

ESTIMATE OF PROPOSED
RESIDENTIAL APARTMENT
FOR
STILT TO FIFTH FLOOR

OF

OVER PLOT NO-410, KHATA NO-459,
MOUZA-BHUBANESWAR SAHAR, UNIT NO 31, LAXMISAGAR-2,
TAHASIL-BHUBANESWAR, P.S. - LAXMISAGAR,
DIST- KHURDA, ODISHA

(RUPEES SEVEN CRORE FIFTY LAKH ONE THOUSAND EIGHT
HUNDRED ONLY



P DAS & ASSOCIATES

65-DISTRICT CENTRE, CHANDRASEKHARPUR, BHUBANESWAR



For Utkal Builders Limited

Sharad
Managing Director

**ESTIMATE FOR CONSTRUCTION RESIDENTIAL APARTMENT FOR OVER PLOT NO-
410, KHATA NO-459,
MOUZA-BHUBANESWAR SAHAR, UNIT NO 31, LAXMISAGAR-2,
TAHASIL-BHUBANESWAR, P.S. - LAXMISAGAR,
DIST- KHURDA, ODISHA**

Sl. No.	Item Description	Qty	Unit	Rate	Amount
A	STILLT FLOOR				
1	Earth work in excavation in all type of soil , morrum, hard, compacted or soft rock, mica schist quartz etc. in foundation of structure, sewer line, drain pits, etc. to required level and grade and dressing complete as per the specification and direction of the engineers in both dry and wet condition including necessary pumping, bailing out of water, slush removal etc. and transporting the excavated material to soil dump /fill, area/ excavated pit with a lead of 200mtr. at all heights and descent including dozing leveling at site of filling all as directed by the engineer, all tools,plants, and labour complete, Authorised working space benching and sick slope for the excavation will be measured and paid under this items upto 1.5 mtr depth below finished Ground Level.	880	Cum	410.00	3,60,800.00
2	Back filling in all positions and height and descent in foundation pits, pipe trench sewer line around foundation and structure in plinth etc. with approved excavated material obtained from a lead of 200mtr including reclaiming from spoils heaps at all height or reclaiming from dumps at all depth cost includes transporting, depositing, filling, in layers of 200mm thick dressing watering and ramming complete with tools , plant & labour.	900	Cum	220.00	1,98,000.00
3	Plinth filling in layers of 150mm thick good quality river sand including watering and consolidating by mechanical means as per direction of Engineer.	420	Cum	550.00	2,31,000.00



Sl. No.	Item Description	Qty	Unit	Rate	Amount
4	Concrete work :- Supplying, laying and compacting plain cement concrete of following graded aggregate in all foundation, floor, roof screening etc. and at all heights and depth above and below finished ground level to required levels slope etc. including curing but excluding the cost of shuttering all as per drawing and direction of engineer, with all material, tools plant and labour.				
	1:4:8 with 40mm down graded aggregate.	165	Cum	4,450.00	7,34,250.00
5	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering, finishing and reinforcement including Admixtures in recommended proportions. (as per IS 9103) to accelerate, retard setting of concrete improve workability without imparing strength and durability as per direction of Engineer-in-charge- M-20 grade reinforced cement concrete				
a)	Column Footing, lift base & lift wall	160	Cum	5,500.00	8,80,000.00
b)	Plinth beam	25	Cum	5,500.00	1,37,500.00
c)	Column	30	Cum	5,500.00	1,65,000.00
d)	Roof Beam	30	Cum	5,500.00	1,65,000.00
e)	Roof slab/Landings	45	Cum	5,500.00	2,47,500.00
f)	Lintel/Chajja/ Kitchen platform/ Loft/cupboard slab/Fin	6	Cum	5,500.00	33,000.00
g)	Stair	8	Cum	5,500.00	44,000.00



