



**ITALITAR RESIDENCE**  
**Province No 3, Kathmandu, Nepal**

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
<b>A</b>	<b>CIVIL WORK</b>						
<b>1.0</b>	<b>Site Clearance</b>						
1.1	<b>Clearing jungle</b> including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared also levelling the surface all complete as per the specification, drawings and instruction of engineer	Sq.m	248.52			248.52	
<b>2.0</b>	<b>Earthwork</b>						
2.1	Earthwork in <b>Excavation</b> in All type of soils in foundation including 10m hauling distance and 2.5 m. lift as per drawing, specifications and instructions of engineer all complete.	Cu.m	368.48	9.63	56.26	434.37	
2.2	<b>Filling available excavated earth</b> (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.as per drawing, specification & instructions of engineer all complete.	Cu.m	307.72			307.72	
2.3	<b>Supplying and filling of local earth</b> in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.as per drawing, specification & instructions of engineer all complete.	Cu.m	57.27			57.27	
<b>3.0</b>	<b>Soling Work</b>						
3.1	<b>Dry Flat Brick Soling</b> in foundation including sand filling in joints, leveling, ramming etc. all complete as per drawing, specification & instructions of engineer all complete.	Sq.m	112.47	3.35	14.76	130.58	
3.2	<b>Brick Bat Soling</b> Below flooring including, leveling, ramming etc. all complete as per drawing, specification & instructions of engineer all complete.	Cu.m	10.08			10.08	
3.3	<b>Supplying and filling Sand</b> in plinth, under floors, including watering, ramming, consolidating and dressing etc. all complete as per drawing, specification & instructions of engineer all complete.	Cu.m	6.86			6.86	
3.4	Providing and laying on sunken areas broken light weight concrete (AAC block bats) of approximately 600 kg. per Cum density laid, consolidated, finished smooth, including finishing & grouting the top layer with water proof cement mortar as per specifications and drawing.	Cu.m	10.14			10.14	
<b>4.0</b>	<b>P.C.C. [1:3:6] Work</b>						
4.1	Plain cement Concrete (PCC) in <b>M10</b> (1:3:6) ratio for foundations and walls with approved quality of cement and sand and crushed including, mixing, laying using mixture & Vibrator, curing etc all complete as per drawing, specification and instructions of engineer	Cu.m	9.03			9.03	
4.2	Plain cement Concrete (PCC) in <b>M15</b> (1:2:4) ratio for flooring with approved quality of cement and sand and crushed stone aggregate including mixing, laying using mixture & Vibrator, curing etc all complete as per drawing, specification and instructions of engineer	Cu.m	15.13	0.34	1.11	16.58	
4.3	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on <b>Damp Proof Course</b> after cleaning the surface with brushes and laying, second layer of DPM 1000 gauge polythene laid on top of blinding including 100mm side and end lap when the first layer is still green. all complete as per drawing, specification and instructions of engineer	Sq.m	52.88			52.88	
4.4	Providing DPM ( <b>Damp Proof Membrane</b> ) 1200 gauge polyhtene under floor. Overlaps of joints of polyhtenw should not be less than 10 cm . all complete as per drawing, specification and instructions of engineer	Sq.m	125.26			125.26	



**ITALITAR RESIDENCE**  
**Province No 3, Kathmandu, Nepal**

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
4.5	Supplying chemical emulsion in sealed containers including delivery as specified.Chlorpyriphos/ Lindane emulsifiable concentrate of 20%. <b>Anti termite Treatment</b> of soil under floors and 600mm offset from Exterior walls using chemical emul- sion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes :With Chlorpyriphos/Lindane E.C. 20% with 1% concentration (dilute chemical of 20% concentration. 19 parts of water shall be added to one part of chemical for achieving 1% concentration.)	Sq.m	139.38			139.38	
<b>5.0</b>	<b>R.C.C. Work</b>						
5.1	Providing and laying in position <b>R.C.C .M20 grade</b> (approved quality of cement and sand and crushed stone aggregate) Reinforced cement concrete work in Footing, shear walls (any thickness), beams, suspended floors, slab, balconies, lintels, bands, staircases any level, including mixing, laying using mixture & Vibrator, curing etc all complete as per drawing, specification and instructions of engineer.	Cu.m	182.73	0.40	7.20	190.33	
5.2	<b>TMT Reinforcement</b> bar of Fe-500 grade including straightening, cleaning, cutting, binding & fixing in position with annealed tying binding wire including cover blocks etc in foundation and superstructures as per drawings, specifications, instructions of engineer all complete.	Kg	29639.23	43.50	1611.05	31293.78	
<b>6.0</b>	<b>Formwork</b>						
6.1	<b>Formwork for columns &amp; Wall</b> , shuttering, centering with 19mm thick waterproof ply for column in all heights, true to the line and level, necessary propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support if fully unyielding net as per drawing, specification and instructions of engineer all complete:	Sq.m	298.23		76.71	374.94	
6.2	<b>Formwork for Beam</b> , shuttering, centering with 19mm thick waterproof ply board in all heights, true to the line and level, and steel post for all works necessary propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support if fully unyielding net s per drawing, specification and instructions of engineer all complete:	Sq.m	515.69			515.69	
6.3	<b>Formwork for Slab &amp; foundation</b> , shuttering, centering with 19mm thick waterproof ply board in all heights, true to the line and level, and steel post for all works necessary propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support if fully unyielding net s per drawing, specification and instructions of engineer all complete	Sq.m	507.89	3.44		511.33	
<b>7.0</b>	<b>Masonry Work</b>						
7.1	<b>Brick work up to Plinth Level</b> , with common burnt clay (non modular) bricks of class designation 12.5 in cement mortar 1:4 (1 cement : 4 coarse sand), in perfect line level finish including soaking the bricks, racking the joints, scaffolding and curing the work for at least 7 days as per drawing, specification and instructions of engineer all complete.	Cu.m	81.09	4.80		85.89	
7.2	<b>Brick work above plinth Level</b> , with common burnt clay (non modular) bricks of class designation 12.5 in cement mortar 1:4 (1 cement : 4 coarse sand), in perfect line level finish including soaking the bricks, racking the joints, scaffolding and curing the work for at least 7 days as per drawing, specification and instructions of engineer all complete.	Cu.m	108.10			108.10	
7.3	<b>Nepali brick masonry above plinth Level</b> , with common burnt clay selected bricks tile of class designation 10 exposed brick work, including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand in superstructure above plinth level up to floor V leve in perfect line level finish including soaking the bricks, racking the joints, scaffolding and curing the work for at least 7 days as per drawing, specification and instructions of engineer all complete.	Cu.m	49.17			49.17	
<b>8.0</b>	<b>Plaster &amp; Pointing and Bands Work</b>						



**ITALITAR RESIDENCE**  
**Province No 3, Kathmandu, Nepal**

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
8.1	12.5 mm thick cement <b>Plastering on internal wall</b> , 1:4 (1cement : 4 sand) mortar any level size and shape of wall, column, band, blocks, etc. including racking the joint, Chipping the concrete surface, watering, cleaning of base, plastering to plumb, line, level, smooth etc. and curing, all complete as per drawings, specifications and instructions.	Sq.m	1338.95			1338.95	
8.2	20 mm thick cement <b>Plastering on External wall</b> , 1:4 (1cement : 4 sand) mortar any level size and shape of wall, column, band, blocks, etc. including racking the joint, Chipping the concrete surface, watering, cleaning of base, plastering to plumb, line, level, smooth etc. and curing, all complete as per drawings, specifications and instructions of the Engineer.	Sq.m	647.82			647.82	
8.3	12.5 mm thick cement <b>Plastering on ceiling</b> , 1:3 (1cement : 3 sand) mortar any level size and shape of ceiling. including racking the joint, Chipping the concrete surface, watering, cleaning of base, plastering to plumb, line, level, smooth etc. and curing, all complete as per drawings, specifications and instructions.	Sq.m	411.75	31.91	81.66	525.32	
8.4	Providing and fixing horizontal & vertical <b>Chicken mesh at Joint</b> all levels galvanized chicken mesh, 300mm wide, 24 SWG and provide at junctions of column/beam & walls & conduit pipes wherever required Mesh to be properly stretched and nailed ensuring equal thickness of plaster on both sides of the mesh. all complete as per drawings, specifications and instructions.	Sq.m	314.21			314.21	
8.5	<b>Pointing Work on Exposed Brick Surface</b> Providing and applying at all levels Pointing (Flush / Ruled/ Struck or weathered or Raised and cut pointing ) on Exposed brick work with Lime Surkh (1lime : 1surkhi ) Mortar at Exposed face side of brick masonry joint .all complete as per drawings, specification and instruction of the of the Engineer.	Sq.m	215.07			215.07	
8.6	Providing and applying <b>Cement Plaster Moulded &amp; band</b> at all levels for balcony sill , window sunshade, facias, similar locations of required size in required design and patterns 18 mm thick moulded cement mortar band in two coats under layer 12 mm thick with cement mortar 1:5 (1 cement : 5 coarse sand) top layer 6 mm thick with cement mortar 1:4 (1 cement : 4 fine sand).Proper templates conforming to the sectional periphery of the moulded band as at the stages of the undercoat and the finished final coat shall be made and got approved and used at the proper stages in executing the bands to true and accurate profile. The lines of the bands as finally completed shall be truly parallel and straight and the surfaces smoothly finished..all complete as per drawings, specification and instructions of engineer .	Rm	213.49			213.49	
<b>9.0</b>	<b>Painting Work</b>						
9.1	Providing and applying two or more coats <b>Putty 2 mm</b> thickness over plastered surface to prepare the surface even and smooth complete and rubbing down the surface, with one coat of approved primer, rate to include all tools, labour, scaffolding, primer as required, complete as directed by instructions of engineer .	Sq.m	1750.69			1750.69	
9.2	Providing and applying in Three or more coats, <b>Emulsion Paint</b> of approved brand and shade to internal surfaces (walls/ partitions/ ceiling), to give an even shade to the approval of the Engineer.	Sq.m	1750.69			1750.69	
9.3	Two or more coats of <b>Weather Coat Applied</b> @ 3.28 ltr/10 sqm over primer coat and including priming coat of exterior primer applied @ 2.20kg/10 sqm. including surface preparation all complete as per drawings, specifications and instructions of engineer .	Sq.m	647.82			647.82	



**ITALITAR RESIDENCE**  
**Province No 3, Kathmandu, Nepal**

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
9.4	<b>Water Repellant Silicon Based Coating</b> on Brick Surface Providing and applying two or more coats with silicon based non film , transparent , antifungal, alkaline stable ,impregnable water repellent Dow SIL -520 or BS-3003 Wacker or equivalent make containing Silane Siloxane Emulsion with water dilution as per manufacturer specification in the ratio 1:6 (1 DOW-520 : 6 Water ) on the exposed pointed brick, cladding surface. including cleaning brick surface using brick cleaning chemical, single or multi-stage scaffolding, etc. .all complete as per drawings, specification and instruction of the of the Engineer.	Sq.m	215.07			215.07	
9.5	Two coat of <b>Enamel Paint</b> over one coat of primer of approved brand and manufacture of required colour to give an even shade, including surface preparation all complete as per drawings, specifications and instruction of the Engineer.	Sq.m	8.31			8.31	
<b>10.0</b>	<b>Flooring work</b>						
10.1	Providing and laying in required line, level and pattern <b>50mm thick Screeding</b> comprising an under layer of cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12mm and down grade) the depth of the pattern of the cement floor finish shall be maintained keeping on view of the thickness of upcoming floor finish layer and finished top layer with 1/4" -1/2" stone chips with proper finish and in proper slope for draining water all complete on floors for the purpose of laying tiles/marbel/granite/cement puning etc. all complete as per drawing, specification and instruction of the Engineer.	Sq.m	621.93			621.93	
10.2	Providing and laying <b>3 mm Cement Punning</b> in floor of 1:1 (cement : screened sand) over 12.5 mm thick cement screeding of 1:3 ( cement : sand) laying in required pattern, line and level including curing all complete as per drawings, specifications and instruction of engineer all complete.	Sq.m	208.97			208.97	
10.3	<b>Cement plaster skirting</b> up to 30 cm height, 18mm thick with cement mortar 1:3 (1cement : 3 coarse sand), finished with a floating coat of neat cement as per drawing, specification & instructions of engineer all complete.	R.m	267.82			267.82	
10.4	Providing and laying <b>Flamed Finish Granite stone</b> flooring and for kitchen platforms, vanity counters, parapet sill , window sills, facias, Landing , staircase Trade & riser and similar locations of required size in required design and patterns and moulding (if rquired), in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. including providing skirting upto 150 mm height along the walls in the same manner. all complete as specified and as directed by the Engineer-in-Charge :	Sq.m	128.60			128.60	
10.5	Providing and laying <b>Vitrified Floor Tiles</b> in toilet and kitchen approved size and thickness with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades in floor and skirting .over laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., including providing skirting upto 150 mm height along the walls in the same manner.etc. complete.all complete as per the instruction of the Engineer.	Sq.m	100.81			100.81	
10.6	Providing and fixing 1st quality <b>Ceramic Glazed Wall Tiles</b> in toilet and kitchen 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 on wall and dados over 12 mm thick bed of cement Mortar 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.	Sq.m	69.86			69.86	



**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
10.7	Providing and fixing <b>Heat Resistant Terrace Tiles</b> (300 mm x 300 mm x 20 mm) with SRI (solar refractive index) > 78, solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid on 20 mm thick cement sand mortar in the ratio of 1:4 (1 cement : 4 coarse sand) and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including rubbing and polishing of the surface upto 3 cuts complete, including providing skirting upto 150 mm height along the parapet walls in the same manner.all complete as per drawings, specifications and instruction instructions of engineer .	R.m	148.23			148.23	
10.8	Providing and fixing <b>Anti Skid Parking Tile</b> (Endura) of approved size and thickness with water absorption less than 0.08% and conforming to IS:15622 of approved make in all colours shades of any size in floors and skirting over 20 mm thick bed of cement mortar 1:4 and jointing with grey cement slurry @3.3 kg per Sqmt, including pointing in white cement mixed with pigment of matching shade, including providing skirting upto 150 mm height along the walls in the same manner.etc. complete complete.all complete as per the instruction of the Engineer/Architect consultant:	Sq.m	141.07			141.07	
<b>11.0</b>	<b>Door &amp; Window Work</b>						
11.1	Providing and Fixing <b>Single or Double Panel Casement (Hinged) and Sliding window and Ventilation of aluminum</b> with fixed pannels and/or as per requirement ventilator but without fly mesh shutter in 62x38x1.2mm with black anodized or powder coated color section with 5mm glass Agrani Almunium Nepal or Equivalent including Brass Tower Bolt 4" Long Brass Kabja and other required accessories, all complete as per drawing, specification and instruction of the Engineer.	Sq.m	46.82			46.82	
11.2	Providing and fixing <b>Single or Double Panel Casement (Hinged) and Sliding Door of aluminum</b> section with black anodized or powder coated color Section size (102x45x1.5 mm) fitted with 5 mm clear glass or 9 mm both side laminated board including the cost of 4" Long Brass Kabja, 300mm & 150mm long tower bolts, Sliding bolt 250mm , Door Handel 100mm, Floor Door Stoper, Door Closer, with Mortice Lock all complete as per drawing, specification and instruction of the Engineer.	Sq.m	60.48			60.48	
11.3	Supplying and fixing Well seasoned Agrakh <b>chaukhats/Frame</b> for fixed / openable doors / windows with (100x75mm) good finish of approved quality including fixing in position with necessary <b>M.S. hold fasts</b> , hardware etc all complete as per drawing, specification and instruction of the Engineer.	cu.m	0.08			0.08	
11.4	Providing & fixing 38mm thick Solid Core <b>Door shutters</b> (both side teak ply (PF/BST) waterproffing 38 x 12mm thick sal timber leaping arrangement) fixed in position with 4 nos. 100mm long brass Hinges to each shutters including the cost of 300mm & 150mm brass long tower bolts, Sliding bolt 250mm , Door Handel 100mm, Floor Door Stoper, Door Closer, with Mortice Lock all complete as per drawing, specification and instruction of the Engineer.	sqm	5.20			5.20	
11.5	Providing and fixing Fly mesh Shutter with Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia. wire and 1.4mm wide aperture with matching aluminum beading for window .	sqm				46.82	
<b>12.0</b>	<b>Iron and Stainless Steel Works</b>						
12.1	Making and fitting fixing of <b>Stainless Steel Pipe Staircase Railling</b> with 50 mm. dia.stainless steel pipe handrail and 4 row 25mm.dia.stainless steel pipe in between handrail and floor and 50 mm.dia.stainless steel pipe for vertical post/Baluster @ 2m. c/c including Newel post with Cap including welding , cutting all complete as per design, specification and approval of site Engineer.	Rm	16.92			16.92	



**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
12.2	<b>Balcony MS Railing</b> - Providing, fabricating & fixing M.S. works using MS Flats, Square/Round Bars, Hollow square or round sections with 50 mm. dia. pipe top handrail and bottom, 25 mm.dia. for vertical post @ 300mm C/C .height upto 900mm and decorative panel as per design between vertical post etc. including welding, grinding, fixing, painting, all complete as per drawing, specification and instruction of the Engineer.	Rm	39.87			39.87	
12.3	Making and fitting fixing of <b>Stainless Steel Pipe Terrace Railling</b> with 50 mm. dia.stainless steel pipe handrail and 3 row 25mm.dia.stainless steel pipe in between handrail and floor and 50 mm.dia.stainless steel pipe for vertical post/Baluster @ 600mm. c/c ht. up to 600mm including welding , cutting all complete as per design, specification and approval of site Engineer.	Rm	43.28			43.28	
12.4	<b>Circular staircase</b> of M.S.works welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete of size 4'6" dia with medium type black pipe post, 3/4" X 3/4" square pipe and 1 1/4" dia medium black pipe hand rail, steps width 2'-0" to 2'-6", all complete as per drawing, specification and instruction of the Engineer.	Kgs	200.00			200.00	
12.5	<b>Structural Steel Work in single section Hollow rectangle</b> sections 200x100x 4mm, fixed with or without connecting plate,including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per drawing, specification and instruction of the Engineer.	Kgs	963.32			963.32	
12.6	Providing & fixing UV stabilised <b>Fiberglass Reinforced Plastic sheet</b> ( 2 mm thick flat )roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers completebut excluding the cost of purlins, rafters, trusses etc. The sheets shall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system underapproximately 2400 psi and hot cured. They shall be of uniformpigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866.The sheets shall be opaque or translucent,clear or pigmented, textured or smooth as specified.all complete as per drawing, specification and instruction of the Engineer.	sqm	7.54			7.54	
12.7	<b>Providing &amp; fixing MS Main gate</b> , of M.S.works welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works etc.all complete as per design, specification and approval of site Engineer.	kgs	200.00			200.00	
<b>13.0</b>	<b>Waterproofing Work</b>						
13.1	Providing and laying water proofing treatment <b>on Roof/Terrace of slabs</b> by applying cement slurry mixed with water proofing cement compound consisting of applying:all complete as per drawing, specification and instruction of the Engineer.	Sq.m	184.39			184.39	
(a)	after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm.						
(b)	laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm.						
(c)	third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around.						
(d)	fourth and final layer of tiling with cement mortar (which will be paid for separately.						



**ITALITAR RESIDENCE**  
**Province No 3, Kathmandu, Nepal**

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
13.2	Providing and laying water proofing treatment in <b>WCs, bathroom</b> etc., by applying cement slurry mixed with water proofing cement compound consisting of applying all complete as per drawing, specification and instruction of the Engineer.	Sq.m	88.70	26.88		115.58	
(a)	First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours.						
(b)	Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.  (The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.)						
13.3	Providing and applying <b>integral crystalline slurry</b> of hydrophilic in nature for waterproofing treatment to the RCC structures like <b>water tanks, reservoir, sewage</b> etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces two coats @ 0.70 kg per sqm and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces one coat @1.10 kg per sqm. and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage. all complete as per drawing, specification and instruction of the Engineer.	Sqm			37.50	37.50	
13.4	Providing and Placing in position suitable <b>PVC water stops</b> ( Serrated/Dumb bell with central bulb (225 mm wide, 8-11 mm thick))conforming to IS:12200 for construction/ expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. all complete as per drawing, specification and instruction of the Engineer.	Rm			12.00	12.00	
<b>14.0</b>	<b>Miscellaneous</b>						
14.1	supply and filling brick Aggregate for soak pit all complete as per drawing, specification and instruction of the Engineer.	cum		0.38		0.38	
14.2	Dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, for soak pit all complete as per drawing, specification and instruction of the Engineer.	sqm		13.51		13.51	
14.3	MS cover Septi tank & Water tank 455x610mm	nos		1.00	1.00	2.00	
<b>B</b>	<b>SANITARY WORK</b>						
<b>1.0</b>	<b>Sanitary Installation</b>						
	Providing and fixing in position of all work items with all necessary fittings complete with testing and ready for operation as per drawings, specifications, manufacturer's recommendations and instructions. The rate shall include for position marking, maintain line, level or grade wherever required, sand filling/compaction, earth cutting and backfilling, cutting, chasing of walls, plasters or tiles etc. and making good and touching up to restore to original conditions wherever instructed and applicable for any of the items below. Sanitaryware: Hindware / Parryware or equivalent, CP Fixtures: Hindware / Parryware / Jaquar or equivalent, SWR Pipes: Marvel / Mangalam / Nepatop or equivalent, Hot/Cold Water Supply Pipe and fittings: Marvel / Managlam / Hilltake CPVC or equivalent, Gun Metal Gate Valve: LEADER/SANT, Ball Valve: Marvel/ Managlam / Hilltake CPVC						



**ITALITAR RESIDENCE**  
**Province No 3, Kathmandu, Nepal**

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
1.1	Providing and fixing white vitreous china pedestal type water closet ( <b>European type W.C. pan</b> ) W.C. pan with ISI marked white solid plastic seat and lid with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Set	10			10.00	
1.2	Providing and fixing C.P. brass <b>toilet paper holder</b> :	Nos	10			10.00	
1.3	Providing and fixing <b>wash basin</b> with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Set				10	
1.4	Providing and fixing <b>mirror</b> of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm	Nos				10	
1.5	<b>Providing and fixing PTMT shelf</b> 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms.	Nos				10	
1.6	Providing and fixing PTMT <b>liquid soap container</b> 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	Nos				10	
1.7	Providing and fixing PTMT <b>towel ring</b> trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms	Nos				10	
1.8	Providing and fixing PTMT <b>towel rail</b> complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	Nos				10	
1.9	<b>Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink</b> as per IS:13983 with C.I. brackets and stainless steel plug 40 mm,C.P. brass waste coupling complete including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink without drain board 610x510 mm bowl depth 200 mm	Set				2	
<b>2.0</b>	<b>Water Supply Installation</b>						
2.1	<b>Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot &amp; cold water supply, including all CPVC plain &amp; brass threaded fittings(Union, Socket/Coupler/elbow/T / By pass/Nipple/, Reducer, Brass MT/FT),</b> including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and <b>Concealed work</b> , including cutting chases and making good the walls etc-and testing of joints complete as per direction of Engineer in Charge-						
	- 25 mm dia.	Rm				37.81	
	- 20 mm dia.	Rm				47.21	
	- 15 mm dia.	Rm				82.78	
2.2	<b>Insulation for hot water pipe</b> , 6mm wall thickness as per approved shop drawing and as instructed by the Engineer. (Aeroflex, Superloan or equivalent)						
	- 25 mm dia.	Rm				13.29	
	- 20 mm dia.	Rm				23.61	
	- 15 mm dia.	Rm				42.00	
2.3	LEADER brand or equivalent Full way Gun-Metal <b>Gate Valve</b> as per approved shop drawing and as instructed by the Engineer.						
	- 25 mm dia.	Nos				14.00	



