


## GENERAL - ABSTRACT

NAME OF WORK :- DETAILED ESTIMATE FOR UPGRADED TO 10 BEDED ICU  
WARD & CONSTRUCTION OF TOILET BLOCK FOR ICU  
WARD AT DISTT. HOSPITAL SEONI

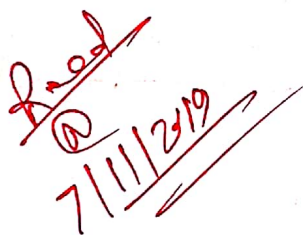
AMOUNT OF ESTIMATE : RS. 4135000.00

S.NO	SUB-HEAD	QUANTITY	RATE	UNIT	AMOUNT
1	ESTIMATE FOR UPGRADED TO 10 BEDED ICU WARD & CONSTRUCTION OF TOILET BLOCK FOR ICU WARD AT DISTT. HOSPITAL SEONI	AS PER ESTIMATE ATTACHED			4135000.00
		TOTAL RS.			4135000.00

  
Sub-Engineer  
NHM SEONI

Assistant Engineer  
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7/11/2019

**DETAILED ESTIMATE FOR UPGRADED TO 10 BEDED ICU WARD & CONSTRUCTION OF TOILET BLOCK  
FOR ICU WARD AT DISTT. HOSPITAL SEONI**

S.No.	Items	Qty.	Rate	Unit	Amounts
1	<p>SOE It No. 15.14 Dismantling doors, windows, and clerestory windows (steel or wood) shutter w/ chowkhata, architrave, holdfasts etc. complete and stacking with in 50 m lead</p> <p>15.14.1 Of area 3 sqm and below</p> <p>D - 6 No. W - 7 No.</p> <hr/> <p>13 No.</p>	13.00	76.50	each	994.50
2	<p>SOR It No 15.6 Demolishing brick work manually by mechanical means including stacking of serviceable material and disposal of unserviceable material with in 50 meters lead as per direction of Engg in charge.</p> <p>15.6.3 In cement mortar wall -</p> <p>1x4.00x0.23x2.50 = 2.30 1x3.50x0.23x2.50 = 2.01</p> <hr/> <p>4.62</p>	4.62	438.30	cum	2024.94
3	<p>SOR It No. 2.6 Earth work in excavation by mechanical means ( hydraulic excavator ) / manual means in over areas 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.</p> <p>2.6.1 All kinds of soil.</p> <p>Toilet column- 6x1.60x1.80x2.00 = 34.56 Wall - 6x3.20x0.30x0.30 = 1.72 Septic Tank - 1x5.40x3.40x2.50 = 45.90</p> <hr/> <p>82.18</p>	82.18	116.10	cum	9541.09
4	<p>SOR It No. 4.1 Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering- All work upto plinth level;</p> <p>4.1.2 With 40 mm nominal size graded stone aggregate.</p> <p>4.1.2.2 M 10</p> <p>Toilet column- 6x1.60x1.80x0.10 = 1.72 Wall - 6x3.20x0.30x0.10 = 0.57 Septic Tank - 1x5.40x3.40x0.15 = 2.75</p> <hr/> <p>5.04</p>	5.04	3427.20	cum	17273.08
5	<p>SOR It No. 5.1 Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :</p> <p>5.1.1 M 20 Nominal mix</p> <p>column footing - 6x1.40x1.60x0.40 = 5.37 Col. up to G.L. - 6x0.20x0.40x1.50 = 0.72 Col. up to P.B. Bottom. - 6x0.20x0.40x0.60 = 0.28 Plinth Beam - 3x3.50x0.20x0.40 = 0.84 2x5.50x0.20x0.40 = 0.88 Curtain wall - 2x3.50x0.10x0.60 = 0.42 1x5.50x0.10x0.60 = 0.33 Septic tank slab - 1x5.00x3.00x0.12 = 1.80</p> <hr/> <p>10.64</p>	10.64	4581.90	cum	48751.41
6	<p>SOR IT No. 5.3 Reinforced cement concrete work(with 20 mm nominal size graded stone aggregate) in beams, suspended floors, roofs having slope of any degree landings, balconies etc. complete as per sor</p> <p>(5.3.2) M 15</p> <p>Floor Slab - 1x3.50x5.50x0.10 = 1.92</p>	1.92	4359.60	cum	8370.43



