

Name Of Work :-			Providing Switchgear - Cabling for X-Ray Machine with Panel and EI Work at CHC Maroli and EI Work at CHC Mandir, SC Umarkui, Kharjai & Meethabari of Dist. :- Navsari.				
Item No.		Quantity	Item Description	Unit	Rate		Amount
					In Figures	In words	
1		465	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic /white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge. (1) One No. SP 6 Amp.	Ea.	151.50	Rupees One hundred Fifty One Paise Fifty Only	70447.50
2		132	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic /white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge. (2) One No 5 pin plug	Ea.	151.50	Rupees One hundred Fifty One Paise Fifty Only	19998.00
3		95	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic /white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge. (5) Electronic hum Free steps EME Fan regulator	Ea.	398.95	Rupees Three hundred Ninety Eight Paise Ninety Five Only	37900.25
4		86	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic /white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge. (7) Blank Plate Single	Ea.	25.25	Rupees Twenty Five Paise Twenty Five Only	2171.50
5		104	Providing following type of Modular Type Accessories mounted with PVC / metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge. (9) 16 Amp. SP one way switch	Ea.	180.79	Rupees One hundred Eighty Paise Seventy Nine Only	18802.16
6		104	Providing following type of Modular Type Accessories mounted with PVC / metallic/ Wooden box, single mounting base frame covered with textured / metallic /white front plate , modules erected with necessary connections as per site situation directed by Engineer In charge. (10) 6/16Amp. Universal socket	Ea.	199.98	Rupees One hundred Ninety Nine Paise Ninety Eight Only	20797.92
7		145	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on / in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed (b) 25 mm	Mtr.	33.33	Rupees Thirty Three Paise Thirty Three Only	4832.85

Item No.	Quantity	Item Description	Unit	Rate		Amount
				In Figures	In words	
8	401	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) With medium class Rigid PVC pipe and accessories (a) 2 wire 1.5 sq. mm	Mtr.	62.62	Rupees Sixty Two Paise Sixty Two Only	25110.62
9	482	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) With medium class Rigid PVC pipe and accessories (b) 2 wire 2.5 sq. mm	Mtr.	82.82	Rupees Eighty Two Paise Eighty Two Only	39919.24
10	320	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (A) with medium class Rigid PVC pipe and accessories (a) 2 wire 4 sq. mm	Mtr.	112.11	Rupees One hundred Twelve Paise Eleven Only	35875.20
11	25	Providing and erecting Mains with ISI marked, 1.5KV grade electrolyte multi stranded, annealed copper conductor with heat resistant PVC insulated conforms to IS 694, IEC - 227 erected in existing pipe of following size (Specifically for control panel, relays, power switchgears, motor starters & control wiring) with required size of copper lugs, nuts and bolts if required. (b) One wire 1.50 sq. mm	Mtr.	17.17	Rupees Seventeen Paise Seventeen Only	429.25
12	20	Providing and erecting Mains with ISI marked, 1.5KV grade electrolyte multi stranded, annealed copper conductor with heat resistant PVC insulated conforms to IS 694, IEC - 227 erected in existing pipe of following size (Specifically for control panel, relays, power switchgears, motor starters & control wiring) with required size of copper lugs, nuts and bolts if required. (e) One wire 6.00 sq. mm	Mtr.	56.56	Rupees Fifty Six Paise Fifty Six Only	1131.20
13	20	Providing and erecting Mains with ISI marked, 1.5KV grade electrolyte multi stranded, annealed copper conductor with heat resistant PVC insulated conforms to IS 694, IEC - 227 erected in existing pipe of following size (Specifically for control panel, relays, power switchgears, motor starters & control wiring) with required size of copper lugs, nuts and bolts if required. (f) One wire 10.00 sq. mm	Mtr.	91.91	Rupees Ninety One Paise Ninety One Only	1838.20
14	234	Supplying and erecting Flexible PVC insulated multi strand multi core 1.1 kv grade ISI marked copper wires of following size to be erected as directed. (e) 1.50 Sq.mm 3 core round PVC sheathed	Mtr.	46.46	Rupees Forty Six Paise Forty Six Only	10871.64

