

JUNAGADH (R. & B.) DIVISION

JUNAGADH

Name of Work : Renovation of Dist. Tejory Office At Bahumali Bhavan . Junagadh.

BILL OF QUANTITIES

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
1	Providing and Fixing Low Hieght Decorative Composite partiton of wooden, gap as per drawing or as directed by engineer-in-Charge, Using 8 mm thick ISI marked Ply on both side fixed on a teakwood framing grid of teakwood member Size 65 mm x 38 mm at 600 mm C/C on Vertical side and on horizontal side as per design or as directed by Engineer -in - Charge. Wooden portion consists of both side 12 mm thick ply with 1 mm thick vinyl wooden lamination sheet on outer side of ply Colour & Design of Lamination is as per Drawing or as directed by Engineer-in- Charge. Glass portion consist of 5 mm thick toughned glass with wooden framing. The Partion also includes door When necessary as per drawing by using 8mm ply on both side with 1 mm thick lamination including frame of 25mmx75mm included,beading on outer side, good quality door closer, godrej lock, SS hinges etc. Rates includes all Labour, Material, Screw, Khilli, Fevicol, PU finish on outer side of ply including all taxes Etc. complete. All Material to be used as approved by Engineer-in-Charge	217.00	7433.60	Sqm	1613091.20

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
2	Providing and Fixing Full Hieght Decorative Composite partiton of wooden, glass and gap as per drawing or as directed by engineer-in-Charge, Using 8 mm thick ISI marked Ply on both side fixed on a teakwood framing grid of teakwood member Size 65 mm x 38 mm at 600 mm C/C on Vertical side and on horizontal side as per design or as directed by Engineer -in - Charge. Wooden portion consists of both side 12 mm thick ply with 1 mm thick vinyl wooden lamination sheet on outer side of ply Colour & Design of Lamination is as per Drawing or as directed by Engineer-in- Charge. Glass portion consist of 5 mm thick toughned glass with wooden framing. The Partion also includes door When necessary as per drawing by using 8mm ply on both side with 1 mm thick lamination including frame of 25mmx75mm included,beading on outer side, good quality door closer, godrej lock, SS hinges etc. Rates includes all Labour, Material, Screw, Khilli, Fevicol, PU finish on outer side of ply including all taxes Etc. complete. All Material to be used as approved by Engineer-in-Charge	29.00	7549.75	Sqm	218942.75
3	Providing and fixing of Sliding glass door without door frame. The Door with 12mm Clear Toughend Glass with slim profile frame in periphery of Glass with film on glass or as permentioned in design. Door with Necessary Hardwares required like Top Bottom Patch fittings with top Sliding Chenal, Pull Handle & Floor Chenal. Door with designer film to maintain the privecy. Film with necessary Groove or design cutting if required by Architect.All materials like Aluminum Profiles, Hardwares and accessories should have to be from approved makelist and with approval from consulting Architect & Engineer-in-charge.The work shall be done as per the approved shop drawings specifications, sample approved and as directed by the Architect and Engineer-in-charge	4.00	11873.56	Sqm	47494.24

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
4	<p>Providing And Arranging table top made of 36mm thick MR grade plywood with nail curvica Laminate finish. Leg & frame to be made from 50 x 50 x 1.6mm size & 50mm x 25mm x 1.8mm size CRC Square pipe powder coated 50 micron finish with levlar Apron 18 mm thick MR grade plywood with Laminate finish. side table top made of 36mm thick MR grade plywood with nail curvica Laminate finish. side & shutter made of 18 mm thick MR grade plywood with Laminate finish Including all materials and labour etc. Mesurment on Tabale Top Complete as per drawing and instruction of engineer-in charge.</p> <p>Table -1 - size : Depth 900 to 750 mm</p>	72.00	23315.85	SQM	1678741.20

