Bill of Quantities (BOQ)

Construction of Pedestrian Bridge with Lift and Escalator at Chabahil Chowk & Mitrapark Chowk, KMC-07

IFB No.: KMC/06-06-083-84-NCBW

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Provision of laboratory tests outside the Site Laboratory (Independent Laboratory) of Cement, brick, Dachi bricks, sand, aggregate, lime, surkhi, rebar etc. and which ever required as per the specification and instructed by engineers up to the completion of the project.	PS	1.00	5,00,000.00 Five lakh rupees only.	5,00,000.00 Five lakh rupees only.
PS.2	Provision of first aid facilities with First-Aid kits and Safety items (Safety work-wear, safety helmets, Safety belts, safety boots, goggles, masks and Gloves) for consultants, labours, Clients including Special Officials and Guest visitors all complete as per specification and approval of engineer up to the completion of the project.	PS	1.00	1,50,000.00 One lakh fifty thousand rupees only.	1,50,000.00 One lakh fifty thousand rupees only.
PS.3	Provide, erect and maintain project site notice board (1.5x2)m minimum as per approval of engineer and specification all complete up to the completion of the project.	PS	1.00	40,000.00 Forty thousand rupees only.	40,000.00 Forty thousand rupees only.
PS.4	Providing and placing Ganesh Murti (700mmx1200mm) of Stone all complete as per drawing and instruction of consultant.	PS	1.00	60,000.00 Sixty thousand rupees only.	60,000.00 Sixty thousand rupees only.
PS.5	Providing & installation of nut and bolt for every metal connection of required diameter as per drawings all complete as per instruction of Engineer	PS	1.00	9,00,000.00 Nine lakh rupees only.	9,00,000.00 Nine lakh rupees only.
PS.6	Landscaping works at mid island with necessary top soil, nutrients, turfing, flowers etc. all complete as per instruction of Engineer	PS	1.00	15,000.00 Fifteen thousand rupees only.	15,000.00 Fifteen thousand rupees only.
PS.7	Provisional Sum for Daily wages for labour incurred during the Construction work	PS	1.00	5,61,000.00 Five lakh sixty-one thousand rupees only.	5,61,000.00 Five lakh sixty-one thousand rupees only.
PS.8	Site clearance works during & after completion of project including disposal of materials all complete as per instruction of the Engineer.	LS	1.00	1,30,000.00 One lakh thirty thousand rupees only.	1,30,000.00 One lakh thirty thousand rupees only.

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.9	Dismantaling, storage/disposal of Existing Metal Structure Staircase frame all complete as per instruction of the Engineer.	LS	1.00	10,00,000.00 Ten lakh rupees only.	10,00,000.00 Ten lakh rupees only.
PS.10	The Items Not Specified in the BOQ.	LS	1.00	12,40,296.76 Twelve lakh forty thousand two hundred ninety-six rupees and seventy-six paisa only.	12,40,296.76 Twelve lakh forty thousand two hundred ninety-six rupees and seventy-six paisa only.
PS.11	Contractors All Risks (CAR) Insurance premium for the works damage for contract work for all risk including Riot, Strike, Fire, Damage, Malicious damage and Terrorism for contract work for project period 12 months + 1 year Maintenance period upto the completion of the project.	PS	1.00	5,00,000.00 Five lakh rupees only.	5,00,000.00 Five lakh rupees only.
PS.12	Insurance Premium for construction equipments and machines with value of Rs 20,00,000.00 for 12 months upto the completion of the project.	PS	1.00	50,000.00 Fifty thousand rupees only.	50,000.00 Fifty thousand rupees only.
PS.13	Insurance Premium for Third party liability Personal Injury only per Rs 2,00,000.00 for 10 persons for 12 months upto the completion of the project.	PS	1.00	50,000.00 Fifty thousand rupees only.	50,000.00 Fifty thousand rupees only.
PS.14	Insurance premium for the Personal Accident Insurance of owner and consultant staff (named) Rs 10,00,000.00 per person for 20 person per annum upto the completion of the project.	PS	1.00	80,000.00 Eighty thousand rupees only.	80,000.00 Eighty thousand rupees only.
	Total provisional sums				52,76,296.76 Fifty-two lakh seventy-six thousand two hundred ninety-six rupees and seventy-six paisa only.

