

**KARAIKAL MUNICIPALITY
KARAIKAL**

Name of work: Construction of Slaughter House in Karaikal; S/W: Providing Internal and External Electrification to Slaughter House in Karaikal

Sl. No.	Description of items	Quantity	Unit	Rate in		Amount
				Figures	Words	
1.	20mm dia. ISI marked, PVC conduit Make: Avonplast/Vijaya	450.00 mts.	1 M One Meter			
2.	25mm dia ISI marked, PVC conduit Make: Avonplast/Vijaya	450.00 mts.	1 M One Meter			
3.	20mm PVC Junction box, four way. Make:Avonplast/Vijaya	90.00 Nos.	1 Nos. One Number			
4.	25mm PVC Junction box, four way. Make:Avonplast/Vijaya	90.00 Nos.	1 Nos. One Number			
5.	25mm PVC bends. Make: Avonplast/Vijaya	120.00 Nos.	1 Nos. One Number			
6.	20mm PVC bends. Make: Avonplast/Vijaya	120.00 Nos.	1 Nos. One Number			
7.	375x150x50mm Concealed type teak wood boards	18.00 Nos.	1 Nos. One Number			
8.	300x200x50mm Concealed type teak wood boards	10.00 Nos.	1 Nos. One Number			
9.	150x100x50mm Concealed type teak wood boards	12.00 Nos.	1 Nos. One Number			

Sl. No.	Description of items	Quantity	Unit	Rate in		Amount
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10.	375x150x3mm thick Phenolic Laminated Sheet.	18.00 Nos.	1 Nos. One Number			
11.	300x150x3mm thick Phenolic Laminated Sheet.	10.00 Nos.	1 Nos. One Number			
12.	200x150x3mm thick Phenolic Laminated Sheet.	12.00 Nos.	1 Nos. One Number			
13.	150x100x3mm thick Phenolic Laminated Sheet	12.00 Nos.	1 Nos. One Number			
14.	Supplying and fixing 16 amps Kit Kat Fuse on the existing switch box/cover including connections etc. as required Make: Kundan/Anchor/Vinay:-	29.00 Nos.	1 Nos. One Number			
15.	Supplying and fixing T.V socket outlet on the existing switch box/cover including connections etc. as required Make: Kundan/Anchor/Vinay:-	29.00 Nos.	1 Nos. One Number			
16.	Supplying and fixing Telephone socket outlet on the existing switch box/cover including connections etc. as required. Make: Kundan/Anchor/Vinay:-	29.00 Nos.	1 Nos. One Number			
17.	Supplying and fixing S.P1 way 5/6amps piano/flush type switch on the existing switch box/cover including connections etc. required. Make:Kundan/Anchor/Vinay	29.00 Nos.	1 Nos. One Number			

Sl. No.	Description of items	Quantity	Unit	Rate in		Amount
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18.	Supplying and fixing 3 pin 5/6amps piano/flush type socket outlet on the existing switch box/cover including connections etc. as required. Make: Kundan/Anchor/Vinay	12.00 Nos.	1 Nos. One Number			
19.	Supplying and fixing S.P 1 way 15/16amps piano/flush type switch on the exiting switch box/cover including connections etc. as required. Make: Kundan/Anchor/Vinay	12.00 Nos.	1 Nos. One Number			
20.	Supplying and fixing 3 pin 15/16amps piano/flush type socket outlet on the existing switch box/cover including connections etc.as required. Make: Kundan/Anchor/Vinay	12.00 Nos.	1 Nos. One Number			
21.	Supplying and fixing Step type socket Fan Regulator on the existing switch box/cover including connections etc. asrequired. Make: Kundan/Anchor/Vinay	10.00 Nos.	1 Nos. One Number			
22.	Supplying and fixing following way three pole and neutral, sheet steel, MCB distribution board, 415volts, onsurface/ recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, inter connections, phosphatized and powdered painted including earthing etc as required:(But without MCB/RCCB/ Isolator Make:Siemens/ ABB/L&T Hager. 4 Way(4+12) - TPN, double door, MCB DB, Horizontal Type	4.00 Nos.	1 Nos. One Number			

Sl. No.	Description of items	Quantity	Unit	Rate in		Amount
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23.	Supplying and fixing 6 amps to 32 amps rating, Single pole, 240 volts, 'c' 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. Make:ABB/L&T Hager	44.00 Nos.	1 Nos. One Number			
24.	Supplying and fixing 40 amps to 63 amps rating, Triple pole, 240 volts,'c' series, miniature circuit breaker suitable for lighting and other loads of following poles in the existing MCBDB complete with connections, testing and commissioning etc. as required. Make:ABB/L&T Hager/ Sieman	4.00 Nos.	1 Nos. One Number			
25.	Supplying and drawing of 1.50 sqmm. FR PVC insulated, copper conductor, single core cable in the existing surface/recessed, PVC/steel conduit/PVC casing and capping as required. Make: Havells/L&T:-	3500.00 Mts	1 M One Meter			
26.	Supplying and drawing of 2.5 sqmm. FR PVC insulated, copper conductor, single core cable in the existing surface/recessed, PVC/steel conduit/PVC casing and capping as required. Make: Havells/L&T:-	3000.00 Mts	1 M One Meter			
27.	Supplying and drawing of 4.0 sqmm. FR PVC insulated, copper conductor, single core cable in the existing surface/recessed, PVC/steel conduit/PVC casing and capping as required. Make: Havells/L&T:-	1800.00 Mts	1 M One Meter			
28.	Supplying and drawing of 6.0 sqmm. FR PVC insulated, copper conductor, single core cable in the existing surface/recessed, PVC/steel conduit/PVC casing and capping as required. Make: Havells/L&T:-	900.00 Mts.	1 M One Meter			