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
5	<p>TABLE TYPE-01 (Custom Made Commissior Main Table) : Providing and fixing table unit consist main table with side storage ,back storage with pedestal unit with allnecessary accessories keyboard, CPU stand ,cable manager, modesty panel etc with all required necessary accessories.</p> <p>Main Table top : 2000(L) x 1050(W) x 750 (H)mm Side table - 1050 (L)x 600(W) x 750 (H)mm side table unit -510 mm Dia (half Round as per DWG)</p> <p>1. Main Table Top: 50 MM th top Made from beveled edge finish 4 mm th coloured glass Saint gobain /equivallant approved make and shade/ veneer + 19 MM th IS-710 ply + 19 mm th IS-710 ply+4 mm th veneer finish with semi gloss PU polish.</p> <p>2.Main table front : As per detail drawing and reference image made form 19 mm th IS-710 ply with rwith veneer finish</p> <p>3.Verticle support: As per detail drawing and reference image made form 61 mm th verticle support 4 mm th Veneer gurjan base ply + 19 MM th IS-710 ply +35x35 x 2.6 mm thick metal box of tata or equivalent+ 19 mm th IS-710 ply+ 4 mm th Veneer gurjan base ply with require edge finish teak wood/SS as per architect suggestion. Side storage: Storage body is made of 19mm IS-710 ply with veneer finish and inner side 1.5 mm thick laminate finish including require nos of drawer and shutter all type of fittings , fixtures, hardware Hettich/Haffle make etc complete .SS 304 grade conceal handle shall be provide as per approved selection & detailed drawing and instruction of Architect/EIC. 8.Pedestal unit(500x500X545):Pedestal bodys made of 19mm IS-710 ply with veneer finish and inner side 1.5 mm thick laminate finish including require nos of drawer with all type of fittings , fixtures, hardware Hettich/Haffle make etc complete .SS 304 grade conceal handle shall be provide as per approved selection & detailed drawing and instruction of Architect/EIC.</p> <p>Main Table top : 2000(L) x 1050(W) x 750 (H)mm Side table - 1050 (L)x 600(W) x 750 (H)mm side table unit -510 mm Di</p> <p>4.Wire management: one way or two way open able flip top box mounted on table top squeeze :A special flexible rubber component that allows easy and safe passage of wires.</p> <p>5.Writing pad: Made from approved leather finish with require accessories</p>	2.00	107252.91	No.	214505.82
6	<p>Providind and Arranging Medium Back Chair - Seat & back cushioned on ply, aluminum die casted arms with cushioned pad, Synchro mechanism with single back lock , gas lift , chrome base.Including all materials and labour etc.complete as per detail drawing and instruction of engineer-in charge.Size : max.Height 1070mm, Min.970mm,Seat: 490mm x 510 mm,Back : 640 mm x 510 mm</p> <p>Medium Back Chair</p>	29.00	13328.97	Nos.	386540.13

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
7	Providing and Arranging Cushioned Seat & back, PP outer back cover, PP arms, Single back lock, Push back mechanism, gas lift for seat height adjustment, five prong Nylon base with twin wheel nylon castor. Including all materials and labour etc. Complete as per drawing and instruction of engineer-in charge. Size : Max. Height 1020mm Min. Height 930 mm, Seat : 500mm x 460mm , Back: 500mm x 440 mm Low Back Chair :	30.00	6318.56	Nos.	189556.80
8	(2 Seater sofa - Custom Made Sofa) : 2100mm (L) x 750 mm (B) x 750 mm (H), The seat shall 150 mm th 40 density & back shall be 32 density foam & finished in Approved fabric upholstery as per the drawing/image and instruction from Architect/EIC all external & internal exposed woodwork to be finished in PU semi gloss finish polish. The work shall be done as per the approved shop drawing (to be prepared by contractor), specifications, sample approved and as directed by the Architect and Engineer-in-charge. The rate shall be for complete item inclusive of all material, labour, wastages, necessary tools & tackles, approved make for all floors, all heights, all levels and all places within campus. Contractor shall do all the needful and shall fulfill Architect's design intent. No additional claims will be entertained for this. Rate shall inclusive of shop drawing , mock up sample, all materials, loading, unloading, all taxes, transportation, placing at all floors and for all leads, all accessories as described in item description. As approval of architect. (2 Seater sofa - Custom Made Sofa) : 2100mm (L) x 750 mm (B) x 750 mm (H)	7.00	60964.61	No.	426752.27
9	Providing and Arranging corner table made from 37mm x 37 mm Indian teakwood leg and top frame made from 37mm x 75mm Indian teakwood having 18 mm thick Ply and 4mm thick Veneer with melamine polish and 0.8mm thick balancing laminate at bottom for shelf made with surrounding Indian teakwood frame of size 37 mm x 12 mm the top having 12 mm thick glass with edge finish to be placed properly in groove made. Surface to be finished with melamine polish Including all materials and labours etc. complete as per drawing and instruction of engineer-in charge. Corner Table : size - 600mm x 450mm x 450mm	4.00	3192.65	Nos.	12770.60