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Clearing, grubbing and removing top soil including bushes, small trees, leveling of undulated ground, shorting and stacking/storing etc. ready for layout all complete as per drawings, specifications and instructions of the Engineer.	sq.m.	389.63			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.2	Complete Shoring works for temporary retaining of excavated edges in footing upto 4m height by supplying, fitting and fixing using 4mm thick metal sheets, 100mm MS pipes @ 400mm c/c spacing with 45 inclined bracing 100mm MS Pipes @1200mmc/c spacing and horizontal ties at two level of ISMC 100 in perfect line and level all complete as per provided drawings, specifications and instruction of the Engineer	sq.m.	511.97			
1.3	Providing and fixing the Double MS black pipe scaffolding with Green Safety Net including removing it after completion of the work and cleaning thoroughly all complete as original condition or as per instruction by the site Engineer	sq.m.	2,152.26			
1.4	Providing, Boring and installing bored cast-in-situ RCC Pile (excluding Reinforcement and concrete) in all types of soil including Bentonite and other consumable and removal of excavated earth with necessary lifts and lead all complete as per Drawing and Technical Specifications, Pile diameter-500 mm	r.m.	369.60			
1.5	Earthwork in Excavation using excavator (0.8 cu.m. capacity) of the ordinary soil or gravel mix soil for foundation purpose for required depth as per drawing from the +/- 0 ground level and excess soil to be deposited to the filling area or disposing outside the construction premises, etc all complete as per drawings, specifications and instructions of the Engineer	cu.m.	796.07			
1.6	Earth backfilling with excavated soil including dressing of sides, ramming in 150mm layer by layer by mechanical compacter with watering for optimum density of soil all complete as per drawing, specifications and instructions of engineer.	cu.m.	266.33			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.7	Providing and laying uncoursed hand packed River Boulder Stone soling in foundation after compaction of soil (>=95% dry Density) without any special dressing of stone including filling interstices with suitable quarry waste or stone quarry sand, watering, compaction using appropriate mechanical means with all contractor materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer.	cu.m.	93.33			
1.8	Supply, mixing, placing compacting PCC work in 1:3:6 with cement, sand and aggregate including mixing, laying, finishing to approved level,line and dimensions and curing all complete as per specification and direction	cu.m.	31.11			
1.9	Supply, mixing, placing compacting PCC work in 1:2:4 with cement, sand and aggregate including mixing, laying, finishing to approved level,line and dimensions and curing all complete as per specification and direction	cu.m.	24.06			
1.10	Supply, mixing, transporting, placing, compaction, protection, levelling and curing M-25 concrete (1:1:2) for RCC works using machine as per requirement all complete as per drawing, specification and approval of Engineer	cu.m.	383.25			
1.11	Supply, mixing, transporting, placing, compaction, protection, levelling and curing M-20 concrete (1:1.5:3) for RCC works using machine as per requirement all complete as per drawing, specification and approval of Engineer	cu.m.	37.32			
1.12	Supplying and laying centering, shuttering of various pattern formwork with 19mm thick waterproof plywood & steel for all kind of RCC works including nails, propping, scafolding, staging, supporting, horizontal barcing and other required bracing in proper lines and level, sealing the joints, De-shuttering as approved by the engineer etc all complete as per drawings, specifications and instruction of the Engineer	sq.m.	1,254.24			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.13	Provide and place first class chimney made brick work above the ground floor with 1:4 cement sand mortar in perfect line and level including wetting the bricks, packing the joints and cutting the works in all types and thickness of walls including curing all complete work as per specification and direction of Engineer	cu.m.	153.96			
1.14	Providing and placing Dachi Appa through out length with (1:1:2) lime, surkhi, sand mortar in perfect line and level including connection with chicken wire mesh in 300mm c/c vertically and throughout the length in horiziontal, wetting the bricks, packing the joints and cutting the works in all types and thickness of walls all complete as per drawing, specification and instruction of consultant.	sq.m.	1,437.65			
