

## FINANCIAL BID

### SPECIAL REPAIRS , INTERNAL AND EXTERNAL PAINTING OF AUDITORIUM AND CANTEEN BUILDING AT IIG NEW PANVEL.

Sr No.	Items of works	Unit	RATE	QTY	AMOUNT
	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.				
	Granite stone slab colour black, Cherry/Ruby red				
1	: Area of slab over 0.50 sqm	sq. meters	4974.3321	7.5	37307.49
2	Granite stone slab colour black, Cherry/Ruby red : Area of slab upto 0.50 sqm	sq. meters	5258.6535	0.48	2524.15
3	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge	RMT	470.70363	7	3294.93
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. : For thickness of tiles 10 mm to 25 mm	Sq.meters	28.095	16.85	473.40
5	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	each	836.78148	7	5857.47
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.	cu meter	246.50553	0.75	184.88
7	Dismantling and taking out G.I. pipes , manually/ by mechanical means including stacking of pipes within 50 metres lead as per direction of Engineer-in-charge : 15 mm to 40 mm nominal bore	meter	139.46358	7	976.25
8	Cutting chases in brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 ( 1 cement : 3 coarse sand :6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) : 50 mm	meter	323.0925	8	2584.74

9	Providing and fixing PTMT 15 mm Urinal spreader size 95x69x100 mm with 1/2" BSP thread and shapes, weighing not less than 60 gms.	each	104.23245	7	729.63
	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.				
10	20.0 mm dia pipe	Rmt	577.35225	12	6928.23
11	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 25 to 40 mm nominal bore	each	850.82898	1	850.83
	Providing and fixing brass stop cock of approved quality				
12	20 mm nominal bore		368.55021	1	368.55
13	Providing and fixing G.I. Union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation,refilling the earth or cutting of wall and making good the same complete wherever required :20 mm nominal bore	each	797.56086	1	797.56
14	Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour. 20 mm nominal bore, weighing not less than 40 gms	each	85.9707	7	601.79
15	Making hole up to 20x20 cm and embedding pipes up to 150 mm diameter in masonry and filling with cement concrete 1:3:6 (1 cement : 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) including disposal of malba	each	222.96192	2	445.92
16	Providing and fixing on wall face unplasticised Rigid PVC drain 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. : 75 mm diameter	meter	239.3694	6	1436.22
17	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe : 32 mm dia	EACH	117.26853	7	820.88

18	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	kgs	104.56959	700	73198.71
19	Welding by gas or electric plant including transportation of plant at site etc. complete.	cm	3.82092	1000	3820.92
20	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.: On steel work	sq.meter	226.67046	150	34000.57
21	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	sq.meters	23.43123	150	3514.68
22	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives. : New work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm.	Sq.meter	173.57091	20	3471.42
23	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: G.S. Sheet / Plastic sheets .	Sq. meter	152.8368	175	26746.44
24	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete.: 0.63 mm thick with zinc coating not less than 275 gm/m <sup>2</sup>	meter	845.60331	55	46508.18
25	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.: 75 mm diameter	meter	239.3694	25	5984.24
	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.				
26	Bend 87.5°: 75 mm bend	each	103.16484	8	825.32
27	Shoe (Plain) : 75 mm Shoe	each	91.14018	8	729.12

28	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. : 75 mm	each	349.33323	16	5589.33
29	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. : Using M.S. angels 40x40x6 mm for diagonal braces	Sq. meters	5373.0564	12	64476.68
30	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete. : Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides	sq. meter	1091.8279	3	3275.48
31	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sq.meters	23.43123	300	7029.37
32	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.	sq.meters	139.18263	300	41754.79
33	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content. : With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	sq.meters	72.42891	300	21728.67
34	Distempering with 1st quality acrylic distemper, 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 : Two coats. Including filling holes and cracks with putty wherever necessary at all heights, including scaffolding / any other means of access	sq.meters	101.19819	1750	177096.83

35	Wall painting with acrylic emulsion paint ( Premium plastic acrylic emulsion of interior grade, having VOC content less than 50 grams/ litre litre) of approved brand and manufacture to give an even shade : Two or more coats including filling holes and cracks with putty wherever necessary at all heights, including scaffolding / any other means of access to all interiors of building.	Sq. meters	154.91583	2750	426018.53
36	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	sq.meters	147.72351	50	7386.18
37	Varnishing with varnish of approved brand and manufacture: One or more coats with copal varnish	Sq. meters	89.28591	250	22321.48
38	Melamine polishing on wood work (one or more coat).	Sq. meters	133.00173	250	33250.43
39	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.: On steel work	sq.meter	226.67046	150	34000.57
40	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	sq.meters	23.43123	150	3514.68
41	Filling of holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof	each	80.486556	3	241.46
42	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect. : SBR Polymer (@10% of cement weight) modified cementitious bond coat @ 2.2 kg cement per sqm of surface area mixed with specified proportion of approved polymer	sq.meter	132.32745	25	3308.19
43	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.	sq. meters	50.62719	225	11391.12