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
10	Providing and Arranging Center table made from 37mm x 37 mm Indian teakwood leg and top frame made from 37mmx 75mm Indian teakwood having 18 mm thick Ply and 4mm thick Veneer with melamine polish and 0.8mm thick balancing laminate at bottom for shelf made with surrounding Indian teakwood frame of size 37 mm x 12 mm. The top having 12 mm thick glass with edge finish to be placed properly in groove made. Surface to be finished with melamine polish including all materials and labours etc. complete as per drawing and instruction of engineer-in charge. Center Table : size - 900mm x 600mm x 450mm	4.00	4433.90	Nos.	17735.60
11	Supplying ,Fixing and commissioning of TV Cabinet Providing and fixing at site TV Cabinet of approved design & Drawings to be made up of 18.0mm BWP Ply, and finished with approved shade of Laminated finish, including all accessories, space for fixing of TV, Necessary shelves, all accessories etc complete	16.00	9373.81	SQm	149980.96
12	Providing & fixing Wooden cupboard size Custom and depth 0.60 mt using 12mm thick plywood all proof, on back side both side top bottom and shelves are of 19 mm thick ply & shutters are of 12mm thick ply all proof with teakwood batten & 1 mm lamination in single or double shade & colour as directed on all visible face and 1.00 mm lamination on all non visible faces including SS fixtures & fastening, Godrej lock etc. good quality as directed by engineer-in-charge etc. complete. Wooden Cupboard : size - Depth 600mm	212.00	8124.44	SQM	1722381.28
13	Over hed File Storage Unit :- Size Custom Length and Depth 600mm Providing and Arranging Overhaed Unit with top 18mm overall thickness made from 18 mm thick MR grade plywood with 1.00 mm thick Laminate finished polish. Side made of 18mm thick MR grade plywood with 1.00 mm thick Laminate finish and inside 0.8mm thick balancinglaminate of approved shade. Godrej make lock with Two keys and shutter fixed with auto hinges including . all necessary fixtures and fastening as approved and back of the unit with 6mm thick MR grade playwood with 0.1 mm thick laminate of approved shade with nylon bullet including all materials and labour etc. Complete as per drawing and instruction of Engineer-in charge Over hed File Storage Unit : size - Depth 600mm	11.00	8373.91	SQm	92113.01

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
14	FlutedWall PANELING With Polish/PU Finish: Providing & fixing with Sheet metal screws/Nylon grip screws of Corro-shield /Fischer and shall be supported by filling required size wedges /washers/ MS wall connectors or packings of teak wood /MS washers to ensure right angles and plumb level. Fluted panel,adhesive ,tape, headless nails etc ,finished with Polish/PU paint & in pattern as shown in the drawing. Rate shall be inclusiveg grooves etc complete as per drawing or as directed by EIC/ Architect.	50.00	4374.31	SQm	218715.50
15	Providing and fixing of planter/pots of frp or plastic with artificial indoor plants as per selection and complete the work satisfactorily as per instruction of Architect or Engineer-in charg	4.00	1336.23	nos	5344.92
16	Providing and Fixing Blackout Roller Blinds with fabric of 0.53mm thickness and Top channel of non-rusting aluminium alloy with 1.25mm thickness and bottom channel of 1.50mm thickness & 21mm diameter. Tilt channel of ABS plastic with 1.50mm polyester cord with 4.50mm balls with stop lock arrangement including all necessary fixture, fastners, fittings, labour material machinery etc complete as seletced and diretced by Engineer Incharge. Roller Blinds	156.11	2392.69	Sqm	373530.97
17	Providing and Fixing fiber acoustic false ceiling of size 595 x 595 x 20mm thick is made fine micro glass fibre as per the below mentioned specifications. Colour: Plain White, Black, Core: Soft fiber, suspended celling system which includes silhout main-T of size 38x15x0.35mm at every 1200 c/c and cross T of size 38x15x0.35mm are fixed to Main T at 1200/600 mm c/c. Wall angle of size 22x22x0.40mm then fixed along the perimeter of wall with the suitable fasteners. The suspension is done with all accessories like Soffit cleat, levelling clips & wire rods as per dwgs. T-Grid System. Characteristics: 0.9 NRC broadband sound absorption, highest for modeular ceilings. White surface finish with fine monoilthic texture for high light reflectance, less lighting requirements. Black surface for full light absorption. At 1.5-3kgs/m2, does not contribute significantly to structural load of building including all accessories, material & labor complete as directed by Architect / Enginee	84.00	2499.75	Sqm	209979.00

