

# GUJARAT STATE POLICE HOUSING CORPORATION LIMITED, RAJKOT

**Name of Work :- Remaining work of Special Repair to Police Staff Qrters Cat. B-24 (G+2) at Salaya and Internal Trimix Road For Marine Police Station at Vadinar, Dist.- Dev Bhumi Dwarka (Including Electrification)**

## Schedule-B

**Statement showing the approximate quantities for the items of the above work to be carried out and**

**Cost put to Tender for Rs. 3014342.17**

Item No.	Description of Item	Total Quantity	Unit	Quated Rate in		Total Amount Rs.
				Rate Rs.	In Words	
[1]	[2]	[3]	[4]	[5]	[6]	[7]
(A)	<b>CIVIL WORK:</b>					
1	Dismantling existing plaster racking out joints and cleaning the surface for plaster at all heights including disposal of rubbish to the dumping ground within of any lead.	1394.38	Sqm	19.69	Rupees Nineteen and Paisa Sixty Nine Only	27455.34
2	Dismantling Sanittary fitting like wash basin, W.C. pan indian and europion type, flushing tank etc. including staking the material with all lead and lift.	18.00	NO.	410.13	Rupees Four Hundred Ten and Paisa Thirteen Only	7382.34
3	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	354.00	Sqm	48.63	Rupees Fourty Eight and Paisa Sixty Three Only	17215.02
4	Providing 10mm thick cement plaster in single coat of interior plastering and finished even and smooth in cement mortar 1:3 (1 cement; 3 sand) and finishing with a floating coat of neat cement slurry including providing and mixing I.S.I. make water proofing material in cement mortar in proportion recommended by the manufacturer for ALL FLOORS.	180.00	Sqm	191.90	Rupees One Hundred Ninety One and Paisa Ninety Only	34542.00
5	Providing CEMENT VATA ( 10 cm. x 10 cm. )size quarter round in cement mortar 1:1 including neat cement finishing, watering etc.complete	324.00	Rmt	24.04	Rupees Twenty Four and Paisa Four Only	7788.96
6	Providing and laying Acrylic Base (zycosil) equivalant water proofing paint in two coats to vertical and horizontal surface of depressed portion of bath and W.C. as directed by engineer -in- charge. This treatement shall be carried out over and above water proofing cement plaster.	180.00	Sqm	110.70	Rupees One Hundred Ten and Paisa Seventy Only	19926.00
7	Providing and laying ordinary Cement Concrete 1:2:4 including finishing smooth and curing complete,including cost of formwork but excluding cost of reinforcement For all Floors.	13.50	Cum	4334.43	Rupees Four Thousand Three Hundred Thirty Four and Paisa Fourty Three Only	58514.81
8	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand) (B) Conventional	2.00	Cum	4172.60	Rupees Four Thousand One Hundred Seventy Two and Paisa Sixty Only	8345.20
9	Providing 10mm. thick cement plaster in single coat on ceiling for interior plastering and finished even and smooth in C:M 1:3 (1 cement; 3 sand) including finishing with a floating coat of neat cement slurry AT GROUND FLOOR.	172.00	Sqm	209.88	Rupees Two Hundred Nine and Paisa Eighty Eight Only	36099.36
10	Providing 10mm. thick cement plaster in single coat on ceiling for interior plastering and finished even and smooth in C:M 1:3 (1 cement; 3 sand) including finishing with a floating coat of neat cement slurry AT FIRST FLOOR.	179.00	Sqm	236.36	Rupees Two Hundred Thirty Six and Paisa Thirty Six Only	42308.44
11	Providing 10mm. thick cement plaster in single coat on ceiling for interior plastering and finished even and smooth in C:M 1:3 (1 cement; 3 sand) including finishing with a floating coat of neat cement slurry AT SECOND FLOOR.	179.00	Sqm	262.84	Rupees Two Hundred Sixty Two and Paisa Eighty Four Only	47048.36
12	Providing 15 mm. thick cement plaster in single coat on wall for interior plastering and finished even and smooth in C:M 1:4 (1 cement; 4 sand) including finishing with a floating coat of neat cement slurry AT GROUND FLOOR.	185.00	Sqm	209.38	Rupees Two Hundred Nine and Paisa Thirty Eight Only	38735.30

