

DETAILED ESTIMATE OF DEVELOPMENT WORKS OF KHEL PARISHAR AT WARD NO. AT NAGAR PANCHAYAT PAKHANJUR, DIST- KANKER (C.G.)									
PAVILION									
[As per CG PWD Building & Road SOR 2015, Electrical SOR 2020 & PHED SOR 2020]									
SI No.	Items	Nos.	Length	Breadth/Width	Height/Depth	Quantity	Unit	Rate	Amount

1 **Earth work in Excavation**

Excavation for all types and sizes of foundation, trenches and drains or for any other purpos including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits.**Page No.9,Item No.1.1(i)**In all types of soil

For column C1

F1	20	2.10	2.10	1.80	158.76				
F2	2	1.80	1.80	1.80	11.66				
Below Ground Beam									
Horizontal	12	3.30	0.30	0.10	1.19				
	4	3.25	0.30	0.10	0.39				
	3	6.60	0.30	0.10	0.59				
Vertical	2	5.35	0.30	0.10	0.32				
	2	5.40	0.30	0.10	0.32				
	2	3.65	0.30	0.10	0.22				
Below Steps	1	6.70	1.20	0.15	1.21				
	2	1.20	1.50	0.15	0.54				
					<b>175.21</b>	Cum.	185.00		32413.11

Extra for every additional lift of 1.5 m or part thereof . All types of Soil. **Page**

**No.10,Item No.1.6.1**

F1	20	2.10	2.10	0.30	26.46				
F2	2	1.80	1.80	0.30	1.94				
					<b>28.40</b>	Cum.	26.50		752.71

2 **P.C.C. Base Conc.**

Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation,plinth and at ground level excluding cost of form work.**Page No.23,Item No.3.1.2(ii)**1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size).

column footing :-

F1	20	2.10	2.10	0.15	13.23				
F2	2	1.80	1.80	0.15	0.97				
BELOW G.B.									
Horizontal	12	3.30	0.30	0.10	1.19				
	4	3.25	0.30	0.10	0.39				
	3	6.60	0.30	0.10	0.59				
Vertical	2	5.35	0.30	0.10	0.32				

	2	5.40	0.30	0.10	0.32			
	2	3.65	0.30	0.10	0.22			
BELOW P.B.								
H	2	3.70	0.30	0.10	0.22			
V	6	5.35	0.30	0.10	0.96			
0.1m th	2	3.70	0.30	0.10	0.22			
Below Steps	1	6.70	1.20	0.15	1.21			
	2	1.20	1.50	0.15	0.54			
					<b>20.39</b>	Cum.	2659.00	54219.67

(iii) 1:3:6 (1 cement : 3 coarse sand : 6  
graded stone aggregate 40mm nominal  
size). **Page No.23, Item No.3.1.3(iii)**

Changing room(ladies and gents both)	2	6.80	5.55	0.10	7.55			
Porch	1	6.90	3.80	0.10	2.62			
Inner lobby	1	6.70	5.75	0.10	3.85			
toilet	2	3.30	4.35	0.10	2.87			
Stair	2	3.30	5.55	0.10	3.66			
					<b>20.56</b>	Cum.	2970.00	61052.81

### 3 **R.C.C. work**

Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all work upto floor five level excluding cost of reinforcement and form work. **Page No.23, Item No.3.2.1** (ii) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). b) M-20

column footing :-

F1	20	1.90	1.90	0.25	18.05			
F1	20	1.70	1.70	0.35	20.23			
F2	2	1.60	1.60	0.20	1.02			
F2	2	1.40	1.40	0.25	0.98			
					<b>40.28</b>			

column :-

C1	4	0.30	0.30	1.80	0.65			
C2	16	0.20	0.40	1.80	2.30			
C3	2		0.07	1.80	0.25			
					<b>3.21</b>			

(c) beam

Ground beam

Horizontal	12	3.30	0.20	0.30	2.38			
	4	3.25	0.20	0.30	0.78			
	3	6.60	0.20	0.40	1.58			
Vertical	2	5.35	0.20	0.40	0.86			
	2	5.40	0.20	0.40	0.86			
	2	3.65	0.20	0.30	0.44			

Plinth Beam

H	2	3.70	0.20	0.30	0.44			
V	6	5.35	0.20	0.40	2.57			

0.1m th	2	3.70	0.20	0.30	0.44
					<b>10.35</b>
					<b>53.84</b>

Cum 4163.00 224153.9874

Extra for laying PCC/ RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: **Page No.23,Item No.3.4**

Ground Floor

**4163 +97.5 = 4260.5**

column :-

C1	4	0.30	0.30	3.40	1.22
C2	16	0.20	0.40	3.40	4.35
C3	2	0.07		4.30	0.61
					<b>6.18</b>

Lintel Beam

H	6	3.30	0.20	0.20	0.79
	2	3.25	0.20	0.20	0.26
	1	6.60	0.20	0.30	0.40
V	4	1.25	0.20	0.20	0.20
0.1m th	2	3.40	0.10	0.20	0.14
	2	1.00	0.10	0.20	0.04

slab beam

H	12	3.30	0.20	0.30	2.38
	2	3.25	0.20	0.30	0.39
	3	6.60	0.25	0.50	2.48
V	2	5.35	0.20	0.45	0.96
	2	3.65	0.20	0.30	0.44
	2	5.40	0.20	0.50	1.08
	8	1.20	0.20	0.30	0.58

Struts Under Seating	6	6.30	0.20	0.50	3.78
					<b>13.90</b>

(d)

Slab

Chajja	6	1.80	0.60	0.08	0.52
Mezzanine slab	2	10.70	2.25	0.10	4.82
	2	3.50	2.80	0.10	1.96
Lobby	1	7.10	9.95	0.10	7.06
Seating top	10	1.00	10.70	0.10	10.70
	10	0.45	10.70	0.10	4.82

Stair

Waist Slab	4	5.50	1.50	0.12	3.96
Landing	2	3.30	1.33	0.10	0.88

(0.30x0.15x1/2 =0.0225 ) Steps 20x2= 40	40	1.50	X	0.023	1.35
					<b>36.06</b>

**56.15** Cum 4260.50 239211.2685

First Floor

**4163 +97.5+97.5 = 4358**

column :-

C1	4	0.30	0.30	4.60	1.66
C2	16	0.20	0.40	4.60	5.89
					<b>7.54</b>

Lintel Beam						
H	6	3.40	0.20	0.30	1.22	
	2	3.25	0.20	0.30	0.39	
slab beam						
H	12	3.30	0.20	0.30	2.38	
	4	3.25	0.20	0.30	0.78	
	3	6.60	0.25	0.50	2.48	
V	8	5.35	0.20	0.45	3.85	
	8	1.20	0.20	0.20	0.38	
	2	3.65	0.20	0.30	0.44	
	2	5.40	0.20	0.45	0.97	
					<b>12.89</b>	

(d) Slab						
Chajja	6	1.80	0.60	0.08	0.52	
Main slab	1	35.10	7.35	0.10	25.80	
					<b>26.32</b>	
					<b>46.75</b>	

Cum 4358.00 203744.7802

#### 4 Steel

Providing and placing in position reinforcement for R.C.C work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation & plinth all complete:thermo Mechanically treated steel bars FE 415 **Page No.24, Item No.3.12.1**

(a) Footing taking	40.28	x	60.00	Kg/Cum	2417.04
(b) Column taking	16.93	x	120.00	Kg/Cum	2032.07
(c) Beam taking	37.15	x	150.00	Kg/Cum	5572.05
(d) Slab taking	62.38	x	80.00	Kg/Cum	4990.21
					<b>15011.37</b>

Kg. 54.50 818119.64

#### 5 Centering & Shuttering

- a Providing and fixing formwork ncluding, shuttering ,strutting ,staging, propping bracng etc. complete and including its removal at levels, for: **Page No.16,Item No.2.1 (i)**Foundation, footings, bass of columns and plinth beam in any. Shape and size

<b>Footing</b>						
F1=20x4	80	1.90	--	0.25	38.00	
20x4	80	1.70	--	0.35	47.60	
F2=2x4	8	1.60	--	0.20	2.56	
2x4	8	1.40	--	0.25	2.80	
					<b>90.96</b>	