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
18	Providing and fixing Key Board pull out tray made out of high quality foil pressed on pre-laminated MDF with side mouse pad tray having height adjustment on mounting brackets with smooth sliding operation and with removable drawer with latches having load carrying capacity of 12.00 kg incl. all necessary fixtures, fasteneres , labour and material as directed by Engineer-in-charge. Key Board Tray (705 x 284 mm size)	16.00	1174.63	Nos.	18794.08
19	Providing and fixing Telescopic CPU stand made from M.S slim stores CPU under the table with soft anti vibration pads and adjustment width of 45mm to 100 mm having height adjustment from 310mm to 530 mm and safe load carrying capacity of 20.00 kg finished with powder coating of 50 micron thickness incl. all necessary fixtures , fasteneres , labour and material as directed by Engineer-in-charge. CPU Trolley	16.00	575.70	Nos.	9211.20
20	Providing and Arranging FOOT REST made up of high impact polystyrene having over all size 450 mm x 350 mm with tilts of 0o to 20o for angular movement and non slippary platform surface including all materials and labour etc. complete as per drawing / Photographs and instruction of engineer-in charge.	4.00	1232.20	Nos.	4928.80
21	Providing and Arranging three seater gang seater having seat and back made from CRCA capsular Tubular frame welded with perforated Die moulded CRCA sheet. base frame made from round Tubular welded with horizontal beam Two side armrest welded with frame including finishing metal parts with epoxy polyester powder coating of 50 micron thickness Including all materials and labour etc. Complete as per drawing and instruction of engineer-in charge	6.00	17030.62	Nos.	102183.72
22	Removing dry or oil bound distemper by a washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete.	6915.00	11.53	Sqm	79729.95
23	Dismantaling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	520.00	49.11	sqm	25537.20

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
24	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq.M. in area.	57.00	192.09	Each	10949.13
25	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(ii) Exceeding 3 Sq.M. in area..(S O R Peg no.150 item no.20013b)	3.00	257.22	Each	771.66
26	Dismantling steel work including distempering and stacking the materials with all lead and lift.	3279.00	3.84	KG	12591.36
27	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil.	75.00	122.93	Cum	9219.75
28	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	1430.00	120.26	sqm	171971.80
29	Applying two coats of Birla (white cement based) or Asian (acrylic lapy- putty) or equivalent & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth	5486.00	40.59	Sqm	222676.74
30	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	5486.00	82.85	Sqm	454515.10
31	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Consentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concncentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S .	1748.00	59.45	Sqm	103918.60

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
32	Providing and fixing Four track sliding window standard extruded color anodized aluminum section equivalent to jindal series E (30mm) section numbers frame bottom track 21198 frame top & sides 21204, shutter & bottom top rail 20993, side rails 205553, interlock rails 20550. with Three Shutter 5 mm thick transparent Tinted Float glass, and Two shutter with Stainless Steel Wiremesh shutters {In Single Track}, rubber gasket, air lock strip and finishing joints with silicon sealant, with standard extruded colour anodized aluminium coated fittings and fixture & fastening etc complete. {Colour as directed by Engineer in charge & Aluminium section shall be Jindal or equivalent brand and glass of Modiguard, AIS or equivalent brand (As Per RA)}	135.00	5562.07	Sqm	750879.45
33	Providing and fixing Three track sliding window standard extruded color anodized aluminum section equivalent to jindal series C (30mm) section numbers frame bottom track 21203 frame top & sides 20387, shutter & bottom top rail 20993, side rails 205553, interlock rails 20550. with Two Shutter 5 mm thick transparent Tinted Float glass, and one shutter with Stainless Steel Wiremesh shutters {In Single Track}, rubber gasket, air lock strip and finishing joints with silicon sealant, with standard extruded colour anodized aluminium coated fittings and fixture & fastening etc complete. {Colour as directed by Engineer in charge & Aluminium section shall be Jindal or equivalent brand and glass of Modiguard, AIS or equivalent brand (As Per RA)}	22.00	6078.18	Sqm	133719.96
34	Providing and Fixing Machine cut, free edges, machine polished Granite stone slab 18 mm thick for Doors/Windows Cill and Jambs cladding as per design including full molded round front edge and 1 cm nosing and laid on 10 mm thick cement mortar 1:3 (1 cement:3 coarse sand) jointed with grey cement slurry including rubbing and polishing finishing etc complete. (As Per RA)	108.00	2864.36	Sqm	309350.88
35	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.	3903.00	106.23	KG	414615.69
36	Painting two coats (including priming coat) on new steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	157.00	105.31	Sqm	16533.67

