

BILL OF QUANTITY

Name of work: Construction of Meeting Hall at Tilia G.P.

Sl.No.	Description of item.	Qty	Unit	Rate	Amount
1	Fine dressing of earth work.				
	Fine dressing of earth work in ordinary or hard soil in road formation including cutting filling or earth upto 0.15m depth of surface including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	450.000	Sqm		
2	Earth work in excavation of foundation in hard/ gravel soil				
	Earth work in excavation of foundation in hard soil or gravelly soil not exceeding 0.014 cum in volume within 50 m initial lead and 1.5m initial lift including rough dressing and breaking clods to max. 5cm to 7 cm and laying in layers not exceeding 0.30m in depth and as per direction of E.I.C.	50.000	Cum		
3	Filling foundation & plinth with excavated earth				
	Filling foundation and plinth with excavated earth including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	16.670	Cum		
4	Filling foundation & plinth with sand				
	Filling foundation and plinth with sand including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	10.000	Cum		
5	Providing and laying PCC (1:3:6)				
	Providing and laying plain cement concrete (1:3:6) using 25-40mm size hard granite crusher broken metal including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	11.600	Cum		
6	Providing and laying RCC (1:1.5:3)				
	Providing and laying Reinforcement Cement concrete M-20 grade with 20mm and down size hard granite crusher broken chips including all cost, conveyance, taxes and labour charges excluding cost of reinforcement steel and scaffolding etc. complete as per direction of Engineer-in-charge.	26.000	Cum		
7	Straightening, cutting, bending, binding tying and placing of M.S. reinforcement bars (Plain or Tor) in position including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	28.600	Qntl		
8	Providing and fixing strong, rigid, smooth, levelled, and plumbed CENTERING AND SHUTTERING (Form work) including dismantling the same after the required intervals from the date of casting including cost of all materials, labour, conveyance, loading and unloading, taxes, royalties, scaffolding, sundries, tools and plants, etc., complete as per the direction of the Engineer-in-charge				
A	RCC foundation & Footing base column	20.080	Sqm		
B	RCC Beam Column, girder and bressmer etc	91.200	Sqm		
C	RCC Lintels	19.875	Sqm		
D	RCC Floor & Roof slab	69.360	Sqm		

9	Ash brick masonry work in cement mortar (1:6) in foundation and plinth for all types of works of all thickness including splays cutting, watering, curing cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.(Ash brick will be supplied from Ash brick manufacturing plant of OPGC free of cost, contractor has to arrange his own conveyance for transportation of bricks to site)	13.530	Cum		
10	Ash brick masonry work in cement mortar (1:6) in Superstructure for all types of works of all thickness including splays cutting, watering, curing cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.(Ash brick will be supplied from Ash brick manufacturing plant of OPGC free of cost, contractor has to arrange his own conveyance for transportation of bricks to site)	19.900	Cum		
11	Providing 12mm thick cement plaster in cement mortar (1:6) over brick masonry/ CC work finished smooth after racking out joints including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	243.490	Sqm		
12	Providing 6mm thick cement plaster in cement mortar (1:4) over all types of ceiling plaster work, RCC surface with deep chipping and slurry treatment including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	84.694	Sqm		
13	25mm. thick A.S. flooring in Cement Concrete (1:2:4) laid to required slope with 10mm down aggregates hard granite crusher broken chips, finishing the top with cement slurry, including all cost, watering, curing, conveyance, T & P, royalties, taxes of all materials, scaffolding and labour charges etc complete as per the direction of Engineer-in-Charge.	73.500	Sqm		
14	Supplying, Fabrication and erection of all type of Mild steel Iron work (sectional weight upto 19.8 kg/m) for all type of structures, sheds, grills, doors, fencing posts etc with approved quality (SAIL/ TISCO make) steel structural, angles, channels, plates of all sections at all levels and elevations, painting with 2 (two) coats of high gloss enamel paint over a coat of red oxide primer including all cost of materials, conveyance, taxes, labour charges, T & P, scaffoldings, sundries etc complete in all respect as per direction of Engg-In- Charge	1025.750	Kg		
15	Providign and painting 02 (Two) coats with approved brand and shade distemper of approved quality (Asian/ Shalimar/ Dulux/ berger) on new surface over a coat of primer including through cleaning rubbing out moss and loose scales etc and preparationn of the surface area of application including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	192.551	Sqm		

16	Providign and painting 02 (Two) coats with approved brand and shade Weather proof anti fungal exterior emulsion paint of approved quality (Asian/ Shalimar/ Dulux/ berger) on new surface over a coat of primer including through cleaning rubbing out moss and loose scales etc and preparationn of the surface area of application including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	134.850	Sqm		
17	Writing on Sign Board/ walls etc of all letter & size with synthetic enamel paint base and lettering at all levels and elevation including all cost, conveyance, taxes and labour charges etc, complete as per direction of Engineer-in-charge.	1.500	Sqm		
18	Providing and fixing of M.S Fan clamp type-I or II of 16mm dia MS bar, bend to shape with hooked ends in RCC slabs or beam during laying including painting exposed portion of loops including all cost, conveyance, taxes and labour charges etc. complete as per diection of Engineer-in-charge.	3.000	Nos		

For Electrical works					
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single cable etc. as required. (Group- A)	6.00	Points		
2	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single cable etc. as required. (Group- B)	3.00	Points		
3	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single cable etc. as required. (Group- C)	11.00	Points		
4	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	22.00	Mtr		

5	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required. 2X 6 sq. mm + 1 X 6 sq. mm earth wire	30.00	Mtr		
6	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. (5/6 amps Switch)	4.00	Each		
7	Erection of wall bracket /ceiling fittings of all sizes and shapes containing upto two GLS lamps per fitting, complete with all accessories including connection etc. as required.	5.00	Each		
8	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) (6 way, Double door)	2.00	Each		
9	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "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 10 Amps)	4.00	Each		
10	Supplying and fixing following rating, four pole, (three phase and neutral), 415 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. (40 A)	1.00	Each		
11	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 of 2.7 metre long etc. with charcoal/ coke and salt as required. (Cost for One Set)	1.00	Each		
12	Supplying of approved quality of Ceiling Fan & Regulator, 230 VAC, 1200mm including all cost, conveyance taxes and labour charges etc. complete as per direction of Engineer-in-charge.	3.00	Each		
13	Supplying of 20W LED Tube light retrofit 4 feet including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	6.00	Each		
14	Supplying of 120W LED Flood light fitting including all cost, conveyance, taxes and labour charges etc. complete as per direction of Engineer-in-charge.	4.00	Each		
TOTAL AMOUNT IN (RS.)					
GST EXTRA AS APPLICABLE INDICATED IN PRICE BID					