Sqm. 139.00 12643.44

- b (v) Columns,pillars Piers and likes-rectagular or square in shape

Column

	C1=2x4	8	0.30	--	9.80	23.52			
	2x4	8	--	0.30	9.80	23.52			
	C2=2x16	32	0.20	--	9.80	62.72			
	C=2x16	32	--	0.40	9.80	125.44			
2*3.14*.15= 0.943	C3=	2		0.943	6.10	11.50			
						<b>246.70</b>	Sqm.	297.00	73270.75

c (viii) Beams,lintels,cantillevers & walls

(c) beam									
Ground beam									
Horizontal	12	3.30	--	0.60	23.76				
	4	3.25	--	0.60	7.80				
	3	6.60	--	0.80	15.84				
Vertical	2	5.35	--	0.80	8.56				
	2	5.40	--	0.80	8.64				
	2	3.65	--	0.60	4.38				
Plinth Beam									
H	2	3.70	--	0.60	4.44				
V	6	5.35	--	0.80	25.68				
0.1m th	2	3.70	--	0.60	4.44				
Ground Floor Lintel Beam									
H	6	3.30	--	0.40	7.92				
	2	3.25	--	0.40	2.60				
	1	6.60	--	0.60	3.96				
V	4	1.25	--	0.40	2.00				
0.1m th	2	3.40	--	0.40	2.72				
	2	1.00	--	0.40	0.80				
Mezzanine slab beam									
H	12	3.30	--	0.60	23.76				
	2	3.25	--	0.60	3.90				
	3	6.60	--	1.00	19.80				
V	2	5.35	--	0.90	9.63				
	2	3.65	--	0.60	4.38				
	2	5.40	--	1.00	10.80				
	8	1.20	--	0.60	5.76				
Struts Under Seating	6	6.30	--	1.00	37.80				
First Floor Lintel Beam									
H	6	3.40	--	0.60	12.24				
	2	3.25	--	0.60	3.90				
slab beam									
H	12	3.30	--	0.60	23.76				
	4	3.25	--	0.60	7.80				
	3	6.60	--	1.00	19.80				
V	8	5.35	--	0.90	38.52				
	8	1.20	--	0.40	3.84				
	2	3.65	--	0.60	4.38				
	2	5.40	--	0.90	9.72				
						<b>363.33</b>	Sqm	202.00	73392.66

d (vii) Suspended floors,roofs,access platform,balconies (plain surfaces ) and

shelves (cast in stu)

(d)	G.F. Slab								
	Chajja	6	1.80	0.60	--	6.48			
	Mezzanine slab	2	10.70	2.25	--	48.15			
		2	3.50	2.80	--	19.60			
	Lobby	1	7.10	9.95	--	70.65			
	Seating top	10	1.00	10.70	--	107.00			
		10	0.45	10.70	--	48.15			
	F.F. Slab								
	Chajja	6	1.80	0.60	--	6.48			
	Main slab	1	35.10	7.35	--	257.99			
						<b>564.49</b>	Sqm.	235.00	132655.15

e Stair cases of all types excluding spiral and folded plate type,including risers and landings **Page No.17,Item No.2.1.15**

	Stair	4	4.50	1.50	--	27.00			
	Landing	2	3.30	1.33	--	8.78			
	Steps	40	1.50	--	0.15	9.00			
		42	--	--	0.023	0.95			
						<b>45.72</b>	Sqm.	230.00	10516.29

## 6 **Brick work**

(a) Brick work with modular fly-ash lime bricks ( Falg Bricks ) confirming to IS : 1289-2002 to class designation 40 in foundation and plinth in ::Page No.45,Item No.7.5 Cement Mortar 1:6(1 Cement :6 Coarse Sand) Page No.45,Item No.7.5.4

(a) below Ground Beam									
	H	12	3.30	0.20	0.30	2.38			
		4	3.25	0.20	0.30	0.78			
		3	6.60	0.20	0.10	0.40			
	V	2	5.35	0.20	0.10	0.21			
		2	3.65	0.20	0.40	0.58			
		2	5.40	0.20	0.40	0.86			
	Steps	1	4.00	0.30	0.15	0.18			
		1	4.60	0.60	0.15	0.41			
		1	5.20	0.90	0.15	0.70			
		1	6.70	1.20	0.15	1.21			
						<b>7.72</b>	Cum.	3263.00	25177.308

(b) Extra for brick work in superstructure:  
**Super structure Ground Floor**  
**(3263.00+121.00)=3384**

G.F.									
H	12	3.30	0.20	2.80	22.18				
	4	3.25	0.20	2.80	7.28				
	1	6.60	0.20	2.50	3.30				

	1	6.60	0.20	0.75	0.99			
V	6	5.35	0.20	3.00	19.26			
	2	3.65	0.20	3.00	4.38			
	2	3.70	0.20	0.75	1.11			
					<b>58.50</b>			
Deduction due to								
C.G.	1	3.40	0.20	2.10	1.43			
Door D	2	1.00	0.20	2.10	0.84			
D1	2	0.90	0.20	2.10	0.76			
Window	6	1.50	0.20	1.20	2.16			
Ventilator	6	0.45	0.20	0.60	0.32			
					<b>5.51</b>			
					<b>52.99</b>	Cum.	3384.00	179311.39

**Super structure First Floor**  
**(3263.00+121+121)=3505**

H	6	3.40	0.20	3.80	15.50			
	2	3.35	0.20	3.80	5.09			
	1	6.60	0.20	3.60	4.75			
V	4	5.35	0.20	4.10	17.55			
Parapet	1	35.10	0.20	0.20	1.40			
	2	7.35	0.20	0.20	0.59			
	2	2.70	0.20	0.20	0.22			
	2	14.00	0.20	0.20	1.12			
	1	7.30	0.20	0.20	0.29			
					<b>46.22</b>			
Deduction due to								
Window	6	1.50	0.20	1.20	2.16			
Ventillators	6	0.90	0.20	0.30	0.32			
					<b>2.48</b>			
					<b>43.74</b>	Cum.	3505.00	153308.70

- 5 Half brick thick brick masonry with fly-ash lime bricks ( FaLG bricks ) confirming to IS : 12894-2002 of class designation 40 in superstructure above plinth level upto plinth level: :Page No.45,Item No.7.11  
Cement Mortar 1:4 (1 Cement :4 Coarse sand) Page No.45,Item No.7.10.2  
Extra for half brick work in superstructure above plinth level for every story or part thereof in addition to rate for upto plinth level: **Page No.46,Item No.7.12**

**382+11+11 = 404**

Toilet walls	4	3.30	--	3.30	43.56			
	2	1.25	--	3.30	8.25			
	2	1.50	--	3.30	9.90			
	2	1.20	--	3.30	7.92			
Parapet	1	7.30	--	0.90	6.57			
	2	14.00	--	0.90	25.20			
	2	2.70	--	0.90	4.86			
					<b>106.26</b>			
Deduction	6	0.75	--	2.10	9.45			

<b>96.81</b>	Sq.m.	404.00	39111.24
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- 7 Providing and laying damp proof course (upto 50mm thick with plain cement concrete 1:2:4 (1cement :2 coarse sand : 4graded crushed stone aggregate 20mm nominal size) including formwork.**Page No.24,Item No.3.13**

12	3.30	0.20	0.05	0.40
4	3.25	0.20	0.05	0.13
3	6.60	0.20	0.05	0.20
8	5.35	0.20	0.05	0.43
2	5.40	0.20	0.05	0.11
2	3.65	0.20	0.05	0.07
4	3.70	0.20	0.05	0.15
6	5.35	0.20	0.05	0.32

<b>1.80</b>	Cum.	4237.00	7635.07
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8 **Mooram filling**

Providing and filling in plinth with sand/Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. **Page No.11,Item No.1.18**

Changing room (ladies and gents both)	2	6.80	5.55	0.75	56.61
Porch	1	6.90	3.80	0.75	19.67
Inner lobby	1	6.70	5.75	0.75	28.89
toilet	2	3.30	4.35	0.75	21.53
Stair	2	3.30	5.55	0.75	27.47

<b>154.17</b>	Cum.	371.00	57198.46
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9 **Plastering work**

Providing & making 12 mm thick cement plaster of mix: **Page No.103,Item No.11.2.4 (iv)** In Cement mortar 1:6 (1 Cement :6 fine sand)

