	Fixing of C.P. connection pipe	197	Nos		-
16	Fixing of mirror of any size complete	196	nos		-
17	Fixing of ABS body liquid soap dispenser.	42	Nos		-
18	Fixing of C.P. Brass Double coat Hooks.	164	Nos		-
19	Fixing of CP brass concealed stop cock		Nos.		-
20	Fixing of SS / ABS body Automatic hand dryer including electrical connections.	1	Nos		-
21	Fixing 15 mm dia. inlet C.P. brass shower head with arm.	198	nos.		-
22	Fixing 15mm NB C.P. brass single lever Mixture (Divertor)/ 2 in 1 wall mixtures.	198	nos.		-
23	Fixing 15 mm dia C.P. brass wall mounted spout.	198	nos.		-
24	Fixing 450 mm long C. P. brass towel rail.	198	nos.		-
25	Fixing C.P. brass soap dish.	198	nos.		-
WATER SUPPLY PIPES AND FITTINGS					

1	<p>Providing, fixing, jointing and testing in position CTS-SDR 11, class-1 CPVC Pipes (pressure rating 28 kg/cm² at 23°C and 7 kg/cm² at 82°C) confirming to IS : 15778-2007, ASTM D-2846, UV resistant, suitable for cold and hot water supply in concealed or exposed works complete with all necessary fittings i.e. elbows, tees, bends, couplers, reducers, unions, plugs, clamps at every 1 m spacing (on terrace the pipes shall be supported at suitable interval and inside ducts these shall be properly clamped through duct walls by rubber lined G.I. U strap clamp / bracket) including brass threaded transition fittings between CPVC / uPVC / GI / CP i.e. brass adopter (both male and female threaded tee / elbows / couplers) including jointing the pipe and fittings by solvent cement as per ASTM F 493 and by teflon tape on threaded ends and properly clamped. (The price Includes cutting chases and making good the walls).</p> <p><u>(OHT filling line, outlet pipe from terrace tank to terrace ring / pipe, Terrace ring / pipe, inside shaft d/n take, Inside Toilet pipe)</u></p>				
	All termination points for installation of faucets shall have brass terminal fittings including building expansion loop wherever pipe crosses exp joint and thermal expansion loop for hot water distribution, complete as required by the Engg-in-charge for proper completion of the work.				
	15 mm dia	Ro	R.M.		-
	20 mm dia	6345	R.M.		-
	25 mm dia	485	R.M.		-
	32 mm dia	440	R.M.		-
	40 mm dia	350	R.M.		-
	50 mm dia	550	R.M.		-
	65 mm dia	150	R.M.		-
	80 mm dia	275	R.M.		-
	100 mm dia	312	R.M.		-
	150 mm dia	24	R.M.		-
2	Providing & fixing of hand lever operated CPVC ball valve type isolating valve including solvent welded joint				



	as required. (Domestic and Flushing water line)				
	15 mm nominal bore	Ro	Nos.		-
	20 mm nominal bore	Ro	Nos.		-
	25 mm nominal bore	1	Nos.		-
	32 mm nominal bore	1	Nos.		-
	40 mm nominal bore	14	Nos.		-
	50 mm nominal bore	54	Nos.		-
	65 mm nominal bore	1	Nos.		-
	80 mm nominal bore	4	Nos.		-
	100 mm nominal bore	3	Nos.		-
	150 mm nominal bore	1	Nos.		-
3	Providing & fixing of hand lever operated CPVC ball valve type isolating valve including solvent welded joint with CPVC pipes as required. (Hot water line)				
	15 mm nominal bore		Nos.		-
	20 mm nominal bore	43	Nos.		-
	25 mm nominal bore	21	Nos.		-
	32 mm nominal bore		Nos.		-
	40 mm nominal bore	1	Nos.		-
	50 mm nominal bore	2	Nos.		-
	65 mm nominal bore	1	Nos.		-
4	Providing and fixing C I body flanged strainer fabricated out of 1.6 mm thick Stainless Steel 304 sheet with 3 mm dia hole complete. (Domestic & Flushing outlet from terrace tank)				
	100 mm dia	1	Nos.		-
	150 mm dia	1	Nos.		-
5	Supply, Installation, Testing & Commissioning of Thermal Insulation on hot water supply pipes using Nitrile Rubber (Fire Retardant Class O Grade) Insulation Pipe Sections, Fevicol SR-998 / Equal Adhesive & 50 mm Wide x 3 mm Thick Joint Sealing Nitrile Rubber Tape. Nominal diameter of Pipes and insulation				