Item No.		Quantity	Item Description	Unit	Rate		Amount
					In Figures	In words	
15		30	Providing & erecting Switch board for Computer or electric apparatus consisting of following modular type accessories mounted with PVC / Metallic concealed / open box with single mounting base frame covered with textured / metallic / white front plate, modules erected with necessary connections as directed 1 no. 6A/16A universal plug-switch combined. 3 nos. 6A Switch 3 nos. 6A 5 pin Plug For Modular Type Accessories	Ea.	1133.22	Rupees One Thousand One hundred Thirty Three Paise Twenty Two Only	33996.60
16		4	Supply of Fibreglass Platform Step (A Type) Ladder - 6 FT having following specifications : It should have large fully serrated platform 15" wide 20" deep which locks ladder , Aluminium feet with thick rubber tread, top rail guard to serve as a railing, two pairs of gusset support at the bottom step and All gussets are heavy duty steel. Capacity : 300 lbs. Step Width : 3' Approx. spread : 50" Width : 26.5" Approx. Wt. : 16 Kg Approx. Cube : 8.15"	Ea.	19377.86	Rupees Nineteen Thousand Three hundred Seventy Seven Paise Eighty Six Only	77511.44
17		2	Supply of Fibreglass Platform Step (A Type) Ladder - 10 FT having following specifications : It should have large fully serrated platform 15" wide 20" deep which locks ladder , Aluminium feet with thick rubber tread, top rail guard to serve as a railing, two pairs of gusset support at the bottom step and All gussets are heavy duty steel. Capacity : 300 lbs. Step Width : 4' Approx. spread : 75" Width : 32" Approx. Wt. : 29 Kg Approx. Cube : 15.31	Ea.	27978.01	Rupees Twenty Seven Thousand Nine hundred Seventy Eight Paise One Only	55956.02
18		2	Supply of Fibreglass Platform Step (A Type) Ladder - 18 FT having following specifications : It should have large fully serrated platform 15" wide 20" deep which locks ladder , Aluminium feet with thick rubber tread, top rail guard to serve as a railing, two pairs of gusset support at the bottom step and All gussets are heavy duty steel. Capacity : 300 lbs.	Ea.	35590.38	Rupees Thirty Five Thousand Five hundred Ninety Paise Thirty Eight Only	71180.76

Item No.		Quantity	Item Description	Unit	Rate		Amount
					In Figures	In words	
19		110	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/ CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/ name 160V to 270V, Power Factor more than 0.95, THD < 15%, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/ watt, LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (v) 36-40 Watts, Surge-2 KV, IP-20, conventional 4 feet.	Ea.	535.30	Rupees Five hundred Thirty Five Paise Thirty Only	58883.00
20		52	Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection,Polycarbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5 (iii) 10 to 15 watts	Ea.	188.87	Rupees One hundred Eighty Eight Paise Eighty Seven Only	9821.24
21		12	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses, with toughened glass with company mark/name engraved or embossed 160 to 270 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K,Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %.(fittings required LM-79 & LM-80 certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Street Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (i) above 36 to 48 watts	Ea.	3345.12	Rupees Three Thousand Three hundred Fourty Five Paise Twelve Only	40141.44

Item No.	Quantity	Item Description	Unit	Rate		Amount
				In Figures	In words	
22	30	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses, with toughened glass with company mark /name engraved or embossed 160 to 270 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K,Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %. (fittings required LM-79 & LM-80 certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Street Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (ii) above 48 to 60 Watts	Ea.	4997.48	Rupees Four Thousand Nine hundred Ninety Seven Paise Forty Eight Only	149924.40
23	4	Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses, with toughened glass with company mark /name engraved or embossed 160 to 270 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K,Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %. (fittings required LM-79 & LM-80 certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.)(B) Flood Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (iv) above 90 to 120 watts	Ea.	7266.95	Rupees Seven Thousand Two hundred Sixty Six Paise Ninety Five Only	29067.80
24	2	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 KA. at 415 V, having normal current rating up to 25 A to 100A. with Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only	Ea.	6173.12	Rupees Six Thousand One hundred Seventy Three Paise Twelve Only	12346.24
25	2	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 35 KA. at 415 V. having normal current rating 125A. with Fixed thermal & magnetic release suitable to work on A.C.supply 50 c/s. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only	Ea.	8055.76	Rupees Eight Thousand Fifty Five Paise Seventy Six Only	16111.52

