

Item Number (upto 200 characters)	Item Description	Quantity (only figures)	Unit (upto 50 characters)	Tender Rate (Upto 2 Decimals)	Amount (Upto 2 Decimals)
1	Excavation for foundation includ.sorting out & stacking of useful materials & disposing of the excavated stuff upto 50 mt. Lead . With Manual Labour. (B) Dense or Hard soil , (a) Up to 1.5 mt. Depth.	27.50	CU.M	261.73	7197.58
2	(b) 1.5 To 3.0 MT Depth	18.50	CU.M	295.10	5459.35
3	Providing & laying cement concrete 1:4:8 (1cement :4 coarse sand : 8Crushed stone agg 40mm Nominal size)&curing comp. incl. cost of form work in : (a) Foundation. (b) ground beam base.(c) P.C.C base @plinth level	2.75	CU.M	2769.69	7616.65
4	Providing & Laying controlled cement concrete M 250 and curing complete including the cost of form work and reinforcement for reinforced concrete work in (A) foundation , footing , base of column and mass concrete	8.25	CU.M	4688.00	38676.00
5	Providing & Laying controlled cement concrete M 250 and curing complete including the cost of form work and reinforcement for reinforced concrete work in. (H) R.C.C WALL (up to plinth)	4.85	CU.M	7916.60	38395.51
6	Filling available excavated earth (excluding rock) in,trenches, plinth , sides of foundation etc. in layers of not exceeding 20 cm. in depth , consolidating each disposed layer by ramming and watering.	22.00	CU.M	136.92	3012.24
7	Providing TMT bars Fe-500D reinforcement for R.C.C. work including binding, bending and placing in position etc. comp. Up to floor two level.	1900.00	KG	77.29	146851.00
8	Filling in foundation and plinth with murrum or selected soil in layer of 20 cm thickness including watering ramming and consolidation etc.comp.	2.00	CU.M	292.69	585.38
9	Providing filling rubbles including hand packink and filling interstices with quarry spalls as directed.	1.00	CU.M	1094.11	1094.11
10	Providing & laying C.C 1:2:4 (1cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size)&curing comp. excluding cost of form work in : (a) Foundation & Plinth .	1.00	CU.M	3704.64	3704.64
11	Carrying out plinth treatment to post constrution/existing structrue by spraying chemical solution for termite control treatment including labour and material consistent with I.S.I specification .Using Chlordene and Chiorpurfiles 20 ECAs per 6131_part-2 consenstration Weight one percent isrecommended i.e one litre 20 EC chemical emulsion with 19 liter 1% concentration inclusive of one litre chemical emulsion application at the rate of 5 litre chemical.sqm of surfsce is recommended as per I.S	22.00	SQM	87.03	1914.66
12	Providing & Laying controlled cement concrete M 250 and curing complete including the cost of form work and reinforcement for reinforced concrete work in. (A) COLUMN	1.50	CU.M	7216.00	10824.00
13	(B) BEAM	3.50	CU.M	6408.00	22428.00
14	(C) SLAB	2.00	CU.M	6408.00	12816.00
15	(D) LINTELS	0.50	CU.M	7800.00	3900.00
16	(H) R.C.C WALL	2.00	CU.M	7916.60	15833.20
17	Providing TMT bars Fe-500D reinforcement for R.C.C. work including binding, bending and placing in position etc. comp. Up to floor two level.	3000.00	KG	77.29	231870.00
18	Brick work using common burnt clay building bricks having crushing strength not less than 35kg/sq.cm in cement mortar 1:5 (1: cement , 5: coarse sand) (a) ground level. (conventional)	8.00	CU.M	4533.81	36270.48
19	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35kg/sq.cm incement mortar 1:4 (1: cement , 4: coarse sand) (conventional)	2.00	SQM	672.26	1344.52
20	Providing and fixing 150 mm wide, approved quality chicken wire mesh (FRP / PVC)at junction of brick work and RCC work or two dissimilar surfaces, at all heights fixed by nails, rowal plugs or tag by cement mortar 1:3 before applying plaster including curing , scaffolding all complete as directed.	15.00	SQM	102.00	1530.00
21	Providing 15mm. thick cement plaster in single coat on rough (similar)side of single or half brick walls for interior plastering up to floor two level and finished even in cement mortar 1:4	100.00	SQM	177.05	17705.00
22	(B) for ceilings and soffits of stairs.	30.00	SQM	203.11	6093.30
23	Providing 20mm. thick double coat sand faced cement plaster on walls up to 10 meters above ground level consiting of 12mm thick backing coat of cement plaster C.M. 1:3 (1 cement :3 sand) and 8 mm thick finising coat of C.M. 1:1 (1 cement :1sand) etc complete.. (a) ground floor	115.00	SQM	347.42	39953.30