	thickness in mm as indicated below: (Exposed work on terrace / ducts)				
	15 mm dia pipe (9 mm thick insulation)	Ro	M		-
	20 mm dia pipe (9 mm thick insulation)	2055	M		-
	25 mm dia pipe (13 mm thick insulation)	210	M		-
	32 mm dia pipe (13 mm thick insulation)	30	M		-
	40 mm dia pipe (13 mm thick insulation)	110	M		-
	50 mm dia pipe (19 mm thick insulation)	75	M		-
	65 mm dia pipe (19 mm thick insulation)	65	M		-
6	Supply, Installation, Testing & Commissioning of Mechanical Protection Coating only (Insulation not to be part of this item as the same is measured separately) on the above insulated piping with Alkali resistance glass fiber fabric (Paramount Polytreat Chemicals Make Parafeb-GFC / Approved Equal) of 5 to 7 mil (minimum) thickness reinforcement and Starbond 30-36 / equal coating. (Exposed work on terrace / ducts)				
	for 15 mm dia pipe over 9 mm thick insulation	Ro	M		-
	for 20 mm dia pipe over 9 mm thick insulation	2055	M		-
	for 25 mm dia pipe over 13 mm thick insulation	210	M		-
	for 32 mm dia pipe over 13 mm thick insulation	30	M		-
	for 40 mm dia pipe over 13 mm thick insulation	110	M		-
	for 50 mm dia pipe over 19 mm thick insulation	75	M		-
	for 65 mm dia pipe over 19 mm thick insulation	65	M		-
7	Providing, fixing, testing and commissioning of motorized butterfly valve of following dia for filling of Over Head Water tank complete with high and low level control switches to control the valve. The level controllers shall be installed in overhead tanks. The level switch will close the valve when water level is high (Top Water Level) in over head tank and open the valve when over head water tank level is low (30% of storage capacity). The system should be complete in all respects with accessories, 220 V AC / 24 V DC, IP67 electrical water level control unit, copper control wiring in whether proof casing etc. (Near Domestic & Flushing water tank at tank filling line)				



	40 mm dia	1	Set		-
	50 mm dia	1	Set		-
8	Providing and fixing in position vent connection to water storage tanks comprising two elbows of 50 mm dia. And mosquito proof brass wire mesh fixing in frame and welded to upstand pipe complete as required. (Length of pipe involved shall be measured seperately under item piping).	3	nos.		-
9	Providing and fixing in position M.S. / G.I. pipe flanged / threaded sleeves of upto 600 mm long (heavy class) with M.S. puddle flange fabricated out of 6 mm thick MS plate in RCC walls of water tanks / retaining walls during the time of casting the same including hot dipped galvanization after fabrication and painting with two coats of anti corrosive paint over primer.				
	50 NB	3	Nos.		-
	65 NB	3	Nos.		-
	80 NB	1	Nos.		-
	100 NB	5	Nos.		-
	150 NB	1	Nos.		-
10	Providing and fixing of cast iron Manhole Cover with frame for overhead / underground water storage tanks. The fixing of frame shall be done during the casting of the RCC slab of the tank.				
	600 x 600 mm (38 Kg)	6	Nos.		-
	SOIL, WASTE, VENT, RAIN WATER PIPES AND FITTINGS				
1	Providing, fixing, jointing and testing in position of ISI marked UV stabilized PVC pipes for soil and waste, Type-B as per IS : 13592 suitable for rubber ring joints for vertical pipes and solvent cement joints for horizontal pipes, including all neccessary specials and fittings (confirming to IS:14735) i.e. bends, tees, junctions (with or without doors), reducers, WC connectors, couplers, cowels, clamps, hangers, rubber rings, clean outs, C P Grating for any waste connection from washing machine etc. fixing at wall / ceiling / floor level supported by clamp & hangers etc. inside duct / suspended from floor under false ceiling for proper completion of the work. The rubber ring shall confirm to				

