Price Bid of Electrical & AC works for Kashi Kachi Block with Toilet at State Bank Academy Campus
-1, Sector 18, Gurugram.

S.No	Description	Units	Qty.	Rate	Amount
A	Electrical works				
1	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light				
	sockets etc. with 1.5 sq.mm. PVC insulated 1100 V Grade copper				
	conductor (FRLS) wires & 1.5 sq.mm. copper earth wire in				
	concealed/ surface using 16 SWG MS conduits, accessories such as				
	bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose etc (whereever required) and chromium plates				
	brass screws/ rowel plug etc. The circuit wiring starting from DB to				
	point control box/ switch box using 2 X 2.5 sq.mm PVC insulated				
	1100 V grade multi- stranded copper conductor wire & 2.5 sq.mm.				
	PVC insulated earth wire (color code to be used). (Flexible conduit/				
	elbow not allowed). The conduit to be laid in ceiling with proper				
	clamps/ wall/ floor and flling the chase with cement mortar and				
	finishing the same in original form/ wooden partition/ above false				
	ceiling with proper clamps etc. all complete.				
	(Wherever required as per standard specifications).				
	i) Each circuit shall have independent earth wire.				
	ii) Each point shall be earthed.				
	iii) Circuit wiring is to be included in point wiring rates.				
i	One light points controlled by one 6 amp. Modular switch.	Nos.	25.00		0.00
ii	Two light points controlled by one 6 amp. Modular switch.	Nos.	6.00		0.00
iii	Three light points controlled by one 6 amp. Modular switch.	Nos.	10.00		0.00
	Four light points controlled by one 6 amp. Modular switch.	Nos.	7.00		0.00
	Five light points controlled by one 6 amp. Modular switch.	Nos.	1.00		0.00
	Six light points controlled by one 6 amp. Modular switch.	Nos.	9.00		0.00
iv	One call bell point with ceiling rose/ 6amp. 3 pin socket controlled	Nos.	3.00		0.00
v	by one 6 amp. Push Modular switch. With call bell Supply, Testing & Commissioning of Flush mount 360 degree ceiling				
'	mount sensor that combiner PIR, IR and Lux level control. The				2.22
	Sensor can also be placed in an automatic "Daylight Harvesting"	Nos.	10.00		0.00
	mode for energy savings				
vi	One 5 pin socket controlled by one 6 amp. Modular switch complete				
	assembly includes plate box etc.	Nes	6.00		0.00
a:	Dependent	Nos.	6.00		0.00
vii	One wall fan/ exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level	Nos.	12.00		0.00
viii	Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor				
	FRLS wires from DB to first 2x6A, 5 Pin modular socket controlled by				
	two 6A switch and looped to the nearest second point with same				
	2*2.5 + 1*2.5 Sqmm copper conductor wires FRLS insulated 1100V				
a	grade (max 3 points per circuit). Primary Point	Nos.	22.00		0.00
	Secondary Point looped	Nos.	42.00		0.00
۳	Note: If looped with Power Secondry point so its only single	1103.	12.00		0.00
	point connected				
2	POWER POINTS				
	Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using				
	2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with				
	independent 1* 4.0 sq.mm earth wire from D.B. to first point 1 <sup>st</sup>				
	socket and 1 <sup>st</sup> to 2 <sup>nd</sup> , socket with 2*2.5 sq.mm. and 1*2.5 earth wire				
	including providing and fixing of 16 Amp, 6 -pin socket with 16 Amp. Switch. (Modular type switch/ socket/ plate etc. complete				
	Amp. Switch. [Modular type switch/ socket/ plate etc. complete assembly) may 2 points per circuit			<u> </u>	
a)	Primary Point	Nos.	7.00		0.00
b)	Secondary Point	Nos.	7.00		0.00

Provide desk top plug is specially provision 1) Multi-connectors for data and power connection. Connectors: 1x Universal Socket, 2x Il/45 internet, 1x VGA, 1x 3.5mm audio Jack 1x usb 2.1 a port) Ilydraulic (pineumatic) open close movement 3) with hottom box 4) Sel-locking mechanical latching mechanical latching mechanical latching mechanics and power connection. Computer port East Press-open pop-up up and the provided mechanical latching mech					T	1
data and power connection. Connectors: 1x Universal Socket, 2x RJ45 Interrept. 1x VGA, 1x 35mm and/ola plack 1x us b 2.1 a portly Hydraulic (pneumatic) open close movement 3) with bottom box 4) Self-locking mechanical latching mechanism 5) Press-open pop-up cover.  3. COMPUTER POINTS  3. COMPUTER POINTS  3. Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from IPS DB to computer point. Each point to lave 2 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter on all 2nd point to 3rd point. (Maximum 3 points in a circuit)  3. Secondary Points  4. Nos.  4.00  5. Secondary Points  5. Secondary Points  5. Secondary Points  6. Secondary Points  6. Nos.  6. Secondary Points  6. Nos.  6. OND  6. OND  7. Primary Points  7. Nos.  8. OND  8. CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, Withing for Voice land in a circuit)  8. CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, Withing for Voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination	5	POP UP BOX POINTS				