13	Providing 15 mm. thick cement plaster in single coat on wall for interior plastering and finished even and smooth in C:M 1:4 (1 cement; 4 sand) including finishing with a floating coat of neat cement slurry AT FIRST FLOOR.	186.00	Sqm	237.85	Rupees Two Hundred Thirty Seven and Paisa Eighty Five Only	44240.10
14	Providing 15 mm. thick cement plaster in single coat on wall for interior plastering and finished even and smooth in C:M 1:4 (1 cement; 4 sand) including finishing with a floating coat of neat cement slurry AT SECOND FLOOR.	186.00	Sqm	266.32	Rupees Two Hundred Sixty Six and Paisa Thirty Two Only	49535.52
15	Providing 20mm thick SAND FACED cement plaster on walls above ground level consisting 12mm thick backing coat of C:M 1:3 (1 cement; 3 sand) and 8mm thick finishing coat of C:M 1:1 (1 cement; 1 sand) etc. complete for any height.(Gukta Plaster)	307.38	Sqm	312.56	Rupees Three Hundred Twelve and Paisa Fifty Six Only	96074.69
16	Providing and fixing water closet squatting pan (Orissa type W.C. pan) first quality with UPVC S trap of 100 mm including jointing the trap with UPVC Pipe (size 580mm X 450 mm in vitreous china white colour).Rate also includes making holes in RCC slab / Beam and fixing the trap in hanging position by M.S. clamps of required size fitted in ceiling.	18.00	NO.	1207.07	Rupees One Thousand Two Hundred Seven and Paisa Seven Only	21727.26
17	Providing and fixing U.PVC/SWR Nahni Trap of the following nominal dia self cleaning design with top tile and strainer including cost of cutting and making good the wall and floors 100mm inlet and 50mm outlet including 150mm x 150mm stainless steel jali.	36.00	NO.	568.89	Rupees Five Hundred Sixty Eight and Paisa Eighty Nine Only	20480.04
18	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screw down Bib Tap. (i) 15 mm dia.	96.00	NO.	184.98	Rupees One Hundred Eighty Four and Paisa Ninety Eight Only	17758.08
19	Providing & laying 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 ( 1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc.complete for antiskit.	60.50	Sqm	1453.19	Rupees One Thousand Four Hundred Fifty Three and Paisa Nineteen Only	87918.00
20	Providing & laying Printed Coloured GLAZED TILES 8mm thick in skirting, risers of steps and DADO on 10mm thick cement plaster 1: 3 ( 1 cement : 3 coarse sand ) & jointed with white cement slurry. including curing for all Floors size of Tiles Shall be 600mmx300mm.	209.50	Sqm	1473.50	Rupees One Thousand Four Hundred Seventy Three and Paisa Fifty Only	308698.25
21	Providing and laying 25mm thick Rough KOTAH STONE SLAB FLOORING over 20mm average thick base of cement mortar 1:6(1 cement; 6 coarse sand) over and jointed with grey cement slurry including rubbing and polishing etc. complete for All floors.	18.00	Sqm	676.05	Rupees Six Hundred Seventy Six and Paisa Five Only	12168.90
22	Providing , Fabricating and fixing M.S. GRILL/GATE of approved pattern fabricated from M.S. flat,square bars, round bars,c-channel, box pipe as per detail Drawings. Rate is inclusive of welding with grinding smooth surface, two coats of Oil paint and one coat of yellow Zinc primer coat of approved brand only. Oil paint shall be Luxol Enamel paint of Berger Paint india limited. or asian paint apcolite premium gloss Enamel of asian paint or Dulux premium gloss enamel of dulux paint only structural steel shall be isi mark only	303.00	KG	75.10	Rupees Seventy Five and Paisa Ten Only	22755.30
23	Providing and fixing to wall ceiling and floor U.PVC/S.W.R. soil waste pipe with "O" ring of ISI13592/92, Rate inclusive of all fittings like single or double "Y" with door, reducer, coupler single T with door bend, pipe clip on Z-Patti G I etc.complete and making good the wall ceiling and floor. (B) 75mm dia	110.00	Rmt	264.97	Rupees Two Hundred Sixty Four and Paisa Ninety Seven Only	29146.70
24	Providing and fixing to wall ceiling and floor U.PVC/S.W.R. soil waste pipe with "O" ring of ISI13592/92, Rate inclusive of all fittings like single or double "Y" with door, reducer, coupler single T with door bend, pipe clip on G I Z patti etc.complete and making good the wall ceiling and floor. (B) 110mm dia	66.00	Rmt	495.91	Rupees Four Hundred Ninety Five and Paisa Ninety One Only	32730.06