	IS:5382.				
	The Pipes will be supported by either rubber lined G.I. U strap clamps on 40x40x3 mm G.I. slotted angle duly painted (for a group of pipes) or G.I. rubber lined split clamp (for independent pipes). The cost will include all support arrangements. The work includes cutting holes in wall/ floors/ slabs and making good the same with cement concrete 1:2:4 complete as required. The work includes commissioning of all pipes lines as per drawings and specifications and as directed by engg-in-charge at site.				
	160 mm dia (Wall Thickness - 4.0 to 4.6 mm)	180	R.M.		-
	110 mm dia (Wall Thickness - 3.2 to 3.8 mm)	1820	R.M.		-
2	75 mm dia (Wall Thickness - 3.2 to 3.8 mm)	720	R.M.		-
	Providing, fixing, jointing and testing in position ISI marked (IS:4985) UPVC pipes of min 6 Kg/ Sq cm rating with fitting for waste pipe from fixtures to floor trap including reduces, enlarger, socket, couplers, bends, tees etc including fixing at wall/ ceiling level supported by clamp & hangers etc. The work includes cutting holes in wall/ floors/ slabs and making good the same with cement concrete 1:2:4 complete as required.				
	63 mm dia.	Ro	R.M.		-
	50 mm dia.	24	R.M.		-
3	40 mm dia.	380	R.M.		-
	Providing & fixing UPVC Floor trap of self-cleansing design with CP Jali complete in all respects.				
	P-Trap type Floor Trap 110 x 110 mm (Long type - 50 mm seal)	290	Nos		-
4	Providing & fixing UPVC pipe fittings for drain pipe connection under toilet floor.				
	Reducing Tee 110x110x75 mm	280	Nos		-
5	Providing and fixing of drain point with 75 mm dia. Bend with CP Jali complete in all respects.	570	nos.		-



6	<p>Providing, fixing, jointing and testing in position of ISI marked UV stabilized UPVC pipes for rain water disposal / balcony waste disposal, Type-B as per IS : 13592 suitable for rubber ring joints, including all necessary specials and fittings (confirming to IS:14735) i.e. bends, tees, junctions (with or without doors), reducers, couplers, clamps, hangers, rubber rings, C.I. gratings over pipes of bell mouth construction with epoxy painting for terrace and C P Grating for intermediate balcony, fixing at wall / ceiling / floor level supported by clamp & hangers etc. inside duct / suspended from floor under false ceiling. The rubber ring shall confirm to IS:5382.</p>				
	<p>The Pipes will be supported by either rubber lined G.I. U strap clamps on 40x40x3 mm G.I. slotted angle duly painted (for a group of pipes) or G.I. rubber lined split clamp (for independent pipes). The cost will include all support arrangements. The work includes cutting holes in wall/ floors/ slabs and making good the same with cement concrete 1:2:4 complete as required. The work includes commissioning of all pipes lines as per drawings and specifications and as directed by engg-in-charge at site.</p>				
	160 mm dia (Wall Thickness - 4.0 to 4.6 mm)	440	R.M.		-
	110 mm dia (Wall Thickness - 3.2 to 3.8 mm)	670	R.M.		-
	BASEMENT HANGING LINE - SOIL / WASTE / RAIN WATER				
1	<p>Providing, fixing, jointing and testing in position ISI marked UPVC pipes with necessary fitting for soil / waste / rain water pipe run suspended from basement / Stilt ceiling, including reduces, enlarger, socket, couplers, bends, tees, long radius / swept bend at bottom of vertical pipe etc (<i>Fabricated fittings will not be acceptable</i>) including supports by G.I. clamp (Clevis / sprinkler type) with rubber lining or 50x50x5 mm MS painted angle iron hangers with G.I. U strap clamp with rubber lining for smooth support, nuts, screws etc. The pipe will be connected from upper level uPVC soil / waste / rain water pipe and will finally connect into the external man hole chamber. The work includes the pipe run below ground from retaining wall upto external chamber.</p>				
	160 mm dia (Wall Thickness - 8.8 to 10.2 mm) - (Pipe as per IS 4985, 10 Kg / Sq cm rating suitable for solvent	20	R.M.		-