G.F.					
H	12	3.30	--	2.80	110.88
	4	3.25	--	2.80	36.40
	1	6.60	--	2.50	16.50
	1	6.60	--	0.75	4.95
V	6	5.35	--	3.00	96.30
	2	3.65	--	3.00	21.90
	2	3.70	--	0.75	5.55
H	6	3.40	--	3.80	77.52
	2	3.35	--	3.80	25.46
	1	6.60	--	3.60	23.76
V	4	5.35	--	4.10	87.74
Parapet	1	35.10	--	0.20	7.02
	2	7.35	--	0.20	2.94
	2	2.70	--	0.20	1.08
	2	14.00	--	0.20	5.60



	1	7.30	--	0.20	1.46			
Toilet walls	4	3.30	--	3.30	43.56			
	2	1.25	--	3.30	8.25			
	2	1.50	--	3.30	9.90			
	2	1.20	--	3.30	7.92			
Parapet	1	7.30	--	0.90	6.57			
	2	14.00	--	0.90	25.20			
	2	2.70	--	0.90	4.86			
					<b>631.32</b>			
<b>Deduction</b>								
C.G.	1	3.40	--	2.10	7.14			
Door D	2	1.00	--	2.10	4.20			
D1	2	0.90	--	2.10	3.78			
Window	6	1.50	--	1.20	10.80			
Ventilator	6	0.45	--	0.60	1.62			
Window	6	1.50	--	1.20	10.80			
Ventillators	6	0.90	--	0.30	1.62			
Deduction	6	0.75	--	2.10	9.45			
					<b>49.41</b>			
					<b>581.91</b>	Sqm.	91.50	53244.77

- 10 Providing & making 15 mm thick cement plaster on the rough of side of single or half brick wall of mix: **Page No.103,Item No.11.3.4 (iv)** In Cement mortar 1:6 (1 Cement :6 fine sand)

long wall	2	35.10	--	0.60	42.12			
	2	6.15	--	0.60	7.38			
	2	4.00	--	0.60	4.80			
Quantity same as 15 mm plaster					581.91			
50 % Quantity same as item no. 5B					123.35			
50 % Quantity same as item no. 5C					181.67			
					<b>941.23</b>	Sqm.	107.00	100711.23

- 11 Providing & making 6 mm thick cement plaster of mix:**Page No.103,Item No.11.1.1 (i)**In Cement mortar 1:3 (1 Cement :3 fine sand)

Quantity same as item no. 5D+E					610.21			
					<b>610.21</b>	Sqm.	93.00	56749.81

- 12 Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.**Page No.80,Item No.9.11**

	1	3.40	--	2.10	<b>7.14</b>	Sqm.	3330.00	23776.20
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- 13 Providng and fixing flush door shutters,

conforming to IS2202 ( Part 1) interior grade , commercial type , core of block board construction with frame of first class hard wood and well matched commercial ply veneering with vertical grains, cross bands and face veneers on both faces of shutters excluding hinges. . **Page No.56,Item No.8.13** 35 mm thick(single leaf) **Page No.56,Item No.8.13.2**

[illegible]

with bolts and nuts as required including providing and fixing of hinges, pivots, handles, pags, stays rolling deviced, locking arrangemnts, spring catch etc. as required complete including applying a priming coat of red oxide zinc chormate primer. **page No. 81 item No. 9.17**

Glazed window	12	1.50	--	1.20	21.60			
	6	0.45	--	0.60	1.62			
	6	0.90	--	0.30	1.62			
					<b>24.84</b>			
15 kg per sqm	15.00 x		24.84		<b>372.60</b>	kg	88.00	32788.80

- 19 Providing and fixing 3 mm fibre glass pane with steel glazing clips and special metal sash uptty of approve make in steel doors, widiows, ventilators. **PageNo.82, ItemNo.9.22**

75% of window area		18.63	<b>18.63</b>	Sqm.	678.00	12631.14
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## 20 Grill work

- A Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat of red oxide zinc chromate primer.**PageNo.81, Item No. 9.15** with frame

Window Grill	12	1.50	1.20	20 Kg/sqm	432.00			
	6	0.45	0.60	15 Kg/sqm	24.30			
	6	0.90	0.30	15 Kg/sqm	24.30			
At stair case	4	5.10	1.00	20.40				
railling	1	35.10	0.90	31.59				
	2	1.20	0.90	2.16				
Wt. @ 30 kg per Sqm				54.15	1624.50			
					<b>2105.10</b>	kg	67.50	142094.25

- B Providing and fixing M.S. frames of doors, windows ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer . **Page No.81,Item No.9.16** Angle -iron frames **Page No.81,Item No.9.16.2**

35 x 35 x 5mm Angle for door frame

2	5.20	10.40			
2	5.10	10.20			
6	4.95	29.70			
		50.30			
per Mtr	50.30	130.78			
		<b>130.78</b>	kg	73.50	9612.33

## 21 Distempering

Distempering with acrylic washable disemper to give an even shade. **Page No.132, Item No.14.9.1** (i) On new work (two or more coats)

Quantity as per 15mm thick cement	941.23			
Quantity as per 6mm thick cement	610.21			
	<b>1551.44</b>	Sqm	38.00	58954.70

## 22 Water proof cement point

Finishing walls water proofng cement  
On new work (two or more coats applied)  
**Page No.133,Item No.14.14.1**

Quantity as per 12mm thick cement plaster	<b>581.91</b>	Sqm	41.00	23858.31
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## 23 Flooring

- A 25 mm thick KOTA stone slab flooring over 20 mm (Average ) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be 0.20 sq.m and up to 0.50 sq.m)  
**PageNo.118,ItemNo.12.49**

25mm thick

Changing room(ladies and gents both)	2	6.80	5.55	--	75.48			
Stage	1	6.70	9.65	--	64.66			
Stair	2	3.30	5.55	--	36.63			
Skirting	4	6.80	--	0.15	4.08			
	4	5.55	--	0.15	3.33			
	2	6.70	--	0.15	2.01			
	2	9.65	--	0.15	2.90			
	4	3.30	--	0.15	1.98			
	4	5.55	--	0.15	3.33			
					<b>194.39</b>	Sqm.	897.00	174367.83

- B KOTA stone slab 25 mm thick in risers and treads of steps, skirting dado and pillar laid in 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 slab including rubbing and polishing complete (single stone is to be used for riser and

treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado with a minimum length of 1.0 M)  
**Page No.118,Item No.12.5**

Mezzanine sitting	8	10.30	1.00	--	82.40			
	2	10.30	0.90	--	18.54			
	10	10.30	--	0.45	46.35	Front Balcony		
	2	10.30	2.15	--	44.29			
	2	3.70	2.70	--	19.98	Mezzanine Lobby		
	1	6.70	9.65	--	64.66			
Skirting	1	34.90	--	0.15	5.24			
	2	2.15	--	0.15	0.65			
	2	3.70	--	0.15	1.11			
	1	6.70	--	0.15	1.01			
	2	5.75	--	0.15	1.73			
For stair case	Riser 2x21	1.50	--	0.15	9.45			
	Trade 2x20	1.50	0.30	--	18.00			
	Landing 2x2	3.20	1.45	--	18.56			
Total					<b>331.95</b>	Sqm.	990.00	328625.55

24 Providing and laying rectified ceramic glazed floor tiles conforming to IS: 15622 of approved size , make colour , shade laid on 20 mm thick cement Mortar1:4 ( 1 cement :4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc. complete . **Page No.112,Item No.12.9** Size 300x300 mm  
**Page No.112,Item No.12.9.1**

In Toilet	2	1.15	1.20	--	2.76			
	2	1.20	1.50	--	3.60			
	2	2.00	1.50	--	6.00			
	2	3.30	1.45	--	9.57			
	2	2.05	1.30	--	5.33			
					<b>27.26</b>	Sqm.	692.00	18863.92

B Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size 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 @ 3.3 kg per sqm pointing in white cement mixed with matching pigment complete .. **Page No.111,Item No.12.7**

In wall	4	1.15	2.10	--	9.66			
	8	1.20	2.10	--	20.16			
	8	1.50	2.10	--	25.20			
	4	2.00	2.10	--	16.80			
	2	3.30	0.90	--	5.94			
	2	2.75	0.90	--	4.95			
					<b>82.71</b>			
Deduction	6	0.75	2.10	--	9.45			
	6	0.75	0.90	--	4.05			

2	1.10	0.90	--	1.98			
				<b>15.48</b>			
				<b>67.23</b>	Sqm.	646.00	43430.58

- 25 Painting on new work (two or more coats)  
to give an even shade with:**Page No.134,**  
**Item No.14.22.2 (ii)**Premium synthetic  
enamel paint