**ITALITAR RESIDENCE**  
**Province No 3, Kathmandu, Nepal**

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
2.4	LEADER brand or equivalent Gun-Metal <b>Check valve</b> as per approved shop drawing and as instructed by the Engineer. - 25 mm dia.	Nos				1.00	
2.5	LEADER brand or equivalent Gun-Metal <b>Float Valve</b> as per approved shop drawing and as instructed by the Engineer. - 25 mm dia.	Nos				1.00	
2.6	Providing and fixing PTMT <b>angle stop cock</b> 15 mm nominal bore, weighing not less than 85 gms	Nos				40.00	
2.7	Providing and fixing PTMT <b>pillar cock</b> of approved quality and colour.15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms	Nos				0	
2.8	Providing and fixing PTMT <b>bib cock</b> of approved quality and colour.15 mm nominal bore, 90 mm long, weighing not less than 93 gms	Nos				11.00	
2.9	Providing and fixing PTMT stop cock of approved quality and colour. <b>Concealed stop cock</b> , 15 mm nominal bore, 108 mm long, weighing not less than 108 gms	Nos				0.00	
2.10	Providing and fixing C.P. <b>brass shower rose</b> with 15 or 20 mm inlet : 150 mm diameter	Nos				10.00	
2.11	Providing and fixing uplasticised <b>PVC connection pipe</b> with brass unions :45 cm length 20 mm nominal bore.	Nos				10.00	
2.12	<b>Providing and fixing 8 mm dia C.P. / S.S. Jet</b> with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	Nos				10.00	
2.13	Providing and fixing CP Brass <b>wall mixer 2 in 1</b> of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia	Set				10.00	
2.14	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole <b>basin mixer &amp; sink mixer</b> of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:- White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	Nos				12.00	
2.15	Providing and fixing PTMT <b>Bottle Trap</b> for Wash basin and sink Bottle trap 31mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms	Nos				12.00	
2.16	<b>Providing and fixing PTMT Waste Coupling</b> for wash basin and sink, of approved quality and colour.Waste coupling 38 mm dia of 83 mm length and 77mm breadth, weighing not less than 60 gms	Nos				12.00	
2.17	Providing and fixing <b>P.V.C. waste pipe</b> for sink or wash basin including P.V.C. waste fittings complete.Flexible pipe 40 mm dia	Nos				12.00	
2.18	5000 lit capacity <b>PVC/HDPE water tank</b> HiTake or equivalent including fixing extension nipple for water tank pipe, fittings of approved quality and colour.	Nos				1.00	
2.19	Pedrollo or Grundfos or equivalent <b>Electric centrifugal Water Pump</b> of capacity 60 lpm @ 21 m head (approx. 1.0 HP Motor) complete with electrical cables, control switch, testing and ready for operation.	Nos				1.00	
2.20	Providing & Fixing <b>water meter</b> and stop cock in G.I. pipe line including cost of water meter, stop cock ,tail pieces, cutting and threading the pipe and making long screws etc. enclosed type water meter (bulk type) conforming to IS : 2373 and tested by Municipal Board complete with bolts, nuts, rubber insertions etc. complete .	Nos				1.00	
3.0	<b>Sewer, Waste &amp; Rain Water Drainage Installation</b>						



**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
3.1	Astral / Ashirbad / Marvel or approved brand UPVC SWR pipes including cutting, jointing, sealing with rubber washer and solvent cement and for complete installation, <b>UPVC clamps, nails and hooks</b> . Installation of pipes and specials including Fitting ( <b>Reducer, Bends Elbow, Y, T, Door Bend</b> ) making holes on walls or floor and repairing the same to its original finish, excavation and backfill (compaction as per civil works specifications) in any type of soil. Pipes to be installed on trenches or walls or floor or hung to ceilings as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. Cutting chases in brick masonry walls for following diameter 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) The rate shall include for all labour and materials required. The measurement shall be done for running metre including fittings etc. (Steel Split Clamp with washer all complete)			12.41 DSR			
3.1.1	- 160 mm SN-4	Rm				1	
3.1.2	- 110 mm SN-4	Rm				75.47	
3.1.3	- 75 mm SN-4	Rm				35.77	
3.2	75 mm UPVC Cowl Vent	Nos				4.00	
3.3	PVC Floor Trap 11x7.5cm (4" X 2½")	Nos				22.00	
3.4	PVC Multi Floor Trap 11x7.5cm (4" X 2½")	Nos				4.00	
3.5	Providing and fixing 100 mm S.S grating for gully trap.	Nos				22.00	
3.6	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:	Nos				6.00	
3.7	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design:						
3.7.1	Inside dimensions 455x610 mm and 45 cm deep for single pipe line :	Nos				3.00	
<b>C</b>	<b>ELECTRICAL WORK</b>						
<b>A</b>	<b>Electrical Appliances</b>						
1	Supply, Installation, Testing & Commissioning of ceiling mounted Square type <b>6W LED</b> panel light, Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set				37.00	
2	Supply, Installation, Testing & Commissioning of ceiling mounted Square type <b>18W LED</b> panel light, Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set				23.00	
3	Supply, Installation, Testing & Commissioning of <b>48" Ceiling Fan</b> Bajaj or eqv. with all necessary accessories: screws, gripes, box etc all complete.	Set				10.00	
4	Supply, Installation, Testing & Commissioning of <b>16" Wall Fan</b> Bajaj or eqv. with all necessary accessories: screws, gripes, box etc all complete.	Set				2.00	
5	Supply, Installation, Testing & Commissioning of <b>12" Exhaust Fan</b> Bajaj or eqv. with all necessary accessories: screws, gripes, box etc all complete.	Set				10.00	
<b>B</b>	<b>Wiring &amp; Switch Box</b>						



**ITALITAR RESIDENCE**  
**Province No 3, Kathmandu, Nepal**

**Project Name: ITALITAR RESIDENCE**

**Location: Province No 3, Kathmandu, Nepal**

**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
1	Wiring for <b>independent Switch</b> light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.	Points				117.00	
2	Wiring for <b>twin control light point</b> with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface /recessed steel conduit, 2 way modular switch and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required	Points				6.00	
3	Wiring for <b>group controlled (looped)</b> light point/fan point/exhaust fan point/ call bell point ( without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc as required	Points				6.00	
4	Wiring for <b>circuit/ submain</b> wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required						
4.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Rm				101.00	
4.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Rm				328.50	
4.3	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Rm				51.70	
5	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp, of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the corners. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	Each				11.00	
6	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling Round Concealed Light box, of internal dia 140 mm, 60 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3 mm dia round headed screws,one lock at the corners.	Each				24.00	
7	Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required.						
7.1	3 Module (100mmX75mm)	Each				24.00	
7.2	6 Module (200mmX75mm)	Each				30.00	
7.3	8 Module (125mmX125mm)	Each				13.00	
8	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.						
8.1	5/6 A switch	Each				162.00	
8.2	2 way 5/6 A switch	Each				6.00	
8.3	15/16 A switch	Each				22.00	
8.4	3 pin 5/6 A socket outlet	Each				45.00	
8.5	6 pin 15/16 A socket outlet	Each				22.00	
8.6	TV antenna socket outlet	Each				4.00	
8.7	Bell push	Each				3.00	
9	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc.as required.	Each				10.00	
10	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each				8.00	
11	Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts, complete as required.	Each				3.00	
12	Supplying and fixing 3 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required	Each				68.00	



**ITALITAR RESIDENCE**  
**Province No 3, Kathmandu, Nepal**

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Abstract of Cost(AOC)**

S.N.	Description of Work	Unit	Quantity	Septic& soak	Water tank	Total Quantity	Remarks
<b>C</b>	<b>Distribution Box (MCB/MCCB &amp; DB)</b>						
1	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
1.1	40 A	Each				4.00	
2	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
2.1	Single pole and neutral	Each				4.00	
2.2	Single pole	Each				23.00	
3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)						
3.1	8 way , Double door	Each				2.00	
3.2	12 way , Double door	Each				2.00	
<b>D</b>	<b>EARTHING</b>						
1	<b>EARTHING PLATE:</b> Supply, Installation, Testing & Commissioning of Copper Plate earthing with plate size of 650 x 650 x 3.15 mm copper plate (1 Set), 25 x 3 sq. mm copper strip with Brazing to plate, 25 mm Diameter GI Pipe (2 meter), 5/16 nuts & bolt with spring washer cadmium maker (1 set), Salt (40 KG), Charcoal Dust (4 bag), 30 Cm x 30 Cm Cast Iron Cover for water pouring intopit (1 set) and Funnel with wire mesh (1 set) etc with all Accessories : salt, coal, cu plate, HDPE polythene pipe., etc all complete.	Set				1	

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1 0.08	2 0.17	3 0.25	4 0.3	5 0.42	6 0.50	7 0.58	8 0.67	9 0.75	10 0.83	11 0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
<b>A</b>	<b>CIVIL WORK</b>									
<b>1.0</b>	<b>Site Clearance</b>									
1.1	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared also levelling the surface all complete as per the specification, drawings and instruction of engineer	Sq.m				Area				
	As per Drawing Site Area	1.00				2,675.00	2,675.00			
						<b>Total</b>	<b>2675.00</b>			
						<b>Total</b>	<b>248.52</b>			
							<b>Sq.ft.</b>			
							<b>Sq.m</b>			
<b>2.0</b>	<b>Earthwork</b>									
2.1	Earthwork in Excavation in All type of soils in foundation including 10m hauling distance and 2.5 m. lift as per drawing, specifications and instructions of engineer all complete.	Cu.m								
			area							
	as per ground floor plan	1.00	1782.00		7.00	12,474.00				
	Boudary wall	1.00	130.00		2.00	260.00				
	External room	1.00	39.80		7.00	278.60				
						<b>Total</b>	<b>13012.60</b>			
						<b>Total</b>	<b>368.48</b>			
							<b>Cu.ft.</b>			
							<b>Cu.m</b>			
2.2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.as per drawing, specification & instructions of engineer all complete.	Cu.m								
	Excavtion Quantity	1.00	13012.60			13,012.60				
	Footing Soling quantity	-1.00	1210.67		0.30	-363.21				
	Footing PCC quantity	-1.00	318.88			-318.88				
	Footing RCC quantity	-1.00	1248.66			-1,248.67				
	Lower Tie beam & strap quantity	-1.00	214.76			-214.76				
						<b>Total</b>	<b>10867.08</b>			
						<b>Total</b>	<b>307.72</b>			
							<b>Cu.ft.</b>			
							<b>Cu.m</b>			
2.3	Supplying and filling of local earth in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.as per drawing, specification & instructions of engineer all complete.	Cu.m								
	From ground lvl. To plinth lvl.	1.00	45.83	29.42	1.50	2,022.48				
						<b>Total</b>	<b>2022.48</b>			
						<b>Total</b>	<b>57.27</b>			
							<b>Cu.ft.</b>			
							<b>Cu.m</b>			
<b>3.0</b>	<b>Soling Work</b>									
3.1	Dry Flat Brick Soling in foundation including sand filling in joints, leveling, ramming etc. all complete as per drawing, specification & instructions of engineer all complete.	Sq.m		Projection 6 inch both side						
	<b>Below Footing PCC</b>			1.00						
	Footing F1	4.00	7.00	7.00		196.00				
	Footing F2	2.00	7.58	7.58		114.92				
	Footing F3	4.00	9.25	9.25		342.25				
	Footing F4	2.00	7.00	7.00		98.00				
	Footing F5	2.00	7.00	7.00		98.00				
				Projection 4 inch t						
	<b>Lower Tie Beam</b>			0.33						
	Along Grid A-A	1.00	12.08	1.66		20.06				
	Along Grid B-B	1.00	12.08	1.66		20.06				
	Along Grid C-C	1.00	14.00	1.66		23.24				
	Along Grid 1-1	1.00	5.75	1.66		9.55				
	Along Grid 2-2	1.00	4.67	1.66		7.76				
	Along Grid 3-3	1.00	4.33	1.66		7.19				
	Along Grid 4-4	1.00	5.50	1.66		9.13				

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
	<b>Strap Beam</b>			0.33						
	Along Grid A-A	1.00	1.17	1.66		1.95				
	Along Grid B-B	1.00	1.08	1.66		1.80				
	Along Grid C-C	1.00	1.75	1.66		2.91				
	Along Grid 1-1	1.00	8.33	1.66		13.83				
	Along Grid 2-2	1.00	5.00	1.66		8.30				
	Along Grid 3-3	1.00	5.00	1.66		8.30				
	Along Grid 4-4	1.00	7.50	1.66		12.45				
	Along Grid 5-5	1.00	8.33	1.66		13.83				
	<b>Partion wall footing</b>									
	Between Grid A1 B1 & A2 B2									
	Horizontal	1.00	8.30	0.75		6.23	Int. W			
	Vertical	1.00	5.00	0.75		3.75	Int. W			
	Between Grid B1 C1 & B2 C2									
	Vertical	1.00	11.58	0.75		8.69	brick tile			
	Between Grid A2 B2 & A3 B3									
	Horizontal	1.00	8.58	0.75		6.44	Int. W			
		1.00	6.08	0.75		4.56	Int. W			
		1.00	2.25	0.75		1.69	Ext. W			
	Vertical	1.00	10.67	0.75		8.01	Int. W			
		1.00	6.08	0.75		4.56	Ext. W			
	Between Grid B2 C2 & B3 C3									
	Horizontal	1.00	11.00	0.75		8.25	Int. W			
	Vertical	1.00	5.00	0.75		3.75	Int. W			
	Between Grid B3 C3 & B4 C4									
	Horizontal	1.00	11.30	0.75		8.48	Int. W			
	Between Grid B4 C4 & B5 C5									
	Horizontal	1.00	12.50	0.75		9.38	brick tile			
	<b>Boundary wall</b>									
	wall	1.00	130.00	0.75		97.50				
	External room	1.00	39.80	0.75		29.85				
						<b>Total</b>	<b>1210.67</b>	<b>Sq.ft.</b>		
						<b>Total</b>	<b>112.47</b>	<b>Sq.m</b>		
3.2	Brick Bat Soling Below flooring including, leveling, ramming etc. all complete as per drawing, specification & instructions of engineer all complete.	Cu.m								
	Ground floor	1.00	45.83	29.42	0.25	337.08				
	Plinth protection	1.00	76.00	1.00	0.25	19.00				
						<b>Total</b>	<b>356.08</b>	<b>Cu.ft.</b>		
						<b>Total</b>	<b>10.08</b>	<b>Cu.m</b>		
3.3	Supplying and filling Sand in plinth, under floors, including watering, ramming, consolidating and dressing etc. all complete as per drawing, specification & instructions of engineer all complete.	Cu.m								
	Ground floor	1.00	45.83	29.42	0.17	229.22				
	Plinth protection	1.00	76.00	1.00	0.17	12.92				
						<b>Total</b>	<b>242.14</b>	<b>Cu.ft.</b>		
						<b>Total</b>	<b>6.86</b>	<b>Cu.m</b>		
3.4	Providing and laying on sunken areas broken light weight concrete (AAC block bats) of approximately 600 kg. per Cum density laid, consolidated, finished smooth, including finishing & grouting the top layer with water proof cement mortar as per specifications and drawing.	Cu.m								
	Ground floor Toilet	1.00	8.00	5.00	1.00	40.00				
	First floor Toilet	1.00	152.00		1.00	152.00				
	Second floor Toilet	1.00	166.00		1.00	166.00				
						<b>Total</b>	<b>358.00</b>	<b>Cu.ft.</b>		
						<b>Total</b>	<b>10.14</b>	<b>Cu.m</b>		
4.0	<b>P.C.C. [1:3:6] Work</b>									

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1 0.08	2 0.17	3 0.25	4 0.3	5 0.42	6 0.50	7 0.58	8 0.67	9 0.75	10 0.83	11 0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
4.1	Plain cement Concrete (PCC) in M10 (1:3:6) ratio for foundations and walls with approved quality of cement and sand and crushed including, mixing, laying using mixture & Vibrator, curing etc all complete as per drawing, specification and instructions of engineer	Cu.m								
	Footing F1	4.00	7.00	7.00	0.25	49.00				
	Footing F2	2.00	7.58	7.58	0.25	28.73				
	Footing F3	4.00	9.25	9.25	0.25	85.57				
	Footing F4	2.00	7.00	7.00	0.25	24.50				
	Footing F5	2.00	7.00	7.00	0.25	24.50				
	Lower Tie Beam			Projection 4 inch b						
	Along Grid A-A	1.00	12.08	1.66	0.25	5.02				
	Along Grid B-B	1.00	12.08	1.66	0.25	5.02				
	Along Grid C-C	1.00	14.00	1.66	0.25	5.81				
	Along Grid 1-1	1.00	5.75	1.66	0.25	2.39				
	Along Grid 2-2	1.00	4.67	1.66	0.25	1.94				
	Along Grid 3-3	1.00	4.33	1.66	0.25	1.80				
	Along Grid 4-4	1.00	5.50	1.66	0.25	2.29				
	Strap Beam									
	Along Grid A-A	1.00	1.17	1.66	0.25	0.49				
	Along Grid B-B	1.00	1.08	1.66	0.25	0.45				
	Along Grid C-C	1.00	1.75	1.66	0.25	0.73				
	Along Grid 1-1	1.00	8.33	1.66	0.25	3.46				
	Along Grid 2-2	1.00	5.00	1.66	0.25	2.08				
	Along Grid 3-3	1.00	5.00	1.66	0.25	2.08				
	Along Grid 4-4	1.00	7.50	1.66	0.25	3.12				
	Along Grid 5-5	1.00	8.33	1.66	0.25	3.46				
	<b>Partion wall footing</b>									
	Between Grid A1 B1 & A2 B2									
	Horizontal	1.00	8.30	0.75	0.33	2.06	Int. W			
	Vertical	1.00	5.00	0.75	0.33	1.24	Int. W			
	Between Grid B1 C1 & B2 C2									
	Vertical	1.00	11.58	0.75	0.33	2.87	brick tile			
	Between Grid A2 B2 & A3 B3									
	Horizontal	1.00	8.58	0.75	0.33	2.13	Int. W			
		1.00	6.08	0.75	0.33	1.51	Int. W			
		1.00	2.25	0.75	0.33	0.56	Ext. W			
	Vertical	1.00	10.67	0.75	0.33	2.65	Int. W			
		1.00	6.08	0.75	0.33	1.51	Ext. W			
	Between Grid B2 C2 & B3 C3									
	Horizontal	1.00	11.00	0.75	0.33	2.73	Int. W			
	Vertical	1.00	5.00	0.75	0.33	1.24	Int. W			
	Between Grid B3 C3 & B4 C4									
	Horizontal	1.00	11.30	0.75	0.33	2.80	Int. W			
	Between Grid B4 C4 & B5 C5									
	Horizontal	1.00	12.50	0.75	0.33	3.10	brick tile			
	<b>Boundary wall</b>									
	wall	1.00	130.00	0.75	0.33	32.18				
	External room	1.00	39.80	0.75	0.33	9.86				
					<b>Total</b>	<b>318.88</b>	<b>Cu.ft.</b>			
					<b>Total</b>	<b>9.03</b>	<b>Cu.m</b>			
4.2	Plain cement Concrete (PCC) in M15 (1:2:4) ratio for flooring with approved quality of cement and sand and crushed stone aggregate including mixing, laying using mixture & Vibrator, curing etc all complete as per drawing, specification and instructions of engineer	Cu.m								
	Ground floor	1.00	45.83	29.42	0.33	444.95				
	Plinth protection	1.00	76.00	1.00	0.33	25.08				
	External room	1.00	11.00	17.67	0.33	64.15				
					<b>Total</b>	<b>534.18</b>	<b>Cu.ft.</b>			
					<b>Total</b>	<b>15.13</b>	<b>Cu.m</b>			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
4.3	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on Damp Proof Course after cleaning the surface with brushes and laying. second layer of DPM 1000 gauge polythene laid on top of blinding including 100mm side and end lap when the first layer is still green. all complete as per drawing, specification and instructions of engineer	Sq.m								
	Plinth beam along grid A,B,C	3.00	45.83		2.00	274.98				
	Plinth beam along grid 1 to 5	5.00	29.42		2.00	294.20				
					<b>Total</b>	<b>569.18</b>			<b>Sq.ft.</b>	
					<b>Total</b>	<b>52.88</b>			<b>Sq.m</b>	
4.4	Providing DPM (Damp Proof Membrane ) 1200 gauge polyhtene under floor. Overlaps of joints of polyhtenw should not be less than 10 cm . all complete as per drawing, specification and instructions of engineer	Sq.m								
	Ground floor area	1.00	45.83	29.42		1,348.32				
					<b>Total</b>	<b>1348.32</b>			<b>Sq.ft.</b>	
					<b>Total</b>	<b>125.26</b>			<b>Sq.m</b>	
4.5	Supplying chemical emulsion in sealed containers including delivery as specified.Chlorpyriphos/ Lindane emulsifiable concentrate of 20%. Anti termite Treatment of soil under floors and 600mm offset from Exterior walls using chemical emul- sion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes :With Chlorpyriphos/Lindane E.C. 20% with 1% concentration (dilute chemical of 20% concentration. 19 parts of water shall be added to one part of chemical for achieving 1% concentration.)	Sq.m								
	Ground floor area	1.00	45.83	29.42		1,348.32				
	offset from buliding	1.00	76.00	2.00		152.00				
					<b>Total</b>	<b>1500.32</b>			<b>Sq.ft.</b>	
					<b>Total</b>	<b>139.38</b>			<b>Sq.m</b>	
<b>5.0</b>	<b>R.C.C. Work</b>									
5.1	Providing and laying in position R.C.C .M20 grade (approved quality of cement and sand and crushed stone aggregate) Reinforced cement concrete work in Footing, shear walls (any thickness), beams, suspended floors, slab, balconies, lintels, bands, staircases any level, including mixing, laying using mixture & Vibrator, curing etc all complete as per drawing, specification and instructions of engineer.	Cu.m								
1.0	<b>Footing</b>		bot. area	top are						
	Footing F1	4.00	6.00	6.00	1.33	191.52				
	Footing F2	2.00	6.58	6.58	1.67	144.61				
	Footing F3	4.00	8.25	8.25	2.67	726.91				
	Footing F4	2.00	6.00	6.00	1.67	120.24				
	F-5 (Lower Flat Portion)	2.00	6.00	6.00	0.50	36.00				
	F-5 Upper Frustum portion vol= $\frac{h}{3}(A1 + A2 + \sqrt{A1 * A2})$	2.00	36.00	5.29	0.80	29.38				
					SubTotal 1	1248.66			Cu.ft.	
					SubTotal 1	35.36			Cu.m	
2.0	<b>column</b>	Assume Size		<b>1.33</b>	<b>1.33</b>					
	Column upto Plinth Level									
	C1	14.00	1.33	1.33	8.50	210.50				
	Column upto First Floor Level									
	C1	14.00	1.33	1.33	10.50	260.03				
	Column upto SecondFloor Level									
	C1	14.00	1.33	1.33	10.50	260.03				
	Column upto third Floor Level									
	C1	14.00	1.33	1.33	10.50	260.03				
	Column upto Top Floor Level									
	C1	4.00	1.33	1.33	10.50	74.30				
					SubTotal 2	1064.89			Cu.ft.	

