

**BHAWANIGARH - NABHA - GOBINDGARH BOT ROAD PROJECT**  
**BILL OF QUANTITIES**  
**ADMN. BUILDING ON TOLL PLAZA - BHAWANIGARH - NABHA SECTION**  
**PART-(II) : ELECTRICAL WORK**

S.NO.	DESCRIPTION OF ITEM	QTY.	UNIT	Rate (Rs.) excluding tax in figures and words	Amount(Rs.) in figures and words
1	Wiring for light pt. / fan pt. / exhaust fan pt. / call bell pt. with 1.5 sq.mm. PVC insulated, copper conductor singale core cable in surface/recessed PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor singale core cable etc as required. Group B	65	Point		
2	Wiring for 3 pin 5/6 amps. Plug point with 1.5 sq.mm. PVC insulated, copper conductor cable including providing and fixing 3 pin 5/6 amps. socket outlet on switch board, (in surface/ recessed PVC conduit wiring system) and 5/6 amps. tubler /piano type switch/earthing the 3rd pin, painting etc. as required.	8	Point		
3	Wiring for light/ power plug with 2x4 sq.mm FR PVC insulated, copper conductor single core cable in surface/recessed PVC conduit along with 1 No. with 4 Sq.mm FR PVC insulated copper conductor single core cable for loop earthing as required.	170	Metre.		
4	Wiring for circuit wiring alongwith earth wire with the 2x2.5 sq. mm + 1x2.5 sq.mm earth wire sizes of PVC insulated copper conductor, single core cable in srface/ recessed PVC conduit as required	70	Metre.		
5	Wiring for circuit/ submain wiring alongwith earth wire with 2x1.5 sq.mm. + 1x1.5 sq. mm earth wire of PVC insulated, copper conductor, single core cable in surface/ recessed PVC conduit as required.	75	Metre.		

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S.NO.	DESCRIPTION OF ITEM	QTY.	UNIT	Rate (Rs.) excluding tax in figures and words	Amount(Rs.) in figures and words
6	Supply and fixing metal box of 180 mm x 100 mm x 60 mm deep size on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required.	14	Each		
7	supplying and fixing 5/6 amps switch piano type switch/socket on existing switch box/ cover including connections etc. as reqd.	7	Each		
8	Supplying and fixing 6 Pin 15/16 amps socket outlet piano type switch/socket on existing switch box/ cover including connections etc. as reqd.	7	Each		
9	Supplying and fixing 6 way, three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper busbar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required.	1	Each		
10	Supplying and fixing 5 amps to 32 amps rating, 240 volts, 'C' series, miniature circuit breaker suitable for inductive load of singale pole in the existing MCB DB complete with connections, testing and commissioning etc. as required.	18	Each		
11	Supplying and fixing 63 amps rating, four pole, 415 volts, isolator in the existing MCB DB complete with connection, testing and commissioning etc. as required.	1	Each		

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S.NO.	DESCRIPTION OF ITEM	QTY.	UNIT	Rate (Rs.) excluding tax in figures and words	Amount(Rs.) in figures and words
12	Supplying, Installation, Testing and Commissioning of surface lumineries made out of CRCA sheet steel housing with white reflector filled to the body along with HF ballast & FTL 1X36/40 W flouracent lamp etc. complete as per site requirement. (BJCEB 136/140 WEB of M/s Bajaj or similar superier make.	42	No		
13	Supplying, Installation, Testing and Commissioning of intigral petrol station lumineres for asymmetic light distribution for conpoy of Toll Plaza, complete will all accessories i/c 250 watts lamp etc as per site requirement (BJ PP MHI - 250 OF Bajaj or Similar Superior make)	4	No		
14	Supplying, installation, testing & commissioning of Electric Ceiling fan of the 1200 mm sweep sizes , capacitor type, with double ball bearing complete with 300mm down rod, canopies, shackles, blades, with regulator, suitable for operation on 230V, 50 Hz single phase AC supply confirming to IS St. or Supplying, installation, testing & commissioning of wall fan 600 mm sweep etc. as per site requirement.(Compton/ Usha or similar superior make)	23	No		
15	Installation of exhaust fan upto 450mm sweep in the existing opening, including making the hole to suit the size of the above fan, making good the damage, connections, testing, commissioning and fixing the louvers/shutters complete with frame etc. as reqd. (M/s Crompton similer suprior make)	3	Each		

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S.NO.	DESCRIPTION OF ITEM	QTY.	UNIT	Rate (Rs.) excluding tax in figures and words	Amount(Rs.) in figures and words
16	Supplying and laying 1.1 KV grade 4 core 16 sq. mm. PVC insulated copper armoured cable in ground/ surface, channel etc. as per site requirement.	25	Metre		
17	Supplying, installation, testing and commissioning of Indoor and Outdoor unit following TR split A.C. unit complete with condensing and chiller unit at spacificed location on the existing wall etc i/c refrigeration piping, drain piping, suitable automatic voltage stablizer complete as per site requirement.				
(i)	1.5 TR	2	No.		
(ii)	1 TR	2	No.		
<b>PART-II TOTAL (ELECTRICAL WORK)</b>					
Add VAT @ _____ * on _____ of the quoted rate of PART-II (ELECTRICAL WORKS)					
Add Service tax @ _____ * on _____ of the quoted rate of PART-II (ELECTRICAL WORKS)					
<b>GRAND TOTAL PART-II INCLUDING VAT &amp; SERVICE TAX (IN FIGURES AND WORDS)</b>					

**Note:- The bidder should specifically mention the Amount of VAT/Service Tax in the column provided and should not write "included in the Basic price". On award of work in the invoice also, taxes have to be shown separately**  
**\* To be filled by the Agency/Contractor**

NAME OF AGENCY

SEAL OF AGENCY