8	SOR It No.2.27 Supplying and filling in plinth with crusher stone dust / coarse sand under floors i/c , watering , ramming consolidating in layers not exceeding 20 cm in depth and dressing complete. G.F. - $1 \times 3.30 \times 5.30 \times 0.20 = 3.49$	3.49	604.80	cum	2110.75
9	SOR It No.6.7.1 Brick work with Fly ash lime bricks (FALG Bricks) confirming to IS:12894-2002 etc. complete as per sor 6.7.1.2 cement Mortar 1:6 (1 cement : 6 sand) septic tank wall - $2 \times 5.00 \times 0.20 \times 2.45 = 4.90$ $2 \times 2.60 \times 0.20 \times 2.45 = 2.54$ above P.b. wall - $2 \times 3.50 \times 0.20 \times 3.00 = 4.20$ $1 \times 4.50 \times 0.20 \times 3.00 = 2.70$ 1st floor Toilet wall - $1 \times 3.50 \times 0.20 \times 3.00 = 2.10$ $1 \times 5.50 \times 0.20 \times 3.00 = 3.30$ <hr/> 19.74	19.74	4690.80	cum	92596.39
10	SOR It No.5.2 Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts su spended floor roof slab, beams, etc. up to floor two level excluding cost of centering, shuttering, finishing and reinforcement : 5.2.1 M 20 nominal mix column - $6 \times 0.20 \times 0.40 \times 8.20 = 3.93$ Lintel beam - $6 \times 3.50 \times 0.20 \times 0.20 = 0.84$ $3 \times 5.50 \times 0.20 \times 0.20 = 0.66$ Chhajja - $2 \times 3.50 \times 0.60 \times 0.10 = 0.42$ $2 \times 5.50 \times 0.60 \times 0.10 = 0.66$ Roof Beam - $2 \times 3 \times 3.50 \times 0.20 \times 0.40 = 1.68$ $2 \times 2 \times 5.50 \times 0.20 \times 0.40 = 1.76$ Slab - $2 \times 3.65 \times 5.65 \times 0.125 = 5.15$ <hr/> 15.10	15.10	4681.80	cum	70695.18
11	SOR It No 5.16 Reinforcement for rcc work including straightening, cutting, bending, placing in position and binding including cost of binding wire up to floor two level including all wastages etc complete. 5.16.6 TMT bars RCC Qty. x120 kg/cum $10.64 + 1.92 + 15.10 = 27.66$ $27.66 \times 120 \text{ kg} = 3319.20 \text{ kg}$	3319.20	48.60	KG	161313.12
12	SOR It No 5.9 Centering and shuttering including strutting, propping etc. and removal of form work form for (A) 5.9.1 Foundations , footings , bases of columns, etc. for mass concrete upto plinth level. Column footing - $6 \times 2 \times (0.20 + 0.40) \times 0.40 = 2.88$	2.88	156.60	sqm	451.00
	(B) 5.9.2 Walls (any thickness) including attached pilasters butteresse s, plinth beams and string courses etc.up to plinth level. column - $6 \times 2 \times (0.20 + 0.40) \times 1.50 = 10.80$ plinth beam - $3 \times 2 \times 3.50 \times 0.40 = 8.40$ $1 \times 2 \times 5.50 \times 0.40 = 4.40$ Curtain wall - $1 \times 2 \times 3.50 \times 0.60 = 4.20$ $1 \times 2 \times 5.50 \times 0.60 = 6.60$ below beam - $3 \times 1 \times 3.50 \times 0.20 = 2.10$ $1 \times 1 \times 5.50 \times 0.20 = 1.10$ <hr/> 37.60	37.60	240.30	sqm	9035.28
	(C) 5.9.6 columns, pillars, piers , abutments, posts and struts. column - $6 \times 2 \times (0.20 + 0.40) \times 8.20 = 59.04$	59.04	320.40	sqm	18916.41
	(D) 5.9.5 lintels, beams, girders, bressumers, and cantilevers. Lintel beam - $2 \times 3 \times 2 \times 3.50 \times 0.20 = 8.40$ $2 \times 3 \times 1 \times 3.50 \times 0.20 = 4.20$ $2 \times 3 \times 2 \times 5.50 \times 0.20 = 13.20$ $2 \times 3 \times 1 \times 5.50 \times 0.20 = 6.60$ Chhajja - $2 \times 1 \times 3.50 \times 0.60 = 4.20$ $2 \times 1 \times 5.50 \times 0.60 = 6.60$ <hr/> 43.20	43.20	204.30	sqm	8825.76



