

Oriental insurance corporation ltd.

BOQ for flat at vijay nagar, indore renovation/ misc. works.

The quantities shown in The BOQ/ Estimates are very tentative, indicative and approximate however, the final quantities shall be measured

SN	ITEM NO.	Items	Units	Quantity	RATE	AMT.
1	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.	sqm	2450.00	15.72	38514
2	15.02.1	Demolishing cement concrete manually by mechanical means 15.2.1 1:3:6 or riche	mcixum	26.00	703.26	18285
3		Providing & fixing chicken mesh as per ISI specification and in the required with 50mm long bombay nails on vertical and horizontal junctions of RCC and brick wall including scaffolding and all lead and lift etc. complete before plastering upt 10meter height	sqm	1052.00	80.7	84896
4	13.6.1	20 mm cement plaster of mix : 1:4 (1 cement : 4 sand)	sqm	2397.00	195.66	468997
5	12.41.2	Providing and fixing on wall face un plasticised 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 for soil and wast pipes single socketed pipes for working pressure of 4 kg / sq cm (12.74.3 110 mm diameter	meter	168.00	216.83	36427
6		providing and fixing on wall face un plasticised Rigid - PVC moulded fittings / accessories for un plasticised Rigid PVC Rain water pipes conforming to IS : 13592 Type A including jointing with with seal ring conforming to IS : 3582 leaving 10 mm gap for thermal expansion				
a	12.42.5.2	17.75.5.3 110mm bend	each	6.00	164.48	987
b	12.42.6.2	17.75.6.3 110 mm shoe	each	6.00	300.83	1805
c	12.42.4.2	17.75.3.3 110x110x110 mm single tee with door	each	24.00	253.25	6078
d	12.42.4.1	17.75.3.3 75 x 75 x 75	each	10.00	193.57	1936
7		Providing and fixing Chlorinated polyvinyl chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings this includes jointing of pipes & fittings with one step CPVC solvent cement trenching, refilling & testing of joints complete as per direction of Engineer in-charge.				
		External work				
	18.9.1	18.9.1 15 mm nominal outer dia pipes	meter	60.00	128.12	7687
8		Providing and fixing G. I. pipe complete with G.I. fittings and clamps, including cutting and making good the walls etc.				
	18.10.3	18.10.3 25 mm dia. Nominal bore	meter	30.00	254.82	7645
9	10.2	Structure steel work riveted ,bolted or welded in builtup for all type section ,trusses,and framed work including ,cutting ,hosting fixing in position and applying a primering coat of approved steel primer all complete	Kg	918.00	69.69	63975

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10		Providing and fixing 1mm thick Steel door with frame of 40x40x6mm single iron and 3mm M S gusset plate at the junction and corner ,all necessary fitting complete including applying a priming cpat of approved steel primer .				
	10.5.1	10.5.1 using M.S. angle 40x40x6 mm for diagonal braces.	sqm	3.82	2,673.92	10214
11		Brick work with M.S. Bricks of class designation 40 in superstructure above plinth level up to floor ii level in all shape sand size in :				
	6.32.1	6.4.1 cement mortar 1:4 (1 cement : 4 sand)	cum	4.00	4298.95	17196
12	13.44.1	finishing walls with water proffing cement paint of required shade New work (Two or more coat applied @3.84 kg / 10 sqm	sqm	2068.00	47.11	97423
13	10.1	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.	kg	591.00	62.78	37103
14	11.26.1	11.23 Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pi gmen t to ma tch t he sh ade o f the sl ab in clu di ng rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 sand) : sq m 11.23.1 25 mm thick.	sqm	95.00	991.09	94154
15	11.27.1	kota stone slabs 25 mm thick in riser of steps, skirting, dado and pillars laid on 12mm (average) thick cement mortar 1:3 (1cement : 3 sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	sqm	65.00	999.9	64994
16	22.7.1	Providing and laying integral cement based water proofing treatment including preparation of surface as required for trea tm en t o f roo fs,balconi es, terrace s etc consisting of following operations: 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 300mm height including cleaning the surface before treatment.b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115mm si ze with 50% of cement mortar 1:5 (1 cement : 5 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 sand) admixed with wate r proofi ng compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope a nd treating similarl y the adjoining walls upto 300 mm heightin cluding rounding of junctions of walls and slabs c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg / sq m of cement admixed with water proofing compound	sqm	217.00	824.46	178908