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
						SubTotal 2	30.15	Cu.m		
3.0	<b>Beam</b>									
	Lower Tie Beam									
	Along Grid A-A	1.00	12.08	1.33	1.33	21.37				
	Along Grid B-B	1.00	12.08	1.33	1.33	21.37				
	Along Grid C-C	1.00	14.00	1.33	1.33	24.77				
	Along Grid 1-1	1.00	5.75	1.33	1.33	10.18				
	Along Grid 2-2	1.00	4.67	1.33	1.33	8.27				
	Along Grid 3-3	1.00	4.33	1.33	1.33	7.66				
	Along Grid 4-4	1.00	5.50	1.33	1.33	9.73				
	Strap Beam									
	Along Grid A-A	1.00	1.17	1.33	2.00	3.12				
	Along Grid B-B	1.00	1.08	1.33	2.67	3.84				
	Along Grid C-C	1.00	1.75	1.33	2.00	4.66				
	Along Grid 1-1	1.00	8.33	1.33	2.00	22.16				
	Along Grid 2-2	1.00	5.00	1.33	2.67	17.76				
	Along Grid 3-3	1.00	5.00	1.33	2.67	17.76				
	Along Grid 4-4	1.00	7.50	1.33	2.00	19.95				
	Along Grid 5-5	1.00	8.33	1.33	2.00	22.16				
						SubTotal 3	214.76	Cu.ft.		
						SubTotal 3	6.08	Cu.m		
	<b>Plinth Beam</b>	Assume Size		<b>1.00</b>	<b>1.50</b>					
	Along Grid A-A	1.00	45.83	1.00	1.50	68.75				
	Along Grid B-B	1.00	45.83	1.00	1.50	68.75				
	Along Grid C-C	1.00	45.83	1.00	1.50	68.75				
	Along Grid 1-1	1.00	29.50	1.00	1.50	44.25				
	Along Grid 2-2	1.00	29.50	1.00	1.50	44.25				
	Along Grid 3-3	1.00	29.50	1.00	1.50	44.25				
	Along Grid 4-4	1.00	29.50	1.00	1.50	44.25				
	Along Grid 5-5	1.00	29.50	1.00	1.50	44.25				
						SubTotal 4	427.50	Cu.ft.		
						SubTotal 4	12.11	Cu.m		
4.0	<b>Main beam</b>	Assume Size		<b>1.00</b>	<b>1.50</b>					
	First floor									
	Along Grid A-A	1.00	45.83	1.00	1.50	68.75				
	Along Grid B-B	1.00	45.83	1.00	1.50	68.75				
	Along Grid C-C	1.00	37.75	1.00	1.50	56.63				
	Along Grid 1-1	1.00	29.50	1.00	1.50	44.25				
	Along Grid 2-2	1.00	29.50	1.00	1.50	44.25				
	Along Grid 3-3	1.00	29.50	1.00	1.50	44.25				
	Along Grid 4-4	1.00	29.50	1.00	1.50	44.25				
	Along Grid 5-5	1.00	17.75	1.00	1.50	26.63				
	column deduction	-14.00	1.17	1.00	1.50	-24.57				
						SubTotal 5	373.19	Cu.ft.		
						SubTotal 5	10.57	Cu.m		
	Second floor									
	Along Grid A-A	1.00	45.83	1.00	1.50	68.75				
	Along Grid B-B	1.00	45.83	1.00	1.50	68.75				
	Along Grid C-C	1.00	37.75	1.00	1.50	56.63				
	Along Grid 1-1	1.00	29.50	1.00	1.50	44.25				
	Along Grid 2-2	1.00	29.50	1.00	1.50	44.25				
	Along Grid 3-3	1.00	29.50	1.00	1.50	44.25				
	Along Grid 4-4	1.00	29.50	1.00	1.50	44.25				
	Along Grid 5-5	1.00	17.75	1.00	1.50	26.63				
	column deduction	-14.00	1.17	1.00	1.50	-24.57				
						SubTotal 6	373.19	Cu.ft.		
						SubTotal 6	10.57	Cu.m		
	Third floor									
	Along Grid A-A	1.00	45.83	1.00	1.50	68.75				
	Along Grid B-B	1.00	45.83	1.00	1.50	68.75				
	Along Grid C-C	1.00	37.75	1.00	1.50	56.63				
	Along Grid 1-1	1.00	29.50	1.00	1.50	44.25				

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
	Along Grid 2-2	1.00	29.50	1.00	1.50	44.25				
	Along Grid 3-3	1.00	29.50	1.00	1.50	44.25				
	Along Grid 4-4	1.00	29.50	1.00	1.50	44.25				
	Along Grid 5-5	1.00	17.75	1.00	1.50	26.63				
	column deduction	-14.00	1.17	1.00	1.50	-24.57				
						SubTotal 7	373.19			Cu.ft.
						SubTotal 7	10.57			Cu.m
	Top floor									
	Along Grid A-A	1.00	13.50	1.00	1.50	20.25				
	Along Grid B-B	1.00	13.50	1.00	1.50	20.25				
	Along Grid 2-2	1.00	17.75	1.00	1.50	26.63				
	Along Grid 3-3	1.00	17.75	1.00	1.50	26.63				
	column deduction	-4.00	1.17	1.00	1.50	-7.02				
						SubTotal 8	86.74			Cu.ft.
						SubTotal 8	2.46			Cu.m
5.0	<b>Lintel bends</b>									
	Ground floor									
	Grid A-A	2.00	45.83	0.75	0.25	17.19				Ext. W
	Grid B-B	2.00	26.00	0.30	0.25	3.90				Int. W
		2.00	2.25	0.75	0.25	0.85				brick tile
	Grid C-C	2.00	28.42	0.75	0.25	10.66				brick tile
	Grid 1-1	2.00	24.83	0.75	0.25	9.32				Ext. W
	Grid 2-2	2.00	8.30	0.75	0.25	3.12				Int. W
		2.00	4.30	0.75	0.25	1.62				brick tile
		2.00	14.92	0.30	0.25	2.24				Int. W
	Grid 4-4	2.00	16.58	0.75	0.25	6.22				Ext. W/brick tile
	Grid 5-5	2.00	11.08	0.75	0.25	4.16				brick tile
	Between Grid A1 B1 & A2 B2				0.25					
	Horizontal	2.00	8.30	0.30	0.25	1.25				Int. W
	vertical	2.00	5.00	0.30	0.25	0.75				Int. W
	Between Grid B1 C1 & B2 C2				0.25					
	Horizontal				0.25					
	Vertical	2.00	11.58	0.75	0.25	4.35				brick tile
	Between Grid A2 B2 & A3 B3				0.25					
	Horizontal	2.00	8.58	0.30	0.25	1.29				Int. W
		2.00	6.08	0.30	0.25	0.92				Int. W
		2.00	2.25	0.75	0.25	0.85				Ext. W
	Vertical	2.00	10.67	0.30	0.25	1.61				Int. W
		2.00	6.08	0.75	0.25	2.28				Ext. W
	Between Grid B2 C2 & B3 C3				0.25					
	Horizontal	2.00	11.00	0.30	0.25	1.65				Int. W
	Vertical	2.00	5.00	0.30	0.25	0.75				Int. W
	Between Grid B3 C3 & B4 C4				0.25					
	Horizontal	2.00	11.30	0.30	0.25	1.70				Int. W
	Between Grid B4 C4 & B5 C5				0.25					
	Horizontal	2.00	12.50	0.75	0.25	4.69				brick tile
	First floor									
	Grid A-A	2.00	45.83	0.75	0.25	17.19				Ext. W
	Grid B-B	2.00	26.00	0.30	0.25	3.90				Int. W
		2.00	2.25	0.75	0.25	0.85				brick tile
	Grid C-C	2.00	28.42	0.75	0.25	10.66				brick tile
	Grid 1-1	2.00	24.83	0.75	0.25	9.32				Ext. W
	Grid 2-2	2.00	8.30	0.75	0.25	3.12				Int. W
		2.00	4.30	0.75	0.25	1.62				brick tile
		2.00	14.92	0.30	0.25	2.24				Int. W
	Grid 3-3	2.00	10.83	0.75	0.25	4.07				Int. W
		2.00	12.00	0.30	0.25	1.80				Int. W
	Grid 4-4	2.00	16.58	0.75	0.25	6.22				Ext. W/brick tile
	Grid 5-5	2.00	10.83	0.75	0.25	4.07				brick tile
	Between Grid A1 B1 & A2 B2				0.25					
	Horizontal	2.00	8.30	0.30	0.25	1.25				Int. W

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Bulding**

1 0.08	2 0.17	3 0.25	4 0.3	5 0.42	6 0.50	7 0.58	8 0.67	9 0.75	10 0.83	11 0.92	
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark				
	Vertical	2.00	5.00	0.30	0.25	0.75	Int. W				
	Between Grid B1 C1 & B2 C2										
	Horizontal										
	Vertical	2.00	11.58	0.75	0.25	4.35	brick tile				
	Between Grid A2 B2 & A3 B3										
	Horizontal	2.00	6.08	0.30	0.25	0.92	Int. W				
		2.00	2.25	0.75	0.25	0.85	Ext. W				
	Vertical	2.00	4.50	0.30	0.25	0.68	Int. W				
		2.00	5.25	0.75	0.25	1.97	Ext. W				
	Between Grid B2 C2 & B3 C3										
	Horizontal	2.00	11.00	0.30	0.25	1.65	Int. W				
	Vertical	2.00	5.33	0.30	0.25	0.80	Int. W				
	Between Grid B4 C4 & B5 C5										
	Horizontal	2.00	12.50	0.75	0.25	4.69	brick tile				
	Second floor										
	Grid A-A	2.00	45.83	0.75	0.25	17.19	Ext. W				
	Grid C-C	2.00	11.67	0.75	0.25	4.38	brick tile				
	Grid C'-C'	2.00	8.67	0.75	0.25	3.26	brick tile				
	Grid 1-1	2.00	24.83	0.75	0.25	9.32	Ext. W				
	Grid 2-2	2.00	8.30	0.75	0.25	3.12	Int. W				
		2.00	4.30	0.75	0.25	1.62	brick tile				
		2.00	14.92	0.30	0.25	2.24	Int. W				
	Grid 3-3	2.00	10.83	0.75	0.25	4.07	Int. W				
	Grid 5-5	2.00	20.00	0.75	0.25	7.50	brick tile				
	Between Grid A1 B1 & A2 B2										
	Horizontal	2.00	8.30	0.30	0.25	1.25	Int. W				
	Vertical	2.00	5.00	0.30	0.25	0.75	Int. W				
	Between Grid B1 C1 & B2 C2										
	Horizontal										
	Vertical	2.00	11.58	0.75	0.25	4.35	brick tile				
	Between Grid A2 B2 & A3 B3										
	Horizontal	2.00	6.08	0.30	0.25	0.92	Int. W				
		2.00	2.25	0.75	0.25	0.85	Ext. W				
	Vertical	2.00	4.50	0.30	0.25	0.68	Int. W				
		2.00	5.25	0.75	0.25	1.97	Ext. W				
	Between Grid B2 C2 & B3 C3										
	Horizontal	2.00	4.50	0.30	0.25	0.68	Int. W				
		2.00	4.50	0.75	0.25	1.69	brick tile				
	Vertical	2.00	10.67	0.30	0.25	1.61	Int. W				
	Between Grid A3 B3 & A4 B4										
	Horizontal	2.00	24.33	0.30	0.25	3.65	Int. W				
	Vertical	2.00	8.92	0.30	0.25	1.34	Int. W				
	Between Grid B3 C3 & B4 C4										
	Horizontal	2.00	7.25	0.30	0.25	1.09	brick tile				
	Vertical	2.00	8.42	0.75	0.25	3.16	brick tile				
		2.00	7.58	0.30	0.25	1.14	Int. W				
		2.00	5.25	0.30	0.25	0.79	Int. W				
	Between Grid A4 B4 & A5 B5										
	Horizontal	2.00	6.67	0.30	0.25	1.01	Int. W				
	Vertical	2.00	11.75	0.30	0.25	1.77	Int. W				
	Between Grid B4 C4 & B5 C5										
	Horizontal	2.00	12.25	0.75	0.25	4.60	brick tile				
	Vertical	2.00	6.50	0.75	0.25	2.44	brick tile				
	Third/Top floor										
	Mummy	2.00	62.60	0.75	0.25	23.48	Ext. W				
	laundry room	2.00	9.83	0.30	0.25	1.48	Ext. W				
						SubTotal 9	277.74	Cu.ft.			
						SubTotal 9	7.86	Cu.m			
6.0	<b>Floor Slab</b>										
			Area								
	First floor	1.00	1332.00		0.42	559.44					
	stairs opening	-1.00	93.00		0.42	-39.06					

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
	Second floor	1.00	1360.00		0.42	571.20				
	stairs opening	-1.00	84.00		0.42	-35.28				
	third floor	1.00	1377.00		0.42	578.34				
	stairs opening	-1.00	84.00		0.42	-35.28				
	mummtly roof	1.00	373.00		0.42	156.66				
	external room	1.00	195.80		0.42	82.24				
						SubTotal 10	1838.26		Cu.ft.	
						SubTotal 10	52.05		Cu.m	
7.0	<b>Staircase slab</b>									
	GF to FF									
	Landing	1.00	8.00	3.75	0.42	12.60				
	Flighht 1	1.00	9.00	3.75	0.42	14.18				
	Flighht 1	1.00	9.00	3.75	0.42	14.18				
	Steps	16.0	3.75	0.29		17.40				
	FF to SF									
	Landing	1.00	8.00	3.75	0.42	12.60				
	Flighht 1	1.00	9.00	3.75	0.42	14.18				
	Flighht 1	1.00	9.00	3.75	0.42	14.18				
	Steps	16.0	3.75	0.29		17.40				
	SF to TF									
	Landing	1.00	8.00	3.75	0.42	12.60				
	Flighht 1	1.00	9.00	3.75	0.42	14.18				
	Flighht 1	1.00	9.00	3.75	0.42	14.18				
	Steps	16.0	3.75	0.29		17.40				
						SubTotal 11	175.08		Cu.ft.	
						SubTotal 11	4.96		Cu.m	
						<b>Total</b>	<b>6453.20</b>		<b>Cu.ft.</b>	
						<b>Total</b>	<b>182.73</b>		<b>Cu.m</b>	
5.2	TMT Reinforcement bar of Fe-500 grade including straightening, cleaning, cutting, binding & fixing in position with annealed tying binding wire including cover blocks etc in foundation and superstructures as per drawings, specifications, instructions of engineer all complete.	Kg								
	2% of RCC Work	1	28689.29			28689.29				
	0.8% of Steel for ground flooring Slab	1	949.93			949.94				
						<b>Total</b>	<b>29639.23</b>		<b>kg</b>	
6.0	<b>Formwork</b>									
6.1	Formwork for columns & Wall, shuttering, centering with 19mm thick waterproof ply for column in all heights, true to the line and level, necessary propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support if fully unyielding net as per drawing, specification and instructions of engineer all complete:	Sq.m								
	<b>Column</b>									
	Column upto Plinth Level									
	C1	14.00	5.32		8.60	640.53				
	Column upto First Floor Level									
	C1	14.00	5.32		10.50	782.04				
	Column upto SecondFloor Level									
	C1	14.00	5.32		10.50	782.04				
	Column upto third Floor Level									
	C1	14.00	5.32		10.50	782.04				
	Column upto Top Floor Level									
	C1	4.00	5.32		10.50	223.44				
						<b>Total</b>	<b>3210.09</b>		<b>Sq.ft.</b>	
						<b>Total</b>	<b>298.23</b>		<b>Sq.m</b>	

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Building**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
6.2	Formwork for Beam, shuttering, centering with 19mm thick waterproof ply board in all heights, true to the line and level, and steel post for all works necessary propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support if fully unyielding net s per drawing, specification and instructions of engineer all complete:	Sq.m								
3.0	<b>Sub structure Beam</b>									
	Lower Tie Beam									
	Along Grid A-A	1.00	12.08		1.33	32.14				
	Along Grid B-B	1.00	12.08		1.33	32.14				
	Along Grid C-C	1.00	14.00		1.33	37.24				
	Along Grid 1-1	1.00	5.75		1.33	15.30				
	Along Grid 2-2	1.00	4.67		1.33	12.43				
	Along Grid 3-3	1.00	4.33		1.33	11.52				
	Along Grid 4-4	1.00	5.50		1.33	14.63				
	Strap Beam									
	Along Grid A-A	1.00	1.17		2.00	4.68				
	Along Grid B-B	1.00	1.08		2.67	5.77				
	Along Grid C-C	1.00	1.75		2.00	7.00				
	Along Grid 1-1	1.00	8.33		2.00	33.32				
	Along Grid 2-2	1.00	5.00		2.67	26.70				
	Along Grid 3-3	1.00	5.00		2.67	26.70				
	Along Grid 4-4	1.00	7.50		2.00	30.00				
	Along Grid 5-5	1.00	8.33		2.00	33.32				
						SubTotal 1	322.89			
						SubTotal 1	30.00			
	Plinth Beam				1.50					
	Along Grid A-A	1.00	45.83			137.49				
	Along Grid B-B	1.00	45.83			137.49				
	Along Grid C-C	1.00	45.83			137.49				
	Along Grid 1-1	1.00	29.50			88.50				
	Along Grid 2-2	1.00	29.50			88.50				
	Along Grid 3-3	1.00	29.50			88.50				
	Along Grid 4-4	1.00	29.50			88.50				
	Along Grid 5-5	1.00	29.50			88.50				
						SubTotal 2	854.97			
						SubTotal 2	79.43			
4.0	<b>Main beam</b>			1.00	1.50					
	First floor									
	Along Grid A-A	1.00	45.83			183.32				
	Along Grid B-B	1.00	45.83			183.32				
	Along Grid C-C	1.00	37.75			151.00				
	Along Grid 1-1	1.00	29.50			118.00				
	Along Grid 2-2	1.00	29.50			118.00				
	Along Grid 3-3	1.00	29.50			118.00				
	Along Grid 4-4	1.00	29.50			118.00				
	Along Grid 5-5	1.00	17.75			71.00				
						SubTotal 3	1060.64			
						SubTotal 3	98.54			
	Second floor									
	Along Grid A-A	1.00	45.83			183.32				
	Along Grid B-B	1.00	45.83			183.32				
	Along Grid C-C	1.00	37.75			151.00				
	Along Grid 1-1	1.00	29.50			118.00				
	Along Grid 2-2	1.00	29.50			118.00				
	Along Grid 3-3	1.00	29.50			118.00				
	Along Grid 4-4	1.00	29.50			118.00				
	Along Grid 5-5	1.00	17.75			71.00				
						SubTotal 4	1060.64			
						SubTotal 4	98.54			
	Third floor									

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11	
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92	
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark				
	Along Grid A-A	1.00	45.83			183.32					
	Along Grid B-B	1.00	45.83			183.32					
	Along Grid C-C	1.00	37.75			151.00					
	Along Grid 1-1	1.00	29.50			118.00					
	Along Grid 2-2	1.00	29.50			118.00					
	Along Grid 3-3	1.00	29.50			118.00					
	Along Grid 4-4	1.00	29.50			118.00					
	Along Grid 5-5	1.00	17.75			71.00					
						SubTotal 5	1060.64	Sq.ft.			
						SubTotal 5	98.54	Sq.m			
	Top floor										
	Along Grid A-A	1.00	13.50			54.00					
	Along Grid B-B	1.00	13.50			54.00					
	Along Grid 2-2	1.00	17.75			71.00					
	Along Grid 3-3	1.00	17.75			71.00					
						SubTotal 6	250.00	Sq.ft.			
						SubTotal 6	23.23	Sq.m			
5.0	<b>Lintel bends</b>										
	<b>Ground floor</b>										
	Grid A-A	2.00	45.83		0.50	45.83	Ext. W				
	Grid B-B	2.00	26.00		0.50	26.00	Int. W				
		2.00	2.25		0.50	2.25	brick tile				
	Grid C-C	2.00	28.42		0.50	28.42	brick tile				
	Grid 1-1	2.00	24.83		0.50	24.83	Ext. W				
	Grid 2-2	2.00	8.30		0.50	8.30	Int. W				
		2.00	4.30		0.50	4.30	brick tile				
		2.00	14.92		0.50	14.92	Int. W				
	Grid 4-4	2.00	16.58		0.50	16.58	Ext. W/brick tile				
	Grid 5-5	2.00	11.08		0.50	11.08	brick tile				
	Between Grid A1 B1 & A2 B2										
	Horizontal	2.00	8.30		0.50	8.30	Int. W				
	vertical	2.00	5.00		0.50	5.00	Int. W				
	Between Grid B1 C1 & B2 C2										
	Horizontal										
	Vertical	2.00	11.58		0.50	11.58	brick tile				
	Between Grid A2 B2 & A3 B3										
	Horizontal	2.00	8.58		0.50	8.58	Int. W				
		2.00	6.08		0.50	6.08	Int. W				
		2.00	2.25		0.50	2.25	Ext. W				
	Vertical	2.00	10.67		0.50	10.67	Int. W				
		2.00	6.08		0.50	6.08	Ext. W				
	Between Grid B2 C2 & B3 C3										
	Horizontal	2.00	11.00		0.50	11.00	Int. W				
	Vertical	2.00	5.00		0.50	5.00	Int. W				
	Between Grid B3 C3 & B4 C4										
	Horizontal	2.00	11.30		0.50	11.30	Int. W				
	Between Grid B4 C4 & B5 C5										
	Horizontal	2.00	12.50		0.50	12.50	brick tile				
	<b>First floor</b>										
	Grid A-A	2.00	45.83		0.50	45.83	Ext. W				
	Grid B-B	2.00	26.00		0.50	26.00	Int. W				
		2.00	2.25		0.50	2.25	brick tile				
	Grid C-C	2.00	28.42		0.50	28.42	brick tile				
	Grid 1-1	2.00	24.83		0.50	24.83	Ext. W				
	Grid 2-2	2.00	8.30		0.50	8.30	Int. W				
		2.00	4.30		0.50	4.30	brick tile				
		2.00	14.92		0.50	14.92	Int. W				
	Grid 3-3	2.00	10.83		0.50	10.83	Int. W				
		2.00	12.00		0.50	12.00	Int. W				
	Grid 4-4	2.00	16.58		0.50	16.58	Ext. W/brick tile				
	Grid 5-5	2.00	10.83		0.50	10.83	brick tile				

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Building**

1 0.08	2 0.17	3 0.25	4 0.3	5 0.42	6 0.50	7 0.58	8 0.67	9 0.75	10 0.83	11 0.92	
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark				
	Between Grid A1 B1 & A2 B2										
	Horizontal	2.00	8.30		0.50	8.30	Int. W				
	Vertical	2.00	5.00		0.50	5.00	Int. W				
	Between Grid B1 C1 & B2 C2										
	Horizontal										
	Vertical	2.00	11.58		0.50	11.58	brick tile				
	Between Grid A2 B2 & A3 B3										
	Horizontal	2.00	6.08		0.50	6.08	Int. W				
		2.00	2.25		0.50	2.25	Ext. W				
	Vertical	2.00	4.50		0.50	4.50	Int. W				
		2.00	5.25		0.50	5.25	Ext. W				
	Between Grid B2 C2 & B3 C3										
	Horizontal	2.00	11.00		0.50	11.00	Int. W				
	Vertical	2.00	5.33		0.50	5.33	Int. W				
	Between Grid B4 C4 & B5 C5										
	Horizontal	2.00	12.50		0.50	12.50	brick tile				
	<b>Second floor</b>										
	Grid A-A	2.00	45.83		0.50	45.83	Ext. W				
	Grid C-C	2.00	11.67		0.50	11.67	brick tile				
	Grid C'-C'	2.00	8.67		0.50	8.67	brick tile				
	Grid 1-1	2.00	24.83		0.50	24.83	Ext. W				
	Grid 2-2	2.00	8.30		0.50	8.30	Int. W				
		2.00	4.30		0.50	4.30	brick tile				
		2.00	14.92		0.50	14.92	Int. W				
	Grid 3-3	2.00	10.83		0.50	10.83	Int. W				
	Grid 5-5	2.00	20.00		0.50	20.00	brick tile				
	Between Grid A1 B1 & A2 B2										
	Horizontal	2.00	8.30		0.50	8.30	Int. W				
	Vertical	2.00	5.00		0.50	5.00	Int. W				
	Between Grid B1 C1 & B2 C2										
	Horizontal										
	Vertical	2.00	11.58		0.50	11.58	brick tile				
	Between Grid A2 B2 & A3 B3										
	Horizontal	2.00	6.08		0.50	6.08	Int. W				
		2.00	2.25		0.50	2.25	Ext. W				
	Vertical	2.00	4.50		0.50	4.50	Int. W				
		2.00	5.25		0.50	5.25	Ext. W				
	Between Grid B2 C2 & B3 C3										
	Horizontal	2.00	4.50		0.50	4.50	Int. W				
		2.00	4.50		0.50	4.50	brick tile				
	Vertical	2.00	10.67		0.50	10.67	Int. W				
	Between Grid A3 B3 & A4 B4										
	Horizontal	2.00	24.33		0.50	24.33	Int. W				
	Vertical	2.00	8.92		0.50	8.92	Int. W				
	Between Grid B3 C3 & B4 C4										
	Horizontal	2.00	7.25		0.50	7.25	brick tile				
	Vertical	2.00	8.42		0.50	8.42	brick tile				
		2.00	7.58		0.50	7.58	Int. W				
		2.00	5.25		0.50	5.25	Int. W				
	Between Grid A4 B4 & A5 B5										
	Horizontal	2.00	6.67		0.50	6.67	Int. W				
	Vertical	2.00	11.75		0.50	11.75	Int. W				
	Between Grid B4 C4 & B5 C5										
	Horizontal	2.00	12.25		0.50	12.25	brick tile				
	Vertical	2.00	6.50		0.50	6.50	brick tile				
	<b>Third/Top floor</b>										
	Mummy	2.00	62.60		0.50	62.60	Ext. W				
	laundry room	2.00	9.83		0.50	9.83	Ext. W				
						SubTotal 7	941.06	Sq.ft.			
						SubTotal 7	87.43	Sq.m			
						<b>Total</b>	<b>5550.84</b>	<b>Sq.ft.</b>			
						<b>Total</b>	<b>515.69</b>	<b>Sq.m</b>			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
6.3	Formwork for Slab & foundation, shuttering, centering with 19mm thick waterproof ply board in all heights, true to the line and level, and steel post for all works necessary propping, scaffolding, staging, supporting inclusive of wedging and cutting holes for utilization till the support is fully unyielding net s per drawing, specification and instructions of engineer all complete	Sq.m								
	<b>Footing sides</b>									
	Footing F1	4.00	6.00	6.00	1.33	127.68				
	Footing F2	2.00	6.58	6.58	1.67	87.91				
	Footing F3	4.00	8.25	8.25	2.67	352.44				
	Footing F4	2.00	6.00	6.00	1.67	80.16				
	F-5 (Lower Flat Portion)	2.00	6.00	6.00	0.50	24.00				
						Sub Total 1	544.51			Sq.ft.
						Sub Total 1	50.59			Sq.m
	<b>Slab</b>									
	First floor	1.00	1332.00			1,332.00				
	stairs opening	-1.00	93.00			-93.00				
	Edge	1.00	158.00		0.42	66.36				
	Second floor	1.00	1360.00			1,360.00				
	stairs opening	-1.00	84.00			-84.00				
	Edge	1.00	158.00		0.42	66.36				
	third floor	1.00	1377.00			1,377.00				
	stairs opening	-1.00	84.00			-84.00				
	Edge	1.00	158.00		0.42	66.36				
	mummtly roof	1.00	373.00			373.00				
	Edge	1.00	78.00		0.42	32.76				
	Extrnal room	1.00	194.37			194.37				
	<b>Staircase</b>									
	GF to FF									
	Landing	1.00	8.00	3.75		30.00				
	Fligih 1	1.00	9.00	3.75		33.75				
	Fligih 1	1.00	9.00	3.75		33.75				
	edges	1.0	18.00		0.42	7.56				
	FF to SF									
	Landing	1.00	8.00	3.75		30.00				
	Fligih 1	1.00	9.00	3.75		33.75				
	Fligih 1	1.00	9.00	3.75		33.75				
	Steps	1.0	18.00		0.42	7.56				
	SF to TF									
	Landing	1.00	8.00	3.75		30.00				
	Fligih 1	1.00	9.00	3.75		33.75				
	Fligih 1	1.00	9.00	3.75		33.75				
	Steps	1.0	18.00		0.42	7.56				
						Sub Total 2	4922.39			Sq.ft.
						Sub Total 2	457.30			Sq.m
						<b>Total</b>	<b>5466.90</b>			<b>Sq.ft.</b>
						<b>Total</b>	<b>507.89</b>			<b>Sq.m</b>
7.0	<b>Masonry Work</b>	<b>0.0</b>								
7.1	Brick work up to Plinth Level, with common burnt clay (non modular) bricks of class designation 12.5 in cement mortar 1:4 (1 cement : 4 coarse sand), in perfect line level finish including soaking the bricks, racking the joints, scaffolding and curing the work for at least 7 days as per drawing, specification and instructions of engineer all complete.	Cu.m								
	<b>Between lower tie beam And plinth beam</b>									
	Along Grid A-A	1.00	45.83	0.75	6.33	217.58				
	Along Grid B-B	1.00	45.83	0.75	6.33	217.58				
	Along Grid C-C	1.00	45.83	0.75	6.33	217.58				
	Along Grid 1-1	1.00	29.50	0.75	6.33	140.06				
	Along Grid 2-2	1.00	29.50	0.75	6.33	140.06				
	Along Grid 3-3	1.00	29.50	0.75	6.33	140.06				