25	Providing and fixing in position Upvc cowel went to pipes.(B) 75mm dia.	9.00	Each	16.47	Rupees Sixteen and Paise Fourty Seven Only	148.23
26	Providing and fixing in position Upvc cowel went to pipes.(C) 110mm dia	6.00	Each	28.16	Rupees Twenty Eight and Paise Sixteen Only	168.96
27	Providing & Fixing to Wall Ceilling and Floor SWR Rain Water pipe as Per IS-13592 of 90mm Dia Complete including making good the ceiling and floor on terrace rain water pipe shall be 90 mm Dia. SWR horizontal pipe and vertical pipe and 90mm bend at the end near by Ground level rate are Inclusive of all Necessary Fittings required. pipe As Per approved Material List By G.S.P.H.C	153.00	Rmt	323.15	Rupees Three Hundred Twenty Three and Paise Fifteen Only	49441.95
28	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 20 mm.	58.00	Rmt	206.73	Rupees Two Hundred Six and Paise Seventy Three Only	11990.34
29	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm.	85.00	Rmt	251.32	Rupees Two Hundred Fifty One and Paise Thirty Two Only	21362.20
30	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 32mm.	57.00	Rmt	334.89	Rupees Three Hundred Thirty Four and Paise Eighty Nine Only	19088.73
31	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 40mm.	42.00	Rmt	443.29	Rupees Four Hundred Fourty Three and Paise Twenty Nine Only	18618.18
32	Providing and fixing gun metal check or non return full way WHEEL VALVE ISI Heavy Duty 40 mm dia.	3.00	Each	656.89	Rupees Six Hundred Fifty Six and Paise Eighty Nine Only	1970.67
33	Painting two coats (excluding priming coat) on previously painted wood and wood based surface with enamel paint, to give an even shade including cleaning the of all dirt, dust and other foreign matter.	506.00	Sqm	114.24	Rupees One Hundred Fourteen and Paise Twenty Four Only	57805.44
34	Painting two coats (excluding priming coat) on previously painted steel and other metal surface with enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	78.00	Sqm	98.93	Rupees Ninety Eight and Paise Ninety Three Only	7716.54
35	Distempering (three coats) with oil bound washable distemper of approved brand & manufacturer & of required shade on ceiling and sloping surfaces to give an even shade, over & including a primary coat with alkali resistance primer of approved brand after thoroughly brushing the surface free from mortar dropping & other foreign matter & also including preparing the surface even & smooth by white cement base putty finishing.	1149.00	Sqm	115.12	Rupees One Hundred Fifteen and Paise Twelve Only	132272.88
36	Distempering (three coats) with oil bound washable distemper of approved brand & manufacturer & of required shade on wall surfaces to give an even shade, over & including a primary coat with alkali resistance primer of approved brand after thoroughly brushing the surface free from mortar dropping & other foreign matter & also including preparing the surface even & smooth by white cement base putty finishing.	4033.35	Sqm	106.85	Rupees One Hundred Six and Paise Eighty Five Only	430963.45



