

# Proposal for Toilet Construction

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## About Umang Foundation

Umang Foundation is a registered Public Charitable Trust and active for over 9 years and managed by working professionals in Mumbai. It was started by three IT Professionals in July 2008, who believe “there’s more to life” beyond office and home. Umang Foundation consists of more than 10,000+ dynamic professionals as volunteers spanning across various sectors including IT, Management, Finance and also includes doctors and elite senior citizens, who are enthusiastic to work for uplifting the society.

Team Umang is focused to reduce the school drop-outs in slum based and rural Maharashtra by taking preventive measures rather than stitch in the hole by providing basic stationery material. Project "Promote Education" has provided over 1.2 lakhs stationery kits (since inception) to school going children to help them to continue their studies.

Umang Foundation focuses on the improvement of society in every possible way, to achieve this goal Team Umang have organized many philanthropic events and activities including distribution of stationery kits, clothes to villagers, blood donation drives, celebration of festivals with people in old age home, celebration of special days with children and children suffering from cancer.

In Year 2017, Team Umang has already provided education material to 28,000+ less fortunate children. Umang Foundation has entered five times into **LIMCA BOOK OF RECORDS** for organizing largest stationery distribution drive in a single day.

**Till date, Umang Foundation does not have any employees and is working majorly on the basis of Volunteers’ efforts and run on 100% voluntarily basis which helps organization to keep its admin cost ~1% only.**

## Project Estimate for Toilet constructions (details)

No	Description	Qty.	Rate	Unit	Amount
1	Excavation for foundation in earth, soil of all types, sand gravel & soft murum including removing the excavated material upto a distance of 50 M beyond the building area stacking and spreading as directed . dewatering preparing the bed for foundation and necessary back filling ramming watering including shoring and strutting etc. complete. Spec. No. : Bd. A.1 to 3, Page No. 259 D.S.R. 8/1a For Toilet Unit	12.74	128	Cum	1,631.23
2	Providing and laying in situ concrete 1:2:4 of trap/ granite /quartzite / genesis metal for foundation and bedding including baling out water manually form work compacting , covering newly laid concrete by gunny bag , plastic or tarpaulin , curing etc.complete.( Wooden planks / shuttering will not be allowed) Spec. No. : Bd. E.1, Page No. 287 D.S.R. 16 1 A i For Toilet Unit	1.133	5025	Cum	5,691.21
3	Providing and laying in situ cement concrete M-20/ of trap granite/ quartzite, gneiss metal for RCC work in foundations like raft/ grillages, strips, foundations and footings of RCC column and steel stanchions including bailing water manually form work , compacting curing and roughening the surface if special finish is to be provided ( Excluding reinforcement and structural steel) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only (Wooden planks / shuttering will Spec.No. : BdF-3, Page No. 298 D.S.R. 18/1 A a	0.972	4981	Cum	4,841.53
4	Providing and casting in situ cement concrete M20 of trap/granite/quartzite/ gneiss/metal for RCC column as per detail design and drawings or as directed including centring formwork of plywood/ steel compaction and finishing the formed surface with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete ( Excluding reinforcement ) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only (Wooden planks / shuttering will not be allowed ) Spec. No. : BdF.-4, Page No.298 D.S.R. 18/2 A a	0.667	7375	Cum	4,915.73
5	Providing and casting in situ cement concrete in M 20 of trap/ granite/ quartzite/gneiss metal for RCC beams and lintels as per detailed designs and drawings or as directed including centring, form work of plywood/steel, compaction finishing the formed surface with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided & curing ( Excluding reinforcement ) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only (Wooden planks / shuttering will				