1.15	Providing and placing Traditional Brickwork through out length with (1:1:2) lime, surkhi, sand mortar in perfect line and level including connection with chicken wire mesh in 300mm c/c vertically and throughout the length in horiziontal, wetting the bricks, packing the joints and cutting the works in all types and thickness of walls all complete as per drawing, specification and instruction of consultant. Kassimo/Chandrama	r.m.	370.41			
1.16	Mikhafushi	r.m.	162.49			
1.17	Mayurmeth	Nos	28.00			
1.18	Kerafo	r.m.	349.76			
1.19	Snake Cornice	r.m.	49.68			
1.20	Palefo	r.m.	338.37			
1.21	Sinkhwa	r.m.	244.12			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.22	Supplying and fixing of chicken wiremesh 16 to 14 gauge i.e. 1.5 mm to 2.03 mm diameter galvanized steel wire mesh (1 inch x 1 inch) on walls before plastering all complete as per drawing, specification and instruction of consultant	sq.m.	429.45			
1.23	Providing & laying 12.5mm cement sand plaster (1:4) on walls of good finish including racking the joints, wetting the surface and curing the work all complete as per the specifications and approval of Engineer (Inside Plaster)	sq.m.	374.56			
1.24	Providing and applying two coats of first quality Duraseal/Silicon (Thinner Base) paint on exterior wall surface all complete as per drawing, specification and the instruction of the consultant	sq.m.	1,253.98			
1.25	Provide and place two coats of emulsion of approved color on over one coat of primer all complete as per specification and instruction of the Engineer	sq.m.	374.56			
1.26	Providing and applying two coats of Double boiled Linseed Oil paint of approved manufacturer on wooden frame, shutters, Post, columns, decorative carved cornice and other exposed wooden items including removal of existing paints with smoothening of surface using sand paper and all necessary materials, all complete as per drawing, specifications, and the instruction of the consultant	sq.m.	363.51			
1.27	Providing and applying two or more coats of wood preservative paints over all wooden items with all necessary materials, all complete as per drawing, specifications, and the instruction of the consultant	sq.m.	363.51			
1.28	Provide and place two or more coats of enamel paints of approved color over one coat of primer all complete as per specification and instruction of the engineer	sq.m.	2,441.15			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.29	Providing and laying of 25mm thick Kota Stone on flooring and skirting including 25-35 mm thick c/s (1:4) mortar beneath it at bottom acting as the base, including joint sealing between the tiles with proper grout, maintaining proper slope, line and level as per drawing, specification & instructions of engineer all complete.	sq.m.	529.23			
1.30	Supplying Surface Hardening compound with trimix finish, non metallic abrasion resistant topping for heavily stresssed areas (@ 6 kg per m2) as per specification, drawing and instruction all complete.	Kg	863.58			
1.31	Supplying and laying highly Carved Sal wood Lattice (Jali) Tiki Jhya including wooden frame with good finishing to approved level, lines and dimensions all complete as per drawings, specification and instruction of the Site Engineer.	sq.m.	60.49			
1.32	Supplying and laying Sal wood Lattice (Jali) Tiki Jhya for carved shutter with good finishing to approved level, lines and dimensions all complete as per drawings, specification and instruction of the Site Engineer.	sq.m.	5.24			
1.33	Supplying and laying 5mm thick glass with wooden Listi in window frame finishing to approved level, lines and dimensions all complete as per drawings, specification and instruction of the Site Engineer.	sq.m.	58.03			
1.34	Supplying and laying Nepali Sal well seasoned wood for Tudal to approved level, lines and dimensions all complete as per drawings, specification and instruction of the Site Engineer.	cu.m.	2.75			
1.35	Providing and Fixing Carved Tudal (excluding wood) with good finishing to approved level, lines and dimensions all complete as per drawings, specification and instruction of the Site Engineer.	sq.m.	73.22			
1.36	Providing and fixing in position seasoned dressed sal timber frames of specified section required for doors/windows assembled with wooden nails including cost of hold fast, screws etc. all complete as per drawing, specification & instructions of engineer	cu.m.	0.08			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.37	Supplying and fixing of glazed shutter in 38x75 mm thick sal wood frame with 5mm thick plain glass fitting including all necessary hardware fittings all complete as per drawings, specification and instruction of the engineer	sq.m.	2.42			