(E) (5.9.3) Slab -	Suspended floors, roofs, landings, balconies and access platform 2x3.65x5.65 = 41.24 1x5.00x3.00 = 15.00  ----- 56.24	56.24	237.60	sqm	13362.62
13	SOR It No.6.15.1.2 Half Brick masonry with Fly ash lime gypsum bricks (FALG Bricks) confirming to IS:12894-2002 etc. complete as per sor 6.7.1.2 cement Mortar 1:6 (1 cement : 6 sand) Toilet wall - 8x1.50x2.80 = 33.60 2x3.50x2.80 = 19.60 4x1.30x2.80 = 14.56  ----- 67.76	67.76	626.40	sqm	42444.86
14	SOR It No.10.22 Steel work 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. hoisting, fixing in position and applying a priming coat of approved steel 10.22.2 In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. W - 2x3.00x0.60 = 3.60 V - 5x0.90x0.45 = 2.02  ----- 5.62 @ 30 kg/sqm = 168.60 kg	168.60	76.59	kg	12913.07
15	SOR IT NO. 10.13 Providing and fixing pressed steel door frames confirming to IS: 4351 manufactured from commercial mild steel sheet of 1.25 mm thickness including hinges jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm or base ties if 1.25 mm pressed mild steel etc. complete as per sor 10.13.5.1 Fixing with adjustable lugs with split end tail to each jamb D- 5x2x2.10 = 21.00 5x1x0.90 = 4.50  ----- 25.50 Rm	25.50	346.45	RM	8834.47
16	SOR It No.13.9 6 mm cement plaster 1:3 (1 cement: 3 sand) finished with a floating coat of neat cement and thick coat of lime wash for bearing of R.C.C. slabs and beams. Ceilling - 2x3.50x5.50 = 38.50 2x2x3.50x0.28 = 3.92  ----- 42.42	42.42	117.00	sqm	4963.14
17	SOR It No.13.2 15 mm cement plaster on the rough side of single or half brick wall of mix : 13.2.2 1:6 (1 cement:6 sand) wall - 2x5.50x3.48 = 38.28 1x3.50x9.50 = 33.25 1x5.50x9.50 = 52.25 4x1x1.50x2.80 = 16.80 7x1x1.80x1.80 = 22.68  ----- 163.26	163.26	115.20	sqm	18807.55
18	SOR It No.13.1 12 mm cement plaster of mix : Inner side wall - 4x1x1.50x2.80 = 16.80 4x1x1.30x2.80 = 14.56 2x1x3.50x3.48 = 24.36 1x5.50x3.48 = 19.14  ----- 74.86	74.86	99.00	sqm	7411.14