C.G.	1	3.40	--	2.10	7.14		
Window	12	1.50	--	1.20	21.60		
Ventilator	6	0.45	--	0.60	1.62		
	6	0.90	--	0.30	1.62		
stair railing	2	5.10	--	1.00	10.20		
railing	1	35.10	--	0.90	31.59		
	2	1.20	--	0.90	2.16		
				<b>75.93</b>	Sqm	47.00	3568.71

Total 3520162.75

a Add 15% for water supply sanitation & electrification 528024.41

**Grand Total:- 4048187.17**

**Say Rs:- 4048200.00**

DETAILED ESTIMATE OF DEVELOPMENT WORKS OF KHEL PARISHAR AT WARD NO.						AT NAGAR PANCHAYAT PAKHANJUR,			
DIST- KANKER (C.G.)									
6 STEPS SEATING GALLERY- CIVIL WORKS									
[As per CG PWD Building & Road SOR 2015, Electrical SOR 2020 & PHED SOR 2020]									
Sl No.	Items	Nos.	Length	Breadth/ Width	Height/ Depth	Quantity	Rate	Unit	Amount

1 **Earth work in Excavation**

Excavation for all types and sizes of foundation, trenches and drains or for any other purpos including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits.**Page No.9,Item No.1.1(i)**In all types of soil

For column C1

F1	8	2.00	2.00	1.80	57.60				
					<b>57.60</b>	185.00	Cum.	10656.00	

Extra for every additional lift of 1.5 m or part thereof . All types of Soil. **Page No.10,Item No.1.6.1**

F1	8	2.00	2.00	0.30	9.60				
					<b>9.60</b>	26.50	Cum.	254.40	

2 **P.C.C. Base Conc.**

Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation,plinth and at ground level excluding cost of form work.**Page No.23,Item No.3.1.2(ii)**1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size).

column footing :-

F2	8	2.00	2.00	0.15	4.80				
BELOW G.B.									
H	6	5.65	0.40	0.10	1.36				
V	4	5.70	0.40	0.10	0.91				
					<b>7.07</b>	2659.00	Cum.	18793.81	

(iii)1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size).**Page No.23,Item No.3.1.3(iii)**

STEPS	1	18.15	1.25	0.10	2.27				
	5	18.15	0.95	0.10	8.62				
					<b>10.89</b>	2970.00	Cum.	32343.30	

3 **R.C.C. work**

Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all work upto floor five level excluding cost of reinforcement and form work.**Page No.23,Item No.3.2.1 (ii)**1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size).b) M-20

column footing :-

F1	8	1.80	1.80	0.20	5.18
F1	8	1.40	1.40	0.20	3.14
					<b>8.32</b>

column :-

C1	4	0.30	0.40	1.80	0.86
C1	4	0.30	0.40	1.80	0.86
					<b>1.73</b>

(c) beam

BELOW G.B.

H	6	5.65	0.20	0.50	3.39
V	4	5.70	0.20	0.50	2.28
					<b>5.67</b>

**15.72** 4163.00 Cum 65434.034

Extra for laying PCC/ RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: **Page No.23,Item No.3.4**

**4163 +97.5 = 4260.5**

C1	4	0.30	0.40	2.70	1.30
					<b>1.30</b>
					<b>1.30</b>

4260.50 Cum 5521.608

#### 4 **Steel**

Providing and placing in position reinforcement for R.C.C work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation & plinth all complete:thermo Mechanically treated steel bars FE 415 **Page No.24, Item No.3.12.1**  
Thermo- Mechanically treated bars FE415 **Page No.24,Item No.3.12.1**

(a) Footing taking	8.32	x	65.00	Kg/Cum	540.80
(b) Column taking	3.02	x	100.00	Kg/Cum	302.40
(c) Beam taking	5.67	x	120.00	Kg/Cum	680.40
					<b>1523.60</b>

54.50 Kg. 83036.20

#### 5 **Centering & Shuttering**

- a Providing and fixing formwork ncluding, shuttering,strutting,staging, propping bracng etc. complete and including its removal at levels, for: **Page No.16,Item No.2.1** (i)Foundation, footings, bass of columns and plinth beam in any. Shape and size

**Footing**

F1=8x4	32.00	1.80	--	0.20	11.52
8x4	32.00	1.40	--	0.20	8.96
					<b>20.48</b>

139.00 Sqm. 2846.72

- b (v) Columns,pillars Piers and likes-rectagular or



square in shape

Column									
C1=2x4	8	0.30	--	1.80	4.32				
2x4	8	--	0.40	1.80	5.76				
C1=2x4	8	0.30	--	4.50	10.80				
2x4	8	--	0.40	4.50	14.40				
					<b>35.28</b>	297.00	Sqm.	10478.16	

- c Foundations, footings bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.. **Page No.16,Item No.2.1.1**

(c) G beam

H	6	5.65	--	1.00	33.90				
V	4	5.70	--	1.00	22.80				
					<b>56.70</b>	139.00	Sqm.	7881.30	

## 6 Brik work

- (a) Brick work with modular fly-ash lime bricks ( Falg Bricks ) confirming to IS : 1289-2002 to class designation 40 in foundation and plinth in ::Page No.45,Item No.7.5 Cement Mortar 1:6(1 Cement :6 Coarse Sand) **Page No.45,Item No.7.5.4** Extra for brick work in superstructure: page No.45, ItemNo .7.6 Above plinth level for every floor or part there of in addition to rate for foundation and plinth Super structure

**(3263.00+121.00)=3384**

H	3	5.65	0.20	2.70	9.15				
	5	18.15	0.20	0.30	5.45				
v	5	4.55	0.20	0.20	0.91				
	5	3.60	0.20	0.30	1.08				
	5	2.65	0.20	0.30	0.80				
	5	1.70	0.20	0.30	0.51				
	5	0.75	0.20	0.30	0.23				
					<b>18.12</b>	3384.00	Cum.	61311.31	

## 7 Mooram filling

Providing and filling in plinth with sand/Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. **Page No.11,Item No.1.18**

1	17.75	6.00	0.30	31.95					
1	17.75	4.55	0.30	47.63					
1	17.75	3.60	0.30	19.17					
1	17.75	2.65	0.30	14.11					
1	17.75	1.70	0.30	9.05					
1	17.75	0.75	0.30	3.99					
				<b>125.91</b>	<b>371.00</b>	Cum.	46711.68		

## 8 Flooring

KOTA stone slab 25 mm thick in risers and treads

of steps, skirting dado and pillar laid in 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 slab including rubbing and polishing complete (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado with a minimum length of 1.0 M) **Page No.118,Item No.12.50**

25mm thick

Treads	1	18.15	1.45	--	26.32			
	5	18.15	0.95	--	86.21			
Riser	6	18.15	0.30	--	32.67			
Total					<b>145.20</b>	990.00	Sqm.	143748.00

- 9 Providing & making 12 mm thick cement plaster of mix: **Page No.103,Item No.11.2.4** (iv) In Cement mortar 1:6 (1 Cement :6 fine sand)

	1	18.15	--	1.20	21.78			
v	2	5.70	--	0.30	3.42			
	2	4.75	--	0.30	2.85			
	2	3.80	--	0.30	2.28			
	2	2.85	--	0.30	1.71			
	2	1.90	--	0.30	1.14			
	2	0.95	--	0.30	0.57			
					<b>33.75</b>	91.50	Sqm.	3088.13

- 10 Providing & making 15 mm thick cement plaster on the rough of side of single or half brick wall of mix: **Page No.103,Item No.11.3.4** (iv) In Cement mortar 1:6 (1 Cement :6 fine sand)

Wall top	1	18.15	---	0.20	3.63			
Back	1	18.15	---	3.00	54.45			
Front	1	18.15	---	0.45	8.17			
					<b>66.25</b>	107.00	Sqm.	7088.48

- 11 Providing and laying damp proof course (upto 50mm thick with plain cement concrete 1:2:4 (1cement :2 coarse sand : 4graded crushed stone aggregate 20mm nominal size) including formwork.**Page No.24,Item No.3.13**