Sl. No.	Item Description	Qty	Unit	Rate	Amount
6	Form work:- Supplying and fixing ply and or steel shuttering for all type of RCC work at any location in provision, with necessary centering, bracing proofing staging (if required) etc. and striking including curved shuttering fine and facia for all plain & reinforced cement concrete works including all chamfer splays, filler keys, wedges proof, mails bracing bracket, cutting holes for embedement etc. and applying waste oil on shuttering surface in contact with concrete all as per drg. and direction of engineer all tools plant and labour complete rate including providing and laying plastic sheet to make water tight shuttering and removing the same. for all type of RCC work.				
a)	Column Footing	555	Sqm	350.00	1,94,250.00
b)	Plinth beam	525	Sqm	450.00	2,36,250.00
c)	Column	448	Sqm	450.00	2,01,600.00
d)	Roof Beam	540	Sqm	450.00	2,43,000.00
e)	Roof slab	735	Sqm	450.00	3,30,750.00
f)	Chajja/ Kitchen platform/ Loft/cupboard slab/Fin	18	Sqm	400.00	7,200.00
g)	Stair	35	Sqm	450.00	15,750.00
h)	Lift wall	85	Sqm	450.00	38,250.00
7	Supplying , loading , unloading transporting , straightening, decoiling, cutting, bending, cranking, tack welding as necessary placing and fixing in position steel reinforcement including angle /pins provided for approved welded joints at all level above and below finished G.L. for RCC and precast RCC work including supplying approved 20 SW annealed black binding wire, covel block etc. including all as per drg. and direction of engineer all material,tools plants and labour complete.High yield strength deformed bars of Grade Fe 500 of all diameters of cold twisted steel / TMT of TATA/ SAIL.				
		31	MT	85,000.00	26,35,000.00

For Utkal Builders Limited

Shreed 3
Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
8	Masonry work:- Supplying and construction brick work at any location using best quality locally available bricks of compressive strength not less than 75 Kgf/ sqcm as defined in IS 1077 in cement sand mortar (1:6) in foundation, superstructure , main hole duct drain etc. including fiar cutting, wastage, bounding, plumbing line level, flushing , racking joint, scaffolding and curing all as per drg. and as per direction of the engineer with, all material tools plant, labour complete.				
a)	Foundation / Plinth	22	Cum	4,300.00	94,600.00
b)	Superstructure	87	Cum	4,500.00	3,91,500.00
9	Brick work at any location in 1:4 cement mortar in thin wall with locally available bricks of compressive strength not less than 75 Kgf/ sqcm as defined in IS 1077 at any location including supplying and placing GI hexagonal wire mesh of 12mm x 22 gauge at every fourth layer.				
		61	Sqm	550.00	33,550.00

For Utkal Builders Limited

Shanod v 3a
Managing Director



Sl. No.	Item Description	Qty	Unit	Rate	Amount
10	<p>Providing and injecting Chemical emulsion chloropyriphos 20% E.C. for pre- constructional anti- termite treatment and creating chemical barriers as per I.S. 6313 Part-C (of latest edition) in wall trenches, foundation, top surface of plinth, filling, junction of walls and floors along the external perimeter of the building, surrounding of pipes etc. complete. The work shall be execute through approved agency/agencies and with guarantee of 10 years. The rate shall be as per plinth area including as directed below.</p> <p>a) Using Chemical Emulsion @ 7.5 Ltr/sqm for</p> <p>i. Back filling immediate contact with masonry foundation.</p> <p>ii. Junction of walls and floors.</p> <p>iii External perimeter of building</p> <p>b) Using Chemical Emulsion @ 5.0 Ltr/sqm</p> <p>i. Bottom of side trenches.</p> <p>ii. Top surface plinth filling.</p>	908	Sqm	450.00	4,08,600.00
18	<p>Inside plaster:- Providing 20mm thick cement plaster at any location in cement sand mortar proporation (1 cement: 6 coarse sand) after racking out of joints, roughening the concrete surface, filling porturated surface, fixing wiremesh 200mm wide in case of concrete & brick work joints such that half on each surace fixed by help of nails cost includes of all materials, labour, lead, royalty, T & P, scaffolding, curing etc. complete in all respect as per the direction of Engineer.</p>	272	Sqm.	525.00	1,42,800.00

