

PROPOSED RESIDENCE BUILDING OF
Mr. ASHOK KUMAR YADAV
S/O SHRI RAJDEV YADAV
SITUATED AT KHASRA NO.- 51
ALINAGAR SUNHARA,
DISTRICT - LUCKNOW (U.P.)

ABSTRACT OF COST			
S.No.	Particulars	Amount	Unit
1	2	3	4
1	BUILDING COST	74.77	Lacs
	Total-A	74.77	Lacs
2	Internal Electrification Installations (12.5% of A)	9.35	Lacs
3	Internal Water Supply & Sanitary Installations (8% of A)	5.98	Lacs
	GRAND TOTAL	90.10	Lacs

Ashok Kumar Yadav

CHANDRA BHUSAHN CHAUDHARY
(B.ARCH.)
CA/2012/55062

CBly

BILL OF QUANTITY

		PWD	BASED ON LUCKNOW S.O.R. 18.09.2020 & DSR 2019 (RATE WITHOUT G.S.T.)				
		DSR					
S.N.	SCH. P.W.D.	ITEM NO	DESCRIPTION OF ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
1	2.8.1	DSR	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	97.78	CUM.	156.00	15253.68
2	Chapte r 8, Item 1	SOR	Providing and laying Cement concrete 1:4:8 (1 cement : 4 coarse sand : 8 graded stone ballast 40 mm. nominal size) including supply of all materials, labour and T&P etc. required for proper completion of the work and curing complete, also including cost of formwork in foundation.	19.06	CUM.	6099.00	116246.94
3	Chapte r 8, Item 16	SOR	R.C.C. work with cement approved coarse sand and 2cm Gauge approved stone ballast in the proportion of 1:1.5:3 in RCC raft foundation and footing, excluding its fixing and binding wire and including necessary centering and shuttering etc and also including S/o all materials required for proper completion of the work. Binding wire to be supplied by the contractor free of cost.	25.50	CUM.	7664.00	195432.00
4	Chapte r 8, Item 16	SOR	R.C.C. work with cement approved coarse sand and 2cm Gauge approved stone ballast in the proportion of 1:1.5:3, excluding its fixing and binding wire and including necessary centering and shuttering etc and also including S/o all materials required for proper completion of the work. Binding wire to be supplied by the contractor free of cost. But in ninth beams in	13.16	CUM.	7664.00	100858.24

Ashok Kumar Yadava

CHANDRA BHUSAHN CHAUDHARY
(B.ARCH.)
CA/2012/55062

Chy

S.N.	SCH. P.W.D.	ITEM NO	DESCRIPTION OF ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
5	Chapter 8, Item 2	SOR	R.C.C. work with cement approved coarse sand and 2cm Gauge approved stone ballast in the proportion of 1:1.5:3 in lintels of doors and windows, excluding its fixing and binding wire and including necessary centering and shuttering etc and also including S/o all materials required for proper completion of the work. Binding wire to be supplied by the contractor free of cost.	1.65	CUM.	8408.00	13873.20
6	Chapter 8, Item 2	SOR	R.C.C. work with cement approved coarse sand and 2cm Gauge approved stone ballast in the proportion of 1:1.5:3 in , excluding its fixing and binding wire and including necessary centering and shuttering etc and also including S/o all materials required for proper completion of the work. Binding wire to be supplied by the contractor	52.47	CUM.	8408.00	441167.76
7	Chapter 8, Item 2	SOR	R.C.C. work with cement approved coarse sand and 2cm Gauge approved stone ballast in the proportion of 1:1.5:3 in , excluding its fixing and binding wire and including necessary centering and shuttering etc and also including S/o all materials required for proper completion of the work. Binding wire to be supplied by the contractor	20.04	CUM.	8408.00	168496.32
8	Chapter 8, Item 1B	SOR	R.C.C. work with cement approved coarse sand and 2cm Gauge approved stone ballast in the proportion of 1:1.5:3 in , excluding its fixing and binding wire and including necessary centering and shuttering etc and also including S/o all materials required for proper completion of the work. Binding wire to be supplied by the contractor free of cost. But in HAVIER beams having spans upto 6 metres.	29.60	CUM.	8623.00	255240.80
9	Chapter 9, Item 1	SOR	Class-150 brick work in 1:6 cement and COARSE sand mortar in foundation and plinth including supply of all materials, labour tools and plants, etc. Required for proper completion of the work.	30.70	CUM.	6519.00	200133.30
10	Chapter 9, Item 2	SOR	Class-150 brick work in 1:6 cement and COARSE sand mortar in SUPERSTRUCTURE including supply of all materials, labour tools and plants, etc. Required for proper completion of the work.				