G.B.	3	5.65	0.30	0.05	0.25			
					<b>0.25</b>	4237.00	Cum.	1077.26

- 12 **Water proof cement point**

Painting new exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint as per manufacturer's specifications to give protective and decorative finsh including cleaning washing

of surface etc. complete with:  
**Page No.136,Item No.14.16.1** (i)On  
new work (two or more coats applied @ 3.28 ltr/  
10 sqm) over and including priming coat of  
exterior primer applied @2.20kg/10 sqm)

Quantity Same as 15mm cement plaster	<u>100.00</u>	74.50	Sqm	7449.81
Total				507720.21
Say as				508000.00
Say Rs in Lac				5.08

DETAILED ESTIMATE OF DEVELOPMENT WORKS OF KHEL PARISHAR AT WARD NO. AT NAGAR PANCHAYAT PAKHANJUR, DIST- KANKER (C.G.)									
6 STEPS SEATING GALLERY- TRUSS AND SHEETING									
[ As per P.W.D. - Building S.O.R. In Force From 01-01 2015]									
S/N.	PARTICULAR'S	NOS.	Length	Breadth	Height/ Depth	Quantity	Rate	Unit	Amount
1	Truss								
	Steel work in tubular ( round, square or rectangular hollow tubes etc) structure in built- up sections, trusses and frame work including cutting , hoisting ,fixing in position upto a height of 5m above plinth level , consisting of columns trusses, roof and bottom purlins , base plate, holding down bolts, wind ties bracing (if required), bolts nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer. <b>Page No.80,Item No.9.3.2</b>								
	Electric resistance or induction butt welded tubes Grade - 300								
	POSTS 125mm dia tubes	4 x 1	4.80	--	19.20				
		4 x 1	2.10	--	8.40				
					27.60				
	Wt. @16.2 kg per Mtr	16.2 Kg./Rm.	27.60			447.12			
	50mm dia tubes	8 x 1	7.20	--	57.60				
					57.60				
	Wt. @5.1 kg per Mtr	5.1 Kg./Rm.	57.60			293.76			
	32mm dia tubes	4 x 1	13.00	--	52.00				
					52.00				
	Wt. @3.15 kg per Mtr	3.15 Kg./Rm.	52.00			163.80			
	Purlins								
	50mm dia tubes	6 x 1	18.15	--	108.90				
	Wt. @5.10 kg per Mtr	5.1 Kg./Rm.	108.90			555.39			
						<u>1460.07</u>			
	10% For guzzet plates & bolts					146.01			
						<u>1606.08</u>			
						93.50	Per Kg.	150168.20	
2	Sheating of roof								
	Supply and fixing of precoated TILE PATTERN profile sheets of approved make, colour, over al size , corrugation shape and pitch, having total coated thickness (TCT) 0.45 mm ( approx weight 4.9 kg/sq,) with Zn-Al coating and superior paint and gaving yeild yeild strength of 550 MPa. sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation. The sheet shall be fixed using self drilling / self tapping screws of size ( 5.5x55mm ) with EPDM seal or with ploymer coated J tor L hooks. bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. <b>Page No.92,Item No.10.13</b>								
		1	18.15	7.2	--	130.68			
		1	18.15	3	--	54.45			
						27.77			
						<u>212.90</u>	942.00	Sqm.	200551.33
							<b>Total</b>		<b>350719.53</b>
							Say Rs.		<b>350700.00</b>

DETAILED ESTIMATE OF DEVELOPMENT WORKS OF KHEL PARISHAR AT WARD NO. AT NAGAR PANCHAYAT PAKHANJUR, DIST- KANKER (C.G.)									
3 STEPS- SEATING GALLERY									
[As per CG PWD Building & Road SOR 2015, Electrical SOR 2020 & PHED SOR 2020]									
SI No.	Items	Nos.	Length	Breadth/Width	Height/Depth	Quantity	Unit	Rate	Amount

- 1 Excavation for all types and sizes of foundation, trenches and drains or for any other purpos including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits.**Page No.9,Item No.1.1(i)**In all types of soil

F1	6	1.80	1.80	1.20	23.33				
F2	11	1.20	1.20	1.20	19.01				
<i>Horizontal</i>	10	3.00	0.30	0.20	1.80				
	3	6.10	0.30	0.20	1.10				
	2	6.05	0.30	0.20	0.73				
<i>Vertical</i>	11	2.90	0.30	0.20	1.91				
					<u>47.87</u>	Cu.M	185.00		8856.69

- 2 Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation,plinth and at ground level excluding cost of form work.**Page No.23,Item No.3.1.2(ii)**1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size).

F1	6	1.80	1.80	0.15	2.92				
F2	11	1.20	1.20	0.15	2.38				
<i>Horizontal</i>	10	3.00	0.30	0.10	0.90				
	3	6.10	0.30	0.10	0.55				
	2	6.05	0.30	0.10	0.36				
<i>Vertical</i>	11	2.90	0.30	0.10	0.96				
					<u>4.19</u>	Cu.M	2659.00		11135.89

3 **R.C.C. work**

Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all work upto floor five level excluding cost of reinforcement and form work.**Page No.23,Item No.3.2.1 (ii)**1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size).b) M-20

Footings									
F1	6	1.60	1.60	0.15	2.30				
	6	1.20	1.20	0.20	1.73				
F2	11	1.00	1.00	0.15	1.65				
	11	0.70	0.70	0.20	1.08				
					<u>6.76</u>				
Columns									
Circular Column, C1	6	0.0707	sqm	0.70	0.30				
C2	11	0.20	0.20	0.70	0.31				
					<u>0.61</u>				

Ground Beams

<i>Horizontal</i>	10	3.00	0.20	0.20	1.20
	3	6.10	0.20	0.30	1.10
	2	6.05	0.20	0.30	0.73
<i>Vertical</i>	11	2.90	0.20	0.20	1.28
					<b>4.30</b>
					<b>11.67</b>

Cum. 4163.00 48561.40

Extra for laying PCC/ RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: **Page No.23,Item No.3.4**

**4163 +97.5 = 4260.5**

Columns

<i>Circular Column, C1</i>	6	0.0707	sqm	3.65	1.55
<i>C2</i>	11	0.20	0.20	3.65	1.61
					<b>3.15</b>

Slab Beams

<i>Horizontal</i>	10	3.00	0.20	0.20	1.20
	3	6.10	0.20	0.40	1.46
	2	6.05	0.20	0.40	0.97
<i>Above Steps for Grill</i>	10	3.00	0.20	0.20	1.20
<i>Vertical</i>	11	3.20	0.20	0.20	1.41
					<b>6.24</b>
<i>Slab</i>	1	32.20	3.70	0.10	11.91
					<b>11.91</b>
					<b>21.31</b>

Cum. 4260.50 90785.47

4 **Steel**

Providing and placing in position reinforcement for R.C.C work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation & plinth all complete:thermo Mechanically treated steel bars FE 415 **Page No.24, Item No.3.12.1**

<i>(a) Footing taking</i>	6.76	x	60.00	Kg/cum	405.60
<i>(b) Column taking</i>	3.76	x	120.00	Kg/cum	451.16
<i>(c) Beam taking</i>	7.44	x	150.00	Kg/cum	1116.00
<i>(d) Slab taking</i>	11.91	x	80.00	Kg/cum	953.12
					<b>2925.88</b>

Kg. 54.50 159460.30

5 **Centering & Shuttering**

- a Providing and fixing formwork ncluding, shuttering, strutting ,staging, propping bracng etc. complete and including its removal at levels, for: **Page No.16,Item No.2.1** (i)Foundation, footings, bass of columns and plinth beam in any. Shape and size

Footing

<i>F1- 6x4</i>	24	1.60	--	0.15	5.76
	24	1.20	--	0.20	5.76
<i>F2- 11x4</i>	44	1.00	--	0.15	6.60
	44	0.70	--	0.20	6.16
					<b>24.28</b>

Sqm. 139.00 3374.92

- b 2.1.6 Columns, beams & walls- circular or any other geometrical shape other than square and rectangular in all sizes

<i>Circular Column, C1- 6x1</i>	6	0.9429	m	4.35	24.61			
					<b>24.61</b>	Sqm	356.00	24.61

