

N.O.W:

**CONSTRUCTION OF RESIDENTIAL ACCOMMODATION FOR STAFF AT  
NATHIAGALI.  
BILL OF QUANTITY.**

Estimaed Cost. Rs.16,750,000/-  
Earnest Money. Rs.335,000/-  
Time Limit. 01 Year.

<u>S.N O.</u>	<u>DISCRIPTION.</u>	<u>MRS NO.</u>	<u>QTY</u>	<u>UNIT</u>	<u>RATE</u>	<u>AMOUNT</u>
1	Excavation in foundation of building, bridges etc complete : in ordinary soil.	03-25-b	153.66	M3	243.88	Rs.37,475/-
2	Excavation in shingle or gravel formation & rock not requiring blast, undressed, 50m lead : Dry	03-11-a	2576	M3	220.5	Rs.568,008/-
3	Structural Excavation In Common Materia	03-67-a-i	45.3	M3	233.63	Rs.10,583/-
4	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	06-05-f	133.25	M3	8358.28	Rs.1,113,741/-
5	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:4:8	06-03-b	158.08	M3	4973.99	Rs.786,288/-
6	Random rubble masonry in foundn. & plinth in cement, sand mortar : Ratio 1:6	08-01-d-03	161.78	M3	6960.26	Rs.1,126,031/-
7	Structural backfill using Common Material available at site.	03-67-c	30	M3	315.48	Rs.9,464/-
8	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4	06-07-a-03	85.88	M3	9813.67	Rs.842,798/-
9	Supply & fabricate M.S. reinforcement for cement concrete (Plain bars)	06-08-a	9.92	Tonne	159981.5	Rs.1,587,016/-
10	1st class brick work in ground floor Cement, sand mortar 1:4.	07-05-a-03	161.44	M3	10236.54	Rs.1,652,587/-
11	Fabrication of heavy steel work with angle, tees, sheet iron etc for making trusses, girders etc.	25-10	2	Tonne	213889	Rs.427,778/-
12	Small iron work, such as gusset plates, knees, bends, stirrups, straps, rings etc excluding erection.	25-09	0.024	Tonne	238888.59	Rs.5,733/-
13	First class deodar wood wrought joinery in doors and windows etc. complete : 1-3/4" thick	12-08-b	107.44	M2	16999.56	Rs.1,826,433/-

14	Cement plaster 1:4 upto 20' height 1/2" thick.	11-09-b	1092.86	M2	297.37	Rs.324,984/-
15	Plain GI sheet ridging including fixture complete 12" lap & 30 overall, of 22 gauge GI sheet ridging.	09-14-c	394.06	M2	1828.7	Rs.720,618/-
16	Plain GI sheet ridging including fixture complete 12" lap & 30 overall, of 22 gauge GI sheet ridging.	09-29-c	71.62	M	3020.75	Rs.216,346/-
17	Laying 1/2" thick deodar wood ceiling complete, including sawing, planing & fixing.	09-24-a	133.94	M2	3547.64	Rs.475,171/-
18	Filling, watering and ramming earth under floor with surplus earth from foundation, etc	03-18-a	74.58	M3	79.56	Rs.5,934/-
19	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick.	10-15-d	259	M2	812.91	Rs.210,544/-
20	Mosaic dado or skirting complete as per specs Using grey cement : 3/8" thick.	10-41-a-01	83.44	M2	1027.4	Rs.85,726/-
21	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	06-05-i	16.4	M3	6359.02	Rs.104,288/-
22	Provide & fix glass strip 1.5" wide for dividing the floors into panels : 5mm thick.	10-47-a	609.56	P.RM	76.31	Rs.46,516/-
23	Providing and Fixing GI wire gauze 24 SWG, (12x12) meshes per sq.in., fixed to steel windows or doors etc, complete in all respects.	25-38	107.44	M2	2490.73	Rs.267,604/-
24	Provide & fix deodar wood almirah 9"-12" depth With shelves, shutters etc witho boxing & back	12-26-b	46.08	M2	14012.52	Rs.645,697/-
25	Oil Painitng 03 coats to door windows.	13-03-c-01 13-03-c-02	107.44	M2	362.84	Rs.38,984/-
26	Providing and fixing sliding bolt to doors CP sliding bolts : 12" long.	12-22-b-02	48	No.	528.88	Rs.25,386/-
27	Distempering New surface : Three coat	11-21-a-03	1030.12	M2	94.42	Rs.97,264/-
28	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:3:6	06-03-a	8.72	M3	6350.89	Rs.55,380/-