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Building**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work				No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark
	Along Grid 4-4				1.00	29.50	0.75	6.33	140.06	
	Along Grid 5-5				1.00	29.50	0.75	6.33	140.06	
	<b>Partition wall footing</b>									
	Between Grid A1 B1 & A2 B2									
	Horizontal				1.00	8.30	0.75	7.00	43.58	Int. W
	Vertical				1.00	5.00	0.75	7.00	26.25	Int. W
	Between Grid B1 C1 & B2 C2									
	Vertical				1.00	11.58	0.75	7.00	60.80	brick tile
	Between Grid A2 B2 & A3 B3									
	Horizontal				1.00	8.58	0.75	7.00	45.05	Int. W
					1.00	6.08	0.75	7.00	31.92	Int. W
					1.00	2.25	0.75	7.00	11.82	Ext. W
	Vertical				1.00	10.67	0.75	7.00	56.02	Int. W
					1.00	6.08	0.75	7.00	31.92	Ext. W
	Between Grid B2 C2 & B3 C3									
	Horizontal				1.00	11.00	0.75	7.00	57.75	Int. W
	Vertical				1.00	5.00	0.75	7.00	26.25	Int. W
	Between Grid B3 C3 & B4 C4									
	Horizontal				1.00	11.30	0.75	7.00	59.33	Int. W
	Between Grid B4 C4 & B5 C5									
	Horizontal				1.00	12.50	0.75	7.00	65.63	brick tile
	<b>Boundary wall</b>									
	wall				1.00	130.00	0.75	10.00	975.00	
	main door				-1.00	12.00	0.75	10.00	-90.00	
	<b>Extrenal room</b>									
	Brick work up to plinth L/W				1.00	17.67	0.75	6.33	4.75	
	S/W				2.00	11.00	0.75	6.33	104.45	
								<b>Total</b>	<b>2863.56</b>	<b>Cu.ft.</b>
								<b>Total</b>	<b>81.09</b>	<b>Cu.m</b>
7.2	Brick work above plinth Level, with common burnt clay (non modular) bricks of class designation 12.5 in cement mortar 1:4 (1 cement : 4 coarse sand), in perfect line level finish including soaking the bricks, racking the joints, scaffolding and curing the work for at least 7 days as per drawing, specification and instructions of engineer all complete.				Cu.m					
	<b>Ground floor</b>									
	Grid A-A				1.00	45.83	0.75	10.50	360.92	Ext. W
	Grid B-B				1.00	26.00	0.30	10.50	81.90	Int. W
					1.00	2.25	0.75	10.50	17.72	brick tile
	D1				-2.00	3	0.30	7	-12.60	Int. W
	D2				-1.00	2.5	0.30	7	-5.25	Int. W
	Grid C-C				1.00	28.42	0.75	10.50	223.81	brick tile
	W1				-2.00	6	0.75	4.5	-40.50	brick tile
	W4				-1.00	2	0.75	4.5	-6.75	brick tile
	Grid 1-1				1.00	24.83	0.75	10.50	195.54	Ext. W
	Grid 2-2				1.00	8.30	0.75	10.50	65.37	Int. W
					1.00	4.30	0.75	10.50	33.87	brick tile
					1.00	14.92	0.30	10.50	47.00	Int. W
	D1				-1.00	3	0.75	7	-15.75	Int. W
	W4				-1.00	2	0.75	4.5	-6.75	Ext. W
	Grid 3-3									
	Grid 4-4				1.00	16.58	0.75	10.50	130.57	Ext. W/brick tile
	MD				-1.00	4.00	0.75	7.00	-21.00	Ext. W
	Grid 5-5				1.00	11.08	0.75	10.50	87.26	brick tile
	Between Grid A1 B1 & A2 B2									
	Horizontal				1.00	8.30	0.30	10.50	26.15	Int. W
	Vertical				1.00	5.00	0.30	10.50	15.75	Int. W
	D2				-1.00	2.5	0.30	7	-5.25	Int. W
	Between Grid B1 C1 & B2 C2									
	Horizontal									
	Vertical				1.00	11.58	0.75	10.50	91.20	brick tile
	W1				-1.00	6	0.75	4.5	-20.25	brick tile

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Bulding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
	Between Grid A2 B2 & A3 B3									
	Horizontal	1.00	8.58	0.30	10.50	27.03	Int. W			
		1.00	6.08	0.30	10.50	19.16	Int. W			
		1.00	2.25	0.75	10.50	17.72	Ext. W			
	W4	-1.00	2	0.75	4.5	-6.75	Ext. W			
	Vertical	1.00	10.67	0.30	10.50	33.62	Int. W			
		1.00	6.08	0.75	10.50	47.88	Ext. W			
	W4	-1.00	2	0.75	4.5	-6.75	Ext. W			
	D2	-2.00	2.5	0.30	7	-10.50	Int. W			
	Between Grid B2 C2 & B3 C3									
	Horizontal	1.00	11.00	0.30	10.50	34.65	Int. W			
	Vertical	1.00	5.00	0.30	10.50	15.75	Int. W			
	Between Grid A3 B3 & A4 B4									
	Horizontal									
	Vertical									
	Between Grid B3 C3 & B4 C4									
	Horizontal	1.00	11.30	0.30	10.50	35.60	Int. W			
	Vertical									
	D2	-1.00	2.5	0.30	7	-5.25	Int. W			
	Between Grid A4 B4 & A5 B5									
	Horizontal									
	Vertical									
	Between Grid B4 C4 & B5 C5									
	Horizontal	1.00	12.50	0.75	10.50	98.44	brick tile			
	Vertical									
	W1	-1.00	6	0.75	4.5	-20.25	brick tile			
	Deduction of brick tile in item 8.3						-574.12			
	<b>Extrenal room</b>									
	Brick work up to parapet wall L/W	1.00	17.67	0.75	12.50	9.38				
	S/W	2.00	11.00	0.75	12.50	206.25				
		D1	-1.00	3	0.75	7.00	-15.75			
		W2	-1.00	4	0.75	4.50	-13.50			
						SubTotal 1	1135.57	Cu.ft.		
						SubTotal 1	32.16	Cu.m		
	<b>First floor Toilet</b>									
	Grid A-A	1.00	45.83	0.75	10.50	360.92	Ext. W			
	Grid B-B	1.00	26.00	0.30	10.50	81.90	Int. W			
		1.00	2.25	0.75	10.50	17.72	brick tile			
	D1	-2.00	3	0.30	7	-12.60	Int. W			
	Grid C-C	1.00	28.42	0.75	10.50	223.81	brick tile			
	W1	-1.00	6	0.75	4.5	-20.25	brick tile /replace Doc			
	W3	-1.00	3	0.75	4.5	-10.13	brick tile			
	W4	-1.00	2	0.75	4.5	-6.75	brick tile			
	Grid 1-1	1.00	24.83	0.75	10.50	195.54	Ext. W			
	Grid 2-2	1.00	8.30	0.75	10.50	65.37	Int. W			
		1.00	4.30	0.75	10.50	33.87	brick tile			
		1.00	14.92	0.30	10.50	47.00	Int. W			
	D1	-1.00	3	0.75	7	-15.75	Int. W			
	W4	-1.00	2	0.75	4.5	-6.75	Ext. W			
	Grid 3-3	1.00	10.83	0.75	10.50	85.29	Int. W			
		1.00	12.00	0.30	10.50	37.80	Int. W			
	D2	-1.00	2.5	0.30	7	-5.25	Int. W			
	Grid 4-4	1.00	16.58	0.75	10.50	130.57	Ext. W/brick tile			
	MD	-1.00	4.00	0.75	7.00	-21.00	Ext. W			
	Grid 5-5	1.00	10.83	0.75	10.50	85.29	brick tile			
	Between Grid A1 B1 & A2 B2									
	Horizontal	1.00	8.30	0.30	10.50	26.15	Int. W			
	Vertical	1.00	5.00	0.30	10.50	15.75	Int. W			
	D2	-1.00	2.5	0.30	7	-5.25	Int. W			
	Between Grid B1 C1 & B2 C2									
	Horizontal									
	Vertical	1.00	11.58	0.75	10.50	91.20	brick tile			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Bulding**

1	2	3	4	5	6	7	8	9	10	11	
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92	
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark				
	W1	-1.00	6	0.75	4.5	-20.25	brick tile/replace door				
	Between Grid A2 B2 & A3 B3										
	Horizontal	1.00	6.08	0.30	10.50	19.16	Int. W				
		1.00	2.25	0.75	10.50	17.72	Ext. W				
	W4	-1.00	2	0.75	4.5	-6.75	Ext. W				
	Vertical	1.00	4.50	0.30	10.50	14.18	Int. W				
		1.00	5.25	0.75	10.50	41.35	Ext. W				
	W4	-1.00	2	0.75	4.5	-6.75	Ext. W				
	D2	-1.00	2.5	0.30	7	-5.25	Int. W				
	toilet wall	1.00	14.40	0.30	5.30	22.90	Int. W				
	D2	-1.00	2.5	0.30	5.3	-3.98	Int. W				
	Between Grid B2 C2 & B3 C3										
	Horizontal	1.00	11.00	0.30	10.50	34.65	Int. W				
	Vertical	1.00	5.33	0.30	10.50	16.79	Int. W				
	Between Grid A3 B3 & A4 B4										
	Horizontal										
	Vertical										
	Between Grid B3 C3 & B4 C4										
	Horizontal										
	Vertical										
	D2										
	Between Grid A4 B4 & A5 B5										
	Horizontal										
	Vertical										
	Between Grid B4 C4 & B5 C5										
	Horizontal	1.00	12.50	0.75	10.50	98.44	brick tile				
	Vertical										
	W1	-1.00	6	0.75	4.5	-20.25	brick tile				
	Deduction of brick tile in item 8.3						-582.27				
							SubTotal 2	1014.14		Cu.ft.	
							SubTotal 2	28.72		Cu.m	
	<b>Second floor</b>										
	Grid A-A	1.00	45.83	0.75	10.50	360.92	Ext. W				
	Grid B-B										
	Grid C-C	1.00	11.67	0.75	10.50	91.91	brick tile				
	W1	-1.00	6	0.75	4.5	-20.25	brick tile				
	Grid C'-C'	1.00	8.67	0.75	10.50	68.28	brick tile				
	W2	-1.00	4	0.75	4.5	-13.50	brick tile				
	Grid 1-1	1.00	24.83	0.75	10.50	195.54	Ext. W				
	Grid 2-2	1.00	8.30	0.75	10.50	65.37	Int. W				
		1.00	4.30	0.75	10.50	33.87	brick tile				
		1.00	14.92	0.30	10.50	47.00	Int. W				
	D1	-1.00	3	0.75	7	-15.75	Int. W				
	W4	-1.00	2	0.75	4.5	-6.75	Ext. W				
	Grid 3-3	1.00	10.83	0.75	10.50	85.29	Int. W				
	Grid 4-4										
	Grid 5-5	1.00	20.00	0.75	10.50	157.50	brick tile				
	W1	-1.00	6	0.75	4.5	-20.25	brick tile				
	W3	-1.00	3	0.75	4.5	-10.13	brick tile				
	Between Grid A1 B1 & A2 B2										
	Horizontal	1.00	8.30	0.30	10.50	26.15	Int. W				
	Vertical	1.00	5.00	0.30	10.50	15.75	Int. W				
	D2	-1.00	2.5	0.30	7	-5.25	Int. W				
	Between Grid B1 C1 & B2 C2										
	Horizontal										
	Vertical	1.00	11.58	0.75	10.50	91.20	brick tile				
	W1	-1.00	6	0.75	4.5	-20.25	brick tile/replace door				
	Between Grid A2 B2 & A3 B3										
	Horizontal	1.00	6.08	0.30	10.50	19.16	Int. W				
		1.00	2.25	0.75	10.50	17.72	Ext. W				
	W4	-1.00	2	0.75	4.5	-6.75	Ext. W				
	Vertical	1.00	4.50	0.30	10.50	14.18	Int. W				

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
	W4	1.00	5.25	0.75	10.50	41.35	Ext. W			
	D2	-1.00	2	0.75	4.5	-6.75	Ext. W			
	toilet wall	1.00	14.40	0.30	5.30	22.90	Int. W			
	D2	-1.00	2.5	0.30	5.3	-3.98	Int. W			
	Between Grid B2 C2 & B3 C3									
	Horizontal	1.00	4.50	0.30	10.50	14.18	Int. W			
		1.00	4.50	0.75	10.50	35.44	brick tile			
	Vertical	1.00	10.67	0.30	10.50	33.62	Int. W			
	D1	-1.00	3	0.30	7	-6.30	Int. W			
	Between Grid A3 B3 & A4 B4									
	Horizontal	1.00	24.33	0.30	10.50	76.64	Int. W			
	Vertical	1.00	8.92	0.30	10.50	28.10	Int. W			
	D1	-1.00	3	0.30	7	-6.30	Int. W			
	D2	-2.00	2.5	0.30	7	-10.50	Int. W			
	Between Grid B3 C3 & B4 C4									
	Horizontal	1.00	7.25	0.30	10.50	22.84	brick tile			
	D2	-1.00	2.50	0.30	10.50	-7.88	brick tile			
	Vertical	1.00	8.42	0.75	10.50	66.31	brick tile			
		1.00	7.58	0.30	10.50	23.88	Int. W			
		1.00	5.25	0.30	10.50	16.54	Int. W			
	SD	-1.00	4.00	0.75	10.50	-31.50	brick tile			
	Between Grid A4 B4 & A5 B5									
	Horizontal	1.00	6.67	0.30	10.50	21.02	Int. W			
	Vertical	1.00	11.75	0.30	10.50	37.02	Int. W			
	D2	-2.00	2.50	0.30	10.50	-15.75	Int. W			
	Between Grid B4 C4 & B5 C5									
	Horizontal	1.00	12.25	0.75	10.50	96.47	brick tile			
	Vertical	1.00	6.50	0.75	10.50	51.19	brick tile			
	W1	-1.00	6	0.75	4.5	-20.25	brick tile			
	W2	-1.00	4	0.75	4.5	-13.50	brick tile			
	Deduction of brick tile in item 8.3					-579.95				
								SubTotal 3	1050.55	Cu.ft.
								SubTotal 3	29.75	Cu.m
	<b>Third/Top floor</b>									
	Mumnty	1.00	65.60	0.75	10.50	516.60	Ext. W			
	laundry room	1.00	9.83	0.30	10.50	30.97	Ext. W			
	D1	-1.00	3	0.75	7	-15.75	Ext. W			
	W2	-1.00	4	0.75	4.5	-13.50	Ext. W			
	W4	-1.00	3	0.75	4.5	-10.13	Ext. W			
	D2	-1.00	2.5	0.30	10.5	-7.88	Ext. W			
	Parapet wall	1.00	159.00	0.30	1.00	47.70	Ext. W			
	Parapet wall Mumnty Top	1.00	77.00	0.30	3.00	69.30	Ext. W			
								SubTotal 4	617.31	Cu.ft.
								SubTotal 4	17.48	Cu.m
								<b>Total</b>	<b>3817.57</b>	<b>Cu.ft.</b>
								<b>Total</b>	<b>108.10</b>	<b>Cu.m</b>
7.3	Nepali brick masonry above plinth Level, with common burnt clay selected bricks tile of class designation 10 exposed brick work, including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand in superstructure above plinth level up to floor V leve in perfect line level finish including soaking the bricks, racking the joints, scaffolding and curing the work for at least 7 days as per drawing, specification and instructions of engineer all complete.	Cu.m								
	<b>Ground floor Toilet</b>									
	Grid B-B	1.00	2.25	0.75	10.50	17.72	brick tile			
	Grid C-C	1.00	28.42	0.75	10.50	223.81	brick tile			
	W1	-2.00	6	0.75	4.5	-40.50	brick tile			
	W4	-1.00	2	0.75	4.5	-6.75	brick tile			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

		1	2	3	4	5	6	7	8	9	10	11
		0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark					
	Grid 2-2	1.00	4.30	0.75	10.50	33.87	brick tile					
	Grid 4-4	1.00	16.58	0.75	10.50	130.57	Ext. W/brick tile					
	MD	-1.00	4.00	0.75	7.00	-21.00	Ext. W					
	Grid 5-5	1.00	11.08	0.75	10.50	87.26	brick tile					
	Between Grid B1 C1 & B2 C2											
	Horizontal											
	Vertical	1.00	11.58	0.75	10.50	91.20	brick tile					
	W1	-1.00	6	0.75	4.5	-20.25	brick tile					
	Between Grid B4 C4 & B5 C5											
	Horizontal	1.00	12.50	0.75	10.50	98.44	brick tile					
	Vertical											
	W1	-1.00	6	0.75	4.5	-20.25	brick tile					
							SubTotal 1		574.12	Cu.ft.		
							SubTotal 1		16.26	Cu.m		
	<b>First floor Toilet</b>											
	Grid B-B	1.00	2.25	0.75	10.50	17.72	brick tile					
	Grid C-C	1.00	28.42	0.75	10.50	223.81	brick tile					
	W1	-1.00	6	0.75	4.5	-20.25	brick tile/replace Doc					
	W3	-1.00	3	0.75	4.5	-10.13	brick tile					
	W4	-1.00	2	0.75	4.5	-6.75	brick tile					
	Grid 2-2	1.00	4.30	0.75	10.50	33.87	brick tile					
	Grid 4-4	1.00	16.58	0.75	10.50	130.57	Ext. W/brick tile					
	MD	-1.00	4.00	0.75	7.00	-21.00	Ext. W					
	Grid 5-5	1.00	10.83	0.75	10.50	85.29	brick tile					
	Between Grid B1 C1 & B2 C2											
	Horizontal											
	Vertical	1.00	11.58	0.75	10.50	91.20	brick tile					
	W1	-1.00	6	0.75	4.5	-20.25	brick tile/replace door					
	Between Grid B4 C4 & B5 C5											
	Horizontal	1.00	12.50	0.75	10.50	98.44	brick tile					
	Vertical											
	W1	-1.00	6	0.75	4.5	-20.25	brick tile					
							SubTotal 2		582.27	Cu.ft.		
							SubTotal 2		16.49	Cu.m		
	<b>Second floor</b>											
	Grid C-C	1.00	11.67	0.75	10.50	91.91	brick tile					
	W1	-1.00	6	0.75	4.5	-20.25	brick tile					
	Grid C'-C'	1.00	8.67	0.75	10.50	68.28	brick tile					
	W2	-1.00	4	0.75	4.5	-13.50	brick tile					
	Grid 2-2	1.00	4.30	0.75	10.50	33.87	brick tile					
	Grid 5-5	1.00	20.00	0.75	10.50	157.50	brick tile					
	W1	-1.00	6	0.75	4.5	-20.25	brick tile					
	W3	-1.00	3	0.75	4.5	-10.13	brick tile					
	Between Grid B1 C1 & B2 C2											
	Horizontal											
	Vertical	1.00	11.58	0.75	10.50	91.20	brick tile					
	W1	-1.00	6	0.75	4.5	-20.25	brick tile/replace door					
	Between Grid B2 C2 & B3 C3											
	Horizontal	1.00	4.50	0.75	10.50	35.44	brick tile					
	Between Grid B3 C3 & B4 C4											
	Horizontal	1.00	7.25	0.75	10.50	57.10	brick tile					
	D2	-1.00	2.50	0.75	10.50	-19.69	brick tile					
	Vertical	1.00	8.42	0.75	10.50	66.31	brick tile					
	SD	-1.00	4.00	0.75	10.50	-31.50	brick tile					
	Between Grid B4 C4 & B5 C5											
	Horizontal	1.00	12.25	0.75	10.50	96.47	brick tile					
	Vertical	1.00	6.50	0.75	10.50	51.19	brick tile					
	W1	-1.00	6	0.75	4.5	-20.25	brick tile					
	W2	-1.00	4	0.75	4.5	-13.50	brick tile					
							SubTotal 3		579.95	Cu.ft.		
							SubTotal 3		16.42	Cu.m		
							<b>Total</b>		<b>1736.34</b>	<b>Cu.ft.</b>		

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Building**

1 0.08	2 0.17	3 0.25	4 0.3	5 0.42	6 0.50	7 0.58	8 0.67	9 0.75	10 0.83	11 0.92	
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark				
								<b>Total</b>	<b>49.17</b>	<b>Cu.m</b>	
<b>8.0</b>	<b>Plaster &amp; Pointing and Bands Work</b>										
8.1	12.5 mm thick cement Plastering on internal wall, 1:4 (1cement : 4 sand) mortar any level size and shape of wall, column, band, blocks, etc. including racking the joint, Chipping the concrete surface, watering, cleaning of base, plastering to plumb, line, level, smooth etc. and curing, all complete as per drawings, specifications and instructions.	Sq.m									
	<b>Ground floor Toilet</b>										
	Grid A-A	1.00	45.83		10.50	481.22	Ext. W				
	Grid B-B	2.00	26.00		10.50	546.00	Int. W				
		1.00	2.25		10.50	23.63	brick tile				
	D1	2.00	3		7	42.00	Int. W				
	D2	1.00	2.5		7	17.50	Int. W				
	Grid C-C	1.00	28.42		10.50	298.41	brick tile				
	W1	2.00	6		4.5	54.00	brick tile				
	W4	1.00	2		4.5	9.00	brick tile				
	Grid 1-1	1.00	24.83		10.50	260.72	Ext. W				
	Grid 2-2	2.00	8.30		10.50	174.30	Int. W				
		1.00	4.30		10.50	45.15	brick tile				
		2.00	14.92		10.50	313.32	Int. W				
	D1	1.00	3		7	21.00	Int. W				
	W4	1.00	2		4.5	9.00	Ext. W				
	Grid 3-3										
	Grid 4-4	1.00	16.58		10.50	174.09	Ext. W/brick tile				
	MD	1.00	4.00		7.00	28.00	Ext. W				
	Grid 5-5	1.00	11.08		10.50	116.34	brick tile				
	Between Grid A1 B1 & A2 B2										
	Horizontal	2.00	8.30		10.50	174.30	Int. W				
	Vertical	2.00	5.00		10.50	105.00	Int. W				
	D2	1.00	2.5		7	17.50	Int. W				
	Between Grid B1 C1 & B2 C2										
	Horizontal										
	Vertical	1.00	11.58		10.50	121.59	brick tile				
	W1	1.00	6		4.5	27.00	brick tile				
	Between Grid A2 B2 & A3 B3										
	Horizontal	2.00	8.58		10.50	180.18	Int. W				
		2.00	6.08		10.50	127.68	Int. W				
		1.00	2.25		10.50	23.63	Ext. W				
	W4	1.00	2		4.5	9.00	Ext. W				
	Vertical	2.00	10.67		10.50	224.07	Int. W				
		1.00	6.08		10.50	63.84	Ext. W				
	W4	1.00	2		4.5	9.00	Ext. W				
	D2	1.00	2.5		7	17.50	Int. W				
	Between Grid B2 C2 & B3 C3										
	Horizontal	2.00	11.00		10.50	231.00	Int. W				
	Vertical	2.00	5.00		10.50	105.00	Int. W				
	Between Grid A3 B3 & A4 B4										
	Horizontal										
	Vertical										
	Between Grid B3 C3 & B4 C4										
	Horizontal	2.00	11.30		10.50	237.30	Int. W				
	Vertical										
	D2	1.00	2.5		7	17.50	Int. W				
	Between Grid A4 B4 & A5 B5										
	Horizontal										
	Vertical										
	Between Grid B4 C4 & B5 C5										
	Horizontal	1.00	12.50		10.50	131.25	brick tile				
	Vertical										
	W1	1.00	6		4.5	27.00	brick tile				
								SubTotal 1	4463.02	Sq.ft.	