1.38	Providing and fixing Structural Glazing of aluminum section in natural or color anodized/powder coated color Section size (60x75+13x1.6mm) fitted with 5 mm color glass (with required openings) all complete as per drawings, specification and instruction of the Site Engineer.	sq.m.	449.89			
1.39	Providing and fixing Structural Glazing of aluminum section in natural or color anodized/powder coated color Section size (60x75+13x1.6mm) fitted with 5 mm color glass (with required openings) all complete as per drawings, specification and instruction of the Site Engineer.	r.m.	126.94			
1.40	Supplying, laying and fixing of waterproof plywood of 19 mm thick on roof including all necessary items, all complete as per drawing, specification and instruction of engineer.	sq.m.	267.91			
1.41	Supplying and fixing of 1mm thick polymer modified self adhesive bituminous water proofing membrane over 19mm plyboard including all necessary accessories all complete as per drawing, specification and instruction of the consultant.	sq.m.	267.91			
1.42	Supplying and fixing 22 gauge Brass plate covering on roof, Naagol and eaves board of approved quality including all necessary accessories, work all complete as per drawings, specification and instruction of the consultant.	sq.m.	406.90			
1.43	Providing and fixing 1.5" thick Eaves Board of Sal wood with three side plaining all complete as per drawing and specification and instruction of site Engineer.	sq.m.	59.51			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.44	Supplying, fabrication, installation of channel section, I-section, base plate, stiffner, battern, nut bolt, connection plates, gusset plates, MS Sheets, square pipes and othe required in proper line, level and plumb as per design with one coat of primer paint all complete as per directed by the engineer.	Kg	89,447.83			
1.45	Providing & installation of 500mm depth Threaded Anchor Bolt of (M20, 8.8) grade all complete as per instruction of Engineer	Nos.	288.00			
1.46	Providing & installation of 500mm depth Threaded Anchor Bolt of (M24, 8.8) grade all complete as per instruction of Engineer	Nos.	96.00			
1.47	Supplying, cutting, fabricating, transportating, placing and tie, ribbed reinforcement steel bars (Fe 500D TMT) including cost of 16 gauge black annealed binding wire, spacer bars, lappings, hooks, etc and support and lead and lift up to required floor, all complete as per specification and approval of Engineer	MT	74.99			
1.48	Supplying, cutting, fabricating, transportating, placing and tie, ribbed reinforcement steel bars (Fe 500D TMT) including cost of 16 gauge black annealed binding wire, spacer bars, lappings, hooks, etc and support and lead and lift up to required floor, all complete as per specification and approval of Engineer	r.m.	365.20			
1.49	Supplying, cutting, fabricating, transportating, placing and tie, ribbed reinforcement steel bars (Fe 500D TMT) including cost of 16 gauge black annealed binding wire, spacer bars, lappings, hooks, etc and support and lead and lift up to required floor, all complete as per specification and approval of Engineer	sq.m.	151.98			
1.50	Making and fixing of Bhairab of 20 gauge Copper plate medium size 4" (avg 255gm weight) as per instruction of Engineer	Nos.	216.00			
1.51	Providing and fixing 22 gauge 12" brass sheet Kunpa making and fixing on roof (avg wt 1.8 kg) as per instruction of Engineer	Nos.	28.00			

Construction work
CPV: 45000000-7 - Construction work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.52	Providing and fixing Iron Belt for Eaves Board all complete as per instruction of site Engineer	Nos.	311.00			
1.53	Providing and fixing of Wind Bell 4" with complete set as per instruction of Engineer	Nos.	246.00			
1.54	Providing and fixing 24 gauge brass sheet gajur having 36" height and thickness 0.63mm (7.2Kg Per Gajur) all complete as per drawing and specification and instruction of site Engineer.	Kg	36.00			
1.55	Providing and fixing 20 gauge brass sheet gajur having 24" height and thickness 0.63mm (3.5Kg Per Gajur) all complete as per drawing and specification and instruction of site Engineer.	Kg	14.00			