For Utkal Builders Limited

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Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
19	Providing 12mm thick plaster at any location cement plaster in cement sand mortar in proportion (1 cement : 4 fine sand) to ceiling of roof, beams, columns , chajja, soffit of stair case etc. after roughening the surface by proper chisseling ,surface preparation, filling porturated surface etc. cost includes of all materials, labour,lead, royalty, T & P,scaffolding, curing etc. complete in all respect as per the direction of Engineer .	205	Sqm.	310.00	63,550.00
20	External plaster:- Cement plaster in two coats-18mm CP in two coats under layer 12mm CP 1:5 (1 cement: 5 coarse sand) & top layer 6mm thick CP (1:3) (1cement : 3 coarse sand) at any location finished rough with sponge after racking out joints, roughening the concrete surface, filling porturated surface,fixing wiremesh 200mm wide in case of concrete & brick work joints such that half on each surace fixed by help of nails cost includes of all materials, labour,lead, royalty, T & P, scaffolding, curing, etc. complete in all respect as per the direction of Engineer .	305	Sqm.	270.00	82,350.00
21	Painting two and more coats at any location with Acrylic distemper of Asian/ Nerolac ,approved shade to get an even shade over plastered wall & ceilings over one coat of primer as per manufacturers specification at any location cost includes all material ,repairing cracks, scaffolding , lead,T&P etc. complete in all respect as per the direction of the Engineer . at all heights & any location, over old/ new work	1418	Sqm	80.00	1,13,440.00

For Utkal Builders Limited

Shanoo B
Managing Director



Sl. No.	Item Description	Qty	Unit	Rate	Amount
23	Finishing walls with textured exterior paint of required shade :- New work (two or more coats applied @ 3.28ltr/10sqm) over and including base coat of water proofing cement paint applied & 2.20kg/10sqm , at any location (as per manufacturer's specification) to give an even shade over plastered wall cost includes all material ,repairing cracks, scaffolding, lead, T&P, labour, curing etc., complete in all respect as per the direction of the Engineer.	215	Sqm	210.00	45,150.00
24	Providing & fixing in position at any location 35 mm thick ISI marked factory made solid core block board flush door conforming to IS:2202, Part 1 hot pressed shutter of Greenply Industries Ltd./Aeon both side teak with well matched teak 3 ply veneering with certical grains / cross bands and face veneers on both faces of shutter of approved make & quality bounded with phenol formal dehyde synthetic resin, leaping around complete as specified with lamination of 1 mm thick of approved shade /make	9	Sqm.	4,500.00	40,500.00
26	Providing & fixing in position at any location well dressed naturally well seasoned sal wood of finished cross section (65mm x 125mm), rebated frame to door including 2 coats of hot bitumen applied to rear of frame in contact of masonry / concrete surface complete in all respects cost includes of MS holdfast 250mm long, making holes 150mm x150mm, x150mm & filling with cement concrete (1:2:4) all materials, labour,lead, royalty,T & P etc. complete in all respect as per the direction of Engineer.	7.00	Cum	60,000.00	4,20,000.00