Abdul Kumer Yadava

CHANDRA BHUSAHN CHAUDHARY
(B.ARCH.)
CA/2012/55062

CSly

S.N.	SCH. P.W.D.	ITEM NO	DESCRIPTION OF ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
			GROUND FLOOR	37.42	CUM.	7272.00	272118.24
			FIRST FLOOR	10.95	CUM.	7272.00	79628.40
			SECOND FLOOR	3.13	CUM.	7272.00	22761.36
11	Chapte r 9, Item 7	SOR	Class-150 HALF brick work in 1:4 cement and COARSE sand mortar in SUPERSTRUCTURE including supply of all materials, labour tools and plants, etc. Required for proper completion of the work.				
			GROUND FLOOR	5.77	CUM.	915.00	5279.55
			FIRST FLOOR	5.05	CUM.	915.00	4620.75
			SECOND FLOOR	3.13	CUM.	915.00	2863.95
12	Chapte r 7, Item 14	SOR	Antitermite treatment of soil under floors using chemical emulsion @one litre per hole, 300 mm apart @100 nos Holes per 9.0 sqm including drilling 12 m diameter holes and plugging also to match the floor property : With Chlorpyriphos/Lindane E.C. 20% with 1% concentration.	451.98	S.Q.M.	218.00	98531.64
13	(AOR)		Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete Thermo-Mechanically Treated bars of grade Fe-500D or more.	274.54	qui	6513.10	1788106.47
14	Chapte r 12, Item 1	SOR	Providing wood work in frames of, doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).				
			Second class teak wood	2.23	Cum	110338.00	246053.74
	Chapte r 12, Item 7	SOR	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	276.00	Nos.	129.00	35604.00
15	9.62.2	DSR	Providing and fixing ISI marked oxidised M.S. sliding door bolts with nuts and screws etc. complete :250x16 mm	19.00	Nos	432.27	8213.06

Asstt Engineer

S.N.	SCH. P.W.D.	ITEM NO	DESCRIPTION OF ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
16	9.63.1	DSR	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete : 250x10 mm.	161.00	Nos.	68.00	10948.00
17	9.66.1	DSR	Providing and fixing ISI marked oxidised M.S. handles conforming to IS:4992 with necessary screws etc. complete :125 mm.	180.00	Nos.	1704.00	306720.00
18	9.20.1	DSR	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part 1) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters 35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	34.92	SQM	3023.95	105596.33
19	CHAPTER - 12, Item 23	SOR	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, 1/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	287.60	Kg	617.00	177449.20
20	9.48.1	DSR	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel/Wooden windows, Ventilators & Openings	372.03	K.G.	165.30	61496.56
21	10.30.1	DSR	Providing & fixing glass panes with putty and glazing clips in steel doors, windows, clerestory windows, all complete with 4.0 mm thick glass panes	41.85	SQM	900.55	37688.02

7 Asha Kumar Yadava

CHANDRA BHUSAHN CHAUDHARY
(B.ARCH.)

CA/2012/55062

CB

S.N.	SCH. P.W.D.	ITEM NO	DESCRIPTION OF ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
22			<p>Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :</p> <p>(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.</p> <p>(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.</p>	90.22	SQM.	281.00	25351.82
23	586(A)	SOR	12 mm cement plaster in single coat of fair side of single or half brick wall for interior plastering upto floor two level including internal rounded angles chamfers, and/or rounded angles not exceeding 80 mm. In girth and finished even and smooth. No extra for making any additive. 1:6 (1 cement: 6 coarse sand)	1211.46	SQM.	175.00	212004.63
24	CH-13 NI-(iii)	SOR	15 mm cement plaster in single coat of fair side of single or half brick wall for interior plastering upto floor two level including internal rounded angles chamfers, and/or rounded angles not exceeding 80 mm. In girth and finished even and smooth. No extra for making any additive. 1:6 (1 cement: 6 coarse sand)	1038.41	SQM.	203.00	210796
25	13.7.1 +13.5. 1- 13.7.2	SOR	12 mm thick plastering on ceilings and soffits of stair upto floor two level instead of plastering in walls. 1 cement : 3 coarse sand	441.25	SQM.	228.00	100605.00
26	CH-13 NI-(ii)	SOR	15 mm cement plaster in single coat of fair side of single or half brick wall for interior plastering upto floor two level including internal rounded angles chamfers, and/or rounded angles not exceeding 80 mm. In girth and finished even and smooth. No extra for making any additive. 1:4 (1 cement: 4 coarse	24.61	SQM.	217.00	5340.37