	<p>SOR It No 11.46 Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (6-7mm thickness) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement joints with white cement and matching pigments etc., complete. Changing &amp; dressing room Toilet Wall - <math>4 \times 2 \times 1.50 \times 2.00 = 24.00</math> <math>4 \times 2 \times 1.30 \times 2.00 = 20.80</math> <math>1 \times 2 \times 3.50 \times 2.00 = 14.00</math> <math>1 \times 2 \times 2.00 \times 2.00 = 8.00</math> <math>1 \times 2 \times 1.50 \times 2.00 = 6.00</math> ----- 72.80</p>	72.80	790.20	sqm	57526.56
20	<p>SOR It NO. 11.47 Providing and laying ceramic glazed floor tiles 300x300 mm or more (having thickness 6 to 7 mm ) of 1st quality confirming to Is:15622 of approved make in colours etc. complete as per sor Toilet Floor - <math>1 \times 3.50 \times 5.30 = 18.55</math> <math>1 \times 2.00 \times 2.10 = 4.20</math> ----- 22.75</p>	22.75	558.00	sqm	12694.50
21	<p>SOR It No. 13.38 Providing and applying Plaster of paris putty of 2 mm thickness over plasterd surface to prepare the surface even and smooth complete. waiting area - <math>2 \times 4.00 \times 3.48 = 27.84</math> <math>2 \times 7.20 \times 3.48 = 50.11</math> Sonography room - <math>2 \times 4.20 \times 3.48 = 29.23</math> <math>2 \times 4.65 \times 3.48 = 32.36</math> Ecg Room - <math>2 \times 4.20 \times 3.48 = 29.23</math> <math>2 \times 2.20 \times 3.48 = 15.31</math> Duty room - <math>2 \times 3.00 \times 3.48 = 20.88</math> <math>2 \times 5.70 \times 3.48 = 39.67</math> store - <math>2 \times 2 \times 5.70 \times 2.80 = 63.84</math> <math>2 \times 2 \times 7.40 \times 2.80 = 82.88</math> <math>1 \times 7.40 \times 5.70 = 42.18</math> Toilet - <math>2 \times 2 \times 3.50 \times 2.00 = 28.00</math> <math>2 \times 2 \times 5.50 \times 2.00 = 44.00</math> outer wall - <math>2 \times 17.00 \times 3.80 = 129.20</math> <math>2 \times 14.05 \times 3.80 = 106.78</math> Deduct D - <math>1 \times 1.80 \times 2.10 = - 3.78</math> <math>4 \times 1.00 \times 2.10 = - 8.40</math> ----- 729.33</p>	729.33	69.30	sqm	50542.56
22	<p>SOR It NO 13.49.1 Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work Qty. as per above It no. = 729.33</p>	729.33	57.60	sqm	42009.40
23	<p>SOR It NO 11.90 Providing and laying vitrified floor tiles Multi double charged (minimum top layer thickness 2.0 mm ) Nano polished self Design , in Different sizes with water absorption less than 0.05 % and conforming to IS : 15622 Of approved make in all colors and shades. laid on 20 mm thick cement mortar 1:4 ( 1 cement : 4 sand ) including grouting the joints with white cement and matching pigment etc., complete. 11.90.1 In light Shade Glossy / rustic / stain finished. size 600x600 mm thickness 9-10 mm Floor - <math>1 \times 5.20 \times 6.50 = 33.80</math> <math>1 \times 3.50 \times 5.50 = 19.25</math> ----- 53.05</p>	53.05	903.60	sqm	47935.98
24	<p>SOR It NO 13.68 Painting with Synthetic Enamel paint of approved brand and manufacture to give an even shade. 13.68.1 Two or more coats on new work Window - <math>8 \times 2 \times 1.50 \times 1.50 = 36.00</math> <math>2 \times 2 \times 3.00 \times 0.60 = 7.20</math> D - <math>6 \times 2 \times 1.00 \times 2.40 = 28.80</math> ----- 72.00</p>	72.00	47.70	sqm	3434.40