- c (vi) Columns, pillars Piers and likes-rectangular or square in shape

<i>C2- 11x4</i>	44	0.20	--	4.35	38.28			
					<b>38.28</b>	Sqm.	297.00	11369.16

- d (ix) Beams, lintels, cantilevers & walls

<i>Ground Beams</i>								
<i>Horizontal</i>	20	3.00	--	0.20	12.00			
	6	6.10	--	0.30	10.98			
	4	6.05	--	0.30	7.26			
<i>Vertical</i>	22	2.90	--	0.20	12.76			
<i>Slab Beams</i>								
<i>Horizontal</i>	20	3.00	--	0.20	12.00			
	6	6.10	--	0.40	14.64			
	4	6.05	--	0.40	9.68			
<i>Above Steps for Grill</i>	20	3.00	--	0.20	12.00			
<i>Vertical</i>	22	3.20	--	0.20	14.08			
					<b>105.40</b>	Sqm.	202.00	21290.80

- e (viii) Suspended floors, roofs, access platform, balconies (plain surfaces ) and shelves (cast in stu)

<i>Slab</i>	1	32.20	3.70	--	119.14			
					<b>119.14</b>	Sqm.	235.00	27997.90

- 6 7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:

7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand)

7.6 Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:

<i>Above Ground Beams</i>								
<i>Horizontals</i>	10	3.00	0.20	1.50	9.00			
	3	6.10	0.20	0.20	0.73			
	2	6.05	0.20	0.20	0.48			
	2	32.20	0.20	0.40	5.15			
<i>Verticals</i>	11	3.20	0.20	0.40	2.82			
	11	2.00	0.20	0.80	3.52			
	11	0.80	0.20	1.20	2.11			
<i>Steps to Climb at top</i>	6	0.60	0.30	0.20	0.22			
					<b>24.03</b>	Cum	3384.00	81324.29

- 7 3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using

concrete mixer in all works upto plinth level  
excluding cost of form work.

3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded  
stone aggregate 40mm nominal size).

		<i>Over Each Steps</i>	2	32.20	1.30	0.10	8.37			
			1	32.20	0.60	0.10	1.93			
							<b>10.30</b>	Cum	2970.00	30602.88
8	Providing & making 12 mm thick cement plaster of mix: <b>Page No.103,Item No.11.2.4</b> (iv) In Cement mortar 1:6 (1 Cement :6 fine sand)									
		<i>Horizontals</i>	1	32.20	--	1.50	48.30			
			1	32.20	--	0.40	12.88			
		<i>Verticals</i>	2	3.20	--	0.40	2.56			
			2	2.00	--	0.80	3.20			
			2	0.80	--	1.20	1.92			
		<i>Exposed Columns</i>								
		<i>Circular Column, C1- 6x1</i>	6	0.94	m	3.25	18.39			
		<i>C2- 11x4</i>	44	0.20	--	2.85	25.08			
					50% quantity of Item 5d		52.70			
							<b>165.03</b>	Sq.M.	91.50	15099.85
9	11.1 Providing and making 6mm thick cement plaster of mix:									
	11.1.2 In Cement mortar 1:4 (1 cement : 4 fine sand)						<b>119.14</b>	Sqm	87.00	119.14
10	Providing and filling in plinth with sand/Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. <b>Page No.11,Item No.1.18</b>									
		<i>Below Steps</i>	1	32.20	3.00	0.90	86.94			
			1	32.20	2.40	0.60	46.37			
			1	32.20	3.00	0.30	28.98			
							<b>162.29</b>	Cum	371.00	60208.85
11	12.49 25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)									
		<i>Lower 2 Steps</i>	2	32.20	--	1.20	77.28			
		<i>Upper Step</i>	1	32.20	--	0.80	25.76			
							<b>103.04</b>	Sq.M.	897.00	92426.88
12	14.13 Providing and applying 2mm thick ready mix exterior grade approved make putty (like Birla wall care, Alltek Superfine W/R of (NCL), Asian, ICI, Nerolac, J.K. wall putty) on walls to make the surface smooth and even.									
					Same as 12mm thick Plaster		165.03			
					Same as 6mm thick plaster		119.14			
							<b>284.17</b>	Sqm	94.50	284.17



- 13 Painting exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturer 's specifications to give protective and decorative finish including cleaning washing of surface etc. complete with.: On new work (two or more coats applied @ 1.43 ltr / 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm) **Page No.133,Item No.14.16.1**

Same as 12mm Thick Cement Plaster **165.03** Sq.M. 74.50 12294.42

- 14 Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat of red oxide zinc chromate primer. **PageNo.81, ItemNo.9.15**  
with frame

Grills 10 3.00 -- 1.00 30.00

Taking 45 Kg/sqm 30.00 x 45 Kg/Sqm 1350  
**1350.00**

Kg 67.50 91125.00

- 15 Painting on new work (two or more coats) to give an even shade with:**Page No.134,Item No.14.22.2(ii)**Premium synthetic enamel paint

Grills 20 3.00 -- 1.00 120.00  
**120.00**

Sq.M. 47.00 5640.00

Total **771982.61**

Say Rs. **772000.00**

DETAILED ESTIMATE OF DEVELOPMENT WORKS OF KHEL PARISHAR AT WARD NO. AT NAGAR PANCHAYAT PAKHANJUR, DIST- KANKER (C.G.)									
[As per CG PWD Building SOR 2015]									
BOUNDARY WALL									
SI No.	Particular's of Item	Nos.	Length	Breadth/ Width	Depth/ Height	Quantity	Unit	Rate	Amount
1	Excavation for all types and sizes of foundation, trenches and drains or for any other purpos including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits. <b>Page No.8,Item No.1.1(i)</b> In all types of soil								
						223.25			
						<u>223.25</u>	@ 3.20m c/c	70.00	Column
	<i>Footing</i>	70.00	1.20	1.20	1.20	<u>120.96</u>	Cum	185.00	22377.60
2	3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
	<i>Footing</i>	70	1.20	1.20	0.10	<u>10.08</u>	Cum	2970.00	29937.60
3	Providing and laying nominal mix reinforced cemert concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.. <b>.Page No.23,Item No.3.2.1</b> (ii)1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size).b) M-20								
	<i>Footing</i>	70	1.00	1.00	0.15	10.50			
		70	0.80	0.80	0.20	8.96			
						<u>19.46</u>	Cum	4163.00	81011.98
	<i>Column + extra columns of joints @15M</i>	85	0.20	0.20	2.85	9.69			
	<i>Beam</i>	1	223.25	0.20	0.30	13.40			
	<i>deduct for columns</i>	85	0.20	0.20	0.30	-1.02			
						<u>22.07</u>	Cum	4163.00	91856.60
	Extra for laying PCC/ RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: <b>Page No.23,Item No.3.4</b>								
	c) M-20								
	<i>Columns</i>	85	0.20	0.20	2.10	7.14			
						<u>7.14</u>	Cum	97.50	696.150
4	Providing and placing in position reinforcement for R.C.C work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation & plinth all complete:thermo Mechanically treated steel bars FE 415 <b>Page No.24, Item</b>								
	Qty of Footing		19.46	60 Kg/Cum		<u>1167.60</u>	kg	54.50	63634.20

**No.3.12.1**

Qty of Beam Col.. 22.07 100 Kg/Cum 2206.50 kg 54.50 120254.25

- 5 Providing and fixing formwork including,shuttering,strutting,staging, propping bracing etc. complete and including its removal at levels, for: **Page No.16,Item No.2.1** (i) Foundation, footings, base of columns and plinth beam in any. Shape and size

<i>Footings</i>	70x4	1.00	--	0.15	42.00			
	70x4	0.80	--	0.20	44.80			
					<u>86.80</u>	Sqm	139.00	12065.2

- (vi) Columns,pillars Piers and likes-rectangular or square shape

<i>Columns</i>	85x4	0.20	--	2.85	<u>193.80</u>	Sq.M.	297.00	57558.60
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- (ix) Beams,lintels,cantilevers & walls

<i>Beam</i>	2	223.25	--	0.30	<u>133.95</u>	Sq.M.	202.00	27057.90
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- 6 Brick work with modular fly-ash lime bricks ( Falg Bricks ) confirming to IS : 1289-2002 to class designation 40 in foundation and plinth in ::Page No.45,Item No.7.5 Cement Mortar 1:6(1 Cement :6 Coarse Sand) Page No.45,Item No.7.5.4 Extra for brick work in superstructure: **PageNo.45, ItemNo.7.6** Above plinth level for every floor or part there of in addition to rate for foundation and plinth Super structure

**(3263.00+121.00)=3384**

<i>Above Plinth Beam Wall</i>	1	223.25	0.20	1.80	80.37			
<i>Deductions</i>								
<i>Columns</i>	85	0.20	0.20	1.80	6.12			
					<u>74.25</u>	Cum	3384.00	251262.00