(B)	<b>ELECTRICAL WORK:</b>					
44 [a]	Providing and erecting <b>Point wiring</b> with 1.1 KV grade ISI marked 2 X 1.5 sq. mm copper PVC insulated FRLS wire with 1.5 sq. mm (green) copper PVC insulated FRLS wire for earth continuity <b>in existing pipe erected concealed in wall/ceiling complete</b> with approved make 5/6 Amp. ISI make modular type switch and accessories mounted in 20 G. G.I. company fabricated metallic / PVC / Acrylic box covered with appropriate front plate modules erected on the wall / ceiling with necessary modular lamp holder / modular ceiling rose / HD Connector (make & model approved by EIC and matching colour with switches accessories) as directed for Open wiring. <b>Light point. Cat.-II</b> [conductor resistance should be as per IS:8130/1984]	240.00	Point	374.00	Rupees Three Hundred Seventy Four Only	89760.00
44 [b]	<b>For Bell Point Cat II</b> (in existing concealed pipe)	18.00	Point	374.00	Rupees Three Hundred Seventy Four Only	6732.00
44 [c]	<b>For Fan Point</b> with 6A Modular type switch and hum free EME step type electronic fan regulator <b>Cat.-II</b> (in existing concealed pipe)	54.00	Point	536.00	Rupees Five Hundred Thirty Six Only	28944.00
44 [d]	<b>For Separate Point (with 5 pin socket &amp; switch 6 Amp.) Cat.-II</b> (in existing concealed pipe)	60.00	Point	405.00	Rupees Four Hundred Five Only	24300.00
44 [e]	<b>For Loop on switch board (with 5 pin socket &amp; switch 6 Amp.) Cat.-II</b>	130.00	Point	234.00	Rupees Two Hundred Thirty Four Only	30420.00
45 [a]	Providing and erecting <b>Point wiring</b> with approved ISI mark 1.5 mm <sup>2</sup> copper FRLS PVC insulated wire with 1.5 mm <sup>2</sup> copper FRLS PVC insulated wire for earth continuity in white Colour rigid PVC pipes ISI marked and FIA approved medium class and 20 mm. dia. With PVC fitting fixed with adhesive solution complete with 5 Amp. ISI make white shock proof tissino type accessories erected on polished wooden block covered with 3 mm. thick white ISI laminated sheet with necessary Lamp holder/ceiling rose / H.D. Connector (make & model approved by EIC and matching colour with switches accessories) as directed. <b>For Open Wiring (a) For Light Point Cat II</b>	4.00	Point	425.00	Rupees Four Hundred Twenty	1700.00
	[Length of point wiring must not increase than 10 mtr. For that necessary switch board and their location must be finalised before execution by agency otherwise payment will not be done for extra long point. For future extension, if required, agency has to erect one higher size box as per instruction of EIC] [conductor resistance should be as per IS:8130/1984]					
45 [b]	For Fan Point with 6A Modular type switch and hum free EME step type electronic fan regulator <b>Cat.-II</b>	1.00	Point	612.00	Rupees Six Hundred Twelve	612.00
46	Providing and erecting Medium Class FIA approved and ISI mark white colour (embossed) <b>RIGID PVC PIPES</b> of following size complete erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & clamps on / in wall / ceiling along with continuous fish wire to draw mains with necessary fittings and junction boxes for following dia. <b>(a) 20 mm. dia.</b>	200.00	Mtr.	24.00	Rupees Twenty Four Only	4800.00
47	Supplying & erecting <b>UPVC Mini trunking (PVC Casing-n-Capping)</b> having double-locking arrangement with grooves, trunking of size not below 12.5 mm in height as per IS with accessories of PVC/Resin polypropylene not below 1.8 mm thick duly sealed in joint & erected on wall / ceiling of following size . <b>(a) 20 mm dia.</b>	200.00	Mtr.	31.00	Rupees Thirty One Only	6200.00

