

# SCHEDULE OF WORK

NAME OF WORK:- M/O Various Colonies under Dwarka zone Nazul A/C-II  
 SH: Providing & fixing Electrical fittings in Indoor Badminton Hall at Dwarka sports complex sector-11.

S.No.	Description of Item	Qty	Rate	Unit	Amount
1.	Supplying and drawing following size of FR PVC insulated copper conductor single core cable in the existing surface/recessed steel PVC conduit as reqd.				
i.	2x1.5 sqmm	150 Mtr		P/Mtr	
ii	2x2.5 sqmm	100 Mtr		P/Mtr	
iii	2x4 sqmm	50 Mtr		P/Mtr	
2.	Supplying and fixing of following size of steel conduit alongwith accessories in surface/recess i/c painting incase of surface conduit or cutting the wall and making good the same incase of recessed conduit as reqd.				
i	20mm	100 Mtr		P/Mtr	
ii	25mm	100 Mtr		P/Mtr	

3. Supplying and fixing following piano type switch socket on the existing switch box/cover including connections etc. as reqd. 60 Nos Each
- i. 5/6 Amp switch
- ii 15/16 Amp switch 4 Nos Each
- iii 6 pin 15/16 amp socket outlet 4 Nos Each
4. Supplying, fixing, testing, and commissioning of surya make cat. ref SPL 25 SV/MHTCA DAS/1P65 or equivalent make (indoor type) Electric fittings suitable for 250 watt metal Halide tubular lamp for operation on 200 to 240 Volt 50HZ AC supply complete with heat resistance toughened glass cover 250 Watt metal halide tubular lamp i/c cutting of false ceiling for fixing of fitting making connection etc and complete as per technical specifications attached. 40Nos Each
5. Supplying, Installation & commissioning of prewired box type TMS SN/136 HF model of philips make or equivalent make tube fitting complete with copper wound ballast starter, holder, ~~condenser~~ condenser, duly wired to operate on 240 Volt single phase 50HZ AC supply with 1x40 watt florescent tube but without suspension rod directly on ceiling /wall i/c connections with 1.5 mm PVC insl. copper cond single core cable etc. complete as reqd. 6 Nos Each



Supplying & fixing 380mm sweep 900 rpm exhaust fan suitable for operation on 220-240 volt 50HZ A.C supply i/c making connection testing etc. complete as read i/c P/F of louvers in the existing opening making the hole to suit the size of the above & making good the same as read.

4 Nos

Each

S/F of the phenolic laminated sheet of the following sizes on the existing recessed box/cover as read.

8" X 5"

4 Nos

Each

1.11" X 5"

14 Nos

Each

20/12/09  
 Executive Engineer  
 Elect. Division No.  
 D. D. A.

S.No.	Item	Governing Specifications	Remarks
1.	M.S. Conduit	IS: 9537(part-II) 1981	ISI mark only
2.	Phenolic laminated sheet	IS: 2036	The sheet shall be 3mm thick The sheet shall be cut vertical and edges round off.
3.	Piano type switch	IS: 3854	Shall be of approved colours
4.	Three pin socket outlet (procelin) base.	IS: 1293	Shall be of approved colour
5.	Indoor type lumineries	Shall be of Surya, philips, C&S	The fitting shall be die casted aluminors & powder coated housing hinged with frame opening framed visor having heat resistance toughen glass cover & specially designed preanodized aluminium optics to ashieve excellent illuminance in both asymmetrical and double asymmetrical options.
6.	Exhaust fan	Crompton, Usha, Bajaj	
7.	Box type fittings.	Philips, Crompton, Bajaj.	

  
Executive Engineer(E)/ED.5




## ADDITIONAL CONDITION & SPECIFICATIONS.

1. The work shall be carried out as per CPWD specification 2003 (Internal) part-I external 1994 (part-II) and to the entire satisfaction of Engineer-in-charge.
2. The material shall be got approved from the Engineer-in-charge before use at the work.
3. No T&P will be issued to the contractor.
4. No extra payment on a/c of cartage will beside to the contractor.
5. Any loss to installation and injury to labour of contractor during the execution of work shall be responsibility of the contractor.
6. The rates should be inclusive of all taxes/duties.
7. The contractor should familiarise him self with the site before quoting the rates.
8. The watch & ward of the installation/material shall be the responsibility of contractor till the same is handed over to the deptt.
9. The specifications/makes in respect of some items is attached The contractor shall supply any of the makes mentioned therein.
10. Chases/recess in the masonry for amoeadding the conduit boxes and DB's etc shall be in proper line and to the required depth. Any consequential damages shall be made good to the satisfaction of the Engineer-in-charge after the conduit/boxes etc are fixed the chases/recess shall be filled with cement mortar 1:4 (1 cement & 4 corses sand) and made flush with masonry surface and cured adqutely. The rates for carrying out this work is included in the respective item.
11. Any ordinary ~~xxxxxx~~ special accessories, i.e metal boxes if required for the purpose of branching of conduits shall form part of the submain circuit/point wiring further conduit work is inclusives of fittings such as junction boxes, bands couplers etc.
12. Copper bare earth wire wherever required in the boxes shall be sleeved with close fitted PVC sleeve The sleeve portion should be from the and terminal to atleast 10 cm. inside the conduit.

contd...

- 13 The mirror optic luminaries shall be of philips, Surya, Bajaj or C&S make & firm should quote the make & model of the fitting in the tenders. The fittings shall be fixed in the false cutting at the height of 9 mtr. of suitable size. The opening for fittings shall be properly cut & the fittings shall be fixed in proper manner. Any damage done in the existing false ceiling shall be made good by the agency.
- 14 The high bay/medium bay luminaries shall be philips, Bajaj or Crompton make & the firm should quote the make & model of luminaries at the time of tenders.
- 15 The exhaust fan shall be of Usha, Crompton or Bajaj make.

 30/12/09  
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