Item No.	Quantity	Item Description	Unit	Rate		Amount
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26	1	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 35 KA. and above at 415 V. having normal current rating 250A. with variable thermal & magnetic release suitable to work on A.C.supply 50 c/s. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only	Ea.	20946.39	Rupees Twenty Thousand Nine hundred Forty Six Paise Thirty Nine Only	20946.39
27	1	Providing and erecting Approved make Earth fault Relay suitable to mount with inter connection suitable to following size of moulded case circuit breaker having CT ratio & MCCB rating as following along with shunt trip 220V AC. with all internal connections & complete erected in existing M.S.housing.. (3) 250 A -400 A , CT Ratio 1/400	Ea.	5415.62	Rupees Five Thousand Four hundred Fifteen Paise Sixty Two Only	5415.62
28	3	Providing and erecting following additional parts for panel mounting MCCBs (A) Extended operating rotary handle with pad lock with three position trip,off,on suitable for 25A to 250 A panel mounting	Ea.	873.65	Rupees Eight hundred Seventy Three Paise Sixty Five Only	2620.95
29	1	Supplying & erecting approved make Four Pole 415V change over switch interior for panel mounting with operating mechanism A.C.23 duty confirming to IS for (E)250A / 320A	Ea.	13353.21	Rupees Thirteen Thousand Three hundred Fifty Three Paise Twenty One Only	13353.21
30	2	Supplying and erecting triple pole & neutral 440V / 500V panel mounting Copper Busbars with four equal Nos. of electrolyte bus having current density not more than 1.6 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each bar, erected in existing cubical panel with necessary connections. (B) Suitable for 200 Amp. capacity	Rn.Mtr	3201.70	Rupees Three Thousand Two hundred One Paise Seventy Only	6403.40
31	150	Providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark	Ea.	112.11	Rupees One hundred Twelve Paise Eleven Only	16816.50
32	12	Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity	Ea.	299.97	Rupees Two hundred Ninety Nine Paise Ninety Seven Only	3599.64
33	12	Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (b)40 Amp.	Ea.	668.62	Rupees Six hundred Sixty Eight Paise Sixty Two Only	8023.44
34	14	Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity (c)63 Amp.	Ea.	737.30	Rupees Seven hundred Thirty Seven Paise Thirty Only	10322.20

Item No.		Quantity	Item Description	Unit	Rate		Amount
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35		50	Providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (i) 25 Amps.DP	Ea.	1969.50	Rupees One Thousand Nine hundred Sixty Nine Paise Fifty Only	98475.00
36		44	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	Kg.	794.87	Rupees Seven hundred Ninety Four Paise Eighty Seven Only	34974.28
37		16	Supplying & erecting earth pit of minimum bore dia.150mm size approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free hot dipped G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications with chamber and heavy duty cover. (A)(approved make OEM has to submit test certificate including value of earth resistance of installation duly stamped and signed by agency and officer Incharge has to ensure the value of earthing resistance mentioned in test Certificate) & having back filling compound of (B) Inner chemical (CCM Compound)- Resistivity:- 0.2 ohm / meter testing as per IEC 62561-2017, Voltage drop:- < 1 volt at no load & dry form, Sulphur content:- <2%(C) Back fill Compound :- Earthing compound should be capable to retain moisture for long time Necessary test report must be submitted by Agency. (a) For Electrical Installation up to 440V in normal soil Length of pipe - 1 Mtr Back filling compound - 1 Nos Bag of 15 Kg.	Ea.	4591.46	Rupees Four Thousand Five hundred Ninety One Paise Forty Six Only	73463.36