For Utkal Builders Limited

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Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
27	Providing & fixing fully Glazed Window shutter/ ventilators made of anodised aluminium section & 5.5 mm thick glass as glazing as per detailed drawing & design , fixtures of approved make & quality including cost of all materials, all its fixtures labour, T & P , lead, tax etc. complete in all respects as per the direction of the Engineer-in-charge.	8	Sqm	3,200.00	25,600.00
28	Supplying & fixing M.S. grills at any location made of M.S. flat of size 25x 6mm , 20mm x 5mm & 16mm/ 12mm / 8mm square bar as per detailed drawing & design cleaning with sand paper the iron bubbles with painting two coats of synthetic enamel paint over two coats of zinc chromate / metal primer (approved make and shade) complete in all respects with all labour, material, fabrication charge, lead etc. as per direction of Engineer.	16	Sqm	3,750.00	60,000.00
29	Supplying, fitting and fixing of Stainless steel of 316 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.	12	Mtr.	650.00	7,800.00
30	Providing & Fixing Chequered tile (parking area) over base cement mortar 20mm thick 1:4 complete.	410	Sqm	750.00	3,07,500.00
	TOTAL				93,35,040.00
B	TYPICAL FLOOR (1st, 2nd, 3rd, 4th & 5th floor)				

For Utkal Builders Limited

Shardha B

Managing Director



Sl. No.	Item Description	Qty	Unit	Rate	Amount
1	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering, finishing and reinforcement including Admixtures in recommended proportions. (as per IS 9103) to accelerate, retard setting of concrete improve workability without impairing strength and durability as per direction of Engineer-in-charge- M-20 grade reinforced cement concrete				
a)	Column	30	Cum	5,500.00	1,65,000.00
b)	Roof Beam	30	Cum	5,500.00	1,65,000.00
c)	Roof slab	45	Cum	5,500.00	2,47,500.00
d)	Lintel/Chajja/ Kitchen platform/ Loft/cupboard slab/Fin	6	Cum	5,500.00	33,000.00
e)	Stair	8	Cum	5,500.00	44,000.00
2	Form work:- Supplying and fixing ply and or steel shuttering for all type of RCC work at any location in provision with necessary centering, bracing proofing staging (if required) etc. and striking including curved shuttering fine and facia for all plain & reinforced cement concrete works including all chamfer splays, filler keys, wedges proof, mails bracing bracket, cutting holes for embedment etc. and applying waste oil on shuttering surface in contact with concrete all as per drg. and direction of engineer all tools plant and labour complete rate including providing and laying plastic sheet to make water tight shuttering and removing the same. for all type of RCC work.				
a)	Column	625	Sqm	450.00	2,81,250.00
b)	Roof Beam	703	Sqm	450.00	3,16,350.00
c)	Roof slab	970	Sqm	450.00	4,36,500.00
d)	Lintel/Chajja/ Kitchen platform/ Loft/cupboard slab/Fin	480	Sqm	400.00	1,92,000.00
e)	Stair	66	Sqm	450.00	29,700.00

For Utkal Builders Limited

Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
3	Supplying , loading , unloading transporting , straightening, decoiling, cutting, bending, cranking, tack welding as necessary placing and fixing in position steel reinforcement including angle /pins provided for approved welded joints at all level above and below finished G.L. for RCC and precast RCC work including supplying approved 20 SW annealed black binding wire, cover block etc. including all as per drg. and direction of engineer all material, tools plants and labour complete. High yield strength deformed bars of Grade Fe 500 of all diameters of cold twisted steel / TMT of TATA/ SAIL.	22	MT	85,000.00	18,70,000.00
4	Masonry work:- Supplying and construction brick work at any location using best quality locally available bricks of compressive strength not less than 75 Kgf/ sqcm as defined in IS 1077 in cement sand mortar (1:6) in foundation, superstructure , main hole duct drain etc. including fiar cutting, wastage, bounding, plumbing line level, flushing , racking joint, scaffolding and curing all as per drg. and as per direction of the engineer with, all material tools plant, labour complete.				
a)	Superstructure	210	Cum	4,800.00	10,08,000.00
5	Brick work at any location in 1:4 cement mortar in thin wall with locally available bricks of compressive strength not less than 75 Kgf/ sqcm as defined in IS 1077 at any location including supplying and placing GI hexagonal wire mesh of 12mm x 22 gauge at every fourth layer.	285	Sqm	650.00	1,85,250.00