1.56	Wiring of light/fan points:- Supply of materials and wiring with FR-LS PVC Insulated multistrand twisted copper flexible wire inside 20/25mm dia. PVC FR-LS rigid conduit without any joint in middle of the span with necessary connecting, fixing, insulating and jointing materials as per drawing and specification all complete. All the exhaust fan, Bathroom and wet area wiring shall be provided with earthing wire included witout any additionl cost. Seperate conduit should be provided for different final circuits. Neutral and/or earth conductor common is not allowed for different final circuits. For final/main circuit termination at distribution board, 1.5/4 sq. mm Electro-tinned copper Compression cable lugs/socket ring/pin/flat/U-type with colourable V end cap shall be used. The rates below are inclusive of main/final circuits. Wiring/Color coding standards: As per latest amendment NBC-207, IS-732 (FR-LS wire confirming NS-344/IS-694 latest edition: Pioneer,Rathi, Litmus or equvalent. ; FRLS grade conduit heavy duty (HMS): Shield, Precision, Polycab or equivalent as per BS EN 50086 / IS: 9537-III) Light, fan point with 2x2.5 Sq. mm copper wire inside 20mm dia. conduit, wire nuts, cable lugs/socket, bends, circular & Junction boxes.	point	143.00			

Construction work
CPV: 45000000-7 - Construction work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.57	Wiring of light/fan points:- Supply of materials and wiring with FR-LS PVC Insulated multistrand twisted copper flexible wire inside 20/25mm dia. PVC FR-LS rigid conduit without any joint in middle of the span with necessary connecting, fixing, insulating and jointing materials as per drawing and specification all complete. All the exhaust fan, Bathroom and wet area wiring shall be provided with earthing wire included witout any additionl cost. Seperate conduit should be provided for different final circuits. Neutral and/or earth conductor common is not allowed for different final circuits. For final/main circuit termination at distribution board, 1.5/4 sq. mm Electro-tinned copper Compression cable lugs/socket ring/pin/flat/U-type with colourable V end cap shall be used. The rates below are inclusive of main/final circuits. Wiring/Color coding standards: As per latest amendment NBC-207, IS-732 (FR-LS wire confirming NS-344/IS-694 latest edition: Pioneer,Rathi, Litmus or equvalent. ; FRLS grade conduit heavy duty (HMS): Shield, Precision, Polycab or equivalent as per BS EN 50086 / IS: 9537-III) 2 way Light point with 3x2.5 Sq. mm copper wire inside 20mm dia. conduit, wire nuts, cable lugs/socket, bends, circular & junction boxes.	point	3.00			

Construction work
CPV: 45000000-7 - Construction work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.58	Wiring of power points:- Supply of materials and wiring with FR-LS PVC Insulated multistrand twisted copper flexible wire inside 20/25mm dia. PVC FR-LS rigid conduit without any joint in middle of the span with necessary connecting, fixing, insulating and jointing materials as per drawing and specification all complete. All the exhaust fan, Bathroom and wet area wiring shall be provided with earthing wire included witout any additionl cost. Seperate conduit should be provided for different final circuits. Neutral and/or earth conductor common is not allowed for different final circuits. For final/main circuit termination at distribution board, 1.5/4 sq. mm Electro-tinned copper Compression cable lugs/socket ring/pin/flat/U-type with colourable V end cap shall be used. The	point	4.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
	rates below are inclusive of main/final circuits. Wiring/Color coding standards: As per latest amendment NBC-207, IS-732 (FR-LS wire confirming NS-344/IS-694 latest edition: Pioneer,Rathi, Litmus or equvalent. ; FRLS grade conduit heavy duty (HMS): Shield, Precision, Polycab or equivalent as per BS EN 50086 / IS: 9537-III) 3 pin 6/16 A general outlet/ floor socket point with 2x4+1x2.5 sq. mm copper wire inside 20mm dia. conduit, wire nuts, cable lugs/socket, bends, circular & junction boxes. (single, double or triple sockets in same faceplate shall count as one point)					
1.59	Wiring of power points:- Supply of materials and wiring with FR-LS PVC Insulated multistrand twisted copper flexible wire inside 20/25mm dia. PVC FR-LS rigid conduit without any joint in middle of the span with necessary connecting, fixing, insulating and jointing materials as per drawing and specification all complete. All the exhaust fan, Bathroom and wet area wiring shall be provided with earthing wire included witout any additionl cost. Seperate conduit should be provided for different final circuits. Neutral and/or earth conductor common is not allowed for different final circuits. For final/main circuit termination at distribution board, 1.5/4 sq. mm Electro-tinned copper Compression cable lugs/socket ring/pin/flat/U-type with colourable V end cap shall be used. The rates below are inclusive of main/final circuits. Wiring/Color coding standards: As per latest amendment NBC-207, IS-732 (FR-LS wire confirming NS-344/IS-694 latest edition: Pioneer,Rathi, Litmus or equvalent. ; FRLS grade conduit heavy duty (HMS): Shield, Precision, Polycab or equivalent as per BS EN 50086 / IS: 9537-III) International pin 11/13 A general outlet/Ceiling cassette, FCU, Ductable point point with 2x2.5+1x2.5 sq. mm copper wire inside 20mm dia. conduit, wire nuts, cable lugs/socket, bends, circular & junction boxes (single, double or triple sockets in same faceplate shall count as one point)	point	4.