	cement joints with necessary fitting as per IS:7834 and IS:10124				
					-
	MISCELLANEOUS WORKS				-
1	Making of core cutting in Slab / beams / retaining wall of required size for routing water supply and drainage lines to toilets and required places.				-
a)	50mm to 125mm dia	250	Nos		-
b)	125mm to 200mm dia	50	Nos		-
c)	200mm to 250mm dia	25	Nos		-
2	Providing and fixing of MS brackets fabricated out of L angle / flats of required size with 6mm / 8mm GI 'U' clamps with GI washers and nuts etc., for supporting pipes running in duct & ground / floor ceiling and Terrace level.	500.00	Kgs		-
					-
3	Providing, fixing, jointing and testing in position ISI marked Soundless or low noise PVC pipes with necessary fitting for soil / waste / rain water pipe run suspended from basement / Stilt ceiling, including reduces, enlarger, socket, couplers, bends, tees, long radius / swept bend at bottom of vertical pipe etc <u>(Fabricated fittings will not be acceptable)</u> including supports by G.I. clamp (Clevis / sprinkler type) with rubber lining or 50x50x5 mm MS painted angle iron hangers with G.I. U strap clamp with rubber lining for smooth support, nuts, screws etc. The pipe will be connected from upper level uPVC soil / waste / rain water pipe and will finally connect into the external man hole chamber. As required or as per the engineer inchagre.				-
	110 mm dia.	150.00	RM		-
	160 mm dia	50.00	RM		-
	Total Cost				

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LIST OF APPROVED MAKES

SL. NO	ITEM DESCRIPTION	MAKE	CAT. NO
I	SANITARY WARE:	AS PER CLIENT	
II	CP FITTINGS:	AS PER CLIENT	
III	OTHERS:		
01	CPVC AND UPVC PIPE	HINDWARE / ASHIRWAD	
02	CPVC AND FITTINGS	HINDWARE / ASHIRWAD	
03	BUTTERFLY VALVE (50mm to 100mm)	RB/ZOLOTO	
04	BALL VALVE	RB/ZOLOTO	
05	AIR RELEASE VALVE	RB/ZOLOTO	
06	WATER METER	DASMESH/KRANTHI	
07	ANCHOR FASTNER / 'U' CLAMPS	HITECH SUPPORTS	
08	RCC HUME PIPES	SUDARASHAN HUME PIPE / INDIAN HUME PIPE	
09	STONE WARE PIPES AND GULLY TRAPS (ISI)	MYSORE STONE WARE / TSL	
10	PVC PIPES (SWR Quality)	HINDWARE / ASHIRWAD	
11	PVC PIPES (Agricultural series)	HINDWARE / ASHIRWAD	



12	PVC FITTINGS (Fabricated)				CLARION
13	PVC FITTINGS (Moulded)				HINDWARE / ASHIRWAD
14	PVC FLOOR TRAPS (Moulded)				HINDWARE / ASHIRWAD
15	MANHOLE COVER - Cast iron				BIC / NECO
16	MANHOLE COVER - (RCC Precast)				RAJVAIBHAV / SFRC
17	EWC CONNECTORS				MULTIKWIK / VIEGA
18	HOT WATER PIPE INSULATION				VIDOFLEX / ARMAFLEX
19	PRESSURE REDUCING VALVE				HAWK / VB
20	LEVEL CONTROLLERS				AQUA INTEL TECH / VINAYAKA


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