For Utkal Builders Limited

Shardul Chandra
Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
6	Supplying, laying and fixing anti-skid tiles (Somany/Johnson/ Kajaria/Naveen) in toilet floors at all heights of (496mm x 496mm) size approved make to floor surface conforming to drawings and designs, set in 20mm thick cement mortar of proportion 1:4 to proper line and plumb including cutting to required size and shape and fixing at corners etc. and the joints are to be properly finished with white cement with required pigment and curing complete with cost of all labour, materials, taxes, T&P, conveyance etc. as directed by the Engineer.	32	Sqm.	700.00	22,400.00
7	Providing and laying 10mm thick vitrified tile of Nitco/Euro/Bell/ Naveen make & approved shade /colour using complete as per the direction of Engineer in charge, in dado /skirting on 20mm thick cement mortar 1:4 complete in all respects , cost includes all material, labour, tax, lead, cutting,wastage , T&P etc.	405.00	Sqm.	1,200.00	4,86,000.00
8	Providing & fixing ceramic glazed tile of Kajaria/somany/ Naveen make , confirming to IS :15622 of approved shade & quality to dado at all heights over a base course of 12mm thick cement mortar (1cement : 3 coarse sand) / as per manufactures specification with white cement grouting with mixed matched pigment of approved manufacture etc. as specified & directed laid to required slope, cutting in required size to corners cost includes all labours, materials, T & P, lead, royalty, tax, curing etc. complete in all respects as per direction of Engineer	270	Sqm.	1,200.00	3,24,000.00
9	Providing 18mm thick Marble stone flooring over 20mm thick cement mortar 1:4 including polishing to get an even shade complete in all respects.	63	Sqm.	1,800.00	1,13,400.00

For Utkal Builders Limited

Shashidhar
Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
10	Extra for providing edge moulding to 18mm thick marble stone/ granite counters, Vanities etc including machine polishing to edge to give high gloss finish etc. complete as per design approved by the engineer in charge.	55	Mtr	280.00	15,400.00
11	Inside plaster:- Providing 20mm thick cement plaster at any location in cement sand mortar proportion (1 cement: 6 coarse sand) after racking out of joints, roughening the concrete surface, filling porturated surface, fixing wiremesh 200mm wide in case of concrete & brick work joints such that half on each surace fixed by help of nails cost includes of all materials, labour, lead, royalty, T & P, scaffolding, curing etc. complete in all respect as per the direction of Engineer.	1800	Sqm.	225.00	4,05,000.00
12	Providing 12mm thick plaster at any location cement plaster in cement sand mortar in proportion (1 cement : 4 fine sand) to ceiling of roof, beams, columns , chajja, soffit of stair case etc. after roughening the surface by proper chisseling , surface preparation, filling porturated surface etc. cost includes of all materials, labour, lead, royalty, T & P, scaffolding, curing etc. complete in all respect as per the direction of Engineer .	790	Sqm.	310.00	2,44,900.00

For Utkal Builders:

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Managing Director

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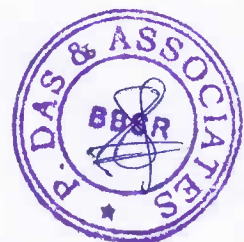


