

DETAILED ESTIMATE FOR Temporary food Court (DHABA'S)

SNO.	DESCRIPTION	QUANTITY	UNIT	RATE	AMOUNT	REF:
CIVIL WORK :-						
1	Earth work in surface in excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm onplan including disposal of excavated earth upto 50m and lift upto 1.5 m disposed soil to be levelled and neatlv dressed.	375.00	Sqm			
2	Earth work in excavation by manual means in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan) including dressing of sides and ramming of bottoms,lift upto 1.5m,including getting out the excavated soil and disposal of surplus excavated as directed ,within a lead of 50 m. All Kinds of Soil	45.00	Cum			
3	Dismantaling manually / by mechanically means including disposal of serviceable and unserviceable material out of the site to contractor own dump as per direction of Engineer in charge.					
	RCC wall	50.00	Cum			
	Brick wall	50.00	Cum			
4	Bringing earth from outside & filling back (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cms. In depth & consolidating each deposited layer by ramming and watering etc. upto 4.50 metre depth below general ground level of plot including all leads and lifts, cost of earth royalty, excavation, transportation, loading, unloading and dressing complete.	320.00	Cum			

5	Providing hoisting and fixing upto plinth level pre cast reinforced cement concrete work in string courses,bands,copings,beds plates,anchor blocks,plain window sills and the like including the cost of required centring,shuttering,finishing smooth with 6mm thick cement plaster 1:3 (1 cement: 3 fine sand) on exposed surfaces complete but excluding cost of reinforcement with 1 : 2 : 4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size)	12.00	Cum
6	Supplying and filling in plinth/Basement with river sand under floors including, watering, ramming consolidating and dressing complete.	22.00	Cum.
7	Providing and laying in position cement concrete mechanically compacted of specified grade excluding the cost of centering and shuttering - All work upto plinth level.		
	a) 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	40.00	Cum.
8	Providing and laying in position cement concrete mechanically compacted of specified grade excluding the cost of centering and shuttering - All type of work.		
	a) 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	5	Cum
9	Providing and laying flooring/skirting with tiles laid on 20mm thick bed cement mortar 1:4 (1 cement : 4 coarse sand) finished with flush pointing in white cement paste mixed with pigment to match the shade of tiles including necessary cutting, mitring and laying in pattern all complete as per drawing and direction of Engineer-In-Charge.		
	a) 300 x 300mm Ceramic Kajaria Tiles - (Group-V - Premium Range)	250.00	Sqm

10	<p>Providing and fixing of pre-coated iron profile sheets(size, shape and pitch of corrugation as approved by Engineer-In-charge)0.50mm +/-5% total coated thickness (TCT) Zinc coating 120 gsm as per IS: 277 in 240 mpa steel grade,5-7 microns epoxy primer on both side of the sheet and polyster top coat 15-18 microns.Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as directed by Engineer-In-Charge.The sheet shall be fixed using self drilling/self tapping screws of size (5.5 x 55mm) with EPDM seal or with polymer coated J or L hook,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 in horizontal/vertical or curved surfaces excluding the cost of purlins,rafters and trusses and including a cutting to size and shape wherever required.</p>	250.00	Sqm
11	<p>Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50mm +/- total coated thickness (TCT) Zinc coating 120 gsm as per IS: 277 in 240 mpa steel grade,5-7 microns epoxy primer on both side of the sheet and polyster top coat 15-18 microns using self drilling/self tapping screws or with polymer coated J or L hooks,bolts and nuts ,G.I plain and bitumen washers complete a) Gutter (600 mm over all width)</p>	65.00	Rmt
12	<p>Providing and fixing Aluminium composite panel in cladding, around the M.S frame work,column and wall etc. with 4 mm thick aluminium composite panel as per the manufacturers specification at all heights.The rate shall include all necessary frame work ,tools and plants,scaffolding,technical personnel and as per technical specification,complete as per the direction of the Engineer - in -charge (Items includes cost of aluminium frame ,ACP Panel,Sealants,Scaffolding,Fixtures all machines and all taxes i.e sales tax,excise duty,custom duty etc.complete) The above work to be carried out by a specialised agency approved by the Engineer-in-charge.)</p>	450.00	Sqm

13 Supplying, Providing, Fabricating, Assembling and Erecting at site Tubular Structure consisting of MS Pipe and metal casing conforming to IS 1161/4923 Grade 310 in the profile shaped as per the design and drawing with special plate connectors, pinion joints using SAW / MMAW / MIG welding process including transportation, cutting, threading, machining, leads and lifts upto all heights, tools & plants and necessary scaffolding, etc. required for all operations involved with plate connectors, pinion joints, etc. Rate to include one coat epoxy primer and two or more coat of polyurethane paint to give smooth and even surface as per direction of Engineer in charge

12500.00

Kg

14	Supplying and fixing rolling shutters of approved make, made of required size M.S laths interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5 cm long wire springs Grade No. 2 and M.S top cover of required thickness for rolling shutters.		
	a) 80 x 0.90 mm M.S laths with 0.90mm thick top cover	200.00	Sqm
15	Providing & fixing M.S round holding down bolts with nuts and washers plates complete.	600.00	Kg
16	Providing and laying GP-2 Grout for grouting the foundation bolts at specified locations as per the manufacture locations and direction of the Engineer-In-Charge.	360.00	Each
17	Brick work with F.P.S. bricks of class designation 75 in foundation and plinth in:		
	a) Cement mortar 1:6 (1 cement : 6 coarse sand)	50	Cum
PLUMBING :-			
18	Providing and fixing stainless steel sink with C.I. brackets, C.P. brass chain with rubber plug 40mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete including painting of fittings and brackets, cutting and making good the wall wherever required :	18.00	Each
19	Providing and Laying Concealed pipe including painting with anti corrosive bitumastic paint, cutting chases and making good the walls		
	a) 15 mm dia. Nominal bore.	75	mtr
	b) 20 mm dia nominal bore.	50	mtr
20	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.		
	a) Flexible pipe 40mm dia	18.00	Each