- 7 Providing & making 12 mm thick cement plaster of mix: **Page No.103, Item No.11.2.4**(iv) In Cement mortar 1:6 (1 Cement :6 fine sand)

<i>Walls</i>	2	223.25	--	2.10	937.65			
<i>Columns</i>	85x2	0.20	--	2.10	71.4			
					<u>1009.05</u>	Sqm	91.50	92328.08

- 8 Painting new exterior surface with PREMIUM ACRYLIC SMOOTH exterior paint of required shade as per manufacturers specification to give protective and decorative finish including cleaning washing of surface etc complete with: on new work ( two or more coats applied at 1.43ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20kg/10sqm)

**Page No.133,Item No.14.16.1**

Same as above quantity 1009.05 Sq.M. 74.50 75174.23

Total **925214.38**

Say Rs. **925000.00**

DETAILED ESTIMATE OF DEVELOPMENT WORKS OF KHEL PARISHAR AT WARD NO. AT NAGAR PANCHAYAT PAKHANJUR, DIST- KANKER (C.G.) ENTRANCE GATE [As per CG PWD Building SOR 2015]									
Sl No.	Particular's of Item	Nos.	Length	Breadth/ Width	Height/ Depth	Quantity	Unit	Rate	Amount
1	Excavation for all types and sizes of foundation, trenches and drains or for any other purpos including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits. <b>Page No.9, Item No.1.1</b> (i)In all types of soil	2	2.20	1.80	1.80	14.26			
		1	5.00	0.30	0.10	0.15			
						<u>14.41</u>	Cu.M	185.00	2665.11
2	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation,plinth and at ground level excluding cost of form work. <b>Page No.23,Item No.3.1.2</b> (ii)1:4:8 (1 cement :4 coarse sand :8 graded stone	2	2.20	1.80	0.15	1.19			
		1	5.00	0.30	0.10	0.15			
		4	1.50	0.50	0.10	0.30			
		2	0.50	0.20	0.10	0.02			
						<u>1.66</u>	Cu.M	2659.00	4408.622
4	Providing and laying nominal mix reinforced cemet concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. <b>Page No.23,Item No.3.2.1</b> (ii)1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size).b) M-20	2	2.00	1.60	0.20	1.28			
		2	1.80	1.40	0.25	1.26			
						<u>2.54</u>	Cu.M	4163.00	10574.020
	c) M-20	4	0.20	0.40	6.25	2.00			
		2	0.60	0.10	3.95	0.47			
	Beam G.B	1	5.00	0.20	0.40	0.40			
	Top beam	1	9.00	0.20	0.60	1.08			
		2	1.10	0.10	0.10	0.02			
						<u>3.98</u>	Cu.M	4163.00	16552.088
	Extra for laying PCC/ RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: <b>Page No.23,Item</b>	4	0.20	0.40	6.25	2.00			
	c) M-20	2	0.60	0.10	3.95	0.47			
		1	9.00	0.20	0.60	1.08			
		2	1.10	0.10	0.10	0.02			
						<u>3.58</u>	Cu.M	97.50	348.660
5	Providing and placing in position reinforcement for R.C.C work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation & plinth all Qty of Footing			2.54	60 Kg/Cum	<u>152.4</u>	Cu.M	54.50	8305.800
	complete:thermo Mechanically treated Qty of Beam Col..			3.98	110 Kg/Cui	<u>437.36</u>	Cu.M	54.50	23836.120
	steel bars FE 415 <b>Page No.24, Item</b>								
6	Providing and fixing formwork ncluding								

	,shuttering, strutting, staging, propping bracng etc. complete and including its removal at levels, for: <b>Page No.16,Item No.2.1</b> (i)Foundation, footings, bass of columns and plinth beam in any. Shape and	2x2	2.00	---	0.20	1.60			
		2x2	1.60	---	0.20	1.28			
		2x2	1.80	---	0.25	1.80			
		2x2	1.40	---	0.25	1.40			
						<b>6.08</b>	Sqm	139.00	845.12
(vi) Columns,pillars Piers and likes- rectangular or square in shape		4x2	0.20	---	6.25	10.00			
		4x2	0.40	---	6.25	20.00			
		2x2	0.60	---	3.95	9.48			
						<b>39.48</b>			
							Sqm	297.00	11725.56
(ix) Beams,lintels,cantillevers & walls.									
		1	9.00	---	1.40	12.60			
		1	5.00	---	1.00	5.00			
		4	1.10	---	0.10	0.11			
						<b>17.71</b>			
							Sqm	202.00	3577.42
7	Brick work with modular fly-ash lime bricks ( Falg Bricks ) confirming to IS : 1289-2002 to class designation 40 in foundation and plinth in ::Page No.45,Item No.7.5 Cement Mortar 1:6(1 Cement :6 Coarse Sand) Page No.45,Item No.7.5.4 Extra for brick work in superstructure: <b>PageNo.45, ItemNo.7.6</b> Above plinth level for every floor or part there of in addition to rate for foundation <b>(3263.00+121.00)=3384</b>	4	1.90	0.40	0.30	0.91			
		2	0.40	0.20	0.30	0.05			
		4	1.10	0.20	0.30	0.26			
		2	0.20	0.20	0.30	0.02			
						<b>1.25</b>			
							Cu.M	3384.00	4223.23
8	13.4 15mm thick Granite work (machine cut, table rubbed & mirror polished) for wall lining (veneer work) in cement mortar 1:3 (1 cement : 3 coarse sand) including pointing with cement mortar 1:2 (1 white cement: 2 marble dust) mixed with matching pigment. (Area of slab should be over 0.5 sqm). 13.4.2 Granite stone black	4	1.90		0.30	2.28			
		2	1.00		0.30	0.60			
		4	1.10		0.30	1.32			
		1	0.60		0.30	0.18			
		4x2	0.20		4.40	7.04			
		4x2	0.30		4.40	10.56			
		2x2	0.60		1.80	4.32			
		1	9.00		1.40	12.60			
						<b>38.90</b>			
							Sqm	2771.00	107791.90
9	Steel work welded in built up sections / framed work including cutting hoisting fixing in position and applying a priming coat of red oxide zinc chromate primer Page No.80,Item No.9.6 In gratings, frames ,guard bar, ladder, railings brackets, gates and similar works. <b>Page No.80,Item gate</b>	2	0.60	--	2.60	3.12			
						3.12			
					3.12	25 Kg/Sqm			
						<b>78.00</b>			
		1	5.00	--	3.00	15.00			
						15.00			
					15.00	45 Kg/Sqm	Kg	68.00	5304.00
						<b>675.00</b>	Kg	68.00	45900.00
10	Painting on new work (two or more coats )								

to give an even shade with: **Page No.134, Item No.14.22.1** (a) Satin synthetic enamel paint (top most approved branded quality)

2	0.60	--	2.60	3.12			
1	5.00	--	3.00	<u>15.00</u>			
				<b><u>18.12</u></b>	55.00	Sqm	996.60

	Total	247054.25
	Say Rs.	247000.00

DETAILED ESTIMATE OF DEVELOPMENT WORKS OF KHEL PARISHAR AT WARD NO. KANKER (C.G.)						AT NAGAR PANCHAYAT PAKHANJUR, DIST-			
[As per CG PWD Building & Road SOR 2015]									
GROUND DEVELOPMENT									
SI No.	Particular's of Item	Nos.	Length	Width/ Breadth	Depth/ Height	Quantity	Unit	Rate	Amount
1	1.19 Providing filling and compacting local earth (from approved source pit) in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	Play Ground	1	7061.00	Sqm	0.30	2118.30			
	Ground Area	1	6382.00	Sqm	0.40	2552.80			
						4671.10	Cum	242.00	1130406.20
2	Supplying and stacking at site decayed cow dung manure from approved source , including loading , unloading and carriage up to 10 km (manure measured in stacks will be reduced by 8% for payment : Page No. 204, Item No. 22.4								
	Play Ground	1	7061.00	Sqm	0.10	706.10			
	Ground Area	1	6382.00	Sqm	0.10	638.20			
						1344.30	Cum	236.00	317254.80
3	22.8 Spreading of sludge, dump manure or/and good earth in required thickness (Cost of sludge, dump manure or/ and good earth to be paid separately).								
					Same as Item 1+ Item 2	6015.40	Cum	17.50	105269.50
4	22.9 Mixing earth and sludge or manure in proportion specified or directed.								
					Same as Item 1+ Item 2	6015.40	Cum	11.00	66169.40
5	22.10 Grassing with ‘Doob’ grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the good earth shall be paid for separately).								
	22.10.3 In rows 5 cm apart in either direction.								
	Ground Area	1	6382.00	Sqm	--	6382.00			
						6382.00	Sqm	6.60	42121.20
6	12.12 Providing and planting maxican carpet grass in mount with soil preparation (with organic manure and plants protection insecticide) and escaping works. Up to 4 month maintenance.								
	Play Ground	1	7061.00	Sqm	--	7061.00			
						7061.00	Sqm	44.00	310684.00
Total									1971905.10
Say Rs.									1972000.00