48 [a]	Providing and laying <b>Mains</b> with FRLS PVC Insulated wire ISI marked 1.1 KV grade with <b>erected in existing pipe erected concealed in wall/ceiling complete</b> with FRLS PVC insulated wire for earth continuity. (Approved ISI make only) [a] <b>2 x 1.5 sq.mm. FRLS copper multi stranded conductor mains</b> with 1.5 sq.mm. FRLS copper multi stranded conductor for earthing as per standard colour code. (for point wiring and Lighting SB mains) [Wire must be having box packing] [conductor resistance should be as per IS:8130/1984]	800.00	Mtr.	46.00	Rupees Fourty Six Only	36800.00
48 [b]	<b>2 x 6.0 sq.mm. FRLS</b> copper multi stranded conductor mains with 2.5 sq.mm. FRLS copper multi stranded conductor for earthing as per standard colour code <b>erected in existing pipe erected concealed in wall/ceiling complete.</b> (for MCBDB mains) [Wire must be having box packing] [conductor resistance should be as per IS:8130/1984]	200.00	Mtr.	120.00	Rupees One Hundred Twenty Only	24000.00
49	Providing & fixing 20 mm. dia. <b>PVC insulated G.I. corrugated Flexible pipe</b> with necessary socket, PVC bushes saddle, Check-nuts etc. complete of following sizes.	100.00	Mtr.	30.95	Rupees Thirty and Paisa Ninety Five Only	3095.00
50	Providing and fixing Plug Point wiring with 1.1 KV grade ISI marked approved make 2 x 2.5 sq.mm copper PVC insulated FRLS wire with 1.5 sq.mm (green) copper PVC insulated FRLS wire for earth continuity <b>in existing pipe erected concealed in wall/ceiling complete</b> with 16 Amp. Modular type Swich and accessories mounted in 20 G. G.I.company fabricated metallic / PVC / Acrylic box covered with appropriate front plate modules erected on the wall. <b>(a) 16 Amp. Indicator switch &amp; 1 No. 6/16 A universal socket white colour suitable for 3 pin top duly both having ISI mark. Cat.-II</b> (Necessary sheet / tape / polythene / sand must be erected or filled in all box To Prevent Mortor Going In To The Box) [conductor resistance should be as per IS:8130/1984]	54.00	Each	535.00	Rupees Five Hundred Thirty Five Only	28890.00
51	Providing and fixing Plug Point wiring with 1.1 KV grade ISI marked approved make 2 x 4.0 sq.mm copper PVC insulated FRLS wire with 2.5 sq.mm (green) copper PVC insulated FRLS wire for earth continuity <b>in existing pipe erected concealed in wall/ceiling complete</b> with 16 Amp Modular type Swich and accessories mounted in 20 G. GI company fabricated metallic / PVC / Acrylic box covered with appropriate front plate modules erected flushed with wall. (a) 16 Amp. Indicator switch & 1 No. 6/16 A universal socket white colour suitable for 3 pin top duly both having ISI mark. (Necessary sheet / tape / polythene / sand must be erected or filled in all box To Prevent Mortor Going In To The Box) (AC point) Cat.-II. (Conductor resistance should be as per IS:8130/1984)	18.00	Each	676.00	Rupees Six Hundred Seventy Six Only	12168.00

52	<p>Providing &amp; Erecting <b>2.0 mtr. long Earthing system</b> by making minimum bore of 225 mm dia. in soft soil. Suitable for doing pipe-in-pipe technology earthing. Earthing electric rod must be made from Corrosion free hot dip galvanizing pipes having following specification.</p> <p>(A) Earthing Electrode: outer Pipe: - 88 mm minimum O.D., 'B' Class ISI mark of Reputed Brand, Inner pipe: - 42 mm minimum O.D., Pipe B Class ISI mark reputed Brand. Terminal Size: 70 mm X 100 mm length, Terminal should be made from inner pipe for that pipe must be pressed and gave rectangular shape so its work as a terminal. The hot deep galvanising must be done after above process. Galvanised thickness must be minimum 75 micron anywhere. SS Nut bolt:- 2 nos. with washer suitable for 14 mm dia. hole must be provided at terminal. Total minimum Weight (approx.) of earth electrode with inside conductive material be 26 kg.</p> <p>(B) Inner chemical (CCM Compound):- Resistivity:- 0.2 ohm/ meter testing as per IEC 62561-2017, Voltage drop:- &lt; 1 volt at no load &amp; dry form, Sulphur content:- &lt;2%</p> <p>(C) Back fill Compound:- Earthing compound should be capable to retain moisture for long time. Back Filling Compound weight is 50 Kg.</p> <p>(D) Chamber and cover:- Earthing chamber should be size of 400 mm X 400 mm X 400 mm depth and Cover should be heavy duty cast iron with required size of 300 mm X 300 mm X 4 mm thick</p>	5.00	Each	7025.00	Rupees Seven Thousand Twenty Five Only	35125.00
	<p><b>Necessary test report must be submitted.</b></p> <ol style="list-style-type: none"> <li>Short circuit test by ERDA/ CPRI for 25KA</li> <li>Resistivity test of conducting material from NABL accredited lab.</li> <li>Hot dip galvanised / zinc coating micro test from reputed laboratory.</li> <li>General test report from OEM regarding specification of earthing.</li> </ol> <p>{Approved Make:- Sulah safe solution, Ashlok, Galexy, Indelec, Yansi earthlid} (Strictly subject to item specification only) OEM has to submit all detail &amp; sample for approved before supplying</p> <p>Water must be poured in bore before starting earthing. Earthing value must be measured with earth tester. Agency has to bring the earth resistance to at least 02 ohms &amp; voltage between neutral &amp; Earthing upto 02 volt. Agency has to maintain earthing &amp; its value for one year. Earthing must be done in the presence of A.E. (GSPHCL)</p>					
53	For above earthing additional charges for boring in hard rock soil (by breaker) & filling soft soil in earth pit (certificate for soil have to given by DEE / AE along with photographs)	5.00	Each	276.00	Rupees Two Hundred Seventy Six Only	1380.00
54	Providing & erecting following shock proof tissino type accessories erected on G.I.metal box covered with 3 mm. thick white ISI mark laminated sheet. <b>TV antenna socket</b>	18.00	Each	31.00	Rupees Thirty One Only	558.00