21	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. a) 15 mm nominal bore	18.00	Each
22	Providing laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete. a) 150 mm diameter	60.00	Metre
23	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) around SW pipes including bed concrete as per standard design. a) 150 mm diameter SW Pipe	60.00	Metre
24	Providing and fixing square-mouth S.W. gully trap grade 'A' complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design : a) 100 x100mm size P type With FPS bricks of class designation 75	18.00	Each
25	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design : a) Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : With FPS bricks of class designation 75	3	Each

26	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete : For pipes 100 to 230mm diameter	1	No.
27	Centring and shuttering including strutting, propping etc. and removal of form for:- Manhole covers	20	sqm
28	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete. a) Thermo-mechanically treated bars.(Grade Fe 500)	100	Kg

ELECTRICAL WIRING :-

1	Supplying and wiring of following one way light point with 1.5 Sq. mm PVC insulated stranded copper conductor cable in surface / recess wiring system with PVC conduit including cutting the chases in wall & making good the same wherever necessary, including providing & fixing of M. S. switch box, piano type switch, laminated cover sheet, circuit wiring & insulated copper earth wire etc complete as required Single / first point	36	No.
2	Supplying and wiring of exhaust fan / cabin fan/Ceiling fan point with 1.5 sq mm PVC insulated stranded copper conductor cable in surface or in recess wiring system with PVC conduit including cutting the chases in wall & making good the same wherever necessary, including providing & fixing of M. S. switch box, piano type switch, ceiling rose, laminated cover sheet, circuit wiring & insulated copper earth wire etc complete as required.	18	No.

3	Supplying and wiring of light plug point with 1.5 sq mm PVC insulated stranded copper conductor cable in surface or in recess wiring system with PVC conduit including cutting the chases in wall & making good the same wherever necessary, including providing & fixing of M. S. switch box, piano type 6 Amp switch, 6 Amp 5 pin socket outlet, laminated cover sheet, circuit wiring & insulated copper earth wire etc complete as required.(At the level of table)	18	No.
4	Supplying and wiring of power plug point with 2.5 sq mm PVC insulated stranded copper conductor cable in surface or in recess wiring system with PVC conduit including cutting the chases in wall & making good the same wherever necessary, M S. outlet box, piano type 16 Amp switch, 16 Amp, 6 pin 1 socket, laminated cover plate, insulated copper earth wire etc complete as required (First point).	18	No.
5	Wiring for submain wiring with following sizes of PVC insulated copper conductor wires in conduit as required. 2 x 6 mm ²	250	Rmt
6	Supplying of following sizes PVC insulated and PVC sheathed / XLPE aluminum conductor armoured cable of 1.1 KV Grade a) 35 sqmm x 3.5 core	50	Rmt

ELECTRICAL FIXTURES

7	Installation, testing and commissioning of 1 x 36 watt surface mounting Battens type fluorescent light fixture complete with open construction vacuum impregnated copper ballast, starter, capacitor, reflector, holder, truelite lamp etc complete with all fixing accessories as required and as approved equivalent.	36	No.
8	Installation, testing and commissioning of 18W surface type light fixture complete with copper ballast, holder & 18W PL LAMP complete with all fixing accessories as approved.	18	No.

9	Supply, installation, testing and commissioning of following sizes of heavy duty exhaust fan for single phase 230 volt 50 HZ AC supply complete with motor, blades, frame, bracket, louver / shutter etc as required of GEC/ Crompton make. i)300 mm Exhaust Fan (1400 RPM)	18	No.
10	Supply, installation, testing and commissioning of following sizes of ceiling fan complete with regulator sizes of ceiling fan complete with regulator, double ball bearing, motor, blades, downrod, canopy capacitor etc suitable for operation on 230 volt 50 HZ A.C. supply complete as required of Crompton / orient make. i)1200 mm	18	No.
11	Meter board for shops incoming INCOMING 1No. 100 AMP 4 pole MCCB, 1 No. 0 -500 V with electric switch 1 No. 100 Amp meter with selector switch & CT'S and 01 Set of phase indicating lamp with single pole MCB. Bus Bar 150 AMP TPN Aluminum Bus Bar OUT GOING 19 No. meter chambers each of size 300 x 400 mm having 6mm thick bakelite seat and each meter chamber consisting of following. a) 01 No. 0-30 AMP single phase KWH meter (dual type) b) 32 AMP DPMCB c) 01 No. 6 way 16 AMP connector for DG signal control cabling	1	Set
12	Supplying and fixing following way single pole & neutral sheet steel MCB distribution board consumer unit 240 V on surface /Recessed complete with tinned copper bus bar, neutral bus bar, earth bar, Din Bar, hinged front acrylic cover for MCB nobs detachable gland plate, interconnection, phosphatized and powder painted including earthing etc. as required but (without MCB/RCCB/Isolator) 2 + 4 Wav	18	No.
13	Supplying and fixing following rating, Double pole 240 volts, isolators in the existing MCB DB complete with connections, testing and commissioning etc. as required	18	No.

<p>14 Supplying and fixing following rating,double pole (single phase & neutral) 240 volts ,residual current circuit breaker (RCCB) having a sensitivity current upto 300 miliamperes in the existing MCB DB complete with connections.testina and commisionina etc as required.</p>	18	No.
<p>Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'B' series, miniature circuit breaker suitable for lighting and other loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.</p>	18	No.
<p>i) Single pole</p>		
<p>Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.</p>	18	No.
<p>i) Single pole</p>		