data and power connection. Connectors: 1x Universal Socket, 2x RJ45 Interrept. 1x VGA, 1x 35mm and/ola plack 1x us b 2.1 a portly Hydraulic (pneumatic) open close movement 3) with bottom box 4) Self-locking mechanical latching mechanism 5) Press-open pop-up cover.  3. COMPUTER POINTS  3. COMPUTER POINTS  3. Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm. PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from IPS DB to computer point. Each point to lave 2 nos. 6 amps. 5 pin modular type sockets, one 6 amps modular switch with all accessories, inner/ outer plates, metal box etc. and to be fixed on wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter on all 2nd point to 3rd point. (Maximum 3 points in a circuit)  3. Secondary Points  4. Nos.  4.00  5. Secondary Points  5. Secondary Points  5. Secondary Points  6. Secondary Points  6. Nos.  6. Secondary Points  6. Nos.  6. OND  6. OND  7. Primary Points  7. Nos.  8. OND  8. CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, Withing for Voice land in a circuit)  8. CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, Withing for Voice cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination at both ends including providing ferrules at both ends and termination		Provide desk top plug is specially provision 1) Multi-connectors for				
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wooden partitions/ by grouting on wall etc. as per requirement at site. The switch should be fixed above the top of counter with indicator and sockets under the counter  b) Same as above but looped from the above 1st point to 2nd , point and 2nd point to 3rd point (Maximum 3 points in a circuit)  C) Same as above but provide for television. (Maximum 3 points in a circuit)  Primary Points  Nos. 21.00  Nos. 42.00  0.00  Secondary Points  Nos. 10.00  Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2mmthick PVC conduit from UPS D8 to computer point. Each point to have 2 nos. 16 amps 5 pin modular type sockets, 2 No's 16 amps modular switch with all accessories, inner/ outer plates, metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the engineer incharge for the rack supply in server room, PA rack, CCTV, b) Same as above but looped from the above 1st point to 2nd point (Maximum 2 points in a circuit)  Primary Points  Nos. 2.00  0.00  B. CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR TL. SYSTEM.  1.0 TELEPHONE SYSTEM  1.1 Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits of size 20/ 25 mm including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits of size 20/ 25 mm including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits of size 20/ 25 mm including providing ferrul						
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b) Same as above but looped from the above 1st point to 2nd point (Maximum 2 points in a circuit)  Primary Points  Nos. 2.00 0.00  B. CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.  1.0 TELEPHONE SYSTEM  1.1 Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.  2.1 Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.  Nos. 118.00 0.00  2.2 Supplying and fixing 19 U floor mounted (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key).  Nos. 1.00 0.00						
(Maximum 2 points in a circuit)  Primary Points  Nos. 2.00  0.00  CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.  1.0 TELEPHONE SYSTEM  1.1 Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/ 25 mm including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.  2. COMPUTER NETWORKING  2. Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.  Nos. 118.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00						
Primary Points    Primary Points   Nos.   2.00   0.00						
B. CONDUITING FOR TELEPHONE, COMPUTER & CONDUITING, WIRING FOR T.V. SYSTEM.  1.0 TELEPHONE SYSTEM  1.1 Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/25 mm including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.  2 COMPUTER NETWORKING  2.1 Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/25 mm including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.  118.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00		(Maximum 2 points in a circuit)				
WIRING FOR T.V. SYSTEM.  1.0 TELEPHONE SYSTEM  1.1 Wiring for VOICE from Jack Panel in data rack to computer workstation with Cat-6 voice cable in PVC conduits of size 20/25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type. This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.  2 COMPUTER NETWORKING  2.1 Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.  2.2 Supplying and fixing 19 U floor mounted (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 hock & key).  3 Supply Installation Testing & Commissioning of 24 port lack Panel		Primary Points	Nos.	2.00		0.00
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modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the lenght, from the I/O hub to the point.  2.2 Supplying and fixing 19 U floor mounted (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 Nos.  1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.			Nos.	118.00		0.00
in PVC conduits throughout the lenght, from the I/O hub to the point.  2.2 Supplying and fixing 19 U floor mounted (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 Nos.  1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.						