55	<p>Supplying &amp; erecting LED indoor fitting of approximately <b>4 feet long with LED</b> of wattage 0.2W to 0.5W assemble on single MCPCB with housing use as a heat sink shall be made from Aluminum extrusion having enough strength (Sample must be approved by EIC) With Polycarbonate diffuser With Following Specification</p> <p>(1) Company Mark/Name on the Fitting  (2) Rated input voltage and frequency 220V to 240 VAC, 50Hz  (3) Rated input wattage max 24 W  (4) Rated input current ; 0.2 Amp.  (5) Power Factor : Min.0.90  (6) ATHD : Max. 15%  (7) Rated Luminous flux : Min. 2420 lm  (8) CCT : 6500 K  (9) CRI : Min/ 80 Ra  (10) Driver Efficiency : min. 80%  (11) LED life span : Min. 50000 Hrs @ L70  (12) Over Voltage Protection : Withstand up to 440 V/AC for 4 Hrs.</p>	2.00	Each	370.00	Rupees Three Hundred Seventy Only	740.00
	<p>(13) Surge Protection : Min.2 KV  (14) IP rating : IP 20  (15) IK rating : IK 02  (16) Short circuit, Open Circuit &amp; Reverse Polarity must be provided  (17) Fixing clamp design &amp; strength should be sufficient to hold the fitting erected on wall or ceiling.  (18) 3 core copper wire of appropriate size with earthing connector (Note:-The manufacturer/ authorized Channel partner of the manufacturer has to submit 4 yrs free replacement Guarantee for complete Fixture) Approval will be given strictly subject to item specification.</p>					
56	<p>Providing and erecting Poly carbonate body surface mounting <b>LED Bulk head</b> type 9 watt Lighting Fitting with electronic driver having THD &lt; 15%, CRI&gt;80, P.F.0.95 And lumen output from luminaire 720 lm, input voltage range 160-270 V AC, 50 Hz cool white (3000 to 6500 k), inbuilt driver having efficiency &gt;=80lm/w, -20 deg C to + 60 deg C working temperature, AL frame with Beam Angle 120 deg.</p>	1.00	Each	780.00	Rupees Seven Hundred Eighty Only	780.00
57	<p>Providing and Erecting Approved make ISI mark <b>ELCB</b> confirming to IS:12640/1988 having serial number printed on it and having sensitivity of 30 mA and breaking capacity of 10 KA and suitable for 240 V, 50 Hz having characteristic of quick acting &amp; Tripping with all advance feature &amp; do not incorporate any electronic component (mounted in box) Suitable for operation on single phase 240 Volt max rating of <b>(i) For 25 Amp. DP</b></p>	3.00	Each	1611.00	Rupees One Thousand Six Hundred Eleven Only	4833.00