44	Painting with aluminium paint of approved brand and manufacture to give an even shade: One or more coats on old work	sq. meters	89.22972	100	8922.97
45	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : One or more coats on old work	sq. meters	97.26489	400	38905.96
46	Applying priming coat: With ready mixed pink or Grey primer of approved brand and manufacture.	sq.meters	69.05751	400	27623.00
47	With ready mixed aluminium primer of approved brand and manufacture	sq. meters	70.74321	100	7074.32
48	Providing & fixing Lexan or equivalent make 10.00 thk polycarbonate sheeted roofing of approved colour up to any pitch, including fixing with the relevant male female aluminium sections as per manufacturer's specifications with rubber gaskets, polysulphide sealants, gaskets and screw etc completed as directed	sq. meter	2310	175	404250.00
49	Inlet / bell mouth inlet to rain water gutter	each	250	8	2000.00
50	Making arrangement of beldars for shifting office furniture during painting work and rearranging the furniture in position after painting work is over as per directions of Engineer-in-charge.	each	875.01	8	7000.08

51	<p>Providing and applying heavy duty high performance Acrylic elastomeric decorative exterior water proof and protective coating at all heights of approved brand and shade, patterns, composed of high quality acrylic emulsion polymer in approved shade to be applied in the following stages with five years monsoon period guarantee</p> <p>1.) cleaning the surface with wire brush , removing all dirt dust, foreign matters , opening of cracks with grinder wherever required , washing the surface with clean water, filling the cracks with self penetrating type hair line crack filling compound @ 0.3 kg / 10 sq. meter including necessary repairs etc completed. ( hair cracks and cracks upto 3.0 mm)</p> <p>2) Applying one coat of elastomeric base coat ( without any dilution ) two component ready to use water proof coating on the entire surface @ 3.57 litres / 10.0 sq. meters at an interval of 4- 6 hours .</p> <p>3) After 2- 3 hours of application of primer coating, providing and applying two or more coats ( at an interval of 6-8 hours ) of heavy duty acrylic elastomeric decorative exterior water proof and protective coating with anticarbonation / carbon resisting property of approved brand and shade composed of high quality acrylic emulsion polymer as per manufacture; specification as directed by Engineer in Charge including scaffolding and materials etc. completed Base coat consumption @ 3.57 ltrs / 10 sq. meters , Top coat consumption @ 1.8 ltrs / 10 sq. meter</p>	Sqmeter	359.76	2800	1007328.00
					0.00
52	<p>Providing and plastering with premixed readymade cement mortar such as 'READYPLAST' of Ultratech or 'EASYPLAST' of WalPlast Products Pvt. Ltd or or equivalent, manufactured in automated dry mix batching plant where Cement, sand and polymer additive are mixed in pre-determined ratio (as per manufacturer specification). In one coat 6 to 7 litre potable water (as per manufacturer specification) shall be added to 40 kg of readymix dry mortar on mortar mixing G.I tray and shall be mixed well for 4-5 minutes. The mortar shall be left undisturbed for 3-5 minutes to dissolve additive and shall be mixed once again to form cohesive and consistent mix. - : 12 mm average thickness</p>	SQ. meters	477.35	25	11933.75
					0.00

53	Providing and fixing PTMT urinal push cock / push button of approved quality and colour. : 15 mm nominal bore, 80 mm long, 42 mm high and 30mm wide with BSP female threads weighing not less than 48 gms	each	350	7	2450.00
54	Providing and plastering with premixed readymade cement mortar such as 'READYPLAST' of Ultratech or 'EASYPLAST' of WalPlast Products Pvt. Ltd or equivalent, manufactured in automated dry mix batching plant where Cement, sand and polymer additive are mixed in pre-determined ratio (as per manufacturer specification). 18 mm average thickness in two coats, under layer 12 mm thick cement plaster and top layer 6mm thick cement plaster finished rough with sponge 6 to 7 liter potable water (as per manufacturer specification) shall be added to 40 kg of readymix dry mortar on mortar mixing G.I tray and shall be mixed well for 4-5 minutes. The mortar shall be left undisturbed for 3-5 minutes to dissolve additive and shall be mixed once again to form cohesive	Sq.meters	688.2	200	137640.00
55	Providing and laying water proofing treatment at all levels on external WalPlaster by making U/V grooves of required depth over the cracks followed by its proper cleaning /washing then applying /packing Elastomeric Acrylic Crack filler as per manufacturers specification in the grooves, allowing it to air cure for 24 hours followed by applying a coat of polymeric water proofing solution (by making 1.00 part of polymeric water proofing solution with 1.00 parts of grey cement) over the crack, water curing for 7 days and making good the external walls as directed by the Engineer-in-Charge including scaffolding and Materials etc complete. (Elastomeric Acrylic Crack Filler is 4.50 Kg for 30 meter and Polymeric water proofing solution 0.66 Kg (Polymeric water proofing solution consumption @ 0.22kg/10 metre).	meter	87.75	75	6581.25
<b>TOTAL COST OF WORK INCLUDING ALL TAXES, LEVIES , GST ETC. AS APPLICABLE</b>					<b>2789075.64</b>

Add % .....above / .....below of the aforesaid estimated cost of work

% in words : .....above / .....below the estimated cost of work

Bidded / tendered cost of work : Rs. ....

(Both in figure and words)

SIGN OF CONTRACTOR

SEAL

DATE