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.60	INDOOR LIGHT:- Supply of light fixtures, fixing, interconnection, testing and commissioning complete with LED Panels (COB or SMD), Holders, electronic ballast, drivers, capacitor with all required mounting and fixing accessories as per drawing and specification all complete. (All the panel/down lights shall be Aluminium housing, backlit type. COB lights, outdoor lights shall be made of die-cast aluminium with good heat sink, efficacy >100%, CRI>80, diffuser, flicker free, and accessories with constant current isolated driver of PF>0.95, THD<10%, SPD 2.5KV). The fixture shall comply with the EMC/EMI. Light fixture standard: Latest IS-16102-1/2, IS-16103-1/2, IS-16108 or higher.Brands: Jaquar, Philips,Mayfair or equivalent 2W/m LED Strip Light, [Select: 12V/24V] DC, CRI >80, including compatible Constant Voltage LED Driver (sized with 20% margin), surface/recessed Aluminum Profile with frosted diffuser, end caps, mounting clips, and 2-core copper wiring, all complete as per manufacturer specifications.	rm	330.00			
1.61	INDOOR LIGHT:- Supply of light fixtures, fixing, interconnection, testing and commissioning complete with LED Panels (COB or SMD), Holders, electronic ballast, drivers, capacitor with all required mounting and fixing accessories as per drawing and specification all complete. (All the panel/down lights shall be Aluminium housing, backlit type. COB lights, outdoor lights shall be made of die-cast aluminium with good heat sink, efficacy >100%, CRI>80, diffuser, flicker free, and accessories with constant current isolated driver of PF>0.95, THD<10%, SPD 2.5KV). The fixture shall comply with the EMC/EMI. Light fixture standard: Latest IS-16102-1/2, IS-16103-1/2, IS-16108 or higher.Brands: Jaquar, Philips,Mayfair or equivalent 12W,160-260V AC, 50Hz, 80Ra, 3000-6000K, 60*Beam angle, 100lm/W, 1200 Lumen min., THD<10%, IP20, IK02, internal surge protection 2.5kV, 50000Hrs fixture burning life @ min. 70% of Lumen, Non-Dimmable LED Surface Down light.	set	40.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.62	EXTERNAL LIGHT (ATTACHED TO THE BUILDING):- Supply of light fixtures, fixing, interconnection, testing and commissioning complete with LED Panels (COB or SMD), Holders, electronic ballast, drivers, capacitor with all required mounting and fixing accessories as per drawing and specification all complete. (All the panel/down lights shall be Aluminium housing, backlit type. COB lights, outdoor lights shall be made of die-cast aluminium with good heat sink, efficacy >100%, CRI>80, diffuser, flicker free, and accessories with constant current isolated driver of PF>0.95, THD<10%, SPD 2.5KV). The fixture shall comply with the EMC/EMI. Light fixture standard: Latest IS-16102-1/2, IS-16103-1/2, IS-16108 or higher.Brands: Jaquar, Philips,Mayfair or equivalent Recessed 2W LED Niche Light with pressure die-cast aluminum body, high-efficiency COB LED, CRI >80, CCT [Select: 3000K/4000K/6500K], power factor >0.9, including external/internal driver and all necessary mounting accessories as per architect's/Engineer approval.	set	40.00			
1.63	EXTERNAL LIGHT (ATTACHED TO THE BUILDING):- Supply of light fixtures, fixing, interconnection, testing and commissioning complete with LED Panels (COB or SMD), Holders, electronic ballast, drivers, capacitor with all required mounting and fixing accessories as per drawing and specification all complete. (All the panel/down lights shall be Aluminium housing, backlit type. COB lights, outdoor lights shall be made of die-cast aluminium with good heat sink, efficacy >100%, CRI>80, diffuser, flicker free, and accessories with constant current isolated driver of PF>0.95, THD<10%, SPD 2.5KV). The fixture shall comply with the EMC/EMI. Light fixture standard: Latest IS-16102-1/2, IS-16103-1/2, IS-16108 or higher.Brands: Jaquar, Philips,Mayfair or equivalent 12W max, 160-260V AC, 50Hz, 70Ra, 3000-4000K, 120-180*Beam angle, 80lm/W, 1200 Lumens min., THD<10%, IP65, IK06, internal surge protection 4kV, LED Bulk head light.	set	10.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.64	EXTERNAL LIGHT (ATTACHED TO THE BUILDING):- Supply of light fixtures, fixing, interconnection, testing and commissioning complete with LED Panels (COB or SMD), Holders, electronic ballast, drivers, capacitor with all required mounting and fixing accessories as per drawing and specification all complete. (All the panel/down lights shall be Aluminium housing, backlit type. COB lights, outdoor lights shall be made of die-cast aluminium with good heat sink, efficacy >100%, CRI>80, diffuser, flicker free, and accessories with constant current isolated driver of PF>0.95, THD<10%, SPD 2.5KV). The fixture shall comply with the EMC/EMI. Light fixture standard: Latest IS-16102-1/2, IS-16103-1/2, IS-16108 or higher.Brands: Jaquar, Philips,Mayfair or equivalent 10W max., 159X99X66mm, 220-240V AC, 3000K, 600 lumens, IP65, LED up down light. Similar to 800039.	set	36.00			