29	Granite tile floor 1/4" thick laid cement 1:2 or 3/4" thick cement mortar 1:2 (Imported approved quality) 16"x16	10-59-b	167.48	M2	2390.32	Rs.400,331/-
30	Providing and Fixing stair railing of 2.5" i/d GI pipe, welded with 5/8"x5/8" MS bars 2'-9" high, fixed in each step	25-37	32	P.RM	1738.73	Rs.55,639/-
31	Post anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual including boreholes as specified	28-16	78.06	M2	122.09	Rs.9,530/-
32	Providing and Fixing of Ceramic Tile 8"x12" White.	10-55-q	84.1	M2	1545.27	Rs.129,957/-
33	Providing and Fixing of Floor Tiles 24" x 24" of imported approved quality (Polished).	10-55-o	23.48	M2	2329.26	Rs.54,691/-
34	Masonry using Facing/Special bricks in cement sand mortar 1:3 upto 10 ft. height (4-1/2" thick.	07-36-b	43.84	M3	15390.36	Rs.674,713/-
35	PCC 1:3:6 in mass concrete less formwork using 50% boulder.	06-44-a	7.16	M3	4783.98	Rs.34,253/-
36	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick).	06-26-a-02	10.46	M2	934.86	Rs.9,779/-
37	Cement pointing flush, upto 20' height Ratio 1:3.	11-16-b	62.74	M2	273.82	Rs.17,179/-
38	Pointing flush on stone work, upto 20' height On stone work raised : in c/s mortar 1:3.	11-19-c-02	100	M2	476.37	Rs.47,637/-
39	Providing and fixing grating in opening including fixing at site with flat iron 2" x 3/8" and 3/4" round bars at 4" center to center.	25-32	10.4	M2	7405.33	Rs.77,015/-
40	Make & fix deodar planking in eave boards etc planed on both sides complete : 1/2" thick.	12-30-c	19.36	M2	4007.55	Rs.77,586/-
41	Providing and Fixing glazed earthen ware WC European type of approved make/size excluding cost of seat & cover, complete in all respects: White.	14-01-a	8	P.No.	9512.88	Rs.76,103/-
42	Providing and Fixing Plastic low down flushing cistern 3 gallons (13.63 Liters) capacity including bracket set, copper connection, etc. complete in all respects: White (Best Quality)	14-10-c	8	P.No.	4478.71	Rs.35,830/-

43	Providing and Fixing glazed earthen ware wash hand basin (WHB) complete size 63x45 cm (25"x18"), including bracket set, waste coupling, complete in all respects: White without pedestal. (Normal Quality	14-05-b-03	8	P.No.	5036.92	Rs.40,295/-
44	Providing and fixing underground stop-cock 1.5 cm (1/2") with chormium plated (CP) cover of approved quality.	14-23	32	P.No.	746.67	Rs.23,893/-
45	Providing and fixing chorimum plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Normal) quality	14-27-b	1	P.No.	1661.17	Rs.1,661/-
46	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	14-24-b	32	P.No.	1252.02	Rs.40,065/-
47	Providing and fixing best quality looking glass 5 mm thick neatly fitted on masonry wall etc. as per instruction of Engineer In-charge complete. Mirror 60 x 45 cm (24"x18") size	14-17-a	8	P.No.	2528.28	Rs.20,226/-
48	Providing and fixing chromium plated (CP) towel rail complete: 50 cm (20") long and 1.5 cm (1/2") dia	14-16-b	8	P.No.	509.38	Rs.4,075/-
49	Providing and fixing plastic soap dish complete	14-20-a	8	P.No.	468.63	Rs.3,749/-
50	Providing and Fixing superior quality plastic shelf 60 x 13 cm (24"x5") with bracket.	14-20-d.	8	P.No.	866.76	Rs.6,934/-
51	Providing and fixing superior quality plastic toilet paper holder.	14-20-b.	8	P.No.	469.86	Rs.3,759/-
52	Making connection with the existing system PVC pipe line including cutting the pipe for providing & fixing required fittings : 2" dia	14-95.e	104	P.No.	251.54	Rs.26,160/-
53	Making connection with the existing system PVC pipe line including cutting the pipe for providing & fixing required fittings : 4" dia	14-95.b	120	P.No.	444.85	Rs.53,382/-
54	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light	14-55.f	104	M	337.81	Rs.35,132/-
55	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	14-55.e	128	M	445.91	Rs.57,076/-
56	Providing and Fixing cast iron (CI) floor trap approved quality including CI grating & concrete chamber all round : 4"x3" (100 mm x 75 mm)	14-31-b	8	P.No.	965.63	Rs.7,725/-
57	Providing and Fixing oxidized gas cock : 1/2" di	14-56-c	8	P.No.	439.45	Rs.3,516/-
58	Septic Tank (int.Size: 7'x2'x5') complete	23-10	4	P.No.	20003	Rs.80,012/-
59	Soakage Pit (6'dia x 15' deep) complete.	23-11	4	P.No.	17376.96	Rs.69,508/-