Abul Kumer Chandra

CHANDRA BHUSAHN CHAUDHARY

(B.ARCH.)

Chy CA/2012/55062

S.N.	SCH. P.W.D.	ITEM NO	DESCRIPTION OF ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
27	5.30	DSR	Add for plaster groove in plastered surface or moulding to R.C.C. projections.	1460.16	R.M.	58.90	86003.42
28	CHAPTER 13, ITEM NO. 15	SOR	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, 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., complete.	369.820	Sq.mtr.	1261.00	466343.02
29	CHAPTER 13, ITEM NO. 15	SOR	Providing and laying vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc.	33.730	Sq.mtr.	1261.00	42533.53
30	CHAPTER 13, ITEM NO. 11	SOR	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm 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., complete.	73.70	SQM.	1060.00	78122.00
31	CHAPTER 13, ITEM NO. 6	SOR	Tile work in skirting, risers of steps and dado up to 2 m height over 12 mm thick bed of cement mortar 1:3 (1 cement :3 coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete.	193.05	SQM.	937.00	180887.85

Ashok Kumar Jaiswal

Chh

S.N.	SCH. P.W.D.	ITEM NO	DESCRIPTION OF ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
32	CHAPTER 13, ITEM NO. 7	SOR	25 mm thick Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :	28.65	SQM.	1628.00	46642.20
33	CHAPTER 13, ITEM NO. 7	SOR	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete	3.58	SQM.	1628.00	5828.24
34	11.55	DSR	Providing and laying Polished Granite stone flooring in required design and patterns, 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. all complete as specified and as directed by the Engineer-in-Charge.	29.92	SQM.	4734.00	141641.28
35	13.80	DSR	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall Surface to prepare the surface even and smooth complete.	2465.72	SQM.	115.15	283927.00

Ashok Kumar Yadava

S.N.	SCH. P.W.D.	ITEM NO	DESCRIPTION OF ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
36	13.40	DSR	Distemping (two coat) with DRY distemper of approved brand and manufacture and of required shade on undecorated wall surface to give an even shade over and including a priming coat with cement primer of approved brand and manufacture such as Berger, J&N Shalimar, Asian Paints after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even with Plaster of Paris or approved synthetic material and sand papered smooth including cost of all material	1429.66	SQM.	117.75	168342.47
37	13.44.1	DSR	Finishing walls with water proofing cement paint of approved make and quality on new work with two coat to given even shed	1136.07	SQM.	91.25	103666.39
38	13.48.3	DSR	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.80 ltr/10 sqm of approved brand and manufacture	83.70	SQM.	125.80	10529.46
39	13.62.1	DSR	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	69.84	SQM.	177.15	12372.16
40	22.7.1	PWD LUCKNOW	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of following operations a) Applying a slurry coat of neat cement using 2.75 Kg/sqm of cement admixed with water proofing compound conforming to IS.2645 and approved by Engineer-in-charge over the Reinforced cement concrete slab including adjoining walls upto 300mm height including cleaning the surface before treatment.				

Ashok Kumar Jaiswal

S.N.	SCH. P.W.D.	ITEM NO	DESCRIPTION OF ITEM OF WORK	QTY	UNIT	RATE	AMOUNT
			b) Laying brick bats with mortar using broken bricks/bricks bats 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.				
			c) After two days of proper curing applying second coat of cement slurry using 2.75Kg/sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge.				
			d) Finishing the surface with 20 mm thick joint less cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge incliding laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300 X 300 mm square.3mm deep.				
	22.7.1		(i) With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	451.98	SQM.	1163.00	525652.74
						TOTAL	7476971.07
				SAY	RS.	74.77	LACS

Ashok Kumar Yadava

Chy