24	Prov 35 mm wide throating of plaster drip etc.comp as per architect instructions.	5.00	RMT	28.05	140.25
25	Providing cement vata (10cm x 10cm) quater round in cement mortar iclcluding neat cement finishing , watering etc. complete. (a) all floor	5.00	RMT	24.28	121.40
26	Providing & laying granite slab 18mm thick in Window-Door seal Frame Etc laid on 10mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) with nessary adhesive material and finished with flush pointing in white or colour cement, including rubbing & polishing comp.. (Basic Rate:- Rs.1000.0/S.M.) (A) DOOR WINDOW FRAME	25.00	SQM	2026.00	50650.00
27	Labour Charges For Edge Finished For Granite	25.00	RMT	70.00	1750.00

28	Applying two coats of putty and 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 matter and sand papered smooth.	50.00	SQM	40.59	2029.50
29	Wall painting (two coats) with plastic emulsion plastic paint of approved brand and manufacture on undecorated wall surface to give an even shade including brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	50.00	SQM	83.35	4167.50
30	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.	120.00	SQM	119.07	14288.40
31	(B) Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of following operations. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound over the R.C.C. slab including cleaning the surface before treatment. (b) Laying cement concrete using broken bricks/brick bats 25 mm to 100 mm size with 50% of cement mortar 1:5 (1 Cement : 5 Coarse sand) admixed with proprietary water proofing compound conforming to IS:2645 ,brick bats is finally covered by jointless cement plaster 20mm th. in C.M. 1:4 added with special water proofing compound conforming to IS:2645 & top smooth finished with trowel with false chequered marking of 300 mm.size.The treatment is carried along the vertical surface of the parapet & other adjoining wall up to height of about 300 mm in a shape of quarter round vata Incl. curing etc. Comp. With average thickness of 120 mm and minimum thickness at khurra as 65 mm.(c) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be down in order and as directed and specified by the engineer-in-charge. With average thickness of 120 mm and minimum thickness at khurra as 65 mm. (c) The whole terrace so finished shall be flooded with water for a minimum period of two week for curing and for final test. All above operation to be down in order and as directed and specified by the engineer in charge, with average th. of 120 mm and minimum th. at khutra as 65 mm . (cement consumption 0.511 bag/s.m)	35.00	SQM	519.00	18165.00
32	Providing and fixing rebar of following diameter using chemical grout of Swanchore/Hilti/Fischer or equivalent make including cost of all equipments , tools , material , labour ,etc. Standard procedure as mention in manufacturer's specifications shall be strictly followed , which shall be submitted and got approved from the authority prior to start of work . The rate shall also include cost of drilling of hole of required diameter and depth as mentioned in manufacturer's specification , cleaning the hole with required air blower and other necessary tools and trackles , positioning, providing and grouting chemical , allied fixtures and fasteners etc, but excluding the cost of reinforcing bar. Item includes necessary scaffolding , staging , labour , tools and equipments , etc . complete as directed by the engg. -incharge. (A) 8 MM	50.00	No.	80.00	4000.00
33	(B) 10 MM	50.00	No.	90.00	4500.00
34	(C) 12 8MM	10.00	No.	125.00	1250.00
35	(D) 16MM	10.00	No.	190.00	1900.00
36	(E) 20 8MM	6.00	No.	340.00	2040.00
37	(F) 25 8MM	4.00	No.	500.00	2000.00
38	Demolition including stackng of serviceable material and disposal of unserviceable material with all lead and lift (i) R.C.C. WORK	3.90	CU.M	1110.75	4331.93
39	Demolition Brick work and stone work including stacking of serviceable material and disposal of unserviceable material with all lead and lift (i) in cement mortar.	5.00	CU.M	577.92	2889.60
40	Dismantiling steel work including distempering and stacking the materials with all lead and lift.	100.00	KG	3.85	385.00
