



## PROCEEDINGS OF THE COCHIN DEVASWOM BOARD

Estimate for electrical wiring in connection with Air Conditioning at Maramath Office, Cochin Devaswom Board .

- Read
1. Note from AE (Electrical) dt. 02-05-2024
  2. Note from AEE dt. 03-05-2024
  3. Note from EE dt. 03-05-2024
  4. Decision of DC dt. 09-05-2024

Order on H1. 581/2024 dt. 10-05-2024

As per the papers cited above an estimate of Rs. 1,20,000/- (Rupees One lakh and twenty thousand only) is passed and sanction is accorded to execute the above work after inviting local quotations.

The sealed quotations should be received in this office on or before 23 05-2024 at 3 P.M. and will be opened at 3.30 P.M. on the same day in the presence of Executive Engineer, Cochin Devaswom Board/higher officials of Cochin Devaswom Board, Thrissur.

The sealed quotations should be addressed to the Executive Engineer, Cochin Devaswom Board, Thrissur and should contain the PAN number of the quotationer.

A copy of the estimate along with notification is herewith forwarded to Devaswom commissioner Devaswom Assistant Commissioner, Thrissur for exhibiting in their office Notice boards.

(By Order)

Sd/-

V.K. Ramakrishnan  
Assistant Engineer (Electrical)

To

✓ Notice Board, AC- Thrissur,  
CA to DC, EE, AEE, AE(Electrical) ,S.F,

//Approved for issue//

  
Junior Superintendent

A

TS Register No: 196/2024-2025

AS Register No:198/2024-2025

Estimate for Electrical wiring work at Maramath office for Air conditioning

Abstract Estimate

(Dsr year: 2018, Cost Index Applied for this estimate is 35.59%)

1 wiring		
1	1.21.1 Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.20 mm	
		Net Total Quantity 110.000 metre
		Say 110.000 metre @ Rs 98.98 / metre <b>Rs 10887.80</b>
2	1.21.2 Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/ recess including cutting the wall and making good the same in case of recessed conduit as required.25 mm	
		Net Total Quantity 50.000 metre
		Say 50.000 metre @ Rs 107.12 / metre <b>Rs 5356.00</b>
3	1.17.21 Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel/ PVC conduit as required.3 x 4 sq. mm	
		Net Total Quantity 150.000 metre
		Say 150.000 metre @ Rs 138.30 / metre <b>Rs 20745.00</b>
4	1.24.5 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.6 pin 15/16 amp socket outlet	
		Net Total Quantity 7.000 each
		Say 7.000 each @ Rs 207.45 / each <b>Rs 1452.15</b>
5	1.27.2 Supplying and fixing following size/ modules, GI box alongwith modular base & cover plate for modular switches in recess etc as required.3 Module (100mmX75mm)	
		Net Total Quantity 7.000 each
		Say 7.000 each @ Rs 317.28 / each <b>Rs 2220.96</b>
6	1.28.2 Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.3 Module	
		Net Total Quantity 7.000 each
		Say 7.000 each @ Rs 151.86 / each <b>Rs 1063.02</b>

7	1.57 Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	
Net Total Quantity		7.000 each
Say 7.000 each @ Rs 760.66 / each		<b>Rs 5324.62</b>
8	2.8.5 Supplying and fixing following way prewired TP&N MCB distribution board of steel sheet for 415 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FRLS PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator) 4 way (4+12), Double door	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 10207.22 / each		<b>Rs 10207.22</b>
9	2.10.1 Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single pole	
Net Total Quantity		12.000 each
Say 12.000 each @ Rs 237.28 / each		<b>Rs 2847.36</b>
10	2.13.2 Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 amps	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 996.59 / each		<b>Rs 996.59</b>
11	2.14.3 Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required. 63 amps	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 3138.91 / each		<b>Rs 3138.91</b>
12	2.13.3 Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. 100 amps	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 1244.72 / each		<b>Rs 1244.72</b>

13	2.15.3 Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.63 amps	
Net Total Quantity		1.000 each
Say 1.000 each @ Rs 3301.62 / each		<b>Rs 3301.62</b>
14	2.16 Supplying and fixing DP sheet steel enclosure on surface/ recess along with 25/32amps 240 volts "C" curve DP MCB complete with connections, testing and commissioning etc. as required.	
Net Total Quantity		7.000 each
Say 7.000 each @ Rs 1008.79 / each		<b>Rs 7061.53</b>
15	90.12.41.34 Supply, laying and clamping of 1 no. PVC insulated and PVC sheathed armoured copper power cable, 1.1 KV grade of the following sizes using clamps noted along with the cables, spacing of clamps not exceeding 60cms, making good the damages , colour washing etc. as required.4 core 16 sq mm with factory made clamp	
Net Total Quantity		20.000 metre
Say 20.000 metre @ Rs 869.58 / metre		<b>Rs 17391.60</b>
16	9.1.33 Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.4 X 16 sq. mm (28mm)	
Net Total Quantity		2.000 set
Say 2.000 set @ Rs 296.94 / set		<b>Rs 593.88</b>
17	90.16.1.4 Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required4.00 mm copper conductor ( 8 SWG)	
Net Total Quantity		18.000 metre
Say 18.000 metre @ Rs 98.69 / metre		<b>Rs 1776.42</b>
18	90.16.1.3 Supply and drawing bare earthing conductors of the following sizes along with wiring/ cables and giving connection as required3.15 mm copper conductor ( 10 SWG)	
Net Total Quantity		20.000 metre
Say 20.000 metre @ Rs 62.85 / metre		<b>Rs 1257.00</b>
Service Tax @		<b>18.0%</b>
Service Tax Amount		<b>17435.95</b>
Total with Service Tax Amount		<b>114301.95</b>

Lumpsum for round off	5698.05
<b>TOTAL Rs 120000.00</b>	
<b>Rounded Total Rs 1,20,000</b>	
Rupees One Lakh Twenty Thousand Only	

(Cost Index Applied for this estimate is 35.59%)