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29.	Earthing with G.I medium pipe 3.0 mt long and 40mm dia including accessories 250 x 50 x 6 mm G.I clamp with 12mm bolt, nut and washer for connecting earth wire, RCC ring enclosure and cover plate complete as required:-	3.00 Nos.	1 Nos. One Number			
30.	Extra for charcoal and coconut coir pith for G.I Or Copper plate earth electrode as required:-	3.00 set	1 Set One Set			
31.	1x36w/40w Single tube Street light fittings with sheet aluminium housing and UV stabilized acrylic cover. Make: Philips/Bajaj	8.00 Nos.	1 Nos. One Number			
32.	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1KV grade of size not exceeding 25sq. mmdirect in ground including excavation land cushioning, protective covering and refilling the trench etc as required in Mud Road.	60.00 M.	1 M One Meter			
33.	Supplying and fixing 3 plate, 5 amp. ceiling rose on the existing junction box/wooden block including connections etc. as required. Make:Kundan/Anchor/ Vinay	60.00 Nos.	1 Nos. One Number			
34.	1 x 40W box type single tube light fitting with copper choke & starter without tube. Make: Philips/Bajaj	44.00 Nos.	1 Nos. One Number			
35.	250W Metal Halide fitting with control Gear Box Make:Philips	4.00 Nos.	1 Nos. One Number			
36.	250W SVL lamp Make: Philips	4.00 Nos.	1 Nos. One Number			

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37.	40W tube light. Make: Philips	44.00 Nos.	1 Nos. One Number			
38.	1200mm sweep double ball bearing ceiling fan. Make: Almonard / Usha	7.00 Nos.	1 Nos. One Number			
39.	375mm 1400 rpm heavy duty exhaust fan. Make: Almonard/orient/Usha	18.00 Nos.	1 Nos. One Number			
40.	4 x 16sqmm armoured aluminium U.G cable - 1.1 KV grade. Make: Finolex/polycab	130.00 Nos.	1 Nos. One Number			
41.	40mm dia. GI pipe midium class	40.00 Nos.	1 Nos. One Number			
42.	Aerial board	1.00 No	1 Nos. One Number			
43.	25 x 6 mm pole clamp	1.00 No	1 Nos. One Number			
44.	32/63/100/200A DIN HRC fuse base. Make: Standard//Havells/C&S	3.00 Nos.	1 Nos. One Number			
45.	32-63A HRC fuse link (bolt type). Make: L&T	3.00 Nos.	1 Nos. One Number			
46.	50mm dia, GI pipe medium class	6.00 Mts.	1 M One Meter			

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47.	<p>Fabrication supply, erection testing and commissioning of one no. of timer and metering panel board, for the power supply of over all size 1100mm x 650mm x 250mm made out of 16 SWG thick cold rolled M.S sheet. The front side compartment have energy meter with viewing glass with 10mm hylem sheet. The back side compartments with 40 - 6 A rolling TPN, MCB "C" series. 10 KA breaking capacity (Make Siemens (ABB) 1 No. of timer switch (Daily) analog with battery back up to 200 mets (Make C*C) 1 No. of toggle switch (Make C&C) 3 nos. of signal lamp (Blue, Red,. Yellow) (Make Semens/C&C/L&T/Teknic)"</p> <p>The switch units are to be fixed with in the allotted size in the 10 mm hylem sheet. The bottom sheet of the shell should be of 16 SWG thick cold rolled M.S sheet with brass gland for cable entry. The Panel has to be mounted on the floor with in the height of 375mm. Interior connection between the switch use units are to be done with 10.0 sqmm ISI marked FR PVC insulated single core copper conductor cable (Make - - Finoled _ Polycab). The door should be of flush type inter locking in one position. The panel provided with removable type gland plated to the bottom and with sufficient holes of required diameter. The panel should be painted with two coats of rust proof zinc chromate and two coats of anti corrosive epoxy shade 631 siemens grey paint after completion of derusting process. Earth work excavation of foundation trench of size 1.00m x 0.45m x 0.60m and filling river sand for a depth of 10 cm and PCC 1: 2: 4 of size 1.00m x 0.45m x 0.50m. The cost should be inclusive of minor modification suitable for site condition as approved by the Engineer-in-charge.</p>	1.00 No.	1 Nos. One Number			