	not be allowed )				
	Spec. No. : Bd. F.6, Page No.300				
	D.S.R. 19/3 A a	1.075	7542	Cum	<b>8,107.11</b>
6	Provide & casting in situ cement concrete M 15 of trap/ granite/ quartzite/ gneiss metal for RCC slab and landings as per detailed design and drawing including centring, former for steel , compacting finishing the formed surface with CM martar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening the surface if special finish is to be provided and curing complete Excluding reinforcement ) The cement mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only (Wooden planks / shuttering will not be allowed ) Spec. No. : Bd. F.8, Page No. 302				
	D.S.R. 19/ 4 A a				
	For Toilet Unit	1.671	7880	Cum	<b>13,167.48</b>
7	Finishing the treatment slab integrally mixed with water proofing compound in cement mortar 1:3 proportion in with 20mm thick layer including curing finishing using water proofing compound at rate of 1kg per bag of cement complete. Additional Item Spec No.:As directed by Engineer incharge				
	D.S.R. 37/15	12.96	238	Sqm	<b>3,084.48</b>
8	Providing & fixing in position H.Y.S.D. Bar reinforcement of various diameter for RCC work pile caps, floorings foundation, slab, beams, columns, canopies, staircases, Chajjas, lintels pardis, coping, fins etc. as per detail drawing and schedule including cutting bending hooking the bars binding with wire or tack welding and supporting as required complete.(As per D.S.R.2008-2009)amendment SPEC. No. Bd.F 17 Page no 306				
	D.S.R. 22/10 a				
	For Toilet Unit	0.385	70159	M.T.	<b>27,011.22</b>
9	Providing Second Class Burnt Brick masonry with Conventional / Indian standard type bricks in cement mortar 1:6 in foundation and superstructure including striking joints raking out joints watering and scaffolding complete. a) For Plinth For Toilet Unit SPEC. No. Bd.G.1 page No.313.				
	D.S.R. 26/2	2.65	5103	Cum	<b>13,525.13</b>
	b) For Superstructure SPEC. No. Bd.G.5 page No.315.				
	D.S.R. 26/4	5.771	4948	Cum	<b>28,554.31</b>
10	Providing and fixing in position Mild Steel Door Shutter Mild Steel including Mild steel angle frame of sizes 25*25*5mm for fixing etc. complete. Size - 2.10 x 1.00 = 2.10 sqm As per rate analysis				
	For Toilet Unit	2.1	4599	Sqm	<b>9,657.90</b>
11	Providing and fixing in position precast 1:2 CM reinforced jali of 50mm thick of approve ddesign fixing in CM 1:3 and curing complete ( Including 3mm dia M.S. bar reinforcement)				
	D.S.R. 22/9				
	For Toilet Unit	1.08	674	Sqm	<b>727.92</b>

12	Filling in plinth and floors with approved excavated materials in 15 cm to 20 cm layers including watering and compaction comp. Spec.No. Bd A 10/ page No 262				
	D.S.R. 9/3	1.935	58	Sqm	<b>112.26</b>
13	Filling in plinth and floors with contractors material approved by Engg in-charge in 15 cm to 20cm. layers including watering and compaction comp. Spec.No.Bd. A 11 page No.263	1.935	505	Cum	<b>977.42</b>
	D.S.R. I/P No. 9/4				
14	Providing soling 80 to 100 mm size trap metal 15 cm to 20 cm thick including filling voids with sand, ramming, watering complete. SPEC. No. Bd.A 12 page No.264.				
	D.S.R. 9/5				
	For Toilet Unit	1.29	950	Cum	<b>1,225.80</b>
15	Providing internal cement plaster 6mm thick in CM mortar 1:4 without neeru finish to the concrete surface in all positions including scaffolding curing etc. Spec. No. : Bd.L.1 Page No. 367				
	D.S.R. 48/1a				
	For Toilet Unit	6.452	98	Sqm	<b>632.26</b>
16	Providing internal cement plaster 12mm thick in single coat CM mortar 1:5 in single coat without neeru finishing to the concrete or brick surface in all positions including scaffolding curing etc. Spec. No. : Bd. L.2, Page No. 367				
	D.S.R. 48/2 a				
	For Toilet Unit	50.36	139	Sqm	<b>6,999.71</b>
17	Providing neeru finish to plastered surfaces for----- including scaffolding & curing complete. a) For Ceiling	6.452	35	Sqm	<b>225.81</b>
	Spec. No. : Bd. L.10, Page No. 370,D.S.R.49/8				
	For Toilet Unit				
	a) For all position except Ceiling	50.36	35	Sqm	<b>1,762.52</b>
	Spec. No. : Bd. L.10, Page No. 370,D.S.R.49/8				
	For Toilet Unit				
18	Providing sandface plaster externally in cement mortar using good sand in all position including base coat of 15mm thick in C.M.1:4 using water proofing compound at 1 kg. Per cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sandface treatment 6to8 mm thick in C.M. 1:4 finishing the surface by taking out grains and curing for 14 days scaffolding etc. complete Spec. No. : Bd. L.07, Page No. 369,D.S.R.49/5				
	For Toilet Unit	38.16	411	Sqm	<b>15,683.76</b>
19	Providing & applying washable oil bound distemper of approved colour and shade to old and new surfaces in two coats including scaffolding preparing the surfaces (excluding the primer coat) complete. Spec.No. : Bd. P.5, Page No. 413				
	D.S.R. 71/6 a				
	For Toilet Unit	50.36	32	Sqm	<b>1,611.44</b>
20	Providing and applying 2 coats of water proof cement paint				