1.65	EXTERNAL LIGHT (ATTACHED TO THE BUILDING):- Supply of light fixtures, fixing, interconnection, testing and commissioning complete with LED Panels (COB or SMD), Holders, electronic ballast, drivers, capacitor with all required mounting and fixing accessories as per drawing and specification all complete. (All the panel/down lights shall be Aluminium housing, backlit type. COB lights, outdoor lights shall be made of die-cast aluminium with good heat sink, efficacy >100%, CRI>80, diffuser, flicker free, and accessories with constant current isolated driver of PF>0.95, THD<10%, SPD 2.5KV). The fixture shall comply with the EMC/EMI. Light fixture standard: Latest IS-16102-1/2, IS-16103-1/2, IS-16108 or higher.Brands: Jaquar, Philips,Mayfair or equivalent 3W max., 79X77X36mm, 220-240V AC, 3000K, 230lm/w, IP65, LED down light. Similar to 582088	set	16.00			
1.66	Switches and sockets : Supply of switches, sockets as mentioned below, 18 SWG GI metal boxes, Cover plate with metal frame, screw, and other necessary materials with its Installation, Interconnection and commissioning including civil works as per IS-3854, IS-1293 and international standard, drawing , specification all complete. All white finish or as per interior design. 10 A 1 Gang 1 way switch-1 module. Brands: Legrand Myrius NextGen, Northwest Artisa, Panasonic Europa, Schneider Zencelo or equivalent	set	2.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.67	Switches and sockets : Supply of switches, sockets as mentioned below, 18 SWG GI metal boxes, Cover plate with metal frame, screw, and other necessary materials with its Installation, Interconnection and commissioning including civil works as per IS-3854, IS-1293 and international standard, drawing , specification all complete. All white finish or as per interior design. 10 A 1 Gang 2 way switch-1 module. Brands: Legrand Myrius NextGen, Northwest Artisa, Panasonic Europa, Schneider Zencelo or equivalent	set	5.00			
1.68	Switches and sockets : Supply of switches, sockets as mentioned below, 18 SWG GI metal boxes, Cover plate with metal frame, screw, and other necessary materials with its Installation, Interconnection and commissioning including civil works as per IS-3854, IS-1293 and international standard, drawing , specification all complete. All white finish or as per interior design.10 A 4 Gang 1 way switch-4 module. Brands:Legrand Myrius NextGen, Northwest Artisa, Panasonic Europa, Schneider Zencelo or equivalent	set	4.00			
1.69	Switches and sockets : Supply of switches, sockets as mentioned below, 18 SWG GI metal boxes, Cover plate with metal frame, screw, and other necessary materials with its Installation, Interconnection and commissioning including civil works as per IS-3854, IS-1293 and international standard, drawing , specification all complete. All white finish or as per interior design.10 A 6 Gang 1 way switch-6 module. Brands:Legrand Myrius NextGen, Northwest Artisa, Panasonic Europa, Schneider Zencelo or equivalent	set	2.00			
1.70	Switches and sockets : Supply of switches, sockets as mentioned below, 18 SWG GI metal boxes, Cover plate with metal frame, screw, and other necessary materials with its Installation, Interconnection and commissioning including civil works as per IS-3854, IS-1293 and international standard, drawing , specification all complete. All white finish or as per interior design. 3 pin 6/16 A switched socket with shutter-3 module. Brands: Legrand Myrius NextGen, Northwest Artisa, Panasonic Europa, Schneider Zencelo or equivalent	set	10.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.71	Switches and sockets : Supply of switches, sockets as mentioned below, 18 SWG GI metal boxes, Cover plate with metal frame, screw, and other necessary materials with its Installation, Interconnection and commissioning including civil works as per IS-3854, IS-1293 and international standard, drawing , specification all complete. All white finish or as per interior design. international pin 13A switch socket with shutter (Single socket in a single face plate)-3 module. Brands: Legrand Myrius NextGen, Northwest Artisa, Panasonic Europa, Schneider Zencelo or equivalent	set	4.00			