DETAILED ESTIMATE OF DEVELOPMENT WORKS OF KHEL PARISHAR AT WARD NO.						AT NAGAR
PANCHAYAT PAKHANJUR, DIST- KANKER (C.G.)						
HIGH-MAST LIGHT POLES						
[As per CG PWD Electrical SOR 2020]						
SL NO.	SOR ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	19.2	Supplying erection testing and commissioning of hot dipped galvanised (single dip, minimum 86 micron) <b>12 metre High mast</b> pole on existing RCC foundation with all accessories and equipments, main detailed as below to withstand max wind pressure as per IS 875 Part-3: a) HM shaft made of approx weight 340 kg, sheet thickness 3 & 4 mm, nominal dia 360mm on bottom and 150 mm on top, base plate 25mm thick 520mm dia, approved no of sections (not more than 2) having suitable sectional lengths with slip joints between sections without any circumpherencial welding. b) Double drum winch with Integral single phase power tool (electrical) for lowering & raising of lantern carriage on high mast with separate handle for manual operation of winch with a torque limiting device for safe locking of carriage. c) Raising/lowering type lantern carriage designed to carry specified nos of luminaries, control gear box, junction box. d) Top pulley assemble with weather proof cover. e) Necessary suitable length and size stainless steel wire ropes (minimum 6mm dia and 7/19 construction) for lowering & rising of lantern carriage. f) Suitable size and length multicore flexible copper power trailing cable (minimum 6 sqmm) g) Hinged service door in base section h) Base plate earthing terminal. i) Suitable arrangement for supply distribution with termination of suitable size underground cable in high mast. j) Lightning conductor finial made of 25mm dia 300 mm long G.I.tube having single prong. k) Anchor plate, tem-plates, GI foundation bolts min 6 Nos of 24mm dia 750 mm long (EN 8 Grade) along with nuts washers etc. (RCC fooundation and luminaries will be paid separately)	Each	1	191887.00	191887.00



2	6.29	Supplying of following 230/250 volts LED Flood light fitting with all accessories like driver, heat sink made of die cast aluminium with IP 66 protection and 15 KV surge protection on pole bracket, including connection, earthing, Seperate housing for driver etc complete as per specification and P.A. should be greater than 0.9. LED chip efficacy ratio $\geq 120$ lumens /watt.				
	6.29.11	300 watt	Each	6	17225.00	103350.00
3	9.16	Supplying and fixing TP&N MCB, 440 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.				
	9.16.5	63 amps	Each	1	1316.00	1316.00
4	9.10	Supplying and fixing SP MCB, 240 volts, 'B' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as per specification.				
	9.10.2	40 amps	Each	6	313.00	1878.00
5	12.3	Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe, with charcoal and salt as per specification and IS Code 3043: 1987(R 2016)	Set	1	6209.00	103350.00
6	12.4	Supplying and laying 8 SWG copper wire at 0.50 metre below ground level for conductor earth electrode, including soldering etc. as per specification.	Metre	18	77.00	1386.00
7	15.5	Supplying and laying following sizes one number FRLS PVC insulated /XLPE, PVC sheathed, steel armoured, aluminium conductor power cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as per specification, IS: 1554 (1988, Part 1) / IS: 7098 (1988, Part 1).				
	15.5.14	4 x 16 sq. mm.	Metre	100	126.00	12600.00
		Fabrication, supply, installation, testing and commissioning of cubicle type compartmentalized wall/ floor mounted power cum control panel board of specified size and following depth made				

8	7.19	out of not less than 2 mm thick CRCA MS powder coated sheet with suitable size compartments for bus bars, switchgears and necessary cutouts for voltmeters, ammeters etc as per specifications including powder coating painting but without busbars, switchgears and other accessories etc complete as per specification.				
	7.19.2	Above 300 mm and upto 450 mm deep	sqm	1	7525.00	7525.00
9	19.23	Designing and providing suitable and approved size RCC foundation for 12-30 mere high mast including seel reinforcement form work, embedding 2 nos 50mm dia PVC pipe for cable entry in each foundation, excavation disposal of surplus soil and curing etc. as required including laying and fixing HM foundation bolts with tam plates but excluding the cost of foundation bolts with tam plates etc complete as per specification	cum	2	5219.00	10438.00
10	10.22	Providing and fixing following Time switch (timer) in existing panel including connection, testing and commissioning as per specification.				
	10.22.1	Digital Type	Each	1	1901.00	1901.00
11	14.2	Supplying and laying HDPE pipe of 4kg/Sqcm in ground below road, path etc at a depth not less than 40 cm and upto 90 cm including excavation, dismantling of road if required and refilling the trench with excavated material, ramming and making the surface good etc. as per specification.				
	14.2.1	63 mm outer dia	Metre	100	124.00	12400.00
12	32.3	Providing following size ISI marked FR PVC insulated , PVC sheathed, 3 core submersible copper conductor wire and IS: 694 (2010)				
	32.3.2	2.5 sq mm	Metre	50	55.00	2750.00
13	10.13	Providing and fixing 3 pole, 415/500 volts following rating (AC-1 Duty) power contactor in existing starter/ cubical panel including, connections, testing and commissioning etc. as per specification.				
	10.13.3	60 amps	Each	6	3261.00	19566.00

Total 470347.00

For 06 Nos= 2822082.00

Say Rs:- 2822100.00

DETAILED ESTIMATE OF DEVELOPMENT WORKS OF KHEL PARISHAR AT WARD NO. AT NAGAR PANCHAYAT PAKHANJUR, DIST-KANKER (C.G.)									
DRAIN- 400x600									
[As per CG PWD Building SOR 2015]									
SI No.	Particular's of Item	Nos.	Length	Breadth/Width	Height/Depth	Quantity	Unit	Rate	Amount

Details:-

Length of Drain-	585.00	m
Inner Width of Drain:-	0.40	m
Clear Depth of Drain:-	0.60	m
Bottom Floor Thickness-	0.10	m
Wall Thickness-	0.10	m

1	1.1 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1 In all types of soils.	1	585.00	0.80	0.65	304.20			
						<u>304.20</u>	Cum	185.00	56277.00
2	3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.2 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).	1	585.00	0.80	0.10	46.80			
						<u>46.80</u>	Cum	2659.00	124441.20
3	3.2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).					0.03			
						64.80			
	Floor	1	585.00	0.60	0.10	35.10			
	Walls	1	585.00	0.10	0.60	35.10			
	Drain Cover	1300	0.60	0.45	0.10	35.10			
						<u>105.30</u>	Cum	4163.00	438363.90
4	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.2 Thermo-Mechanically treated bars FE 500D								
	For Drain with Cover	105.30	x	75.00	Kg/Cum	7897.50			
						<u>7897.50</u>	Kg	54.50	430413.75
5	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	Inner Walls	2	585.00	--	0.60	702.00			
	Outer Walls	2	585.00	--	0.70	819.00			
						<u>1521.00</u>	Sqm	139.00	211419.00
6	3.9 Extra for precast PCC/ RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.								
	Drain Cover	1300	0.6	0.45	0.10	35.10			
						<u>35.10</u>	Cum	469.00	16461.90

7	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.								
		<i>Beyond Outer Walls</i>	2	585.00	0.10	0.70	<u>81.90</u>		
							<u><b>81.90</b></u>	Cum	65.00 5323.50
8	1.26 Carriage by mechanical transport upto 5 km lead:								
	1.26.1 Earth				Item No 01- Item No 06		<u><b>222.30</b></u>	Cum	111.00 24675.30
									<i>Total:-</i> 1307375.55
									<i>Say Rs:-</i> 1307400.00