Sl. No.	Item Description	Qty	Unit	Rate	Amount
13	External plaster:- Cement plaster in two coats-18mm CP in two coats under layer 12mm CP 1:5 (1 cement: 5 coarse sand) & top layer 6mm thick CP (1:3) (1cement : 3 coarse sand) at any location finished rough with sponge after racking out joints, roughening the concrete surface, filling porturated surface,fixing wiremesh 200mm wide in case of concrete & brick work joints such that half on each surace fixed by help of nails cost includes of all materials, labour,lead, royalty, T & P, scaffolding, curing, etc. complete in all respect as per the direction of Engineer .	645	Sqm.	270.00	1,74,150.00
14	Painting two and more coats at any location with Acrylic distemper of Asian/ Nerolac ,approved shade to get an even shade over plastered wall & ceilings over one coat of primer as per manufacturers specification at any location cost includes all material ,repairing cracks, scaffolding , lead,T&P etc. complete in all respect as per the direction of the Engineer . at all heights & any location, over old/ new work	2590	Sqm	115.00	2,97,850.00
15	Providing and applying acrylic wall putty (Birla/ Laticreate/ JK) (synthetic) - water based of Birla white or Nerolac make at any location over plastered surface to prepare the surface even and smooth complete including scaffolding, material, labour, tools plants, labour complete in all respects. at all heights. over old / new work	3150	Sqm	305.00	9,60,750.00

For Utkal Builders Limited

Shard 3
Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
16	Finishing walls with textured exterior paint of required shade :- New work (two or more coats applied @ 3.28ltr/10sqm) over and including base coat of water proofing cement paint applied & 2.20kg/10sqm , at any location (as per manufacturer's specification) to give an even shade over plastered wall cost includes all material ,repairing cracks, scaffolding, lead, T&P, labour, curing; etc., complete in all respect as per the direction of the Engineer.	645	Sqm	550.00	3,54,750.00
17	Providing & fixing in position at any location 35 mm thick ISI marked factory made solid core block board flush door confirming to IS:2202, Part-1 hot pressed shutter of Greenply Industries Ltd./Aeon both side teak with well matched teak 3 ply veneering with certical grains / cross bands and face veneers on both faces of shutter of approved make & quality bounded with phenol formal dehyde synthetic resin, leaping around complete as specified with lamination of 1 mm thick of approved shade /make	192	Sqm.	4,200.00	8,06,400.00
18	Providing & fixing in position at any location well dressed naturally well seasoned sal wood of finished cross section (65mm x 125mm), rebated frame to door including 2 coats of hot bitumen applied to rear of frame in contact of masonry / concrete surface complete in all respects cost includes of MS holdfast 250mm long, making holes 150mm x150mm x150mm & filling with cement concrete (1:2:4) all materials, labour,lead, royalty,T & P etc. complete in all respect as per the direction of Engineer.	9.00	Cum	60,000.00	5,40,000.00

For Utkal Builders Ltd.,

Shard 3
Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
19	Providing, fitting and fixing fully glazed aluminium sliding windows (2 track), made out of extruded aluminium with necessary fittings, fixtures and hardwares like concealed locks , aluminium handles, etc., glazed with 4mm thick frosted glass free from bubbles, holes or any surface deformation, as per the drawing and design, and fixed to the walls or columns with lugs in cement concrete 1:1.5:3 cutting holes and mending good to all damages, including filling gaps if any, between the frames walls/ columns, with appropriate sealant, including cost of all materials, labour, conveyance, taxes, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer-in-charge.	48	Sqm	4,500.00	2,16,000.00
20	Supplying & fixing M.S. grills at any location made of M.S. flat of size 25x 6mm , 20mm x 5mm & 16mm/ 12mm / 8mm square bar as per detailed drawing & design cleaning with sand paper the iron bubbles with painting two coats of synthetic enamel paint over two coats of zinc chromate / metal primer (approved make and shade) complete in all respects with all labour, material, fabrication charge, lead etc. as per direction of Engineer.	235	Sqm	2,150.00	5,05,250.00
21	Supplying, fitting and fixing of Stainless steel of 316 grade in hand railing using 50mm dia of 2mm thick circular pipe with Balustrade of size 32mm x 32mm x 2mm @ 0.90mtr. C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm in 3 rows in stair case as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T&P etc. required for the complete in all respect.	28	Mtr.	4,200.00	1,17,600.00