2.2 Supplying and fixing 19 U floor mounted (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 Nos. 1.00 0.00 lock & key).						
opening in the front power panel 1 (horizontal), cable manager 1 Nos. 1.00 0.00 lock & key).		in EVC conduits throughout the lenght, from the I/O hub to the point.				
opening in the front power panel 1 (horizontal), cable manager 1 Nos. 1.00 0.00 lock & key).	2.2	Supplying and fixing 19 U floor mounted (Rack with glass door.				
lock & key).			Nos.	1.00		0.00
2.3 h Supply Installation Tasting & Commissioning of 24 port lack Panel		lock & key).				
1705.   3.00   0.00	2.3 b		Noc	5.00		0.00
			1103.	5.00		0.00

2.4	Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord)	Nos.	118.00	0.00
	Supplying and fixing Patch Cord-1 Meter-	Nos.	118.00	0.00
	CABLES, MAINS & SUBMAINS	11001	110.00	0.00
	Supplying, laying, testing & commissioning of 4 C X 16 sq.mm. at 1100 volts grade PVC insulated aluminum conductor armoured cable with 10 gauge earth G.I wire including cables end termination using appropriate Lugs, Glands, termination acessories, Clamps etc. as required as per specification (LIGHT DB, Power & UPS DB).	RM	120.00	0.00
	DIGENTALITY ON DO LDD		<b> </b>	
D.	Supplying, installing, testing & commissiong of surface/recessed mountings, Double door 415 volts TPN MCB distribution board of steel steel, 1.6mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper busbars, earthbar, common neutral link, din bar for mounting of MCB's detachable gland / knock out plate & with built in loose wire boxl, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/neutral link and ready for installation of following ways as required.			
	Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/load.  Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A.			
	UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link.  All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating.			
	Inside each DB, a DB chart is to be fixed.			
_	12 man TDN DD (LICHT DD 8 ( A norm noint)	NI-	1.00	0.00
a	12-way TPN DB (LIGHT DB & 6 A raw point )	No.	1.00	0.00
	Incomer:-  1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase  Outgoing:-			
	30 Nos.10/16/20 Amp (10 KA) SP MCB		<del>                                     </del>	
			<del>                                     </del>	
b	16-way TPN DB (LIGHT DB & 6 A raw point )	No.	1.00	0.00
	Incomer:-			
	1 No. 63 Amp TPN (10 KA) MCB with 63 A DP RCCB (100 MA) each phase			
	Outgoing:-			
	42 Nos.10/16/20 Amp (10 KA) SP MCB			
	* ' /			
С	4-way TPN DB (POWER & LIGHTING DB)	No.	1.00	0.00
	Incomer:-			
	1 No. 40 Amp TPN (10 KA) MCB with 40 A 4P RCCB (100 MA)			
	Outgoing:-		<del>                                     </del>	
	6 Nos.10/20/25 Amp (10 KA) SP MCB		<del>                                     </del>	
	, , , , , -		<del>                                     </del>	
E	(LIGHT FITTINGS & OTHER ACCESSORIES)		<del>                                     </del>	<del> </del>
			<u> </u>	

	Supplying, installation with hanging support, testing and				
	commissioning of following light fixtures with electronic Ballasts,				
	Tubes, lamps, all fixing materials including connecting wires etc. all				
	complete as per the directions of Engineer-in-charge (All LED Light				
	Fixures should be covered with minimum 3 Years onsite				
	replacement warranty).Philips.Wipro.Tisva				
i	Supplying, fixing, testing and commissioning of Wipro Trimless COB				
	15W, Ceiling Light of make Wipro/Tisva/Phillips or equivalment As	Nos.	116.00		0.00
	specified in tender document or approved by Engineer/Architect.				