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
37	Repairing and Refixing existing window/door providing & fixing necessary all fixtures and fastening cutting edges for smooth opening, damaged part of glass and Wooden member like bottom rail, style and shutter glass etc. and closing including fixing the shutter on stone / wooden / MS frame with labour including cutting bottom edge of door to match with flooring with necessary repairing to frames etc. complete	118.00	623.17	Sqm	73534.06
38	Providing and fixing FRP frame size 100x50 mm and 28mm thick FRP depress panel shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filled up with injected fire retardant grade polyurethane foam done in situ along with embedded wooden pieces for stiffening & also taking hinges & fixtures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & aluminium fixtures & fastenings & fastener sleeve.	4.00	2377.76	Sqm	9511.04
39	Providing and fixing 25 cm Wide & 3mm thick exterior composite panel on existing expansion joint horizontally & vertically with all material, hardware, accessories & fittings etc completed.	4.00	1054.33	Sqm	4217.32
40	Providing and filling the expansion joint by Thioflex 600 polymer or equivalent conform to BS 4254-1983 as per required shade and manufactured specification by making groove of 50 mm x 12.5 mm later by cutting or by repairing groove and removing mortar drop or any other foreign materials including applying primer and filling required size (oversize of joint PU foam etc. complete.	3.00	515.39	Sqm	1546.17
41	Providing and laying machine cut free edges, machine polished Granite (single piece not more than 1.50 mt) of even grade 18 mm (Average) thick for steps and riser as per design incl. rounded front edge & 1 cm nosing in trade of steps laid on 20 mm thick cement mortar 1:6 (1 -cement : 6 coarse sand) on treads & 10 mm thick Cement mortar 1:3 for risers, jointed with grey cement slurry including 3 nos of 1mm Grooving and rubbing	40.00	2694.68	Sqmt	107787.20

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
42	Providing sandwich type granite 18 mm thick cooking platefom of 60 cm width and 70 cm height including 25 mm thick polish kota stone at bottom of granite and bottom flooring using 20 mm thick C.M.1:6 including vertical and bottom polish kota stone for kitchen sink,granite panipatti and vertical support for granite,all labour and material half round moulding etc.complete as per design excluding cost of kitchen sink and vertical,horizontal support and shelves for storage.	4.00	6001.42	Sqmt	24005.68
43	Providing and fixing AISI 316 Grade stainless steel knock down railing system comprising 50mm dia railing fixed on 38mm dia SS Balustrade of 900mm height placed at maximum 1200mm C/C distance along with three SS horizontal mambers of 19mm dia connected at the side of balustor with SS brackets. The balustrade shall be mounted on floor with base plate using specially designed anchor fasteners and concealed by AISI 316 Grade SS base cover cap (Wall thickness of pipes shall be taken as 1.50mm along with all visible component developed in high grade SS and wherever required, joints to be filled with bushings for extra strength).	24.00	4289.47	Rmt.	102947.28
44	P & L 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 dismantaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade	431.00	1264.40	SQm	544956.40
45	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	33.00	1195.02	Sqmt	39435.66
46	Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	37.00	1488.23	Sqmt	55064.51
47	Providing and layingmachine cut free edges, machine polished Granite slab flooring over 20mm (average)base of cement mortar 1:6 (1-cement : 6coarse sand) or L.M. 1:1.5(1- lime putty : 1.5 - coarse sand) laid and jointed with gray cement slurry including rubbing and polishing complete. (A)Granite Slab (18 mm thick)	27.00	2354.31	Sqmt	63566.37

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
48	Providing and laying machine cut free edges, machine polished Granite (single piece not more than 1.50 mt) of even grade 18 mm (Average) thick for steps and riser as per design incl. rounded front edge & 1 cm nosing in trade of steps laid on 20 mm thick cement mortar 1:6 (1 -cement : 6 coarse sand) on treads & 10 mm thick Cement mortar 1:3 for risers, jointed with grey cement slurry including rubbing	52.00	2694.68	Sqmt	140123.36
49	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	20.00	72.64	Rmt	1452.80
50	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	20.00	91.83	Rmt	1836.60
51	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	20.00	148.11	Rmt	2962.20
52	Providing, laying and jointing in true line and level 110 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diameter x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	38.00	876.90	Rmt	33322.20