58	Providing ad erecting approved make <b>single phase Double Door metal clad D.B.</b> as per relevant indian standards ammended upto date. Supplying and fixing following way <b>single phase MCB distrubution board</b> of company fabricated sheet box with powder coated inside and outside after apply seven tank chemical process of CRCA sheet cover complete with suitable integral single piece construction tinned copper busbar and link with all necessary interconnection and with necessary size MS frame for mounting MCBDB. MCBDB Door, Back side and Body of MCBDB must be made of 1.2 mm thick CRCA Sheet. Manufacturer must be provided (1) IP 43 and as per IS:8623-1 & 3, IEC 61439-1 & 3 having D type PU gasket. (2) Seven tank Powder coating Certificate (3) Tinned Copper/Brass make neutral & Earthing link with isolation & Protecting Cover for 240 Volts on surface / recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, with suitable size FRLS PVC insulated copper conductor up to terminal blocks and internal connection, tinned copppe bus bar, 1 no. tinned copper neutral link, tinned copper earth bar, din bar, detachable gland plate. interconnections. powder painted including earthing etc.	18.00	Each	4906.00	Rupees Four Thousand Nine Hundred Six Only	88308.00
	Single phase incoming and horizontal single phase outgoing. <b>For 12 Way MCBDB: Including 1 no. 40 Amp. 30 mA double pole ELCB (ELCB confirming to IS:12640/1988 having sensitivity of 30 mA and breaking capacity of 10 KA), 1 no. MCB 40 Amp. double pole switch (C curve confirms to IS:8828 having breaking capacity of 10 KA) and S.P. MCB of rating 6 to 32 Amp. with NL suitable to operate on 240 Volt A.C. power. (6 Amp:- 3 Nos., 16 Amp:- 3 Nos. &amp; 25 Amp: 2 Nos.)</b> (The DBs should be used of same company of MCB / ELCB to be used) (MCBDB must be erected in line & level with spirit level and finish the external edge with box cutting plaster) (Same colour MCB(SP/DP) should be used as same as MCBDB) [Including Necessary numbering / marking on box done with red colour radium sticker as per site requirement and instructions given by EIC on site. Font / number size given by EIC on site as per requirement]					
59	Providing & erecting <b>240 V MCB Double pole switch</b> for Lighting load (c curve) having 10 KA breaking capacity & confirms to IS:8828 with same company metal box with earthing terminal having following capacity with necessary numbering / marking with oil Paint by painter. <b>For 40 Amp. DP</b>	26.00	Each	327.00	Rupees Three Hundred Twer	8502.00
60	Providing and Erecting of <b>Miniature circuit breaker single pole 6 Amp. to 25 Amp.</b> 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.	6.00	Each	111.00	Rupees One Hundred Eleven Only	666.00
61	Supplying & fixing box for housing <b>ELCB + MCB combination</b> made of 18 SWG sheet steel duly powder coated with gasket, dust & vermin proof bakelite shield two earthing terminals for following type of RCCB, ELCB, ELCB + MCB. <b>For [a] For 2 pole</b>	26.00	Each	272.00	Rupees Two Hundred Seventy Two Only	7072.00
62 [a]	Providing and laying Mains with ISI marked, 1.1 KV 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>[g] One wire 6.00 sq. mm</b>	100.00	Mtr.	56.00	Rupees Fifty Six Only	5600.00
62 [b]	<b>One wire 16.00 sq. mm</b>	100.00	Mtr.	141.00	Rupees One Hundred Fourty One Only	14100.00
63	Dismantling the existing <b>light, fan, bell, independent plug point</b> , wiring with mains of all types along with accessories etc. complete and handed over to dept.	550.00	Point	1.00	Rupees One Only	550.00
64	Dismantling the existing <b>switchgears, DB and Busbar</b> of any size complete with / without board or angle iron frame.	18.00	Each	7.00	Rupees Seven Only	126.00

65	Dismantling the existing <b>ceiling fan / exhaust fan / cabin fan / bracket fan</b> complete with accessories, G.I. down rod, frame etc. and making the site clear.	55.00	Each	9.00	Rupees Nine Only	495.00
66	Supplying and laying <b>UPVC cable trunking</b> system comprising unplasticised polyvinyl, chloride rigid material with ignition free & flame proof confirming BS .All necessary accessories and measuring of following sizes. <b>[1] 75 mm x 50 mm trunking</b> (MK / LK Make Only)	30.00	Mtr.	275.00	Rupees Two Hundred Seventy Five Only	8250.00
67	Providing & Erecting <b>3 mm thick Polycarbonate (PC) sheet</b> with grooving as directed	2500.00	Sq. Inch	3.00	Rupees Three Only	7500.00
68	Supplying and erecting Approved make MEM type <b>TPIC switch</b> and fuse With neutral link 415 / 500 Volt and confirming to ISS erected on existing wooden block/A.I.Frame with necessary Numbering with oil paint by Painter. <b>For 63 Amp. Cat II</b>	1.00	Each	2150.00	Rupees Two Thousand One Hundred Fifty Only	2150.00
<b>Total Electrical (B) =</b>						<b>4,85,156.00</b>
<b>Total Amount (A+B) =</b>						<b>30,14,342.17</b>

Signature of the contractor.

I/c Executive Engineer  
G.S.Police.Housing Corp.Ltd.  
Rajkot