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		conforming to IS: 2645 and approved by Engineer-in-charge . d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1cement :4 sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth type II grade - I tissue reinforced 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 3mm deep. 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 :(with five years service guarantee). 22.7.1 With average thickness of 150mm and minimum thickness at khurra as 75 mm.				
17		Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire up to floor two level including all wastage etc. complete.				
	5.22.4	5.16.4 Hot rolled deformed bars	kilogram	158.00	65.24	10308
18		providing and laying in position specified grade of reinforced cement concrete (with 20 mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - all work up to plinth level :				
	5.1.1	5.1.1 M 20 Nominal mix	cum	2.00	6637.4	13275
19	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (6-7mm thickness) of approved make in all colour ,shade except burgundy,bottle green,black of any size as approved by Engineer-in -charge in skirting riser of step and dedo over thick bed of cement mortar 1:3 (1 cement :3 sand) and jointing with grey slurry@ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete	sqm	301.00	759.01	228462
20		Providing and laying Ceramic glazed floor tile of any size (9-10 mm thickness) of 1st quality conforming to IS :15622 of approved make in all colours ,shade ,except white ,Ivory ,Grey.Fume RedBrown laid on 20mm thick bed of cement mortar 1:4 (1cement :4 Sand) including pointing the joints with cement and matching pigment etc complete				
	11.38	Area as above 5.31 Sqm x 10 = 53.10 Sqm	sqm	53.00	810	42930

SN	ITEM NO.	Items	Units	Quantity	RATE	AMT.
21		Providing and fixing 16mm thick gang cut mirror polished premoulded and prepolished)machine cut for Kitchen platform ,vanity counters windowsills ,facias and similar location of requiriedsize of approved shade,colour and texture laid over 20mm thick base cement mortar 1:4(1 cement : 4 sand) with joints treated with white cement mixed with matching pigment ,epoxy touch ups ,including rubbing cutting moulding and polishing to edge to give high gloss finish etc complete at all level (sample to be got approved by Engineer -in-charge)				
	8.2.1.1	Rajnagar Plain white marble /Udaipur green Marble/Zebra	sqm	31.00	1985.7	61557
22		Providing and fixing vitreous china dual purpose closet suitable foruse as squatting pan or Europeantype water closet (Anglo Indian W.Cpan) with seatlid with C.P. hinges and rubber buffers, 10litre lowlevel flushing cistern with fitting andbrackets, 40mm flush bend 20mm over flow pipe with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting andmakinggood the walls and floors wherever required				
	17.68.1	W C pan with ISI marked white solid plastic seat and lid	Each	9.00	6020.03	54180
23		Providing and water closet squatting pan (Indian type W C pan) with 100mm sand cast iron P or S trap 10 lit. low level white P.V.C.flushing cistern with manually controled divice (Hand lever) conforming to IS:7231with all fitting and fixture complete including cutting and making good the wall and floor wherever required				
		white vitreous china Orissa pattern WC pan of size 580 x 440 mm				
	17.1.1	with integral type footrest	Each	9.00	3106.38	27957
24		Providing and fixing trap of self cleaning design with scriwed down or hinged grating with or without vent arm complete including cost of cutting and making good the wall and floor				
	17.60.2.1	100 mm inlet and 75 mm out let Sand cast iron S & S as per IS - 3989	Each	42.00	879.11	36923
25		Providing and applying Tape creat chemical two coat on roof surface as instructed by the HO Civil Engg. Officer	Sqm	232.00	293.44	68078
26		Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps,32mm C.P. brasswaste of standard pattern, brass pillar taps,32mm C.P. brasswaste of standard pattern,				
	17.7.1	White Vitreous China Wash basin size 630x450 mmwith a pair of 15mm C.P. brass pillar taps.	Each	18.00	1937.07	34867
			TOTAL	1,815,761		