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
53	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low density, complete with special flange compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm.	40.00	280.23	Rmt	11209.20
54	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I screed down or hinged grating including the cost of cutting and making good the walls.	2.00	574.57	Each	1149.14
55	Providing and fixing wash basin with single hole for pillar tap with C.I or M.S. brackets painted white including cutting holes and making good the same including fitting (A) Vitreous china : (II) Flat back Wash basin 550mm x 400mm size in white colour including providing and fixing M.I. fisher union, C.P. Brass waste coupling 32 mm dia and . Rubber Plug ,C.P. brass pillar tap of 15 mm dia. with capstain head C.P.Brass Bottle Trap etc complete	1.00	2453.29	Each	2453.29
56	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 510x432mm & bowl size 445x368x190	1.00	2263.41	Each	2263.41
57	Providing and fixing wash down white vitreous china water closet EUROPEAN TYPE W/C PAN of size 555x360x390mm (Standard Company) Make with intergal "P" or "S" trap including jointing the trap with pan and soil pipe in vitreous china white colour. Rate inclusive of providing and fixing PVC Flush Tank & Soft seat cover of the same make.	1.00	3228.97	Each	3228.97
58	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	3.00	186.82	Each	560.46
59	Providing and fixing C.P. brass shower rose with 15mm or 20mm inlet.(A) 100mm dia.	1.00	282.16	Each	282.16
60	Providing and fixing Gun metal check or non-return fullway wheel valve.(A) 25mm dia.	1.00	220.81	Each	220.81
61	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	1.00	663.42	Each	663.42
62	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick AC sheet or plywood sheet and fixing to wooden plug with CP brass screws and washers.	1.00	859.40	Each	859.40

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
63	Providing and fixing CP Brass towel rail complete with CP Brass brackets fixed to wooden plug with CP brass screws (B) 600mm x 20mm size.	1.00	616.42	Each	616.42
64	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	12.00	958.16	Each	11497.92
65	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	5000.00	3.94	Ltr	19700.00
66	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	71.00	268.92	Cum	19093.32
67	Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- Crushed stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	71.00	3388.55	Cum	240587.05
68	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete.	707.00	706.92	Sqmt	499792.44
			Total Civil Work =		1,24,50,721.25
69	Point wiring for Tissino / Modular secondary light point with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (green) both are of ISI marked 1.1 kV grade FRLS PVC insulated multi strand copper wires, in below type of pipe to be erected complete with earth continuity and necessary connection with primary light with accessories erected on Metal / PVC / wooden box covered with 3 mm thick PC(Polycarbonate) / Acrylic sheet for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed. Note:- Maximum up to 6 mtrs length, excess will be considered as Mains for Secondary Point. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete	12.00	158.57	Pt.	1902.84

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
70	Replacing old and unserviceable by new Point wiring for Light / Bell with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of ISI marked 1.1 kV grade FRLS PVC insulated multi strand copper wires up to 10 mtr length , in below type of pipe erected with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete Cat. III	325.00	539.34	Pt.	175285.50
71	Replacing old and unserviceable by new Point wiring for FAN with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 kV Grade FRLS PVC insulated multi strand copper wires up to 10 mtr length, in below type of pipe erected with 6A Modular type switch and hum free EME step type electronic fan regulator mounted and accessories with earth continuity of following type erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured/metallic/white front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete Cat. III	138.00	765.58	Pt.	105650.04
72	Replacing old and unserviceable by new Point wiring for on board Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic/Wooden box, single mounting base frame covered with textured / metallic/white front plate modules erected on / in wall / ceiling with following type accessories Cat. III	81.00	309.06	Pt.	25033.86

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
73	Replacing old and unserviceable by new 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 Cat.III	80.00	25.25	Ea.	2020.00
74	(8) Computer RJ-45 socket Cat.III	40.00	160.59	Ea.	6423.60
75	(9) 16 Amp. SP one way switch Cat.III	25.00	180.79	Ea.	4519.75
76	(10) 6/16Amp. Universal socket Cat.III	25.00	199.98	Ea.	4999.50
77	Replacing old and unserviceable 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 (a)20 mm	960.00	24.24	Mtr.	23270.40
78	(c) 32 mm	220.00	54.54	Mtr.	11998.80
79	Supply & installation of modular type accessories for U PVC snap-on adaptable trunking/Pop up Box with required items erected with necessary connection. As desired by Engineer In charge vi) Cat-6 LAN Socket cat-III	40.00	566.61	Ea.	22664.40
80	Replacing old and unserviceable by new 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	2600.00	104.03	Mtr.	270478.00