for Utkal Builders Limited

Shardul
Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
	TOTAL				1,05,57,400.00
C	HEAD ROOM , LIFT ROOM & PARAPET WALL				
1	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centring, shuttering, finishing and reinforcement including Admixtures in recommended proportions. (as per IS 9103) to accelerate, retard setting of concrete improve workability without imparing strength and durability as per direction of Engineer-in -charge- M-20 grade reinforced cement concrete				
a)	Column	61	Cum	5,700.00	3,47,700.00
b)	Roof Beam	60	Cum	5,700.00	3,42,000.00
c)	Roof slab	74	Cum	5,700.00	4,21,800.00
d)	Chajja	16	Cum	5,700.00	91,200.00
2	Form work:- Supplying and fixing ply and or steel shuttering for all type of RCC work at any location in provision with necessary centering, bracing proofing staging (if required) etc. and striking including curved shuttering fine and facia for all plain & reinforced cement concrete works including all chamfer splays, filler keys, wedges proof, mails bracing bracket, cutting holes for embedment etc. and applying waste oil on shuttering surface in contact with concrete all as per drg. and direction of engineer all tools plant and labour complete rate including providing and laying plastic sheet to make water tight shuttering and removing the same. for all type of RCC work.				
a)	Column	304	Sqm	450.00	1,36,800.00
b)	Roof Beam	315	Sqm	450.00	1,41,750.00
c)	Roof slab	315	Sqm	450.00	1,41,750.00
d)	Chajja	38	Sqm	400.00	15,200.00

For Utkal Builders Limited

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Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
3	Supplying , loading , unloading, transporting , straightening, decoiling, cutting, bending, cranking, tack welding as necessary placing and fixing in position steel reinforcement including angle /pins provided for approved welded joints at all level above and below finished G.L. for RCC and precast RCC work including supplying approved 20 SW annealed black binding wire, cover block etc. including all as per drg. and direction of engineer all material, tools plants, and labour complete. High yield strength deformed bars of Grade Fe 500 of all diameters of cold twisted steel / TMT of TATA/ SAIL.	4	MT	85,000.00	3,40,000.00
4	Masonry work:- Supplying and construction brick work at any location using best quality locally available bricks of compressive strength not less than 75 Kgf/ sqcm as defined in IS 1077 in cement sand mortar (1:6) in foundation, superstructure , main hole duct drain etc. including fcar cutting, wastage, bounding, plumbing line level, flushing , racking joint, scaffolding and curing all as per drg. and as per direction of the engineer with, all material tools plant, labour complete.				
a)	Superstructure	22	Cum	4,500.00	99,000.00
5	Inside plaster:- Providing 20mm thick cement plaster at any location in cement sand mortar proporation (1 cement: 6 coarse sand) after racking out of joints, roughening the concrete surface, filling porturated surface, fixing wiremesh 200mm wide in case of concrete & brick work joints such that half on each surace fixed by help of nails cost includes of all materials, labour, lead, royalty, T & P, scaffolding, curing etc. complete in all respect as per the direction of Engineer.	225	Sqm.	255.00	57,375.00

For Utkal Builders Limited

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Managing Director

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
6	Providing 12mm thick plaster at any location cement plaster in cement sand mortar in proportion (1 cement : 4 fine sand) to ceiling of roof, beams, columns , chajja, soffit of stair case etc. after roughening the surface by proper chisseling ,surface preparation, filling porturated surface etc. cost includes of all materials, labour,lead, royalty, T & P,scaffolding, curing etc. complete in all respect as per the direction of Engineer .	120	Sqm.	230.00	27,600.00
7	External plaster:- Cement plaster in two coats-18mm CP in two coats under layer 12mm CP 1:5 (1 cement: 5 coarse sand) & top layer 6mm thick CP (1:3) (1cement : 3 coarse sand) at any location finished rough with sponge after racking out joints, roughening the concrete surface, filling porturated surface,fixing wiremesh 200mm wide in case of concrete & brick work joints such that half on each surace fixed by help of nails cost includes of all materials, labour,lead, royalty, T & P, scaffolding, curing, etc. complete in all respect as per the direction of Engineer .	335	Sqm.	190.00	63,650.00
8	Painting two and more coats at any location with Acrylic distemper of Asian/ Nerolac ,approved shade to get an even shade over plastered wall & ceilings over one coat of primer as per manufacturers specification at any location cost includes all material ,repairing cracks, scaffolding , lead,T&P etc. complete in all respect as per the direction of the Engineer . at all heights & any location, over old/ new work	49	Sqm	120.00	5,880.00