	<p>SOR It No. 12.49          Providing and fixing at all height false ceiling including providing and fixing of frame work made of special sections power pressed from M.S. sheet and galvanised in accordance with zinc coating of grade 350 as per IS: 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 22 mm and 37 mm at 1200 mm centre to centre one flange fixed to the ceiling with dash fastener 12.5 mm dia. x 40 mm long with 6 mm dia. bolts to the angle hangers of 25x25x0.55 mm of required length and other end of angle hanger page 46 of 93 25x25x0.55 mm length, being fixed with nut and bolts to G.I. channels 45x15x0.9 mm running at the rate of 1200 mm centre to centre to which the ceiling section 0.5 mm thick button wedge of 80 mm with tapered flanges of 26 mm each having clips of 10.5 mm at 450 mm centre to centre shall be fixed in a direction perpendicular to G.I. channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. Wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5 mm thick 27 mm high having flanges of long, the perimeter of ceiling fixed to wall/ partition with the 20 mm and 30 mm help of rawl plugs at 450 mm centre to centre with 25 mm long drive all screws @ 230 mm interval including jointing etc. as per sor.</p> <p>12.49.3 12.5 mm thick tapered edge gypsum moisture resistant board          ICU -              1x12.40x11.20 = 138.88              1x4.00x7.20 = 28.80              1x4.20x4.65 = 19.53              1x4.20x2.20 = 9.24              1x3.00x5.70 = 17.10              1x5.00x7.00 = 35.00</p> <p style="text-align: center;">-----          248.55</p>	248.55	828.00	sqm	205799.40
26	<p>SOR It No. 17.2          Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid; 10 litre low level white P.V.C. flushing cistern 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 :</p>				
	17.2.1 W.C. pan with ISI marked white solid plastic seat and lid	5.00	2732.40	each	13662.00
27	<p>SOR It NO 19.4          Providing and laying below ground unplasticised PVC pipe to with stand working pressure of 4 kg/cm<sup>2</sup> solid waste pipes confirming to IS:13592 and IS:4985 including jointing with seal ring confirming to IS :5282 leaving 10mm gap for thermal expansion all necessary fittings etc. complete.</p> <p>(A) 19.4.1 110 mm diameter OD</p>	200.00	210.60	rm	42120.00
	(B) 19.4.5 300 mm diameter OD	110.00	1108.80	rm	121968.00
28	<p>SOR It No. 18.7          Providing and fixing chlorinated poly vinyl chloride (CPVC ) pipes , having thermal stability for hot and cold water supply including all cpvc plain and brass threaded fittings i/c fixing the pipes etc complete as per sor</p> <p>(A) 18.7.1 15 mm nominal outer dia. Pipes</p>	150.00	116.10	metre	17415.00
	(B) (18.7.2) 20 mm nominal outer dia. Pipes	200.00	137.70	metre	27540.00
29	<p>SOR It No. 18.42          Constructing masonry chamber 60x45x50 cm, inside with 40 class designation brick work in cement mortar 1:4 (1 cement : 4 sand) for water meter complete with c.l. double flap surface box 400x200x200 mm with locking arrangement and rcc top slab 1:2:4 mix necessary excavation foundation concrete 1:5:10 and inside plastering with cement mortar 1:3 12 mm thick finished with a floating coat of neat cement complete as per standard design;</p> <p>18.42.1 With common burnt clay bricks of 25 kg/sqcm compressive strength 05 no.</p>	5.00	4383.00	each	21915.00
30	<p>SOR It No. 17.11          Providing and fixing wash basin with C.I. brackets; 15 mm C.P. brass pillar taps; 32 mm C.P. brass waste of standard pattern; including painting of fittings and brackets; cutting and making good the walls wherever require :</p>				
	17.11.2 White Vitreous china Wash basin of sizes 630x450 mm with single 15 mm C.P. brass pillar tap	5.00	1968.30	each	9841.50
31	<p>SOR It No. 18.50.1          P/F brass bib cock of approved quality          15 mm nominal bore</p>	12.00	275.40	each	3304.80