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
81	Replacing old and unserviceable by new 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	295.00	140.39	Mtr.	41415.05
82	(A) with medium class Rigid PVC pipe and accessories (b) 2 wire 6 sq. mm	240.00	184.83	Mtr.	44359.20
83	(A) with medium class Rigid PVC pipe and accessories (h) 4 wire 6 sq. mm	240.00	326.23	Mtr.	78295.20
84	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. (d) One wire 4.00 sq. mm	24.00	47.47	Mtr.	1139.28
85	(e) One wire 6.00 sq. mm	48.00	70.70	Mtr.	3393.60
86	(f) One wire 10.00 sq. mm	36.00	115.14	Mtr.	4145.04
87	(g) One wire 16.00 sq. mm	12.00	177.76	Mtr.	2133.12
88	(i) One wire 35.00 sq. mm	8.00	376.73	Mtr.	3013.84
89	(l) One wire 95.00 sq. mm	4.00	1149.38	Mtr.	4597.52
90	Replacing old and unserviceable by new Supplying & erecting approved make LAN cable of following size in existing pipe as per direction [C] CAT - 6	1600.00	47.47	Mtr.	75952.00

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
91	Replacing old and unserviceable by new 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 Cat. III	40.00	1133.22	Ea.	45328.80
92	Replacing old and unserviceable by new Decorative call bell Ting-tong box type 250 volts complete erected	12.00	71.71	Ea.	860.52
93	Replacing old and unserviceable by new 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 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.) (A) Tube Light with integral driver (i) 5-10 Watts, Surge-2 kV, IP-20, conventional 1 to 2 feet Cat-III	14.00	165.64	Ea.	2318.96
94	(A) Tube Light with integral driver (iv) 22-24 Watts, Surge - 2kV,IP-20, conventional 4 feet Cat-III	282.00	373.70	Ea.	105383.40

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
95	<p>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 pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name</p> <p>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 %</p> <p>(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.)</p> <p>(B) LED Panel Light with provision for Plane front frame with translucent cover fixed to housing complete. IP20</p> <p>(vi) 36 watts, 24" x 24", Surge- 2kV Cat-III</p>	25.00	1794.77	Ea.	44869.25
96	<p>Replacing old and unserviceable by new 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 Hz. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing.</p> <p>ICS=100% of ICU only Cat III</p>	8.00	6790.23	Ea.	54321.84
97	<p>Replacing old and unserviceable by new 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 Hz. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing.</p> <p>ICS=100% of ICU only Cat III</p>	2.00	8861.74	Ea.	17723.48

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
98	Replacing old and unserviceable by new 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 Hz. with all internal connections, spreader tinned copper & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III	1.00	23041.13	Ea.	23041.13
99	Replacing old and unserviceable by new 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	0.80	3202.71	Rn.Mtr.	2562.17
100	(C) Suitable for 300 Amp. capacity	1.00	4909.61	Rn.Mtr.	4909.61
101	Replacing old and unserviceable by new 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 Cat.III	142.00	123.22	Ea.	17497.24
102	Replacing old and unserviceable by new 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 (B) 40 Amp. Cat.III	12.00	362.59	Ea.	4351.08
103	Replacing old and unserviceable by new 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. Cat.III	13.00	811.03	Ea.	10543.39

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
104	Replacing old and unserviceable by new Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (A) single phase incoming and horizontal single phase outgoing (b) sheet steel double door (IP-43) (ii)6 way	2.00	885.77	Ea.	1771.54
105	(A) single phase incoming and horizontal single phase outgoing (b) sheet steel double door (IP-43) (v) 16 way	4.00	1680.64	Ea.	6722.56
106	(B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (b) sheet steel double door (ii)6 way	5.00	2913.85	Ea.	14569.25
107	Replacing old and unserviceable by new 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 (ii) 40Amps. DP Cat. III	21.00	2458.34	Ea.	51625.14
108	Providing and erecting Annealed bare Copper wire 4.064mm to 1.626mm.	4.00	794.87	Kg.	3179.48