For Utkal Builders Limited

Shard 3
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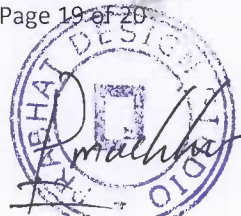


Sl. No.	Item Description	Qty	Unit	Rate	Amount
9	Providing and applying acrylic wall putty (Birla/ Laticreate/ JK) (synthetic) - water based of Birla white or Nerolac make at any location over plastered surface to prepare the surface even and smooth complete including scaffolding, material, labour, tools plants, labour complete in all respects. at all heights. over old / new work	145	Sqm	250.00	36,250.00
10	Finishing walls with textured exterior paint of required shade :- New work (two or more coats applied @ 3.28ltr/10sqm) over and including base coat of water proofing cement paint applied & 2.20kg/10sqm , at any location (as per manufacturer's specification) to give an even shade over plastered wall cost includes all material ,repairing cracks, scaffolding, lead, T&P, labour, curing etc., complete in all respect as per the direction of the Engineer.	115	Sqm	450.00	51,750.00
11	Supplying & fixing M.S. grided door at any location made of M.S. sheets of 4mm thick , flats of size 25x 6mm , 20mm x 5mm & 16mm/ 12mm / 8mm square bar as per detailed drawing & design cleaning with sand paper the iron bubbles with painting two coats of synthetic enamel paint over two coats of zinc chromate / metal primer (approved make and shade) complete in all respects with all labour, material ,fabrication charge, lead etc. as per direction of Engineer.	9	Sqm	4,250.00	38,250.00
TOTAL					23,57,955.00
D	WATER PROOFING				
1	Providing & Laying grading plaster (1 cement : 4 coarse sand) 15 mm thick in proper level , line at all heights & any location , curing ,all material, labour, scaffolding etc complete in all respects as per the direction of Engineer in charge,	350	Sqm	505.00	1,76,750.00
TOTAL					1,76,750.00

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Sl. No.	Item Description	Qty	Unit	Rate	Amount
A	STILT FLOOR				93,35,040.00
B	FIRST FLOOR				1,05,57,400.00
C	SECOND FLOOR				1,05,57,400.00
D	THIRD FLOOR				1,05,57,400.00
E	FOURTH FLOOR				1,05,57,400.00
F	FIFTH FLOOR				1,05,57,400.00
G	HEAD ROOM , LIFT ROOM & PARAPET WALL				23,57,955.00
H	WATER PROOFING				1,76,750.00
					6,46,56,745.00
I	PH, WATER SUPPLY & SANITATION 8%				51,72,539.60
J	INTERNAL WIRING & ELECTRIFICATION 8%				51,72,539.60
	TOTAL				7,50,01,824.20
	SAY				RS 7,50,01,800.00
(RUPEES SEVEN CRORE FIFTY LAKH ONE THOUSAND EIGHT HUNDRED ONLY)					
<p>Patitapaban Das STRUCTURAL ENGINEER <small>REG. No-RTWOTP (ST.ER)-031/2018</small></p> <p><i>Patitapaban Das</i></p> <p>PATITAPABAN DAS M. TECH. (STRUCTURAL ENGINEERING) P DAS & ASSOCIATES 65-DISTRICT CENTRE, CHANDRASEKHARPUR BHUBANESWAR, ODISHA</p>					

For Utkal Builders Limited
Shankar Das
Managing Director