Item No.	Quantity	Item Description	Unit	Rate		Amount
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38	2.8	Providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board necessary IP-42 and above protection as per approval from engineer incharge made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S. sheet for internal partitions with necessary accessories, supporting angles/ flats channel including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses/MCB for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket, heavy duty end terminal connection, danger notice board, necessary ventilation, earthing strip complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size. (A) locally fabricated panel board (i) with 350mm depth	Sq.Mtr	10468.65	Rupees Ten Thousand Four hundred Sixty Eight Paise Sixty Five Only	29312.22
39	2	Providing and erecting Meter cover made from multi chamber hollow PVC sections of 20 mm thick having all the corner joints with PVC solution angles without using any screws, nails shutters having required size of eye glass and with necessary locking arrangement hinged with box. The back of meter box should be fixed with timber. Hold fast for holding screws or nut bolts.	Sq.Mtr	3339.06	Rupees Three Thousand Three hundred Thirty Nine Paise Six Only	6678.12
40	30	Providing, erecting, fabricating the M.S. structure as per requirement on site incorporating proper size of M.S. angles, square, round, flats, bars, channels, sections complete with cutting, welding, grinding & finishing duly painted with one coat of red oxide with erection on site as per direction of engineer in charge with necessary grouting, cementing, plastering & finishing complete.	Kg.	77.77	Rupees Seventy Seven Paise Seventy Seven Only	2333.10
41	26	Providing and erecting XLPE (IS:7098) (I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (D) 3 1/2 core 70 Sq. mm (35 Sq. mm 1/2 core)	Mtr.	378.75	Rupees Three hundred Seventy Eight Paise Seventy Five Only	9847.50
42	54	Providing and erecting XLPE (IS:7098) (I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (G) 3 1/2 core 150 Sq. mm (70 Sq. mm 1/2 core)	Mtr.	731.24	Rupees Seven hundred Thirty One Paise Twenty Four Only	39486.96

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43	385	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand / Solid Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (A) 4 core 4 Sq. mm	Mtr.	117.16	Rupees One hundred Seventeen Paise Sixteen Only	45106.60
44	90	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (A) 4 core 16 Sq. mm	Mtr.	153.52	Rupees One hundred Fifty Three Paise Fifty Two Only	13816.80
45	150	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand / Solid Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (B) 4 core 4 Sq. mm	Mtr.	364.61	Rupees Three hundred Sixty Four Paise Sixty One Only	54691.50
46	82	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Copper conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe at road crossing or floor of following size of cables. (C) 4 core 25 Sq. mm	Mtr.	1504.90	Rupees One Thousand Five hundred Four Paise Ninety Only	123401.80
47	31	Providing and erecting Approved make Ceiling fan with double ball bearing ISI mark with condenser A.C. 230V.50 c/s.1200 mm. sweep complete, canopy erected on existing hook or clamp with earthing. [Make shall be approved by Engineer in charge]	Ea.	1596.81	Rupees One Thousand Five hundred Ninety Six Paise Eighty One Only	49501.11
48	10	Supplying & erecting single phase approved make industrial exhaust fan suitable for medium duty ring mounted low noise operation suitable for medium duty having following dia size and maximum speed in RPM [A] 305 mm dia 900 RPM	Ea.	2054.34	Rupees Two Thousand Fifty Four Paise Thirty Four Only	20543.40
49	30	Rewinding of Any fan by using supper enamelled copper wire and over hauling and putting in working order with original speed with guarantee for one year including credit of D.M. retained by Agency.	Ea.	401.98	Rupees Four hundred One Paise Ninety Eight Only	12059.40
50	58	Replacing condenser for ceiling fan/ Exhaust Fan / Pedestal Fan / Table Fan / Cabin Fan {Credit of D.M. retained by Agency.}	Ea.	64.64	Rupees Sixty Four Paise Sixty Four Only	3749.12
51	38	Providing & erecting approved make street light / wall mounting junction box compression moulded from SMC (thermoset plastic) vertical sliding cover having locking with square head stud loop in / loop out in built terminal suitable for four core cable, waterproof of I.P. 54 protected with clamp or bolt nut & earth bolt of following size. (C) 327mm x 254mm x 120 mm	Ea.	1032.22	Rupees One Thousand Thirty Two Paise Twenty Two Only	39224.36
52	29	Supplying and erecting B class galvanised iron pipe 32 mm outside dia 45 cm long duly welded on 20 cm x 20 cm x 3 mm thick M.S. base plate, erected on wall or corner for mounting street light luminaire with necessary hardware materials duly painted.	Ea.	343.40	Rupees Three hundred Forty Three Paise Forty Only	9958.60