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
109	<p>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.</p> <p>(a) For Electrical Installation up to 440V in normal soil Length of pipe - 1 Mtr Back filling compound - 1 Nos Bag of 15 Kg.</p>	2.00	4591.46	Ea.	9182.92

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
110	<p>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.</p> <p>(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.</p> <p>(A) locally fabricated panel board</p> <p>(i) with 350 mm depth</p>	2.70	10468.65	Sq. Mtr.	28265.36
111	<p>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.</p>	60.00	77.77	Kg.	4666.20
112	<p>Replacing old and unserviceable by new Providing and erecting FRLS-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</p> <p>(E) 3 1/2 core 95 Sq. mm (50 Sq. mm 1/2 core)</p>	20.00	589.84	Mtr.	11796.80
113	<p>(H) 3 1/2 core 185 Sq. mm (95 Sq. mm 1/2 core)</p>	15.00	1085.75	Mtr.	16286.25

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
114	Replacing old and unserviceable by new Providing and erecting FRLS-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	30.00	184.83	Mtr.	5544.90
115	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (D) 2 to 4 core 16 Sq. mm	2.00	47.47	Ea.	94.94
116	Providing and, fixing heavy duty flange type brass double compression type cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables. (D) 3 & 1/2 core 95 Sq. mm	2.00	131.30	Ea.	262.60
117	(G) 3 & 1/2 core 185 Sq. mm	2.00	238.36	Ea.	476.72
118	Solder less crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (C) 16 Sq.mm.	8.00	15.15	Ea.	121.20
119	(D) 50 Sq.mm.	2.00	20.20	Ea.	40.40
120	(F) 95 Sq.mm.	8.00	40.40	Ea.	323.20
121	(I) 185 Sq.mm.	6.00	80.80	Ea.	484.80
122	Replacing old and unserviceable by new Providing & erecting Approved make Power Saving 45 - 50 Watt Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C. 50 Hz 1200 mm sweep complete having 3blades with aluminium blades with , canopy & 30 cm. down rod erected with earthing.(Make shall be approved by Engineer in charge))	138.00	1948.29	Ea.	268864.02
123	Supplying & erecting Fan Hook of 10 mm M.S. Round bar grouted in RCC slab with Making the site as original.	138.00	43.43	Ea.	5993.34
124	Supplying & erecting approved make low noise decorative exhaust fan having square frame ABS body with inbuilt lowers & square frame. 200mm with 1350RPM Cat.II	4.00	1366.53	Ea.	5466.12

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7
125	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.	2.00	1275.63	Ea.	2551.26
126	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.	2.00	1558.43	Ea.	3116.86
127	Supplying and erecting Ammeter / Voltmeter selector switch for 3 phase AC Supply 500 V on existing panel board with necessary connections.	4.00	317.14	Ea.	1268.56
128	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	6.00	274.72	Ea.	1648.32
129	Supplying and erecting approved make suitable panel indicator LED type lamp, lens cover, complete erected with necessary connections.	6.00	43.43	Ea.	260.58
			Total Electrical Work =		16,90,984.72
	(Civil Work+ Electrical Work) Total =				1,41,41,705.97

I / Weam / are willing to carryout the work at..... % above/ below percent (Should Be written in figures and words)
of the estimated rate mentioned above Amount of my / our tender works out as under

(*Please strike out whichever is not applicable).

*Estimated amount put to tender

Deduct.....% below

Net.....

In words.....

*Estimated amount put to tender

Add.....% Above

Net.....

In words.....

Item. No.	Description of Item (with brief specification and reference to book of specifications)	Quantities	Rate in Figure	Unit	Amount
1	3	2	4	6	7

Note 1:- The Contractor shall exhibition board with detailed specification and details of work as directed by the Engineer – In – Charge for which no extra payment shall be made

Note 2:- The labourcess will be deducted as per prevailing rules i.e. 1% of the work done.

Note 3:- GST and Income tax TDS will be deducted at a source while making payments of bills.

Note 4:- In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt G.R.: PRC-10/2017 Cement Consumption/16/C Date: 11/05/2017 as stated in S.O.R. therefore in R.C.C. items where the reisa change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.

Note 5 :- Credit amount Rs.1,24,071.76 of dismanteled material Deducted in 1 St RA Bill
(Civil Work Rs.67,088.00 + Eletric Work Rs 56,983.76)

Signature of Bidder

Executive Engineer
R&B Division
Junagadh