	of approve manufacture and of approved color to plaster surfaces including scaffolding if necessary cleaning and preparing the surface watering for 2 days SPEC. No. Bd.O.8 page No.406. D.S.R. 71/8				
	For Toilet Unit	38.16	41	Sqm	<b>1,564.56</b>
21	Providing and fixing white glazed tiles of 300x200 in size and 5 to 6 mm thick for dado and skirting in required positions on plaster of cement mortar 1:4 including neat cement float, including filling joints with white cement slurry, curing and cleaning etc. SPEC. No. Bd.M.13 page No386. D.S.R. 56/11 a	8.087	863	Sqm	<b>6,979.08</b>
22	Providing 25 to 30 mm thick partition of polished black kadappa stone of approved shape, quality and colour for urinals including cutting holes of required sizes in appropriate places to receive pipes etc, fixing in the cement mortar 1:3, curing and cleaning etc. complete SPEC. No. Bd.M.35 page No393. D.S.R. 62/30				
	For Toilet Unit	2.16	767	Sqm	<b>1,656.72</b>
23	Providing & fixing 1st class white glazed earthenware Orissa type W.C. Pan 600 x 400 mm size including 'P' or 'S' trap UPVC soil and vent pipe upto the outside face of the wall, 1:5:10 c.c. bedding, 10 litre fiber high level flushing cistern with fittings, inlet pipe with stop tap, brackets for fixing the cistren,32mm dia.UPVC flush pipe with fittings and clamps, 20mm dia.UPVC over flow pipe with mosquito proof coupling, chain and pulley, painting the exposed pipe and cutting and making good walls and floor, testing etc. complete.(Prior approval of sample & brand by Executive Engineer is necessary before use) Spec. No. As directed by Engineer in charge without flushing cistern with flush cock and necessary fitt. As directed by Engineer incharge D.S.R. 130/26	1	7874	No	<b>7,874.00</b>
24	Providing & fixing collapsible steel gate in two leaves with chanel pickets,pivoted flat bars including top and bottom guiders rollers, stoppers,handles,all fittings accessories locking arrangement completed and one coat of red lead primer SPEC. No. Bd.T.57 page No.511. D.S.R. 103/41	2.52	2923	Sqm	<b>7,365.96</b>
25	Providing & fixing necessary plumbing accceries required for water supply and sanitary work etc complete As directed by Engineer incharge	1	3000	No	<b>3,000.00</b>
26	Providing hoisting and fixing in position sintex or equivalent HDPUV confirming IS12701 water storage tank... etc comp. As directed by Engineer incharge D.S.R. 127/17	500	9	lit	<b>4,500.00</b>
27	Providing and consructing soak pit of specified size...etc comp. SPEC. No. Bd.T.57 page No.511.	1	800	cum	<b>800.00</b>

28	Providing access ramp of 1.50M wide in brickwork / I.P.S. flooring with M.S. hand railing at both side as per drawing	1	4000	No	<b>4,000.00</b>
29	Providing and fixing white glazed with bottle trap earthenware Wash hand Basin of 45 x 30 cm size including cold water pillar taps, brackets, rubber plugs and brass chain stop tap, chromium plate bottle trap and necessary pipe connections including UPVC waste pipe and trap upto the outside face of the wall, making good the damaged surface, testing etc. complete. Spec. No. BdV.-30 Page No. 565 D.S.R. 132/32	1	1303	No	<b>1,303.00</b>
			Total Rs.		<b>189,189.55</b>
			For Hand Wash Station Rs.		<b>25,000.00</b>
			Total Rs.		<b>214,189.50</b>

## Estimated Expenses

S. No.	Description	Estimated Amount
1	Construction of Toilet	190000
2	Hand wash Station	25,000
3	Water Tank	10,000
4	Name Plate	5,000
	<i>Sub Total</i>	230000
5	Misc(5%)	11500
6	Admin Expenses (5%)	11500
	<i>Total</i>	253000



## NGO / Trust Registration Details

Registration Category	Registration Number	Date of Registration	Validity
Public Trust Act	E-25564 (Mumbai)	20-March-2009	LIFE TIME
PAN Number	AAATU3466E	Not Applicable	LIFE TIME
FCRA Registration	083781422	04-March-2014	5 years
Registration certificate U/s 12 A Income Tax	42834	06-January-2010	LIFE TIME
U/s 80-G from the Income Tax	DIT(E) / MC / 80(G) / 1596 / 2009-10	05-April-2010	LIFE TIME
DARPAN Registration by NITI Aayog	MH/2017/0166017		

We are looking forward to work together to serve society for the better future of our country.

With Warm Regards,



Ashish Goyal  
 Founder & Managing Trustee  
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