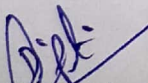
<p>SOR II No 21.1          Providing and fixing aluminum work for doors, windows , ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS: 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips , or with expansion hold fasteners including necessary filling of up of gaps at junctions , at top , bottom and sides with required PVC / neoprene felt etc. Aluminium section shall be smooth , rust free , straight , mitred and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing/ paneling , C.P. brass / Stainless steel screws , all complete as per architectural drawings and the directions of Engineer-in-charge (Glazing and paneling to be paid for separately ) :          (A) 21.1.1 For fixed portion          21.1.2.1 Anodised aluminium              V-       8x2x3.00 = 48.00                      4x2x3.00 = 24.00              H-       1x4x4.20 = 16.80                      1x4x2.80 = 11.20              -----                              100.00 @ 1.60kg/m = 160.00 kg</p>	160.00	360.00	Kg	57600.00
<p>(B) 21.1.2 For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required. (fittings shall be paid for separately)          21.1.2.1 Anodised aluminium ( anodised transparent or dyed to required shade according to IS :1868 ,minimum anodic coating of grade AC 15 )              V -     2x2x2.10 = 8.40              H -     2x3x1.00 = 6.00              -----                              14.40 @ 1.48 kg/m = 21.31 kg</p>	21.31	360.00	kg	7671.60
<p>33 SOR II No 9.6          Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows ( area of opening for panel inserts excluding portion inside grooves or rebates to be measured ). panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick          (A) 9.6.5 Practice board 12 mm thick          9.6.5.4 Pre-laminated practice board with decorative lamination on both sides , Grade 1 , Type II IS :12823 marked          Partition-       10x1.00x1.20 = 12.00</p>	12.00	1251.00	Sqm	15012.00
<p>(B) (9.6.7.2) 5.5 mm thick glass pane          Partition -       10x1.00x1.20 = 12.00</p>	12.00	941.40	sqm	11296.80
<p>34 SOR IT No. 9.189.1          Providing and fixing 30 mm thick factory made solid panel pre laminated pvc internal door shutter etc. complete as per sor          Toilet D -       5x0.90x2.10 = 9.45</p>	9.45	3517.20	sqm	33237.54
<p>35 SOR IT NO. 11.29.2.2          Providing and laying gang saw cut 18 mm thick , mirror polished pre moulded (wherever required ) and pre polished machine cut granite stone of required etc. Complete as per sor          Area of slab more than 0.50 sqm          Sill -       7x1.80x0.30 = 3.78</p>	3.78	3325.50	sqm	12570.39
<p>ICU ITEMS</p>				
<p>36 28.3 ANTI BACTERIAL PAINT          Providing and establishing anti bacterial &amp; anti fungicidal sterile coating of liquid palstic paint on GI Puff / SS panel of Modular Ot. Etc.          wall -       1x2x12.40x2.70 = 66.96                      1x2x11.20x2.70 = 60.48          Ceilling -     1x12.40x11.20 = 138.88              -----                              266.32</p>	266.32	1080.00	sqm	287625.60



11.77 EPOXY PAINT Providing and applying in two coats of 250 micron thick each layer of epoxy coating on prepared surface etc. waiting area - 2x4.00x3.48 = 27.84 2x7.20x3.48 = 50.11 Sonography room - 2x4.20x3.48 = 29.23 2x4.65x3.48 = 32.36 Ecg Room - 2x4.20x3.48 = 29.23 2x2.20x3.48 = 15.31  184.08		184.08	809.10	sqm	148939.12
38	NON SOR - SINGLE LEAF Automatic Hermetical Sealed Door (ss- 304 Frame ) :- 2100 mm Height & 1500 mm width Hermetically sealing automatic sliding doors with door blade of thickness minimum 55 mm , 60 mm . Etc. Door - 2 no.	2.00	400000.00	each	800000.00
39	45.16.12 Cu - FITTING				
	45.16.12.1 12 mm	180.00	225.00	RM	40500.00
	45.16.12.2 15 mm	180.00	342.00	RM	61560.00
	45.16.12.3 22 mm	150.00	405.00	RM	60750.00
	45.16.12.4 28 mm	100.00	765.00	RM	76500.00
40	46.12 SPLIT AC (Non Inverter) Supply Installation testing and commissioning of split type wall mounted Air conditioning unit of following capacity including indoor, outdoor unit fitted with rotary compressor copper condensor and first charge etc. complete as per sor 46.12.3 1.8 /2 TR Star Rating 3 star	7.00	53029.00	each	371203.00
41	AR BED Head Units shall be constructed from aluminium extrusion with round and smooth shape corners and shall be 1200 mm in length per each patient. The unit shall have three physically seprated compartments etc.	10.00	11783.00	each	117830.00
42	45.16.6 Terminal gas Outlets : - Supply Installation Testing and commissioning of Terminal ? Gas outlets with following specification (CE marked with 4 digit notified no. /UL listed) :- etc.				
	45.16.6.1 oxygen	10.00	1215.00	no.	12150.00
	45.16.6.2 Vaccume	10.00	1215.00	no.	12150.00
43	(4) Point wiring (excluding metallic switch box & sheet but including switches , sockets, lamp holders / ceilling roses etc. complete as per sor  (A) (4.1) Light point / Fan points  (a) Short point  (b) Medium point  (c ) long point				
		18.00	394.00	each	7092.00
		16.00	671.00	each	10736.00
		20.00	1083.00	each	21660.00
44	(4.5) Point wiring (excluding metallic switch box & sheet but including switches , sockets ) for 3 pin 6 amp. Socket etc. complete as per sor	30.00	285.00	each	8550.00
45	(4.6) Wiring for circuit wiring with pvc insulated cable FR with copper multi strand conductor ISI marked in concealed etc complete as per sor  (a) 2x2.5 sqmm  (b) 4x2.5 sqmm  (c ) 6x2.5 sqmm				
		60.00	117.00	neter	7020.00
		80.00	176.00	neter	14080.00
		120.00	225.00	neter	27000.00
46	(9.1) Point wiring (excluding metallic switch box & sheet ) for 3 pin 16 amp. Socket outlet point with 4sqmm pvc insulated etc. complete as per sor  (A) Short point  (b) Medium point  (c ) long point  (D) Extra Long -I				
		8.00	816.00	each	6528.00
		8.00	1335.00	each	10680.00
		7.00	1930.00	each	13510.00
		5.00	2643.00	each	13215.00