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53	2	Supplying & erecting approved make Digital time switch having lithium cell 6 years operative and operate battery backup 1 channel day clock with 14 memory programme, suitable to operate on 240V + 5%, 16A with, floating contacts Minimum switching setup time 1 minimum & LCD display. Also comprised permanent ON/OFF switching. Programming switches & housed in fire proof thermoplastic enclosure & transparent cover erected as required with necessary connection erected as directed.	Rmt.	3168.37	Rupees Three Thousand One hundred Sixty Eight Paise Thirty Seven Only	6336.74
54	2	Supplying and erecting Direct-on-line, Starter with 15A. rating contractor and with 4-14A. range, directly operated thermal overload relay in sheet steel enclosure for 3 phase 415V.50 c/s. A.C. motor up to 7.5 H.P. complete erected on P.W. Block with necessary connection.	Ea.	2046.26	Rupees Two Thousand Forty Six Paise Twenty Six Only	4092.52
55	2	Providing and erecting AC-3 duty 3 pole power contactor with 2 NO & 2 NC aux contacts complete with 415V/220V operating coil suitable for (L&T, BCH,T.C., Siemens, C&S make). (A) for 25 / 32 A rating	Ea.	3253.21	Rupees Three Thousand Two hundred Fifty Three Paise Twenty One Only	6506.42
56	1	Supplying and erecting approved make panel mounting type Digital Voltmeter having 3 digits LED display, 0 to 750 AC Volts range erected on existing panel board with all connection, wiring etc .with manufacturers calibration certificate.	Ea.	1275.63	Rupees One Thousand Two hundred Seventy Five Paise Sixty Three Only	1275.63
57	1	Supplying and erecting approved make panel mounting type Digital Ammeter having 3 digits LED display, external CT operated, calibrated for 0 to 1000 Amps suitable to operate on 500 Volt AC , erected on existing panel board with all connection, wiring etc .with manufacturers calibration certificate.	Ea.	1558.43	Rupees One Thousand Five hundred Fifty Eight Paise Forty Three Only	1558.43
58	2	Supplying and erecting Ammeter / Voltmeter selector switch for 3 phase AC Supply 500 V on existing panel board with necessary connections.	Ea.	317.14	Rupees Three hundred Seventeen Paise Fourteen Only	634.28
59	1	Providing & erecting L.T. Current Transformer with bar primary 50/5 to 1000/5 ratio 15 VA burden erected in existing CRCA box duly secured with insulating materials connected to the meter	Ea.	274.72	Rupees Two hundred Seventy Four Paise Seventy Two Only	274.72
60	1	Supplying & erecting approved make Power Factor Meter 150mm dia flush/projection type/ balanced & unbalanced load to work with appropriately provided CT's 100/5A to 400/5A ratio & other accessories complete erected in M.S. box & connected to the circuit by means of PVC copper Core leads.	Ea.	5102.52	Rupees Five Thousand One hundred Two Paise Fifty Two Only	5102.52
61	6	Supplying and erecting approved make suitable panel indicator lamps of LED type lamp, lens cover, Bakelite holder complete erected with necessary connections.	Ea.	43.43	Rupees Forty Three Paise Forty Three Only	260.58

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62	2	S.I.T.C. of single phase submersible pump set suitable for 100 mm size or more dia bore well having motor capacity and discharge as under with necessary panel box. Lifting and Lowering taken extra. (c) Motor rating 2 HP (17 stage) pump having capacity of 106 LPM at 40 mtr head suitable for 32 mm dia. delivery pipe	Nos	18386.04	Rupees Eighteen Thousand Three hundred Eighty Six Paise Four Only	36772.08
63	146	Providing and erecting ISI marked PVC insulated PVC Sheathed Flat flexible Submersible copper cable approved make of following Size. (b) 3 Core x 2.5 Sq. mm.	Mtr	104.03	Rupees One hundred Four Paise Three Only	15188.38
Total Amount (without GST) in Rs.						1677192.87
Say Total Amount (without GST) in Rs.						1677193.00
Note :- Dismetal Materil Wii be Diducted From First R.A. Bill OR First and Final Bill.						
64	1	Dismantling the existing light, fan, bell, wiring with mains of all types along with accessories etc. complete.	L.S.	-34347.00		34347.00

Additional Assistant Engineer (Elect.)
PIU, Navsari

Deputy Executive Engineer (Elect.)
PIU, Navsari

Executive Engineer (Elect.)
PIU, Surat