	Completing fining tecting and commissioning of commencial temp	Mag	2.00		0.00
ii	Supplying, fixing, testing and commissioning of commercial type Decorative 30 Watts led light of make As specified in tender	Nos.	3.00		0.00
	document or approved by SBI/Architect. (WIPRO/Tisva/Phillips)				
	(Basic cost of Decorative Light Rs.50000/-)				
	(basic cost of Decorative Light Rs.50000/-)				
iii	Supplying, fixing, testing and commissioning of commercial type	Nos.	4.00		0.00
	Decorative 18 Watts led light of make As specified in tender	1100.	1.00		0.00
	document or approved by SBI/Architect. (WIPRO/Tisva/Phillips)				
	(Basic cost of Decorative Light Rs.10000/-)				
<u></u>					
iv	Supplying, fixing, testing and commissioning of commercial type	Meter	90.00		0.00
	Linier Ceiling profile led light Width Minimum 50 mm Material				
	Aluminium, with two number LEDs strips of 240 LEDs 45 Watt				
	along with necessary driver and other related accessories Linier				
	profile light of make As specified in tender document or approved by				
	SBI/Architect.				
V	Supplying, fixing, testing and commissioning of commercial type	Nos.	2.00		0.00
	Spot light 9/12 Watts led light of make As specified in tender				
	document or approved by SBI/Architect. (WIPRO/Tisva/Phillips)				
	(Basic cost of Decorative Light Rs.3000/-)				
:	I ED Cari- f 1:-14: 45 W-4 240 I ED 4 41 Jain 1	M - 4	45.00		0.00
vi	LED Strip for cove lighting 45 Watt 240 LED per meter with driver and necessary installation supporting fittings of Led strip light make as	Meter	43.00		0.00
	specified in tender document or approved by Architect/Bank.				
	specified in tender document of approved by Architect/Bank.				
	Supply, installation & testing comissioning of landscape light <b>Model</b>	Nos.	3.00		0.00
	no: Flood Light (12W-113W) LF04 (Wipro)/ equivalent make				
vii	Philips/ Havills/ Bajaj As specified in tender document by				
	Engineer/Architect.				
viii	Supply & fixing of 450 mm exhaust fan with louvers and Industrial type	Nos.	2.00		0.00
	metal body with all accessories etc. complete of make As specified in				
	tender document or approved by Architect/Bank.				
H	PUBLIC ADDRESS SYSTEM				
1	Point Wiring of 1.5 sq mm twin core shelded type of speaker cable with	Nos.	7.00		0.00
	Providing and fixing in position the following FRLS PVC conduits				
	including all accessories concealed/exposed in F.Ceiling/Wall complete				
	as required including 1.6/2.0 mm thick PVC junction or pull boxes with				
	3mm thick perspex sheet cover plate complete with 1.6 mm dia G.I. pull				
	wires in the length of conduit. including all accessaries.				
2	Supply, installation, testing and commissioning of following Philips				
	(BOSCH) make Music Accessories / Equipments.	Nos.	7.00	+	0.00
a.	Ceiling Speaker Unit 6 Watts				
b	Power Amplifier, min 70 Watts with output transformer etc. complete.	Nos.	1.00		0.00
	Plena Range/ Ahuja or as approved by the Bank capable of taking Inputs				
	from USB Also.				
			T		
	Total Amount of Floatnigal works				0.00
	Total Amount of Electrical works				0.00

Note:- The rates quoted includes all other taxes , duties , loading, unloading , transportation, other expenses etc to site. only GST will be paid Extra