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Building**

		1	2	3	4	5	6	7	8	9	10	11
		0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark					
						SubTotal 1	414.63	Sq.m				
	<b>First floor Toilet</b>											
	Grid A-A	1.00	45.83		10.50	481.22	Ext. W					
	Grid B-B	2.00	26.00		10.50	546.00	Int. W					
		1.00	2.25		10.50	23.63	brick tile					
	D1	1.00	3		7	21.00	Int. W					
	Grid C-C	1.00	28.42		10.50	298.41	brick tile					
	W1	1.00	6		4.5	27.00	brick tile /replace Doc					
	W3	1.00	3		4.5	13.50	brick tile					
	W4	1.00	2		4.5	9.00	brick tile					
	Grid 1-1	1.00	24.83		10.50	260.72	Ext. W					
	Grid 2-2	2.00	8.30		10.50	174.30	Int. W					
		1.00	4.30		10.50	45.15	brick tile					
		2.00	14.92		10.50	313.32	Int. W					
	D1	1.00	3		7	21.00	Int. W					
	W4	1.00	2		4.5	9.00	Ext. W					
	Grid 3-3	2.00	10.83		10.50	227.43	Int. W					
		2.00	12.00		10.50	252.00	Int. W					
	D2	1.00	2.5		7	17.50	Int. W					
	Grid 4-4	1.00	16.58		10.50	174.09	Ext. W/brick tile					
	MD	1.00	4.00		7.00	28.00	Ext. W					
	Grid 5-5	1.00	10.83		10.50	113.72	brick tile					
	Between Grid A1 B1 & A2 B2											
	Horizontal	2.00	8.30		10.50	174.30	Int. W					
	Vertical	2.00	5.00		10.50	105.00	Int. W					
	D2	1.00	2.5		7	17.50	Int. W					
	Between Grid B1 C1 & B2 C2											
	Horizontal											
	Vertical	1.00	11.58		10.50	121.59	brick tile					
	W1	1.00	6		4.5	27.00	brick tile/replace door					
	Between Grid A2 B2 & A3 B3											
	Horizontal	2.00	6.08		10.50	127.68	Int. W					
		1.00	2.25		10.50	23.63	Ext. W					
	W4	1.00	2		4.5	9.00	Ext. W					
	Vertical	2.00	4.50		10.50	94.50	Int. W					
		1.00	5.25		10.50	55.13	Ext. W					
	W4	1.00	2		4.5	9.00	Ext. W					
	D2	1.00	2.5		7	17.50	Int. W					
	toilet wall	2.00	14.40		5.30	152.64	Int. W					
	D2	1.00	2.5		5.3	13.25	Int. W					
	Between Grid B2 C2 & B3 C3											
	Horizontal	2.00	11.00		10.50	231.00	Int. W					
	Vertical	2.00	5.33		10.50	111.93	Int. W					
	Between Grid B4 C4 & B5 C5											
	Horizontal	1.00	12.50		10.50	131.25	brick tile					
	Vertical											
	W1	1.00	6		4.5	27.00	brick tile					
						SubTotal 2	4504.89	Sq.ft.				
						SubTotal 2	418.52	Sq.m				
	<b>Second floor</b>											
	Grid A-A	1.00	45.83		10.50	481.22	Ext. W					
	Grid B-B											
	Grid C-C	1.00	11.67		10.50	122.54	brick tile					
	W1	1.00	6		4.5	27.00	brick tile					
	Grid C'-C'	1.00	8.67		10.50	91.04	brick tile					
	W2	1.00	4		4.5	18.00	brick tile					
	Grid 1-1	1.00	24.83		10.50	260.72	Ext. W					
	Grid 2-2	2.00	8.30		10.50	174.30	Int. W					
		1.00	4.30		10.50	45.15	brick tile					
		2.00	14.92		10.50	313.32	Int. W					
	D1	1.00	3		7	21.00	Int. W					
	W4	1.00	2		4.5	9.00	Ext. W					

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Building**

1 0.08	2 0.17	3 0.25	4 0.3	5 0.42	6 0.50	7 0.58	8 0.67	9 0.75	10 0.83	11 0.92	
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark				
	Grid 3-3	2.00	10.83		10.50	227.43	Int. W				
	Grid 4-4										
	Grid 5-5	1.00	20.00		10.50	210.00	brick tile				
	W1	1.00	6		4.5	27.00	brick tile				
	W3	1.00	3		4.5	13.50	brick tile				
	Between Grid A1 B1 & A2 B2										
	Horizontal	2.00	8.30		10.50	174.30	Int. W				
	Vertical	2.00	5.00		10.50	105.00	Int. W				
	D2	1.00	2.5		7	17.50	Int. W				
	Between Grid B1 C1 & B2 C2										
	Horizontal										
	Vertical	1.00	11.58		10.50	121.59	brick tile				
	W1	1.00	6		4.5	27.00	brick tile/replace door				
	Between Grid A2 B2 & A3 B3										
	Horizontal	2.00	6.08		10.50	127.68	Int. W				
		1.00	2.25		10.50	23.63	Ext. W				
	W4	1.00	2		4.5	9.00	Ext. W				
	Vertical	2.00	4.50		10.50	94.50	Int. W				
		1.00	5.25		10.50	55.13	Ext. W				
	W4	1.00	2		4.5	9.00	Ext. W				
	D2	1.00	2.5		7	17.50	Int. W				
	toilet wall	2.00	14.40		5.30	152.64	Int. W				
	D2	1.00	2.5		5.3	13.25	Int. W				
	Between Grid B2 C2 & B3 C3										
	Horizontal	2.00	4.50		10.50	94.50	Int. W				
		1.00	4.50		10.50	47.25	brick tile				
	Vertical	2.00	10.67		10.50	224.07	Int. W				
	D1	1.00	3		7	21.00	Int. W				
	Between Grid A3 B3 & A4 B4										
	Horizontal	2.00	24.33		10.50	510.93	Int. W				
	Vertical	2.00	8.92		10.50	187.32	Int. W				
	D1	1.00	3		7	21.00	Int. W				
	D2	2.00	2.5		7	35.00	Int. W				
	Between Grid B3 C3 & B4 C4										
	Horizontal	1.00	7.25		10.50	76.13	brick tile				
	D2	1.00	2.50		10.50	26.25	brick tile				
	Vertical	1.00	8.42		10.50	88.41	brick tile				
		2.00	7.58		10.50	159.18	Int. W				
		2.00	5.25		10.50	110.25	Int. W				
	SD	1.00	4.00		10.50	42.00	brick tile				
	Between Grid A4 B4 & A5 B5										
	Horizontal	2.00	6.67		10.50	140.07	Int. W				
	Vertical	2.00	11.75		10.50	246.75	Int. W				
	D2	2.00	2.50		10.50	52.50	Int. W				
	Between Grid B4 C4 & B5 C5										
	Horizontal	1.00	12.25		10.50	128.63	brick tile				
	Vertical	1.00	6.50		10.50	68.25	brick tile				
	W1	1.00	6		4.5	27.00	brick tile				
	W2	1.00	4		4.5	18.00	brick tile				
						SubTotal 3	4573.63	Sq.ft.			
						SubTotal 3	424.90	Sq.m			
	<b>Third/Top floor</b>										
	Mummy	1.00	65.60		10.50	688.80	Ext. W				
	laundry room	1.00	9.83		10.50	103.22	Ext. W				
	D1	1.00	3		7	21.00	Ext. W				
	W2	1.00	4		4.5	18.00	Ext. W				
	W4	1.00	3		4.5	13.50	Ext. W				
	D2	1.00	2.5		10.5	26.25	Ext. W				
						SubTotal 4	870.77	Sq.ft.			
						SubTotal 4	80.90	Sq.m			
						<b>Total</b>	<b>14412.31</b>	<b>Sq.ft.</b>			
						<b>Total</b>	<b>1338.95</b>	<b>Sq.m</b>			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
8.2	20 mm thick cement Plastering on External wall, 1:4 (1cement : 4 sand) mortar any level size and shape of wall, column, band, blocks, etc. including racking the joint, Chiping the concrete surface, watering, cleaning of base, plastering to plumb, line, level, smooth etc. and curing, all complete as per drawings, specifications and instructions of the Engineer.	Sq.m								
	<b>Ground floor Toilet</b>									
	Grid A-A	1.00	45.83		10.50	481.22	Ext. W			
	Grid 1-1	1.00	24.83		10.50	260.72	Ext. W			
	Between Grid A2 B2 & A3 B3									
	Horizontal	1.00	2.25		10.50	23.63	Ext. W			
	W4	-1.00	2		4.5	-9.00	Ext. W			
	Vertical	1.00	6.08		10.50	63.84	Ext. W			
	W4	-1.00	2		4.5	-9.00	Ext. W			
						SubTotal 1	811.41	Sq.ft.		
						SubTotal 1	75.38	Sq.m		
	<b>First floor Toilet</b>									
	Grid A-A	1.00	45.83		10.50	481.22	Ext. W			
	Grid 1-1	1.00	24.83		10.50	260.72	Ext. W			
	Between Grid A2 B2 & A3 B3									
	Horizontal	1.00	2.25		10.50	23.63	Ext. W			
	W4	-1.00	2		4.5	-9.00	Ext. W			
	Vertical	1.00	5.25		10.50	55.13	Ext. W			
	W4	-1.00	2		4.5	-9.00	Ext. W			
						SubTotal 2	802.70	Sq.ft.		
						SubTotal 2	74.57	Sq.m		
	<b>Second floor</b>									
	Grid A-A	1.00	45.83		10.50	481.22	Ext. W			
	Grid 1-1	1.00	24.83		10.50	260.72	Ext. W			
	Between Grid A2 B2 & A3 B3									
	Horizontal	1.00	2.25		10.50	23.63	Ext. W			
	W4	-1.00	2		4.5	-9.00	Ext. W			
	Vertical	1.00	5.25		10.50	55.13	Ext. W			
	W4	-1.00	2		4.5	-9.00	Ext. W			
						SubTotal 3	802.70	Sq.ft.		
						SubTotal 3	74.57	Sq.m		
	<b>Third/Top floor</b>									
	Mummtly	1.00	65.60		10.50	688.80	Ext. W			
	laundry room	1.00	9.83		10.50	103.22	Ext. W			
	D1	-1.00	3		7	-21.00	Ext. W			
	W2	-1.00	4		4.5	-18.00	Ext. W			
	W4	-1.00	3		4.5	-13.50	Ext. W			
	D2	-1.00	2.5		10.5	-26.25	Ext. W			
	Parapet wall	2.00	159.00		1.00	318.00	Ext. W			
	Parapet wall Mummtly Top	2.00	77.00		3.00	462.00	Ext. W			
	<b>Bounday wall</b>									
	wall	2.00	130.00		9.00	2,340.00				
	main door	1.00	12.00		8.00	96.00				
	<b>Buliding wall NGL to plinth</b>	1.00	150.00		1.50	225.00	Ext. W			
	<b>Extrenal room</b>									
	Brick work up to parapet wall L/W	2.00	17.67	0.75	12.50	18.75				
	S/W	4.00	11.00	0.75	12.50	412.50				
		D1	-1.00	3	7.00	-15.75				
		W2	-1.00	4	0.75	-13.50				
						SubTotal 4	4556.27	Sq.ft.		
						SubTotal 4	423.29	Sq.m		
						<b>Total</b>	<b>6973.08</b>	<b>Sq.ft.</b>		
						<b>Total</b>	<b>647.82</b>	<b>Sq.m</b>		

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
8.3	12.5 mm thick cement Plastering on ceiling , 1:3 (1cement : 3 sand) mortar any level size and shape of ceiling. including racking the joint, Chiping the concrete surface, watering, cleaning of base, plastering to plumb, line, level, smooth etc. and curing, all complete as per drawings, specifications and instructions.	Sq.m								
			Area							
	First floor	1.00	1322.00			1,322.00				
	Second floor	1.00	1360.00			1,360.00				
	third flor	1.00	1377.00			1,377.00				
	mumnty roof	1.00	373.00			373.00				
						<b>Total</b>	<b>4432.00</b>	<b>Sq.ft.</b>		
						<b>Total</b>	<b>411.75</b>	<b>Sq.m</b>		
8.4	Providing and fixing horizontal & vertical Chicken mesh at Joint all levels galvanized chicken mesh, 300mm wide, 24 SWG and provide at junctions of column/beam & walls & conduit pipes wherever required Mesh to be properly stretched and nailed ensuring equal thickness of plaster on both sides of the mesh. all complete as per drawings, specifications and instructions.	Sq.m								
	Ground floor									
	wall & column junction	14.0	21.00	2.00		588.00				
	Wall & beam junction									
	Along Grid A-A	2.00	45.83	1.00		91.66				
	Along Grid B-B	2.00	45.83	1.00		91.66				
	Along Grid C-C	2.00	37.75	1.00		75.50				
	Along Grid 1-1	2.00	29.50	1.00		59.00				
	Along Grid 2-2	2.00	29.50	1.00		59.00				
	Along Grid 3-3	2.00	29.50	1.00		59.00				
	Along Grid 4-4	2.00	29.50	1.00		59.00				
	Along Grid 5-5	2.00	17.75	1.00		35.50				
						SubTotal 1	1118.32	Sq.ft.		
						SubTotal 1	103.90	Sq.m		
	First floor									
	wall & column junction	14.0	21.00	2.00		588.00				
	Wall & beam junction									
	Along Grid A-A	2.00	45.83	1.00		91.66				
	Along Grid B-B	2.00	45.83	1.00		91.66				
	Along Grid C-C	2.00	37.75	1.00		75.50				
	Along Grid 1-1	2.00	29.50	1.00		59.00				
	Along Grid 2-2	2.00	29.50	1.00		59.00				
	Along Grid 3-3	2.00	29.50	1.00		59.00				
	Along Grid 4-4	2.00	29.50	1.00		59.00				
	Along Grid 5-5	2.00	17.75	1.00		35.50				
						SubTotal 2	1118.32	Sq.ft.		
						SubTotal 2	103.90	Sq.m		
	Second foor									
	wall & column junction	14.0	21.00	2.00		588.00				
	Wall & beam junction									
	Along Grid A-A	2.00	45.83	1.00		91.66				
	Along Grid B-B	2.00	45.83	1.00		91.66				
	Along Grid C-C	2.00	37.75	1.00		75.50				
	Along Grid 1-1	2.00	29.50	1.00		59.00				
	Along Grid 2-2	2.00	29.50	1.00		59.00				
	Along Grid 3-3	2.00	29.50	1.00		59.00				
	Along Grid 4-4	2.00	29.50	1.00		59.00				
	Along Grid 5-5	2.00	17.75	1.00		35.50				
						SubTotal 3	1118.32	Sq.ft.		
						SubTotal 3	103.90	Sq.m		
	third flor									
	wall & column junction	4.0	21.00	2.00		168.00				
	Wall & beam junction	4.0	18.00	1.00		72.00				

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
		4.0	13.00	1.00					52.00	
								SubTotal 4	292.00	Sq.ft.
								SubTotal 4	27.13	Sq.m
								<b>Total</b>	<b>3382.09</b>	<b>Sq.ft.</b>
								<b>Total</b>	<b>314.21</b>	<b>Sq.m</b>
8.5	Pointing Work on Exposed Brick Surface Providing and applying at all levels Pointing (Flush / Ruled/ Struck or weathered or Raised and cut pointing ) on Exposed brick work with Lime Surkh (1lime : 1surkhi ) Mortar at Exposed face side of brick masonry joint .all complete as per drawings, specification and instruction of the of the Engineer.	Sq.m								
	<b>Ground floor Toilet</b>									
	Grid B-B	1.00	2.25		10.50	23.63	brick tile			
	Grid C-C	1.00	28.42		10.50	298.41	brick tile			
	W1	-2.00	6		4.5	-54.00	brick tile			
	W4	-1.00	2		4.5	-9.00	brick tile			
	Grid 2-2	1.00	4.30		10.50	45.15	brick tile			
	Grid 4-4	1.00	16.58		10.50	174.09	Ext. W/brick tile			
	MD	-1.00	4.00		7.00	-28.00	Ext. W			
	Grid 5-5	1.00	11.08		10.50	116.34	brick tile			
	Between Grid B1 C1 & B2 C2									
	Horizontal									
	Vertical	1.00	11.58		10.50	121.59	brick tile			
	W1	-1.00	6		4.5	-27.00	brick tile			
	Between Grid B4 C4 & B5 C5									
	Horizontal	1.00	12.50		10.50	131.25	brick tile			
	Vertical									
	W1	-1.00	6		4.5	-27.00	brick tile			
								SubTotal 1	765.46	Sq.ft.
								SubTotal 1	71.11	Sq.m
	<b>First floor Toilet</b>									
	Grid B-B	1.00	2.25		10.50	23.63	brick tile			
	Grid C-C	1.00	28.42		10.50	298.41	brick tile			
	W1	-1.00	6		4.5	-27.00	brick tile /replace Doc			
	W3	-1.00	3		4.5	-13.50	brick tile			
	W4	-1.00	2		4.5	-9.00	brick tile			
	Grid 2-2	1.00	4.30		10.50	45.15	brick tile			
	Grid 4-4	1.00	16.58		10.50	174.09	Ext. W/brick tile			
	MD	-1.00	4.00		7.00	-28.00	Ext. W			
	Grid 5-5	1.00	10.83		10.50	113.72	brick tile			
	Between Grid B1 C1 & B2 C2									
	Horizontal									
	Vertical	1.00	11.58		10.50	121.59	brick tile			
	W1	-1.00	6		4.5	-27.00	brick tile/replace door			
	Between Grid B4 C4 & B5 C5									
	Horizontal	1.00	12.50		10.50	131.25	brick tile			
	Vertical									
	W1	-1.00	6		4.5	-27.00	brick tile			
								SubTotal 2	776.34	Sq.ft.
								SubTotal 2	72.12	Sq.m
	<b>Second floor</b>									
	Grid C-C	1.00	11.67		10.50	122.54	brick tile			
	W1	-1.00	6		4.5	-27.00	brick tile			
	Grid C'-C'	1.00	8.67		10.50	91.04	brick tile			
	W2	-1.00	4		4.5	-18.00	brick tile			
	Grid 2-2	1.00	4.30		10.50	45.15	brick tile			
	Grid 5-5	1.00	20.00		10.50	210.00	brick tile			
	W1	-1.00	6		4.5	-27.00	brick tile			
	W3	-1.00	3		4.5	-13.50	brick tile			
	Between Grid B1 C1 & B2 C2									
	Horizontal									

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1 0.08	2 0.17	3 0.25	4 0.3	5 0.42	6 0.50	7 0.58	8 0.67	9 0.75	10 0.83	11 0.92	
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark				
	Vertical	1.00	11.58		10.50	121.59	brick tile				
	W1	-1.00	6		4.5	-27.00	brick tile/replace door				
	Between Grid B2 C2 & B3 C3										
	Horizontal	1.00	4.50		10.50	47.25	brick tile				
	Between Grid B3 C3 & B4 C4										
	Horizontal	1.00	7.25		10.50	76.13	brick tile				
	D2	-1.00	2.50		10.50	-26.25	brick tile				
	Vertical	1.00	8.42		10.50	88.41	brick tile				
	SD	-1.00	4.00		10.50	-42.00	brick tile				
	Between Grid B4 C4 & B5 C5										
	Horizontal	1.00	12.25		10.50	128.63	brick tile				
	Vertical	1.00	6.50		10.50	68.25	brick tile				
	W1	-1.00	6		4.5	-27.00	brick tile				
	W2	-1.00	4		4.5	-18.00	brick tile				
						SubTotal 3	773.24	Sq.ft.			
						SubTotal 3	71.84	Sq.m			
						<b>Total</b>	<b>2315.04</b>	<b>Sq.ft.</b>			
						<b>Total</b>	<b>215.07</b>	<b>Sq.m</b>			
8.6	Providing and applying Cement Plaster Moulded & band at all levels for balcony sill , window sunshade, facias, similar locations of required size in required design and patterns 18 mm thick moulded cement mortar band in two coats under layer 12 mm thick with cement mortar 1:5 (1 cement : 5 coarse sand) top layer 6 mm thick with cement mortar 1:4 (1 cement : 4 fine sand).Proper templates conforming to the sectional periphery of the moulded band as at the stages of the undercoat and the finished final coat shall be made and got approved and used at the proper stages in executing the bands to true and accurate profile. The lines of the bands as finally completed shall be truly parallel and straight and the surfaces smoothly finished..all complete as per drawings, specification and instructions of engineer .	Rm									
	<b>A. Mould</b>										
	<b>Ground floor</b>										
	Window sills W1	1.00	15.20			15.20	top and bottom				
	Window sills W3	1.00	7.66			7.66					
						SubTotal 1	22.86	ft.			
	<b>First floor</b>					SubTotal 1	6.97	m			
	Window sills W1	2.00	15.20			30.40	top and bottom				
	Window sills W3	1.00	7.66			7.66					
						SubTotal 2	38.06	ft.			
						SubTotal 2	11.60	m			
	<b>Second floor</b>										
	Window sills W1	6.00	15.20			91.20	top and bottom				
	Window sills W3	2.00	7.66			15.32					
						SubTotal 3	106.52	ft.			
						SubTotal 3	32.47	m			
	<b>Third/Top floor</b>										
	Window sills W1	6.00	15.20			91.20	top and bottom				
						SubTotal 4	91.20	ft.			
						SubTotal 4	27.80	m			
	<b>B. Bend</b>										
	<b>Extrnal wall cornic</b>										
	balocny bottom	3.00	30.00			90.00					
	third floor top	1.00	49.00			49.00					
	Balcony sills										
	corner	3.00	16.00			48.00					
	First floor	1.00	22.00			22.00					
		1.00	13.00			13.00					
	External room balcony bottom bend	1.00	28.80			28.80					
	Second floor	1.00	8.00			8.00					
	horizontal bend	2.00	28.00			56.00					