60	Providing and fixing Fibre Glass , corrosion resistant, UV stablized WaterTank : 400 gallons	14-69-a-02	8	P.No.	14983.41	Rs.119,867/-
61	Providing and fixing stainless steel sink with drain board size (90x45 cm) 36"x18" including set of brackets, waste pipe etc (Best Quality	14-06-b	4	P.No.	5568.4	Rs.22,274/-
62	Fixing manhole frame and cover (18 x 18) in RCC slab, including carriage to site	23-06	8	P.No.	1581.3	Rs.12,650/-
63	Wiring of light point in 3/0.029" PVC insulated bare cable in PVC.	15-52	80	P.No.	2062.44	Rs.164,995/-
64	Supply and Erection single core PVC insulated copper conductor 250/440 V grade cable : 3/0.029" 1/2" i/d	15-058-a	32	P.No.	43	Rs.1,376/-
65	3 pin power plug point in 7/029 wire complete.	15-54-f	20	P.No.	256.3	Rs.5,126/-
66	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"	15-06-c	80	P.M	89.69	Rs.7,175/-
67	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044	15-06-e	80	P.M	163.36	Rs.13,069/-
68	Supply and Erection fluoresent tube light fitting including 4' rod, choke, starter, flexible wire etc : Singl	15-61-a	36	P.No.	1766.7	Rs.63,601/-
69	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator : 56" sweep	15-68-c	12	P.No.	4428.69	Rs.53,144/-
70	S/F of transpower Auto Circuit Bracker 3-Phase 400 v with Magnet trip adjustment for low and high current as specified.					
i.	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 30 Amp	15-70-a	4	P.No.	3391.8	Rs.13,567/-
ii	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 60 Amp.	15-70-b	4	P.No.	4004.3	Rs.16,017/-
iii	Supply and Erection transpower auto circuit breaker 3-phase, 400V fungus moisture proofing : 100 Amp	15-70-c	4	P.No.	8131.51	Rs.32,526/-
71	S/F of Curcuit bracker single p;hase.					
i.	Supply and Erection single phase imported auto circuit breaker 6 Amp	15-71-a	4	P.No.	635.96	Rs.2,544/-
ii.	Supply and Erection single phase imported auto circuit breaker 15 Amp.	15-71-b	4	P.No.	635.96	Rs.2,544/-
iii.	Supply and Erection single phase imported auto circuit breaker 20 Amp	15-71-c	4	P.No.	929.96	Rs.3,720/-
72	Supply and Erection cubical type factory fabricated floor/wall mounting steel main board comp. : On surface	15-75-a	8	P.No.	2772.8	Rs.22,182/-
73	Providing and fixing of call bells with push buttons including wiring and all accessorie	15-167	12	P.No.	4407.6	Rs.52,891/-

74	Drilling of earth bore 3" dia 70 to 80 ft. deep or up to permanent water table, back filling, ramming, complete in all respect. grounding bores shall be made at 6 to 8 feet away from foundation and distance between earth bore shall not be less than 10 feet	15-105-c	4	P.No.	10816.55	Rs.43,266/-
75	Supply and Erection best quality exhaust fan complete with shutter & regulator : 12"sweep	15-69-a	4	P.No.	2440.45	Rs.9,762/-
76	Making hole for exhaust fan.	15-67	6	P.No.	169.43	Rs.1,017/-
77	Supply and erection of fancy wall type bracket with brass holder & fancy shade : Single	15-55-a	4	P.No.	1270.18	Rs.5,081/-
78	Supply of 3/4" dia PVC special heavy gauge pipe	14-96-b	120	P.M	415.02	Rs.49,802/-
79	Supply and installation of Fan dimmer switch Clipcal made.	15-172	12	P.No.	101.74	Rs.1,221/-
80	Supply and Erection of iron/aluminium clad, 500V main switch Double pole : 30/35 Am	15-11-a-02	4	P.No.	929.62	Rs.3,718/-
81	Providing and fixing terrace railing 2" i/d conduit pipe 16 SWG, welded with 5/8" x 5/8" square bar 2.75 ft. high fixed at 5" centre to centre, in RCC slab with suitable arrangement, complete in all respects as per design and drawing.	25-33-a	13.42	M2	2661.23	Rs.35,714/-
82	Provide & laying of Kaprail tile 6"X9" on roof top including cost of weathershield complete:	09-.03	6.7	P.M2	983.46	Rs.6,589/-

TOTAL =	Rs.16,257,229/-
Multiplied by 1.03 Cost Factor for District Abbottabad.	Rs.487,717/-
TOTAL =	Rs.16,744,946/-

Note: All unforceen items which not includes in this BOQ will be pay to the contractor on his existing quoted premium on MRS-2019.

I offer my Premium \_\_\_\_\_ % Above / Below / At Par on MRS-2019.

**CONTRACTOR' S SAMP / SIGNATURE.**