	(E) Extra Long -II	3.00	3417.00	each	10251.00
	(F) Extra Long -III	3.00	4193.00	each	12579.00
47	(18.2) Supplying and fixing of approved make modular type metal box with modular frame etc. complete as per sor				
	(18.2.4) 6 module	5.00	326.00	each	1630.00
48	(27.8) Supplying of approved make TPN MCB DB metal double door with provision for FP MCB/ Isolator/RCCB/RCBO etc. complete as per sor				
	(a) (27.8.1) 4 way (4+12)	5.00	2639.00	each	13195.00
49	(27.5) Supplying of ISI Marked and accepted standard of miniature circuit breaker (MCB) of C series etc. complete as per sor	5.00	205.00	each	1025.00
	(A) (28.4.1) Fixing of MCB / MCCB/ Isolator SP/DP in sheet enclosure as required etc complete as per sor	5.00	11.00	each	55.00
50	(29.31.1) Supplying and fixing of approved make step type modular electronic fan regulator including connection etc. as required on existing board. 450 watt	8.00	574.00	each	4592.00
51	(30.1.1) Supplying erection and testing of approved make electric ceiling fan of double ball bearing etc. complete as per sor	6.00	2276.00	each	13656.00
52	(30.6) Supplying ,erecting and testing of approved make exhaust fan heavy duty with mounting frame , blades etc. complete as per sor				
	(A)(30.6.1) 300 mm sweep 900 RPM	4.00	2918.00	each	11672.00
53	(41.1) Supply of XLPE Insulated power cable (confirming Is -7098 part -I) 1100 volt Grade, I core /2 core/3 etc.	50.00	235.80	Meter	11790.00
54	Electrical SOR IT No. 31.3 Supplying, fixing & testing of approved make T- 5 lamp channel luminary with epoxy white powder coated CRC A sheet steel housing box type channel with reflector cover including electronic ballast (HF), PF > 0.95, THD <30% complete duly wired (with tube rod) as per specification & fixing as below: 31.3.1 I) Fixing on wall/Ceiling on PVC plate Anchor fasteners and other necessary materials including connections etc. and as required	20.00	1172.00	each	23440.00
55	Ele. SOR It No. 31.16 Supplying, fixing & testing of approved make of low watt recessed mounting luminary made of CRCA sheet steel housing with false Ceiling clips, finished in stove enameled white inside/outside fitted with high purity anodized aluminium mirror reflector and complete with electronic ballast (HF), PF > 0.95, THD < 30%, including fixing with recessed mounting arrangement with necessary materials connection etc. complete as required and suitable for twin/three CFL as follows :-(without lamp 31.16.3 2 Nos 36 watt CFL (597 mm X 597 mm ) aluminium darklight reflector( P 5 Louvers )	18.00	3964.00		71352.00
56	46.13.3 AC INSTALLATION :- Installation of Split type wall mounted Air conditioner indoor , outdoor unit fitted with rotary compressor , copper condensor and first charge etc. complete as per sor	7.00	1500.00	each	10500.00
	<b>TOTAL RS.</b>				<b>3691636.64</b>
	<b>Add 12% GST</b>				<b>442996.39</b>
	<b>GT Rs.</b>				<b>4134633.03</b>
	<b>SAY RS.</b>				<b>4135000.00</b>

  
Sub Engineer  
NHM SEONI

Assistant Engineer  
Health Services Jabalpur

Executive Engineer  
Health services Bhopal