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1 0.08	2 0.17	3 0.25	4 0.3	5 0.42	6 0.50	7 0.58	8 0.67	9 0.75	10 0.83	11 0.92	
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark				
	vertical bend	2.00	21.50			43.00					
	Opeing	2.00	21.00			42.00					
	column	2.00	21.00			42.00					
						SubTotal 5	441.80	ft.			
						SubTotal 5	134.66	m			
						<b>Total</b>	<b>700.44</b>	<b>ft.</b>			
						<b>Total</b>	<b>213.49</b>	<b>m</b>			
<b>9.0</b>	<b>Painting Work</b>										
9.1	Providing and applying two or more coats Putty 2 mm thickness over plastered surface to prepare the surface even and smooth complete and rubbing down the surface, with one coat of approved primer, rate to include all tools, labour, scaffolding, primer as required, complete as directed by instructions of engineer .	Sq.m									
			Area								
	Quantity same as internal plaster	1.00	14412.31			14,412.31					
	Quantity same as ceiling plaster	1.00	4432.00			4,432.00					
						<b>Total</b>	<b>18844.31</b>	<b>Sq.ft.</b>			
						<b>Total</b>	<b>1750.69</b>	<b>Sq.m</b>			
9.2	Providing and applying in Three or more coats, Emulsion Paint of approved brand and shade to internal surfaces (walls/ partitions/ ceiling), to give an even shade to the approval of the Engineer.	Sq.m									
			Area								
	Quantity same as internal plaster	1.00	14412.31			14,412.31					
	Quantity same as ceiling plaster	1.00	4432.00			4,432.00					
						<b>Total</b>	<b>18844.31</b>	<b>Sq.ft.</b>			
						<b>Total</b>	<b>1750.69</b>	<b>Sq.m</b>			
9.3	Two or more coats of Weather Coat Applied @ 3.28 ltr/10 sqm over primer coat and including priming coat of exterior primer applied @ 2.20kg/10 sqm. including surface preparation all complete as per drawings, specifications and instructions of engineer .	Sq.m									
			Area								
	Quantity same as External plaster	1.00	6973.08			6,973.08					
						<b>Total</b>	<b>6973.08</b>	<b>Sq.ft.</b>			
						<b>Total</b>	<b>647.82</b>	<b>Sq.m</b>			
9.4	Water Repellant Silicon Based Coating on Brick Surface Providing and applying two or more coats with silicon based non film , transparent , antifungal, alkaline stable ,impregnable water repellent Dow SIL -520 or BS-3003 Wacker or equivalent make containing Silane Siloxane Emulsion with water dilution as per manufacturer specification in the ratio 1:6 (1 DOW-520 : 6 Water ) on the exposed pointed brick, cladding surface. including cleaning brick surface using brick cleaning chemical, single or multi-stage scaffolding, etc. ,all complete as per drawings, specification and instruction of the of the Engineer	Sq.m									
			Area								
	Quantity same as pointing work	1.00	2315.04			2,315.04					
						<b>Total</b>	<b>2315.04</b>	<b>Sq.ft.</b>			
						<b>Total</b>	<b>215.07</b>	<b>Sq.m</b>			
9.5	Two coat of Enamel Paint over one coat of primer of approved brand and manufacture of required colour to give an even shade, including surface preparation all complete as per drawings, specifications and instruction of the Engineer.	Sq.m									
	<b>Door Frame</b>				peri						
	MD1	2.00	18.00	0.93		33.48					
	<b>Door shutter</b>										
	MD1	2.00	4.00		7.00	56.00					
						<b>Total</b>	<b>89.48</b>	<b>Sq.ft.</b>			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
								<b>Total</b>	<b>8.31</b>	<b>Sq.m</b>
<b>10.0</b>	<b>Flooring work</b>									
10.1	Providing and laying in required line, level and pattern 50mm thick Screeding comprising an under layer of cement concrete 1:2:4 (1 cement : 2 course sand : 4 graded stone aggregate 12mm and down grade) the depth of the pattern of the cement floor finish shall be maintained keeping on view of the thickness of upcoming floor finish layer and finished top layer with 1/4" -1/2" stone chips with proper finish and in proper slope for draining water all complete on floors for the purpose of laying tiles/marbel/granite/cement puning etc. all complete as per drawing, specification and instruction of the Engineer.	Sq.m								
	<b>Ground floor</b>		area							
	Staris case foyer area	1.00	130.00			130.00				granite
	Living room	1.00	237.00			237.00				puning
	Bed room	1.00	153.00			153.00				puning
	toilet	1.00	24.00			24.00				tile
	Attached toilet	1.00	31.00			31.00				tile
	kitchen	1.00	90.00			90.00				tile
	Dining hall	1.00	86.00			86.00				tile
	Store room	1.00	40.00			40.00				puning
	Utility room	1.00	49.00			49.00				puning
	Toilet	1.00	46.00			46.00				tile
	Closet	1.00	44.00			44.00				puning
	Bedroom	1.00	167.00			167.00				puning
	open space	1.00	50.00			50.00				tile
	Eternal room	1.00	194.37			194.37				puning
								SubTotal 1	1341.37	Sq.ft.
								SubTotal 1	124.62	Sq.m
	<b>First floor</b>									
	Staris case foyer area	1.00	145.00			145.00				granite
	Living room	1.00	209.00			209.00				puning
	Bed room	1.00	158.00			158.00				puning
	Balcony	1.00	52.00			52.00				tile
	toilet	1.00	30.00			30.00				tile
	closet	1.00	31.00			31.00				tile
	study room	1.00	77.00			77.00				puning
	Staris case foyer area	1.00	84.00			84.00				granite
	toilet	1.00	78.00			78.00				tile
	Store room	1.00	40.00			40.00				puning
	Bed room	1.00	167.00			167.00				puning
	Toilet	1.00	48.00			48.00				tile
	Closet	1.00	44.00			44.00				tile
	balcony	1.00	53.00			53.00				tile
								SubTotal 2	1216.00	Sq.ft.
								SubTotal 2	112.97	Sq.m
	<b>Second floor</b>									
	Toilet	1.00	34.00			34.00				tile
	closet	1.00	45.00			45.00				tile
	Guest Bedroom	1.00	148.00			148.00				puning
	store room	1.00	22.00			22.00				puning
	pooja room	1.00	54.00			54.00				tile
	open space / balcony	1.00	59.00			59.00				tile
	family are	1.00	167.00			167.00				puning
	open shaft	1.00	52.00			52.00				puning
	kitchen	1.00	87.00			87.00				tile
	staircase foyer area	1.00	128.00			128.00				granite
	utility	1.00	38.00			38.00				puning
	Bedroom	1.00	168.00			168.00				puning
	Toilet	1.00	45.00			45.00				tile
	Closet	1.00	44.00			44.00				tile
	balcony	1.00	55.00			55.00				tile

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
								SubTotal 3	1146.00	Sq.ft.
								SubTotal 3	106.47	Sq.m
	<b>Third/Top floor</b>									
	staircase foyer area	1.00	77.00			77.00	granite			
	laundry room	1.00	36.00			36.00	puning			
	Terrace area	1.00	1088			1,088.00	tile			
	Mummy Top terrace	1.00	374.00			374.00	tile			
	site area	1.00	2675			2,675.00	tile			
	ground floor bulidup area	-1.00	1259.00			-1,259.00	tile			
								SubTotal 4	2991.00	Sq.ft.
								SubTotal 4	277.87	Sq.m
								<b>Total</b>	<b>6694.37</b>	<b>Sq.ft.</b>
								<b>Total</b>	<b>621.93</b>	<b>Sq.m</b>
10.2	Providing and laying 3 mm Cement Puning in floor of 1:1 (cement : screened sand) over 12.5 mm thick cement screeding of 1:3 (cement : sand) laying in required pattern, line and level including curing all complete as per drawings, specifications and instruction of engineer all complete.	Sq.m								
	<b>Ground floor</b>		area							
	Staris case foyer area	0.00	130.00			0.00	granite			
	Living room	1.00	237.00			237.00	puning			
	Bed room	1.00	153.00			153.00	puning			
	toilet	0.00	24.00			0.00	tile			
	Attached toilet	0.00	31.00			0.00	tile			
	kitchen	0.00	90.00			0.00	tile			
	Dining hall	0.00	86.00			0.00	tile			
	Store room	1.00	40.00			40.00	puning			
	Utility room	1.00	49.00			49.00	puning			
	Toilet	0.00	46.00			0.00	tile			
	Closet	1.00	44.00			44.00	puning			
	Bedroom	1.00	167.00			167.00	puning			
	Eternal room	1.00	194.37			194.37	puning			
								SubTotal 1	884.37	Sq.ft.
								SubTotal 1	82.16	Sq.m
	<b>First floor</b>									
	Staris case foyer area	0.00	145.00			0.00	granite			
	Living room	1.00	209.00			209.00	puning			
	Bed room	1.00	158.00			158.00	puning			
	Balcony	0.00	52.00			0.00	tile			
	toilet	0.00	30.00			0.00	tile			
	closet	1.00	31.00			31.00	puning			
	study room	1.00	77.00			77.00	puning			
	Staris case foyer area	0.00	84.00			0.00	granite			
	toilet	0.00	78.00			0.00	tile			
	Store room	1.00	40.00			40.00	puning			
	Bed room	1.00	167.00			167.00	puning			
	Toilet	0.00	48.00			0.00	tile			
	Closet	1.00	44.00			44.00	puning			
	balcony	0.00	53.00			0.00	tile			
								SubTotal 2	726.00	Sq.ft.
								SubTotal 2	67.45	Sq.m
	<b>Second floor</b>									
	Toilet	0.00	34.00			0.00	tile			
	closet	0.00	45.00			0.00	puning			
	Guest Bedroom	1.00	148.00			148.00	puning			
	store room	1.00	22.00			22.00	puning			
	pooja room	0.00	54.00			0.00	tile			
	open space / balcony	0.00	59.00			0.00	tile			
	family are	1.00	167.00			167.00	puning			
	open shaft	1.00	52.00			52.00	puning			
	kitchen	0.00	87.00			0.00	tile			
	staircase foyer area	0.00	128.00			0.00	granite			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
	utility	1.00	38.00						38.00	puning
	Bedroom	1.00	168.00						168.00	puning
	Toilet	0.00	45.00						0.00	tile
	Closet	1.00	44.00						44.00	puning
	balcony	0.00	55.00						0.00	tile
								SubTotal 3	639.00	Sq.ft.
								SubTotal 3	59.37	Sq.m
	<b>Third/Top floor</b>									
	staircase foyer area	0.00	77.00						0.00	granite
	laundry room	0.00	36.00						0.00	puning
	Terrace area	0.00	1088						0.00	tile
	Mumnty Top terrace	0.00	374.00						0.00	tile
								SubTotal 4	0.00	Sq.ft.
								SubTotal 4	0.00	Sq.m
								<b>Total</b>	<b>2249.37</b>	<b>Sq.ft.</b>
								<b>Total</b>	<b>208.97</b>	<b>Sq.m</b>
10.3	Cement plaster skirting up to 30 cm height, 18mm thick with cement mortar 1:3 (1cement : 3 coarse sand), finished with a floating coat of neat cement as per drawing, specification & instructions of engineer all complete.	R.m								
	<b>Ground floor</b>									
	Staris case foyer area	0.00	48.00						0.00	granite
	Living room	1.00	62.00						62.00	puning
	Bed room	1.00	50.00						50.00	puning
	toilet	0.00							0.00	tile
	Attached toilet	0.00							0.00	tile
	kitchen	0.00	39.00						0.00	tile
	Dining hall	0.00	38.00						0.00	tile
	Store room	1.00	27.00						27.00	puning
	Utility room	1.00	29.00						29.00	puning
	Toilet	0.00							0.00	tile
	Closet	1.00	27.00						27.00	puning
	Bedroom	1.00	53.00						53.00	puning
	Eternal room	1.00	39.67						39.67	puning
								SubTotal 1	287.67	ft.
								SubTotal 1	87.68	m
	<b>First floor</b>									
	Staris case foyer area	0.00	51.00						0.00	granite
	Living room	1.00	59.00						59.00	puning
	Bed room	1.00	51.00						51.00	puning
	Balcony	0.00	37.00						0.00	tile
	toilet	0.00							0.00	tile
	Closet	1.00	27.00						27.00	puning
	study room	1.00	36.00						36.00	puning
	Staris case foyer area	0.00	42.00						0.00	granite
	toilet	0.00							0.00	tile
	Store room	1.00	27.00						27.00	puning
	Bed room	1.00	53.00						53.00	puning
	Toilet	0.00							0.00	tile
	Closet	1.00	27.00						27.00	puning
	balcony	0.00	33.00						0.00	tile
								SubTotal 2	280.00	ft.
								SubTotal 2	85.34	m
	<b>Second floor</b>									
	Toilet	0.00							0.00	tile
	Closet	1.00	27.00						27.00	puning
	Guest Bedroom	1.00	49.00						49.00	puning
	store room	1.00	19.00						19.00	puning
	pooja room	0.00	30.00						0.00	tile
	open space / balcony	0.00	31.00						0.00	tile
	family are	1.00	55.00						55.00	puning
	open shaft	1.00	30.00						30.00	puning

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
	kitchen	0.00	38.00			0.00	tile			
	staircase foyer area	0.00	56.00			0.00	granite			
	utility	1.00	26.00			26.00	puning			
	Bedroom	1.00	53.00			53.00	puning			
	Toilet	0.00				0.00	tile			
	Closet	1.00	27.00			27.00	puning			
	balcony	0.00	33.00			0.00	tile			
						SubTotal 3	286.00	ft.		
						SubTotal 3	87.17	m		
	<b>Third/Top floor</b>									
	staircase foyer area	0.00	40.00			0.00	granite			
	laundry room	1.00	25.00			25.00	puning			
	Terrace area	0.00	189			0.00	tile			
	Mummtly Top terrace	0.00	78.00			0.00	tile			
						SubTotal 4	25.00	ft.		
						SubTotal 4	7.62	m		
						<b>Total</b>	<b>878.67</b>	<b>ft.</b>		
						<b>Total</b>	<b>267.82</b>	<b>m</b>		
10.4	Providing and laying Flamed Finish Granite stone flooring and for kitchen platforms, vanity counters, parapet sill , window sills, facias, Landing , staircase Trade & riser and similar locations of required size in required design and patterns and moulding (if rquired), in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab, over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. including providing skirting upto 150 mm height along the walls in the same manner. all complete as specified and as directed by the Engineer-in-Charge :	Sq.m								
	<b>Ground floor</b>		area							
	Stariscase foyer area	1.00	130.00			130.00	granite			
	Stariscase landing	1.00	8.00	3.75		30.00	granite			
	Riser	21.00	3.75	0.58		45.68	granite			
	Trade	16.00	3.75	1.00		60.00	granite			
	Living room	0.00	237.00			0.00	puning			
	Bed room	0.00	153.00			0.00	puning			
	toilet	0.00	24.00			0.00	tile			
	Attached toilet	0.00	31.00			0.00	tile			
	kitchen	0.00	90.00			0.00	tile			
	kitchen slab	1.00	19.00	2.50		47.50	granite			
	Dining hall	0.00	86.00			0.00	tile			
	Store room	0.00	40.00			0.00	puning			
	Utility room	0.00	49.00			0.00	puning			
	Toilet	0.00	46.00			0.00	tile			
	Closet	0.00	44.00			0.00	tile			
	Bedroom	0.00	167.00			0.00	puning			
	Window sills W1	4.00	6.00	1.00		24.00	granite			
	Window sills W4	4.00	2.00	1.00		8.00	granite			
	Stariscase foyer area	1.00	48.33		0.50	24.17	granite			
	stairscae skirting	1.00	34.00		0.50	17.00	granite			
	open area	1.00	15.00		0.50	7.50	granite			
						SubTotal 1	393.85	Sq.ft.		
						SubTotal 1	36.59	Sq.m		
	<b>First floor</b>									
	Staris case foyer area	1.00	44.00			44.00	granite			
	Living room	0.00	209.00			0.00	puning			
	Bed room	0.00	158.00			0.00	puning			
	Balcony	0.00	52.00			0.00	tile			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
	toilet	0.00	30.00			0.00	tile			
	closet	0.00	31.00			0.00	tile			
	study room	0.00	77.00			0.00	puning			
	Staris case foyer area	1.00	84.00			84.00	granite			
	Stariscase landing	1.00	7.25	3.75		27.19	granite			
	Riser	18.00	3.50	0.58		36.54	granite			
	Trade	16.00	3.50	1.00		56.00	granite			
	toilet	0.00	78.00			0.00	tile			
	Store room	0.00	40.00			0.00	puning			
	Bed room	0.00	167.00			0.00	puning			
	Toilet	0.00	48.00			0.00	tile			
	Closet	0.00	44.00			0.00	tile			
	balcony	0.00	53.00			0.00	tile			
	Window sills W1	3.00	6.00	1.00		18.00	granite			
	Window sills W4	4.00	2.00	1.00		8.00	granite			
	Window sills W3	1.00	3.00	1.00		3.00	granite			
	MD balcony sills	1.00	15.00		0.50	7.50	granite			
	balcony sills	1.00	21.00		0.50	10.50	granite			
	balcony sills	1.00	17.00		0.50	8.50	granite			
	External room balocny sills	1.00	57.60		0.50	28.80	granite			
	Stariscase foyer area MD	1.00	15.00		0.50	7.50	granite			
	Stariscase foyer area	1.00	42.00		0.50	21.00	granite			
	stairscale skiritng	1.00	34.00		0.50	17.00	granite			
						SubTotal 2	377.53	Sq.ft.		
						SubTotal 2	35.07	Sq.m		
	<b>Second floor</b>									
	Toilet	0.00	34.00			0.00	tile			
	closet	0.00	45.00			0.00	tile			
	Guest Bedroom	0.00	148.00			0.00	puning			
	store room	0.00	22.00			0.00	puning			
	pooja room	0.00	54.00			0.00	tile			
	open space / balcony	0.00	59.00			0.00	tile			
	family are	0.00	167.00			0.00	puning			
	open shaft	0.00	52.00			0.00	puning			
	kitchen slab	1.00	18.25	2.50		45.63	granite			
	staircase foyer area	1.00	128.00			128.00	granite			
	Stariscase landing	1.00	7.25	3.75		27.19	granite			
	Riser	18.00	3.50	0.58		36.54	granite			
	Trade	16.00	3.50	1.00		56.00	granite			
	utility	0.00	38.00			0.00	puning			
	Bedroom	0.00	168.00			0.00	puning			
	Toilet	0.00	45.00			0.00	tile			
	Closet	0.00	44.00			0.00	tile			
	balcony	0.00	55.00			0.00	tile			
	Window sills W1	4.00	6.00	1.00		24.00	granite			
	Window sills W2	2.00	4.00	1.00		8.00	granite			
	Window sills W3	1.00	3.00	1.00		3.00	granite			
	Window sills W4	3.00	2.00	1.00		6.00	granite			
	balcony sills	1.00	9.00		0.50	4.50	granite			
	balcony sills	1.00	17.00		0.50	8.50	granite			
	Stariscase foyer area	1.00	55.00		0.50	27.50	granite			
	stairscale skiritng	1.00	34.00		0.50	17.00	granite			
						SubTotal 3	391.86	Sq.ft.		
						SubTotal 3	36.40	Sq.m		
	<b>Third/Top floor</b>									
	staircase foyer area	1.00	77.00			77.00	granite			
	laundry room	0.00	36.00			0.00	puning			
	Terrace area	0.00	1088			0.00	tile			
	Mumnty Top terrace	0.00	374.00			0.00	tile			
	Window sills W2	1.00	4.00	1.00		4.00	granite			
	Window sills W4	1.00	2.00	1.00		2.00	granite			
	staircase foyer area skirting	1.00	40.00		0.50	20.00	granite			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
	Terrace area parapet	1.00	159.00		0.50	79.50	granite			
	Mumnty Top terrace parapet	1.00	77.00		0.50	38.50	granite			
						SubTotal 4	221.00	Sq.ft.		
						SubTotal 4	20.53	Sq.m		
						<b>Total</b>	<b>1384.24</b>	<b>Sq.ft.</b>		
						<b>Total</b>	<b>128.60</b>	<b>Sq.m</b>		
10.5	Providing and laying Vitrified Floor Tiles in toilet and kitchen approved size and thickness with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades in floor and skirting .over laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., including providing skirting upto 150 mm height along the walls in the same manner.etc. complete.all complete as per the instruction of the Engineer.	Sq.m								
	<b>Ground floor</b>		area							
	Staris case foyer area	0.00	130.00			0.00	granite			
	Living room	0.00	237.00			0.00	puning			
	Bed room	0.00	153.00			0.00	puning			
	toilet	1.00	24.00			24.00	tile			
	Attached toilet	1.00	31.00			31.00	tile			
	kitchen	1.00	90.00			90.00	tile			
	Dining hall	1.00	86.00			86.00	tile			
	kitchen skirting	1.00	39.00		0.50	19.50	tile			
	Dining hall skirting	1.00	38.00		0.50	19.00	tile			
	Store room	0.00	40.00			0.00	puning			
	Utility room	0.00	49.00			0.00	puning			
	Toilet	1.00	46.00			46.00	tile			
	Bedroom	0.00	167.00			0.00	puning			
	open space	1.00	50.00			50.00	tile			
	open space skirting	1.00	32.00		0.50	16.00	tile			
						SubTotal 1	381.50	Sq.ft.		
						SubTotal 1	35.44	Sq.m		
	<b>First floor</b>									
	Staris case foyer area	0.00	145.00			0.00	granite			
	Living room	0.00	209.00			0.00	puning			
	Bed room	0.00	158.00			0.00	puning			
	Balcony	1.00	52.00			52.00	tile			
	Balcony skirting	1.00	37.00		0.50	18.50	tile			
	toilet	1.00	30.00			30.00	tile			
	study room	0.00	77.00			0.00	puning			
	Staris case foyer area	0.00	84.00			0.00	granite			
	toilet	1.00	33.29			33.29	tile			
	Store room	0.00	40.00			0.00	puning			
	Bed room	0.00	167.00			0.00	puning			
	Toilet	1.00	48.00			48.00	tile			
	balcony	1.00	53.00			53.00	tile			
	Balcony skirting	1.00	33.00		0.50	16.50	tile			
						SubTotal 2	251.29	Sq.ft.		
						SubTotal 2	23.35	Sq.m		
	<b>Second floor</b>									
	Toilet	1.00	34.00			34.00	tile			
	Guest Bedroom	0.00	148.00			0.00	puning			
	store room	0.00	22.00			0.00	puning			
	pooja room	1.00	54.00			54.00	tile			
	open space / balcony	1.00	59.00			59.00	tile			
	pooja room skirting	1.00	29.00		0.50	14.50	tile			
	open space / balcony skirting	1.00	31.00		0.50	15.50	tile			
	family are	0.00	167.00			0.00	puning			
	open shaft	0.00	52.00			0.00	puning			
	kitchen	1.00	87.00			87.00	tile			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
	kitchen skirting	1.00	38.00		0.50	19.00	tile			
	staircase foyer area	0.00	128.00			0.00	granite			
	toilet	1.00	33.29			33.29	tile			
	utility	0.00	38.00			0.00	puning			
	Bedroom	0.00	168.00			0.00	puning			
	Toilet	1.00	45.00			45.00	tile			
	balcony	1.00	55.00			55.00	tile			
	balcony skirting	1.00	33.00		0.50	16.50	tile			
						SubTotal 3	416.29	Sq.ft.		
						SubTotal 3	38.67	Sq.m		
	<b>Third/Top floor</b>									
	staircase foyer area	0.00	77.00			0.00	granite			
	laundry room	1.00	36.00			36.00	puning			
	Terrace area	0.00	1088			0.00	tile			
	Mummy Top terrace	0.00	374.00			0.00	tile			
						SubTotal 4	36.00	Sq.ft.		
						SubTotal 4	3.34	Sq.m		
						<b>Total</b>	<b>1085.08</b>	<b>Sq.ft.</b>		
						<b>Total</b>	<b>100.81</b>	<b>Sq.m</b>		
10.6	Providing and fixing 1st quality Ceramic Glazed Wall Tiles in toilet and kitchen 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 on wall and dados over 12 mm thick bed of cement Mortar 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.	Sq.m								
	<b>Ground floor</b>									
	toilet	1.00	16.84		5.00	84.20	tile			
	Attached toilet	1.00	19.50		5.00	97.50	tile			
	kitchen backsplash	1.00	19.00		2.00	38.00	tile			
	Toilet	1.00	23.50		5.00	117.50	tile			
						SubTotal 1	337.20	Sq.ft.		
						SubTotal 1	31.33	Sq.m		
	<b>First floor</b>									
	toilet	1.00	17.50		5.00	87.50	tile			
	toilet	1.00	24.84		5.00	124.20	tile			
	Toilet	1.00	23.50		5.00	117.50	tile			
						SubTotal 2	329.20	Sq.ft.		
						SubTotal 2	30.58	Sq.m		
	<b>Second floor</b>									
	Toilet	1.00	20.50		5.00	102.50	tile			
	toilet	1.00	24.84		5.00	124.20	tile			
	kitchen backsplash	1.00	18.33		2.00	36.66	tile			
	Toilet	1.00	24.16		5.00	120.80	tile			
						SubTotal 3	384.16	Sq.ft.		
						SubTotal 3	35.69	Sq.m		
						<b>Total</b>	<b>751.94</b>	<b>Sq.ft.</b>		
						<b>Total</b>	<b>69.86</b>	<b>Sq.m</b>		
10.6	Terracoat tile in wall cladding at all heights, in the exposed work, in cement mortar 1:3 (1 cement :3 coarse sand) with making horizontal and vertical grooves 10mm wide & 12mm deep complete and fixing over existing recessed brick surface with cement mortar 1:3 (1 cement : 3 coarse sand) , with necessary scaffolding etc complete all as per drawing & direction of Engineer in charge	Sq.m								