41	Dismantiling tiled of stone work including stacking of unserviceable materials with all lead and lift. (i) in cement mortar.	30.00	CU.M	50.10	1503.00

42	Supplying, Erecting, Testing & Commissioning the passenger / stretcher lift having following main features: (a) General Features & Special Features of the all lift items shall be taken as below. (A) GENERAL DESCRIPTION OF LIFTS. [1] GEAR LESS LIFT DRIVE (MRL) comprising of High Starting torque Lift 3 phase 440 V A. C. Permanent Magnet Synchronous motor of proper rating with high efficiency shall be used.[2] Micro processor based / PLC, ACVVVF, vector control drive with encoder feedback closed loop system shall be used for lift car and door operation which shall be full collective selective operation hall call demand response, UP/DOWN hall stops, Main, Up/ Down Contactor with overload and phase reversal relay and safety controls. [3] Car with M S platform with bracings of adequate size and to sustain the impact load cabin + passenger with safety factor of fire for steel and side panels of Stainless steel of sheet of grade 304 duty. Car ceiling will be S.S. finishes with aesthetic appearance with LED ceiling lights. Car flooring shall be of anti skid PVC with choice of colour of engineer in charge. Car doors shall be of stainless steel grade 304, hairline finish with centre opening / telescopic automatic doors. Car panel will also be S.S. 304 finished with emergency stop device, mechanical door safety device, facility of auto/ attended mode. All car panel buttons and all floor switches must be with brail language as per lift act. [4] All landing doors must be fire rated for 2 hour shall be fully automatic centre opening/ telescopic opening made of hairline finish steel grade of 304 with key holes and infrared curtains with Unlocking facility from outside [5] Appropriate battery operated emergency light in the car along with alarm switch shall be provided. Also, Emergency Light & Fan should start immediately without any Time Delay as soon as power fails. [6] Digital scrolling indicator system for up-down arrow along with floor position indicator shall be provided inside the car and at all floors. [7] Full height infra red curtain with multiple cross / crossing light beams shall be provided.[8] Automatic Rescue Device (ARD) shall be provided accordingly of passenger capacity with Manual Rescue Operation (Manual Cranking Facility). [9] Audio visual indication in the lift car showing over loading shall be provided such that doors kept open till excess load is removed. [10] Spring buffers/PU Buffers shall be provided. [11] Car fan as per passenger capacity with automatic sleep timer shall be provided. [12] Voice annunciator with suitable music shall be provided in lift car. [13] Self diagnostics system for operational and safety parameters shall be provided in control panel. [14] Mechanical over speed governor with governor calibration as per actual site parameters and submission of calibration certificate submission, door key holes in the floor doors, fireman switch shall be provided. [15] Lift machine hoisting arrangement in the lift machine room and monkey ladder for lift pit should be provided by the lift agency, along with the other steel structure works, foundations for the machine etc... [16] In the hoist way fascia plate shall be provided without any extra cost, where ever required as / if directed by engineer in charge. [17] Permanent wiring with necessary safety devices like RCCB in all circuit, Over Voltage Under Voltage protection and THD eliminator in circuit for lift machine room and lift well with proper numbers of light points, with fixtures, exhaust fan and plug points shall be provided by the agency. Only 3 phase Power Supply shall be made available by department in lift machine room. Necessary Earthing as per Lift Act/Rules shall be arranged by Lift Agency. [18] Any civil/ electrical works for additional and alteration in lift shaft and machine room related to erection of lift shall be made by lift agency without any extra cost. (granite/marble fixing around all landing door openings are not in lift agency's scope.) [19] Agency has to provide all working drawings and documents and liaison services for obtaining all necessary permission from lift inspector and other authorities. [20] acrylic transparent licence/display A4 size holder in lift car [20A] As per statutory requirement of Govt. Of Gujarat lift & escalator act 2000, lift agency has to provide 1. Car top safety barricade 2. Push & talk communication system. 