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1 0.08	2 0.17	3 0.25	4 0.3	5 0.42	6 0.50	7 0.58	8 0.67	9 0.75	10 0.83	11 0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
10.7	Providing and fixing Heat Resistant Terrace Tiles (300 mm x 300 mm x 20 mm) with SRI (solar refractive index) > 78, solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid on 20 mm thick cement sand mortar in the ratio of 1:4 (1 cement : 4 coarse sand) and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including rubbing and polishing of the surface upto 3 cuts complete, including providing skirting upto 150 mm height along the parapet walls in the same manner.all complete as per drawings, specifications and instruction instructions of engineer .	R.m								
<b>Third/Top floor</b>										
	staircase fover area	0.00	77.00			0.00	granite			
	laundry room	0.00	36.00			0.00	puning			
	Terrace area	1.00	1088			1,088.00	tile			
	Mumnty Top terrace	1.00	374.00			374.00	tile			
	Terrace area skirting	1.00	189		0.50	94.50	tile			
	Mumnty Top terrace skirting	1.00	78.00		0.50	39.00	tile			
						<b>Total</b>	<b>1595.50</b>			
						<b>Total</b>	<b>148.23</b>			
							<b>Sq.ft.</b>			
							<b>Sq.m</b>			
10.8	Providing and fixing Anti Skid Parking Tile (Endura) of approved size and thickness with water absorption less than 0.08% and conforming to IS:15622 of approved make in all colours shades of any size in floors and skirting over 20 mm thick bed of cement mortar 1:4 and jointing with grey cement slurry @3.3 kg per Sqmt, including pointing in white cement mixed with pigment of matching shade, including providing skirting upto 150 mm height along the walls in the same manner.etc. complete complete.all complete as per the instruction of the Engineer/Architect consultant:	Sq.m								
	site area	1.00	2675			2,675.00	tile			
	ground floor bulidup area	-1.00	1259.00			-1,259.00	tile			
	skirting	1.00	205.00		0.50	102.50				
						<b>Total</b>	<b>1518.50</b>			
						<b>Total</b>	<b>141.07</b>			
							<b>Sq.ft.</b>			
							<b>Sq.m</b>			
<b>11.0</b>	<b>Door &amp; Window Work</b>									
11.1	Providing and Fixing Single or Double Panel Casement (Hinged) and Sliding window and Ventilation of aluminum with fixed pannels and/or as per requirement ventilator but without fly mesh shutter in 62x38x1.2mm with black anodized or powder coated color section with 5mm glass Agrani Aluminium Nepal or Equivalent including Brass Tower Bolt 4" Long Brass Kabja and other required accessories, all complete as per drawing, specification and instruction of the Engineer.	Sq.m								
<b>Ground floor</b>										
	W1	3	6		4.5	81.00				
	W2 one for external room	2	4		4.5	36.00				
	W3	4	2		4.5	36.00				
	W4	0	0		4.5	0.00				
						<b>SubTotal 1</b>	<b>153.00</b>			
						<b>SubTotal 1</b>	<b>14.21</b>			
							<b>Sq.ft.</b>			
							<b>Sq.m</b>			
<b>First floor</b>										
	W1	4	6		4.5	108.00				
	W2	0	4		4.5	0.00				
	W3	4	2		4.5	36.00				
	W4	0	0		4.5	0.00				
						<b>SubTotal 2</b>	<b>144.00</b>			
						<b>SubTotal 2</b>	<b>13.38</b>			
							<b>Sq.ft.</b>			
							<b>Sq.m</b>			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Building**

1 0.08	2 0.17	3 0.25	4 0.3	5 0.42	6 0.50	7 0.58	8 0.67	9 0.75	10 0.83	11 0.92	
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark				
	<b>Second floor</b>										
	W1	3	6		4.5	81.00					
	W2	3	4		4.5	54.00					
	W3	5	2		4.5	45.00					
	W4	0	0		4.5	0.00					
							SubTotal 3	180.00		Sq.ft.	
							SubTotal 3	16.72		Sq.m	
	<b>Third floor</b>										
	W2	1	4		4.5	18.00					
	W3	1	2		4.5	9.00					
							SubTotal 4	27.00		Sq.ft.	
							SubTotal 4	2.51		Sq.m	
							<b>Total</b>	<b>504.00</b>		<b>Sq.ft.</b>	
							<b>Total</b>	<b>46.82</b>		<b>Sq.m</b>	
11.2	Providing and fixing Single or Double Panel Casement (Hinged) and Sliding Door of aluminum section with black anodized or powder coated color Section size (102×45×1.5 mm) fitted with 5 mm clear glass or 9 mm both side laminated board including the cost of 4" Long Brass Kabja, 300mm & 150mm long tower bolts, Sliding bolt 250mm , Door Handel 100mm, Floor Door Stoper, Door Closer, with Mortice Lock all complete as per drawing, specification and instruction of the Engineer.	Sq.m									
	<b>Ground floor</b>										
	D1 one for external room	4	3		7	84.00					
	D2	5	2.5		7	87.50					
	SD	1	4		7	28.00					
							SubTotal 1	199.50		Sq.ft.	
							SubTotal 1	18.53		Sq.m	
	<b>First floor</b>										
	D1	3	3		7	63.00					
	D2	4	2.5		7	70.00					
	SD	1	4		7	28.00					
							SubTotal 2	161.00		Sq.ft.	
							SubTotal 2	14.96		Sq.m	
	<b>Second floor</b>										
	D1	3	3		7	63.00					
	D2	6	2.5		7	105.00					
	SD	3	4		7	84.00					
							SubTotal 3	252.00		Sq.ft.	
							SubTotal 3	23.41		Sq.m	
	<b>Third floor</b>										
	D1	1	3		7	21.00					
	D2	1	2.5		7	17.50					
							SubTotal 4	38.50		Sq.ft.	
							SubTotal 4	3.58		Sq.m	
							<b>Total</b>	<b>651.00</b>		<b>Sq.ft.</b>	
							<b>Total</b>	<b>60.48</b>		<b>Sq.m</b>	
11.3	Supplying and fixing Well seasoned Agrakh chaukhats/Frame for fixed / openable doors / windows with (100x75mm) good finish of approved quality including fixing in position with necessary M.S. hold fasts, hardware etc all complete as per drawing, specification and instruction of the Engineer.	cu.m									
	ground floor MD1	1	18	0.25	0.3	1.35					
	First floor MD1	1	18	0.25	0.3	1.35					
							<b>Total</b>	<b>2.70</b>		<b>Cu.ft.</b>	
							<b>Total</b>	<b>0.08</b>		<b>Cu.m</b>	

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
11.4	Providing & fixing 38mm thick Solid Core Door shutters (both side teak ply (PF/BST) waterproofing 38 x 12mm thick sal timber leaping arrangement) fixed in position with 4 nos. 100mm long brass Hinges to each shutters including the cost of 300mm & 150mm brass long tower bolts, Sliding bolt 250mm , Door Handel 100mm, Floor Door Stoper, Door Closer, with Mortice Lock all complete as per drawing, specification and instruction of the Engineer.	sqm								
	Ground floor MD1	1	4		7	28.00				
	First floor MD1	1	4		7	28.00				
					<b>Total</b>	<b>56.00</b>				<b>Sq.ft.</b>
					<b>Total</b>	<b>5.20</b>				<b>Sq.m</b>
11.5	Providing and fixing Fly mesh Shutter with Fly proof stainless steel grade 304 wire gauge with 0.5 mm dia. wire and 1.4mm wide aperture with matching aluminum beading for window .	sqm								
	<b>Ground floor</b>									
	W1	3	6		4.5	81.00				
	W2 one for external room	2	4		4.5	36.00				
	W3	4	2		4.5	36.00				
	W4	0	0		4.5	0.00				
					SubTotal 1	153.00				Sq.ft.
					SubTotal 1	14.21				Sq.m
	<b>First floor</b>									
	W1	4	6		4.5	108.00				
	W2	0	4		4.5	0.00				
	W3	4	2		4.5	36.00				
	W4	0	0		4.5	0.00				
					SubTotal 2	144.00				Sq.ft.
					SubTotal 2	13.38				Sq.m
	<b>Second floor</b>									
	W1	3	6		4.5	81.00				
	W2	3	4		4.5	54.00				
	W3	5	2		4.5	45.00				
	W4	0	0		4.5	0.00				
					SubTotal 3	180.00				Sq.ft.
					SubTotal 3	16.72				Sq.m
	<b>Third floor</b>									
	W2	1	4		4.5	18.00				
	W3	1	2		4.5	9.00				
					SubTotal 4	27.00				Sq.ft.
					SubTotal 4	2.51				Sq.m
					<b>Total</b>	<b>504.00</b>				<b>Sq.ft.</b>
					<b>Total</b>	<b>46.82</b>				<b>Sq.m</b>
<b>12.0</b>	<b>Iron and Stainless Steel Works</b>									
12.1	Making and fitting fixing of Stainless Steel Pipe Staircase Railling with 50 mm. dia.stainless steel pipe handrail and 4 row 25mm.dia.stainless steel pipe in between handrail and floor and 50 mm.dia.stainless steel pipe for vertical post/Baluster @ 2m. c/c including Newel post with Cap including welding , cutting all complete as per design, specification and approval of site Engineer.	Rm								
	GF to FF	1.0	18.50			18.50				
	FF to SF	1.0	18.50			18.50				
	SF to TF	1.0	18.50			18.50				
					<b>Total</b>	<b>55.50</b>				<b>ft.</b>
					<b>Total</b>	<b>16.92</b>				<b>m</b>

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work				No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark
12.2	Balcony MS Railing - Providing, fabricating & fixing M.S. works using MS Flats, Square/Round Bars, Hollow square or round sections with 50 mm. dia. pipe top handrail and bottom, 25 mm.dia. for vertical post @ 300mm C/C .height upto 900mm and decorative panel as per design between vertical post etc. including welding, grinding, fixing, painting, all complete as per drawing, specification and instruction of the Engineer.				Rm					
	GF				1.0	16.00			16.00	
	External room				1.0	39.80			39.80	
	FF				1.0	16.00			16.00	
					1.0	22.00			22.00	
					1.0	12.00			12.00	
	SF				1.0	16.00			16.00	
					1.0	9.00			9.00	
								<b>Total</b>	<b>130.80</b>	<b>ft.</b>
								<b>Total</b>	<b>39.87</b>	<b>m</b>
12.3	Making and fitting fixing of Stainless Steel Pipe Terrace Railling with 50 mm. dia.stainless steel pipe handrail and 3 row 25mm.dia.stainless steel pipe in between handrail and floor and 50 mm.dia.stainless steel pipe for vertical post/Baluster @ 600mm. c/c ht. up to 600mm including welding , cutting all complete as per design, specification and approval of site Engineer.				Rm					
	Teerace parapet				1.0	142.00			142.00	
								<b>Total</b>	<b>142.00</b>	<b>ft.</b>
								<b>Total</b>	<b>43.28</b>	<b>m</b>
12.4	Circular staircase of M.S.works welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete of size 4'6" dia with medium type black pipe post, 3/4" X 3/4" square pipe and 1 1/4" dia medium black pipe hand rail, steps width 2'-0" to 2'-6", all complete as per drawing, specification and instruction of the Engineer.				Kgs					
	Approx quantity				1.0	200.00			200.00	
								<b>Total</b>	<b>200.00</b>	<b>kg</b>
12.5	Structural Steel Work in single section Hollow rectangle sections 200x100x 4mm, fixed with or without connecting plate,including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per drawing, specification and instruction of the Engineer.				Kgs					
						m	kg/m			
	Balcony MS hollow rectangle section 100X200X4				8.0	5.79	18.10		838.40	
	horizontal X direction sqaure 50x50mm & 2.6 mm thick				6.0	1.98	3.74		44.46	
	horizontal Y direction sqaure 50x50mm & 2.6mm thick				6.0	2.31	3.74		51.85	
	vertical post sqaure 100x100mm & 4mm thick				1.0	2.44	11.73		28.61	
								<b>Total</b>	<b>963.32</b>	<b>kg</b>

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
12.6	Providing & fixing UV stabilised Fiberglass Reinforced Plastic sheet ( 2 mm thick flat )roofing up to any pitch, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers completebut excluding the cost of purlins, rafters, trusses etc. The sheetshall be manufactured out of 2400 TEX panel rovigs incorporating minimum 0.3% ultra-violet stabiliser in resin system underapproximately 2400 psi and hot cured. They shall be of uniformpigmentation and thickness without air pockets and shall conform to IS 10192 and IS 12866.The sheets shall be opaque or translucent,clear or pigmented, textured or smooth as specified.all complete as per drawing, specification and instruction of the Engineer.	sqm								
	Above MS section balcony	1.0	8.50	3.75		31.88				
		1.0	6.50	7.58		49.27				
						<b>Total</b>	<b>81.15</b>			<b>Sq.ft.</b>
						<b>Total</b>	<b>7.54</b>			<b>Sq.m</b>
12.7	Providing & fixing MS Main gate, of M.S.works welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works etc.all complete as per design, specification and approval of site Engineer.	kgs								
	Approx quantity	1.0	200.00			200.00				
						<b>Total</b>	<b>200.00</b>			<b>kg</b>
<b>13.0</b>	<b>Waterproofing Work</b>									
13.1	Providing and laying water proofing treatment on Roof/Terrace of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying:all complete as per drawing, specification and instruction of the Engineer.	Sq.m								
(a)	after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm.									
(b)	laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm.									
(c)	third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around.									
(d)	fourth and final layer of tiling with cement mortar (which will be paid for separately.									
	<b>Third/Top floor</b>									
	Terrace area	1.00	1088			1,088.00	tile			
	Mumnty Top terrace	1.00	374.00			374.00	tile			
	Terrace area skirting	1.00	189		1.00	189.00	tile			
	Mumnty Top terrace skirting	1.00	78.00		1.00	78.00	tile			
	External room including skirting	1.00	255.71		1.00	255.71	tile			
						<b>Total</b>	<b>1984.71</b>			<b>Sq.ft.</b>
						<b>Total</b>	<b>184.39</b>			<b>Sq.m</b>
13.2	Providing and laying water proofing treatment in WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying all complete as per drawing, specification and instruction of the Engineer.	Sq.m								

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Buliding**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark			
(a)	First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours.	0.0								
(b)	Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours.	0.0								
	(The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.)	0.0								
	<b>Ground floor</b>		area							
	toilet	1.00	24.00			24.00	tile			
	Attached toilet	1.00	31.00			31.00	tile			
	Toilet	1.00	46.00			46.00	tile			
	toilet wall	1.00	16.84		1.00	16.84	tile			
	Attached toilet wall	1.00	19.50		1.00	19.50	tile			
	toilet wall	1.00	23.50		1.00	23.50	tile			
	open space	1.00	50.00			50.00	tile			
	open space skirting	1.00	32.00		1.00	32.00	tile			
						SubTotal 1	242.84		Sq.ft.	
						SubTotal 1	22.56		Sq.m	
	<b>First floor</b>									
	Balcony	1.00	52.00			52.00	tile			
	Balcony skirting	1.00	37.00		1.00	37.00	tile			
	toilet	1.00	30.00			30.00	tile			
	toilet	1.00	33.29			33.29	tile			
	Toilet	1.00	48.00			48.00	tile			
	balcony	1.00	53.00			53.00	tile			
	Balcony skirting	1.00	33.00		1.00	33.00	tile			
	toilet wall	1.00	17.50		1.00	17.50	tile			
	toilet wall	1.00	24.84		1.00	24.84	tile			
	Toilet wall	1.00	23.50		1.00	23.50	tile			
						SubTotal 2	352.13		Sq.ft.	
						SubTotal 2	32.71		Sq.m	
	<b>Second floor</b>									
	Toilet	1.00	34.00			34.00	tile			
	open space / balcony	1.00	59.00			59.00	tile			
	open space / balcony skirting	1.00	31.00		1.00	31.00	tile			
	toilet	1.00	33.29			33.29	tile			
	Toilet	1.00	45.00			45.00	tile			
	balcony	1.00	55.00			55.00	tile			
	balcony skirting	1.00	33.00		1.00	33.00	tile			
	Toilet wall	1.00	20.50		1.00	20.50	tile			
	Toilet wall	1.00	24.84		1.00	24.84	tile			
	Toilet wall	1.00	24.16		1.00	24.16	tile			
						SubTotal 3	359.79		Sq.ft.	
						SubTotal 3	33.43		Sq.m	
						<b>Total</b>	<b>954.76</b>		<b>Sq.ft.</b>	
						<b>Total</b>	<b>88.70</b>		<b>Sq.m</b>	

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Septic & Soak pit**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (m)	Breadth (m)	Height(m)	Quantity	Unit/Remark			
<b>A</b>	<b>Septic Tank</b>									
<b>1.0</b>	<b>EarthWork</b>									
	Eaerth work excavtion Septic tank	1	2.46	1.36	2.30	7.70				
					Total	7.70	cum			
<b>2.0</b>	<b>Soling Work</b>									
	flat brick soling	1	2.46	1.36		3.35				
					Total	3.35	sqm			
<b>3.0</b>	<b>PCC Work 4" M15(1:2:4)</b>									
	Septic tank floor	1	2.46	1.36	0.10	0.34				
					Total	0.34	cum			
<b>4.0</b>	<b>Brick Work</b>									
	Long Wall 9"	2	2.46	0.23	2.30	2.61				
	Short Wall 9"	3	0.90	0.23	2.30	1.43				
					Total	4.04	cum			
<b>5.0</b>	<b>Plaster Work (12mm thick 1:3 mortar)</b>									
	Long Wall 9"	2	2.00		3.30	13.20				
	Short Wall 9"	4	0.90		3.30	11.88				
	Floor	1	2.00	0.90		1.80				
					Total	26.88	Sqm			
<b>6.0</b>	<b>RCC Work M20</b>									
	Floor 6"	1	2.46	1.36	0.15	0.51				
	deducted cover	-1	0.46	0.61	0.15	-0.28				
					Total	0.23	cum			
<b>7.0</b>	<b>Reinforcement</b>									
		nos		wt/m						
	longtudinal bar 10mm @ 150mm	11	2.56	0.62		17.39				
	transverse bar	18	1.46	0.62		16.23				
					Total	33.62	Kg			
<b>8.0</b>	<b>Form Work</b>									
	Edge of slab	1	15.28		0.15	2.30				
					Total	2.30	Sqm			
<b>9.0</b>	<b>Water proofing</b>									
	Long Wall 9"	2	2.00		3.30	13.20				
	Short Wall 9"	4	0.90		3.30	11.88				
	Floor	1	2.00	0.90		1.80				
					Total	26.88	Sqm			
<b>10.0</b>	<b>Miscellaneous</b>									
<b>10.1</b>	Man hole Cover 455x610mm	1				1.00	Nos			
<b>10.2</b>	Vent pipe 50mm with cowl cover	1				1.00	Nos			
<b>10.3</b>	T shaped inlet and outlet pipe 100mm	1				1.00	Nos			
<b>B</b>	<b>Soak Pit (1m dia and 2m effective depth)</b>									
<b>1.0</b>	<b>Earth work</b>			area						
	Septic tank 2 +150mm free board + 300 cover	1	0.79		2.45	1.93				
					Total	1.93	cum			
<b>2.0</b>	<b>Soling Work</b>									
	supply and filling brick Aggregate for soak pit all complete as per drawings, specifications and instructions.			area						
	pheriphery between soil and brcik shaft	1	0.32		1.15	0.38				
					Total	0.38	cum			
<b>3.0</b>	<b>Dry honey Comb Brick Work</b>									

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Septic & Soak pit**

1	2	3	4	5	6	7	8	9	10	11
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92
S.N.	Description of work	No's	Length (m)	Breadth (m)	Height(m)	Quantity	Unit/Remark			
	Dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, for soak pit all complete as per drawings, specifications and instructions.		area							
	surface area shaft	2	3.14		2.15	13.51				
					Total	13.51	Sq.m			
<b>4.0</b>	<b>Brick Work with Mortar</b>									
	surface area shaft	2	3.14	0.15	0.80	0.76				
					Total	0.76	cum			
<b>5.0</b>	<b>Plaster Work (12mm thick 1:3 mortar)</b>									
	surface area shaft	2	3.14		0.80	5.03				
					Total	5.03	Sq.m			
<b>5.0</b>	<b>RCC Work</b>									
	Floor 6"	1	3.14	0.36	0.15	0.17				
					Total	0.17	cum			
<b>6.0</b>	<b>Reinforcement</b>									
		nos		wt/m						
	longtudinal bar 10mm @ 150mm	8	1	0.62		4.94				
	transverse bar	8	1.00	0.62		4.94				
					Total	9.88	Kg			
<b>7.0</b>	<b>Form Work</b>									
	Edge of slab	1	3.14	0.36	1	1.14				
					Total	1.14	Sqm			
<b>8.0</b>	<b>Miscellaneous</b>									
	4" inlet pipe	1				1.00	Nos			

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

Project Name: ITALITAR RESIDENCE  
Location: Province No 3, Kathmandu, Nepal  
Contract ID/RFP No.:

**Detail Measurement Sheet of Water Reservoir Tank**

1	2	3	4	5	6	7	8	9	10	11	
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92	
S.N.	Description of work	No's	Length in (ft.)	Breadth in (ft.)	Height in (ft.)	Quantity	Unit/Remark				
A	Water Tank										inner dimension
<b>1.0</b>	<b>Earth Work</b>										
		1	4.70	4.20	2.85	56.26					
					<b>Total</b>	<b>56.26</b>	<b>cum</b>				
<b>3.0</b>	<b>Soiling Work</b>										
	75 mm brick soiling	1	4.10	3.60		14.76					
					<b>Total</b>	<b>14.76</b>	<b>Sqm</b>				
<b>4.0</b>	<b>PCC Work 4"</b>										
	75 mm M15 for foundation	1	4.10	3.60	0.08	1.11					
					<b>Total</b>	<b>1.11</b>	<b>cum</b>				
<b>5.0</b>	<b>Bitumins Layer 50mm</b>										
	Foundation	4	4.10	3.60		14.76					
					<b>Total</b>	<b>14.76</b>	<b>Sqm</b>				
<b>6.0</b>	<b>RCC Work</b>										
	Bottom slab 150mm/ 6"	1	4.10	3.60	0.15	2.22					
	Retaining wall 230mm/9" long	1	3.50	0.25	2.50	2.19					
	Retaining wall 230mm short	1	2.50	0.25	2.50	1.57					
	Top Slab 150mm	1	3.50	3.00	0.15	1.58					
	Mainhole Cover	-1	0.60	0.60	0.15	-0.36					
					<b>Total</b>	<b>7.20</b>	<b>cum</b>				
<b>7.0</b>	<b>Reinforcement</b>										
	<b>Bottom Slab</b>	Rebar size(mm)	spacing(m)	length	width						
		12	0.10	4.10	3.60						
		top & bottom	Nos	length	unit weight (kg/m)						
	Parallel X-Direction	2	37.00	4.20	0.89	276.27	1.50%				
	Parallel Y-Direction	2	42.00	3.70	0.89	276.27					
	<b>Top Slab</b>	Rebar size(mm)	spacing(m)	length	width						
		12	0.10	3.50	3.00						
		top & bottom	Nos	length	unit weight (kg/m)						
	Parallel X-Direction	2	31.00	3.60	0.89	198.40					
	Parallel Y-Direction	2	36.00	3.10	0.89	198.40					
	<b>Long Retaining wall</b>	Rebar size(mm)	spacing(m)	width	ht.						
		12	0.10	3.50	2.50						
		both side	Nos	length	unit weight (kg/m)						
	Parallel X-Direction, hor.	2	26.00	3.80	0.89	175.65					
	Parallel Y-Direction, ver.	2	36.00	2.80	0.89	179.20					
	<b>Short Retaining wall</b>	Rebar size(mm)	spacing(m)	width	ht.						
		12	0.10	3.00	2.50						
		both side	Nos	length	unit weight (kg/m)						
	Parallel X-Direction, hor.	2	26.00	3.30	0.89	152.54					
	Parallel Y-Direction, ver.	2	31.00	2.80	0.89	154.32					
					<b>Total</b>	<b>1611.05</b>	<b>Kg</b>				
<b>7.0</b>	<b>Form Work</b>										
	Bottom slab Edge PCC	1	15.40		0.15	2.31					
	Bottom slab Edge RCC	1	15.40		0.15	2.31					
	Top slab Edge RCC	1	13.00		0.15	1.95					
	Top slab RCC	1	3.50	3.00		10.50					
	Mainhole Cover	-1	0.60	0.60		-0.36					
	Retaining wall 230mm/9" long	2	12.00		2.50	60.00					
					<b>Total</b>	<b>76.71</b>	<b>Sqm</b>				
<b>8.0</b>	<b>Plaster Work</b>										
	RCC Wall	2	12.00		2.50	60.00					
	Bottom Slab	1	3.60	3.10		11.16					
	Top Slab	1	3.50	3.00		10.50					
					<b>Total</b>	<b>81.66</b>	<b>Sqm</b>				
<b>9.0</b>	<b>Miscellaneous</b>										
<b>9.1</b>	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like water tanks, reservoir, sewage etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral										
	RCC Wall	1	12.00		2.50	30.00					
	Bottom Slab	1	3.00	2.50		7.50					
					<b>Total</b>	<b>37.50</b>	<b>Sqm</b>				
<b>9.2</b>	Providing and Placing in position suitable PVC water stops( Serrated/Dumb bell with central bulb (225 mm wide, 8-11 mm thick))conforming to IS:12200 for construction/ expansion joints between two RCC										
	Bottom Slab	1	12.00			12.00					
					<b>Total</b>	<b>12.00</b>	<b>Rm</b>				
<b>9.3</b>	Man hole Cover 2"x2 "	1				1.00					
<b>9.4</b>	Supply and fix fabricated steel ladder (4mm thick steel S (3m height)	1				1.00					
<b>9.5</b>	inlet and outlet pipe	2				1.00					

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

**Project Name: ITALITAR RESIDENCE**  
**Location: Province No 3, Kathmandu, Nepal**  
**Contract ID/RFP No.:**

**Detail Measurement Sheet of Sanitary**

1	2	3	4	5	6	7	8	9	10	11	
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92	
S.N.	Description of work				Unit	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark
<b>B</b>	<b>SANITARY WORK</b>										
1.0	<b>Sanitary Installation</b>										
	Providing and fixing in position of all work items with all necessary fittings complete with testing and ready for operation as per drawings, specifications, manufacturer's recommendations and instructions. The rate shall include for position marking, maintain line, level or grade wherever required, sand filling/compaction, earth cutting and backfilling, cutting, chasing of walls, plasters or tiles etc. and making good and touching up to restore to original conditions wherever instructed and applicable for any of the items below. Sanitaryware: Hindware / Parryware or equivalent, CP Fixtures: Hindware / Parryware / Jaquar or equivalent, SWR Pipes: Marvel / Mangalam / Nepatop or equivalent, Hot/Cold Water Supply Pipe and fittings: Marvel / Managlam / Hilltake CPVC or equivalent, Gun Metal Gate Valve: LEADER/SANT, Ball Valve: Marvel/ Managlam / Hilltake CPVC										
1.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) W.C. pan with ISI marked white solid plastic seat and lid with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern										
	Outside Bulding				Nos	0.00				0.00	
	Ground Floor				Nos	4.00				4.00	
	First Floor				Nos	3.00				3.00	
	Second Floor				Nos	3.00				3.00	
	Top Floor				Nos	0.00				0.00	
									<b>Total</b>	<b>10.00</b>	<b>Set</b>
1.2	Providing and fixing C.P. brass toilet paper holder :										
	Same As W/C item 1.1				Nos	10.00				10.00	
									<b>Total</b>	<b>10.00</b>	<b>Nos</b>
1.3	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps				Set	10.00					
1.4	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x57 mm				Nos	10.00					
1.5	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms.				Nos	10.00					
1.6	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.				Nos	10.00					
1.7	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.				Nos	10.00					
1.8	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.				Nos	10.00					
1.9	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm.C.P. brass waste coupling complete including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink without drain board 610x510 mm bowl depth 200 mm				Set	2.00					
<b>2.0</b>	<b>Water Supply Installation</b>										
2.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings(Union, Socket/Coupler/elbow/T / By pass/Nipple/ Reducer, Brass M/FT), including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and Concealed work, including cutting chases and making good the walls etc-and testing of joints complete as per direction of Engineer in Charge-										
2.1.1	- 25 mm dia.				Rm						
	Main service line to tank and tank to floor										
	public service line to Pump				1.00	60.00				60.00	
	Pump to water tank				1.00	50.00				50.00	
	water tank to third floor HW &CW				2.00	16.00				32.00	
	water tank to Second floor HW &CW				2.00	27.00				54.00	
	water tank to first floor HW &CW				2.00	38.00				76.00	
	water tank to ground floor HW &CW				2.00	49.00				98.00	
	10% extra									37.00	
									<b>SubTotal 1</b>	<b>407.00</b>	<b>Sq.ft.</b>
									<b>SubTotal 1</b>	<b>37.81</b>	<b>Sq.m</b>
2.1.2	- 20 mm dia.				Rm						
	Floor to Toilet & Kitchen										
	Ground Floor										
	toilet 1				2.00	10.00				20.00	
	toilet 2 &3 and kitchen 1				2.00	35.00				70.00	
	Guard room toilet 4				2.00	45.00				90.00	
	First Floor										
	toilet 1				2.00	10.00				20.00	
	toilet 2				2.00	10.00				20.00	
	toilet 3				2.00	35.00				70.00	
	Second Floor										
	toilet 1				2.00	10.00				20.00	
	toilet 2				2.00	10.00				20.00	
	toilet 3				2.00	35.00				70.00	
	kitchen 2				2.00	25.00				50.00	
	Top Floor										
	Laundry				2.00	6.00				12.00	
	10% extra									46.20	
									<b>SubTotal 2</b>	<b>508.20</b>	<b>Sq.ft.</b>
									<b>SubTotal 2</b>	<b>47.21</b>	<b>Sq.m</b>
2.1.3	- 15 mm dia.										
	Toilet & Kitchen to tape										
	Floor to Toilet & Kitchen										
	Ground Floor										

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

Project Name: ITALITAR RESIDENCE  
Location: Province No 3, Kathmandu, Nepal  
Contract ID/RFP No.:

**Detail Measurement Sheet of Sanitary**

1	2	3	4	5	6	7	8	9	10	11	
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92	
S.N.	Description of work				Unit	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark
	toilet										
	periphery				2.00	25.00				50.00	
	2 nos wash basin + 1 nos spry + 1 nos cistern				4.00	1.00				4.00	
	1 tape				1.00	1.00				1.00	
	1 bath tape wall mixer				2.00	3.00				6.00	
	1 shower				1.00	4.00				4.00	
									one toilet	65.00	
	kitchen										
	sink				2.00	5.00				one kitchne	10.00
	10 toilet and 2 kitchen									670.00	
	10% extra									81.00	
										SubTotal 3	891.00 Sq.ft.
										SubTotal 3	82.78 Sq.m
									total	167.80	
2.2	Insulation for hot water pipe, 6mm wall thickness as per approved shop drawing and as instructed by the Engineer. (Aeroflex, Superloam or equivalent)										
2.2.1	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with With common										
	Main service line to tank and tank to floor										
	public service line to Pump				0.00	60.00				0.00	
	Pump to water tank				0.00	50.00				0.00	
	water tank to third floor HW &CW				1.00	16.00				16.00	
	water tank to Second floor HW &CW				1.00	27.00				27.00	
	water tank to first floor HW &CW				1.00	38.00				38.00	
	water tank to ground floor HW &CW				1.00	49.00				49.00	
	10% extra									13.00	
										SubTotal 1	143.00 Sq.ft.
										SubTotal 1	13.29 Sq.m
2.2.2	Inside dimensions 455x610 mm and 45 cm deep for single pipe line :				Nos						
	Floor to Toilet & Kitchen										
	Ground Floor										
	toilet 1				1.00	10.00				10.00	
	toilet 2 &3 and kitchen 1				1.00	35.00				35.00	
	Guard room toilet 4				1.00	45.00				45.00	
	First Floor										
	toilet 1				1.00	10.00				10.00	
	toilet 2				1.00	10.00				10.00	
	toilet 3				1.00	35.00				35.00	
	Second Floor										
	toilet 1				1.00	10.00				10.00	
	toilet 2				1.00	10.00				10.00	
	toilet 3				1.00	35.00				35.00	
	kitchen 2				1.00	25.00				25.00	
	Top Floor										
	Laundry				1.00	6.00				6.00	
	10% extra									23.10	
										SubTotal 2	254.10 Sq.ft.
										SubTotal 2	23.61 Sq.m
2.2.3	#REF!										
	Toilet & Kitchen to tape										
	Floor to Toilet & Kitchen										
	Ground Floor										
	toilet 1										
	periphery				1.00	25.00				25.00	
	1 nos wash basin +				1.00	1.00				1.00	
	1 tape				0.00	1.00				0.00	
	1 bath tape wall mixer				1.00	3.00				3.00	
	1 shower				1.00	4.00				4.00	
									one toilet	33.00	
	kitchen										
	sink				1.00	5.00				one kitchne	5.00
	10 toilet and 2 kitchen									340.00	
	10% extra									41.10	
										SubTotal 3	452.10 Sq.ft.
										SubTotal 3	42.00 Sq.m
										78.89	
2.3	LEADER brand or equivalent Full way Gun-Metal Gate Valve as per approved shop drawing and as instructed by the Engineer.										
2.3.1	- 25 mm dia.										
	Main service line to tank and tank to floor										
	public service line to Pump				1.00					1.00	
	Pump to water tank				1.00					1.00	
	Near water tank to each floor				4.00					4.00	
	at each floor										
	water tank to third floor HW &CW				2.00					2.00	
	water tank to Second floor HW &CW				2.00					2.00	
	water tank to first floor HW &CW				2.00					2.00	
	water tank to ground floor HW &CW				2.00					2.00	
										SubTotal 3	14.00 nos
2.4	LEADER brand or equivalent Gun-Metal Check valve as per approved shop drawing and as instructed by the Engineer.										
2.4.1	- 25 mm dia.										
	Between pump to water tank										1
										Total	1.00 Nos
2.5	LEADER brand or equivalent Gun-Metal Float Valve as per approved shop drawing and as instructed by the Engineer.										
2.5.1	- 25 mm dia.										

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

Project Name: ITALITAR RESIDENCE  
Location: Province No 3, Kathmandu, Nepal  
Contract ID/RFP No.:

**Detail Measurement Sheet of Sanitary**

1	2	3	4	5	6	7	8	9	10	11		
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92		
S.N.	Description of work				Unit	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark	
	water tank									1		
									<b>Total</b>	<b>1.00</b>	<b>Nos</b>	
2.6	Providing and fixing PTMT angle stop cock 15 mm nominal bore, weighing not less than 85 gms											
	one toilet											
	wash basing hot + cold					2.00				2.00		
	W/C cistern					1.00				1.00		
	Spray set					1.00				1.00		
	total toilet				10					40.00		
									<b>Total</b>	<b>40.00</b>	<b>Nos</b>	
2.7	Providing and fixing PTMT pillar cock of approved quality and colour. 15 mm nominal bore, 125 mm long foam flow, weighing not less than 120 gms				Nos							
	not use pillar cock use basin and sink mixer									0		
2.8	Providing and fixing PTMT bib cock of approved quality and colour. 15 mm nominal bore, 90 mm long, weighing not less than 93 gms				Nos							
	all toilet + laundry									11.00		
									<b>Total</b>	<b>11.00</b>	<b>Nos</b>	
2.9	Providing and fixing PTMT stop cock of approved quality and colour. Concealed stop cock, 15 mm nominal bore, 108 mm long, weighing not less than 108 gms				Nos							
	2 in 1 wall mixer									0.00		
									<b>Total</b>	<b>0.00</b>	<b>Nos</b>	
2.10	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet : 150 mm diameter				Nos							
	all toilet									10.00		
									<b>Total</b>	<b>10.00</b>	<b>Nos</b>	
2.11	Providing and fixing unplasticised PVC connection pipe with brass unions :45 cm length 20 mm nominal bore.				Nos							
	All sink									10.00		
									<b>Total</b>	<b>10.00</b>	<b>Nos</b>	
2.12	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.				Nos							
	all toilet									10.00		
									<b>Total</b>	<b>10.00</b>	<b>Nos</b>	
2.13	Providing and fixing CP Brass wall mixer 2 in 1 of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia											
	all toilet									10.00		
									<b>Total</b>	<b>10.00</b>	<b>Nos</b>	
2.14	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer & sink mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required.- White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer				Nos							
	all toilet + kitchen									12.00		
									<b>Total</b>	<b>12.00</b>	<b>Nos</b>	
2.15	Providing and fixing PTMT Bottle Trap for Wash basin and sink Bottle trap 31mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms				Nos							
	all toilet + kitchen									12.00		
									<b>Total</b>	<b>12.00</b>	<b>Nos</b>	
2.16	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. Waste coupling 38 mm dia of 83 mm length and 77mm breadth, weighing not less than 60 gms				Nos							
	all toilet + kitchen									12.00		
									<b>Total</b>	<b>12.00</b>	<b>Nos</b>	
2.17	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 40 mm dia				Nos							
	all toilet + kitchen									12.00		
									<b>Total</b>	<b>12.00</b>	<b>Nos</b>	
2.18	5000 lit capacity PVC/HDPE water tank HiTake or equivalent including fixing extension nipple for water tank nipple, fittings of approved quality and colour.				Nos	1.00						
2.19	Pedrollo or Grundfos or equivalent Electric centrifugal Water Pump of capacity 60 lpm @ 21 m head (approx. 1.0 HP Motor) complete with electrical cables, control switch, testing and ready for operation.				Nos	1.00						
2.20	Providing & Fixing water meter and stop cock in G.I. pipe line including cost of water meter, stop cock, tail pieces, cutting and threading the pipe and making long screws etc. enclosed type water meter (bulk type) conforming to IS : 2373 and tested by Municipal Board complete with bolts, nuts, rubber insertions etc. complete.				Nos	1.00						
<b>3.0 Sewer, Waste &amp; Rain Water Drainage Installation</b>												
3.1	Astral / Ashirbad / Marvel or approved brand UPVC SWR pipes including cutting, jointing, sealing with rubber washer and solvent cement and for complete installation, UPVC clamps, nails and hooks. Installation of pipes and specials including Fitting (Reducer, Bends Elbow, Y, T, Door Bend) making holes on walls or floor and repairing the same to its original finish, excavation and backfill (compaction as per civil works specifications) in any type of soil. Pipes to be installed on trenches or walls or floor or hung to ceilings as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. Cutting chases in brick masonry walls for following diameter 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) The rate shall include for all labour and materials required. The measurement shall be done for running metre including fittings etc. (Steel Split Clamp with washer all complete)											
3.1.1	- 160 mm SN-4				Rm		chamber to septic and					
	When two Main Hole Connected											
	when one pipe for rain water or area of floor more											
3.1.2	- 110 mm SN-4				Rm		floor to chamber soil & rain water					
	<b>A- Main hole to Septic tank &amp; Recharge well</b>											
	Shaft Along long side bulding											
	SMH to septic Tank				1.00	76.00				76.00		
	WMH to Septic Tank				1.00	76.00				76.00		
	RMH to Recharge well				1.00	76.00				76.00		
	Septic tank to Soak pit				1.00	10.00				10.00		
	Shaft Along Short side bulding											
	SMH to septic Tank				1.00	12.00				12.00		

**ITALITAR RESIDENCE**  
Province No 3, Kathmandu, Nepal

Project Name: ITALITAR RESIDENCE  
Location: Province No 3, Kathmandu, Nepal  
Contract ID/RFP No.:

**Detail Measurement Sheet of Sanitary**

1	2	3	4	5	6	7	8	9	10	11	
0.08	0.17	0.25	0.3	0.42	0.50	0.58	0.67	0.75	0.83	0.92	
S.N.	Description of work				Unit	No's	Length (ft.)	Breadth (ft.)	Height (ft.)	Quantity	Unit/Remark
	WMH to Septic Tank				1.00	12.00				12.00	
	RMH to Recharge well				1.00	12.00				12.00	
	<b>B- Floor (Toilet) to Main hole</b>										
	<b>Soil pipe + vent</b>										
	Vertical Shaft 1 & 2 + vent 2m above buiding				2.00	48.00				96.00	
	Horizontal floor toilet to vertical shaft										
	floor toilet to shaft										
	Ground Floor										
	toilet1 (add 2 ft W/c)				1.00	38.00				38.00	
	toilet 2 &3				1.00	33.00				33.00	
	Guard room toilet 4				1.00	12.00				12.00	
	First Floor										
	toilet1				1.00	38.00				38.00	
	toilet 2				1.00	33.00				33.00	
	toilet 3				1.00	27.00				27.00	
	Second Floor										
	toilet1				1.00	12.00				12.00	
	toilet 2				1.00	12.00				12.00	
	toilet 3				1.00	14.00				14.00	
	Rain water pipe vertical + 2 feet horizontal for 2 shaft				2.00	44.00				88.00	
	10% extra									677.00	
										135.40	
										SubTotal 3	812.40
										SubTotal 3	75.47
3.1.3	- 75 mm SN-4				Nos						
	<b>B- Floor (Toilet/ Kitchen) to Main hole</b>										
	Waste Pipe +vent										
	Vertical Shaft 1 & 2 + vent 2m above buiding				2.00	48.00				96.00	
	Horizontal floor toilet to vertical shaft										
	floor toilet to shaft										
	Ground Floor										
	toilet1 (add 2 ft W/c)				1.00	38.00				38.00	
	toilet 2 &3				1.00	33.00				33.00	
	Guard room toilet 4				1.00	12.00				12.00	
	Kitchen				1.00	21.00				21.00	
	First Floor										
	toilet1				1.00	38.00				38.00	
	toilet 2				1.00	33.00				33.00	
	toilet 3				1.00	27.00				27.00	
	Second Floor										
	toilet1				1.00	12.00				12.00	
	toilet 2				1.00	12.00				12.00	
	toilet 3				1.00	14.00				14.00	
	kitchen				1.00	14.00				14.00	
	10% extra									350.00	
										35.00	
										SubTotal 3	385.00
										SubTotal 3	35.77
	Note : Vent Pipe top floor toilet to 2 meter above bulding 50mm when residence<20m										
3.2	75 mm UPVC Cowl Vent				Nos	4.00					
	Soil and Vent 2 nos shaft										
3.3	PVC Floor Trap 11x7.5cm (4" X 2½")				Nos	22.00					
	10 toilet 10x2(nahni + wasbasin) + 2 kitchen										
3.4	PVC Multi Floor Trap 11x7.5cm (4" X 2½")				Nos	4.00					
	at kitchen + toilet junction each floor										
3.5	Providing and fixing 100 mm S.S grating for gully trap.				Nos	22.00					
	same number of gully trap										
3.6	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard desien.				Nos	6.00					
	ground lvl periphery of bulding 2 nos shaft bulding long side and short side										
	SWM										
	WMH										
	RHM										
3.7	Constructing brick masonry chamber for underground C.I. inspection chamber and bends with With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in cement mortar 1:4 (1 cement : 4 coarse sand) C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg), R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand), finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard desien.										
3.7.1	Inside dimensions 455x610 mm and 45 cm deep for single pipe line :				Nos	3.00					
	At near Septic Tank										
	SWM					1					
	WMH					1					
	RHM					1					
*****END*****											

ELECTRICAL WORK				
S.N.	Description of work	Unit	No's	Remarks
<b>A</b>	<b>Electrical Appliances</b>			
1	Supply, Installation, Testing & Commissioning of ceiling mounted Square type 6W LED panel light, Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set		Lights
	Ground		10	
	First		10	
	Second		12	
	Top		5	
		<b>Total</b>	<b>37.00</b>	
2	Supply, Installation, Testing & Commissioning of ceiling mounted Square type 18W LED panel light, Philips, wipro, Crompton, HPL or equivalent, with screws, gripes, pvc tape, box etc all complete.	Set		
	Ground		9	
	First		8	
	Second		6	
	Top		0	
		<b>Total</b>	<b>23.00</b>	
3	Supply, Installation, Testing & Commissioning of 48" Ceiling Fan Bajaj or eqv. with all necessary accessories: screws, gripes, box etc all complete.	Set		Fan
	Ground		3	
	First		4	
	Second		3	
	Top		0	
		<b>Total</b>	<b>10.00</b>	
4	Supply, Installation, Testing & Commissioning of 16" Wall Fan Bajaj or eqv. with all necessary accessories: screws, gripes, box etc all complete.	Set		
	Ground		1	
	First		0	
	Second		1	
	Top		0	
		<b>Total</b>	<b>2.00</b>	
5	Supply, Installation, Testing & Commissioning of 12" Exhaust Fan Bajaj or eqv. with all necessary accessories: screws, gripes, box etc all complete.	Set		
	Ground		4	
	First		3	
	Second		3	
	Top		0	
		<b>Total</b>	<b>10.00</b>	
<b>B</b>	<b>Wiring &amp; Switch BOX</b>			
1	Wiring for independent Switch light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.	Points		
	<b>Ground SB to Light/Fan</b>			
	Living Area= ceiling 4concealed + 1 fan, wall 3 tube		8	
	Bedroom + toilet --Series 1fan + 3 wall tube + 2wall toilet + 1 exhausted		7	
	Bedroom + toilet --Series 1fan + 3 wall tube + 2wall toilet + 1 exhausted +		7	

ELECTRICAL WORK				
S.N.	Description of work	Unit	No's	Remarks
	Kitchen +Dining = 2 wall lighth + 1 exhausted + 1 wallmount fan+ 2wall dining		6	
	Store + Utility 4nos 2 wall light + 2fan center		6	
	Staircase + foyer 2 wall bulb		2	
	Guard Room 3 wall + 1 center fan		4	
	Power Socket = 2Bed + 1living + 2 toilet + kit.+ pump + guard room--Series		0	
	Main door bell		3	
	<b>First SB to Light/Fan</b>			
	Living Area		8	
	Bedroom + toilet + --Series		7	
	Bedroom + toilet + --Series		7	
	Study + Store+ stairs +foyer-Series 2lig +1 fan + 2wall lig+ stairs1 + 1foyer		7	
	Common toilet 2 wall light + 1 exhausted		3	
	Power Socket = 2Bed + 1living + 3 toilet +--Series		0	
	<b>Second SB to Light/Fan</b>			
	Family Area+ - --Series		7	
	Guest room + toilet + --Series		7	
	Bedroom + toilet +-Series		7	
	Toilet + Store + Stairs +foyer -Series 2wall+ 1 exhau.+ 2 wall+1 stairs +1 foyer		7	
	Pooja+ openspace pooja 2wall + 1 baloc		3	
	Kitchen 3wall + I fan +1 exhause		5	
	Power Socket = 2Bed + 1living + 3 toilet + kit. --Series		0	
	<b>Top SB to Light/Fan</b>			
	Laundry +foyer+ stairs +Terrace series 2wall + 1 stairss + 1 foyer + 2 terrace		6	
	power socket		0	
		<b>Total</b>	<b>117.00</b>	
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVCinsulated copper conducto	Points		
	First stair case bottom & top		2	
	Second Staircase		2	
	third		2	
		<b>Total</b>	<b>6.00</b>	