3. Fireman's switch operation at Ground Floor. 4. carrying out third party lift inspection during/after lift erection and provide report by third party authorized by concern licensing authority 5. agency has to provide third party insurance upto completion of free maintenance period and submit the document for the same. [21] Car Panel Operating Buttons with floor position indicator/buttons must be of Auto Glow type clearly visible when view from inside cabin. [22] For Physically Handicapped person Full Length Handrails of hairline finish steel grade of 304 should be provided at appropriate height on the Rear & Side Wall Panels in Lift Car. (B) SPECIAL FEATURES DESCRIPTION OF LIFTS for PREMIUM category 1. Advanced control system dual 64 bit embedded microprocessor with CANBUS Serial Communication mode including Regenerative power efficient operation, on site programming facility, Anti nuisance, Pre-opening, BMS/RMS with necessary online real time monitoring system having necessary connectivity for remote monitoring & other suitable supporting hardware & software devices to fulfil the purpose. 2. Floor Indication LCD Display with call registration & brail mark with arrival gong and hall lantern & TFT Screen in the car with MP3 Voice Announcer. 3. CAR Panel should be Scratch resistive SS Moonrock finish / Hair Line / Honeycomb for car and all Doors, All landing doors must have fire rating up to 2 hours and car door must have multi-level crisscross beam door protection. 4. To & fro communication system & wiring (i.e. car , control room & guard room) and Each elevator are equipped with remote monitoring system, agency has to provide mobile app and user id and password for monitoring 8/10 Passengers, Ground plus 3 upper floor with Rated Speed of 1.0 m/sec., (C) With General PLUS ADDITIONAL SPECIAL FEATURES attached herewith. Prem. Cat.	1.00	Each	1560017.00	1560017.00
43	Providing & erecting approved make overload non-start feature & overload warning Indicator system in the lift with making use of sound isolated floating platform & micro switches on SI frame to get sensation of live load inside lift cage at any given moment, with provides new fixtures of overload warning inside lift cage with new relay in the existing control panel to activate 'Overload Non-Start Function with carrying out additional wiring including laying of new travelling cable, include minor civil work & without changing the existing capacity speed stops, travel & operation of the desired lift	1.00	Each	32527.05	32527.05
44	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) 3 1/2 core 25 Sq. mm (16 Sq. mm 1/2 core)	10.00	Meter	180.79	1807.90
45	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. (A) 3 & 1/2 / 4 core 25 Sq. mm	2.00	Each	66.66	133.32
46	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) 16/25 Sq.mm.	10.00	Each	15.15	151.50
47	Providing and erecting Annealed bare Copper wire 8 to 16 SWG.	8.00	KG	794.87	6358.96
48	Supplying & erecting in earthpit of minimum bore dia. 225mm size approved make Safe 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 80 mm having 80-200 Micron galvanising, Inner pipe dia of 40 mm having 200-250 Micron galvanising, connection terminal dia of 14 mm 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 resistane 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, Sulphar 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.[C] For Electrical Installation covering Transformer Neutrals, Lightning arrester Earthing, A.C.Plant & Sensitive Computer System(like Automation, SCADA)i.e. independent Earthing located in other than normal soil i.e. Soft Rock, Marshy Soil etc.. -Length of Pipe : 3 Mtrs. -Back filling Compound :2 nos Bags of 25 Kg.	6.00	Each	10593.89	63563.34
49	Providing one bag of 25 Kg. Additional Back Filling Compound (BFC) suitable for safe earthing device.	15.00	Each	707.00	10605.00

50	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 Cat III	1.00	Each	6173.12	6173.12
	TOTAL AMOUNT :				2452523.68