1.72	Supply, delivery, laying and connecting of the following Armoured/unarmoured power cable 1100V grade including pull boxes and necessary fixing materials. chiselling of wall/ floors and redoing the chiselled area with cement & sand mortar, digging of underground cable trench 750mm from ground level and refilling with soil as per standards, drawing, specification, and site condition all complete. Power cable joints shall be avoided as much as possible, if joints are unavoidable, it shall be done with prior approval from electrical consultant and necessary testing shall be performed on the cable without any additional cost. Armoured/ Unarmoured cable brands: Pioneer, Rathi, Litmus or equvlt. 4CX16+1x10 SQ. MM PVC Copper Power Cable	rm	90.00			
1.73	Supply, delivery, laying and connecting of the following Armoured/unarmoured power cable 1100V grade including pull boxes and necessary fixing materials. chiselling of wall/ floors and redoing the chiselled area with cement & sand mortar, digging of underground cable trench 750mm from ground level and refilling with soil as per standards, drawing, specification, and site condition all complete. Power cable joints shall be avoided as much as possible, if joints are unavoidable, it shall be done with prior approval from electrical consultant and necessary testing shall be performed on the cable without any additional cost. Armoured/ Unarmoured cable brands: Pioneer, Rathi, Litmus or equvlt. 4CX10+1x10 SQ. MM PVC Copper Power Cable	rm	30.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.74	Supply, delivery, laying and connecting of the following Armoured/unarmoured power cable 1100V grade including pull boxes and necessary fixing materials. chiselling of wall/ floors and redoing the chiselled area with cement & sand mortar, digging of underground cable trench 750mm from ground level and refilling with soil as per standards, drawing, specification, and site condition all complete. Power cable joints shall be avoided as much as possible, if joints are unavoidable, it shall be done with prior approval from electrical consultant and necessary testing shall be performed on the cable without any additional cost. Armoured/ Unarmoured cable brands: Pioneer,Rathi, Litmus or equvlt. 4CX6+1x6 SQ. MM PVC Copper Power Cable	rm	70.00			
1.75	{a} 25x3 mm Bare copper stripe or Bare copper wire of 75 sq.mm ring/interconnection conductor and necessary interconnection clamps layed 0.6 to 1m under the ground. Make; OBO, CAPE, ABB or eqv.	rm	110.00			
1.76	{b} Plate earthing; Supply of materials and Installation of copper plate (600x600x3.15 mm), with earth conductor of size 75 sq. mm copper strip bare conductor up to inspection pit, salt, charcoal dust, bare copper conductor as per drawing with stainless steel/brass nutbolts & watering 2500mm, 32 mm dia PVC pipe, Cu/SS universal connector & its installation in a pit of 900x900x3000 mm with the layers of Earthing materials as per standard, specification, drawing and refilling the ground and inspection pit civil work all complete. Including the cost of Factory made original Earth Inspection pit (250x250x300)mm with cover. Make; OBO, CAPE, ABB or eqv.	set	1.00			
1.77	{c} Rod earthing; Supply of material and installlation of rod earthing of 50x3000 mm copper bonded earth rod (non corrosive, made up of low carbon steel molecularly bonded with copper to a minimum thickness of 254 microns all over including Cu/SS universal connector) with the layers of Earth enhancing chemical as per standard, specification, drawing and refilling the ground and inpection pit (250x250x300)mm civil work all complete. Make; OBO, CAPE, ABB or eqv.	set	7.00			

Construction work
CPV: 45000000-7 - Construction work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.78	Electrical Panel & Distribution Boards:- Design, Fabrication, Assembly, Wiring, Supply, Delivery, Installation, testing, and Commissioning of the following Panel Board 100 Panel Board with copper Phase bar/Cable and hardware As per drawing-1 set ; FDB/FDB-1:- INCOMMER:-100A Panel Board With Phase bar/Cable and hardware As per drawing-1 set :63A 4P MCCB, 25kA, incommer-1 set ;Indication LED Light with 2 A MCB -3 set;class 1, 100/5 C.T. Coil - 1 set (3-phase);Intelligent Multifunction Meter with A, V, kW, kWhr, kVA, kVAR with selecting knob outgoings - 1 set;Type 1+2, TP+N, Imax(65kA), 400V@50 Hz, Surge Protection Device with breaker - 1 set : OUTGOINGS- 32 A 4P MCB, 10kA - 3 set ;6/16 A SP MCB, 10kA - 12 set; Power and control cable as require -1 lot Breaker/Isolators/RCCB/RCBO: Terasaki(MCB-TEAM LIT & MCCB-TEAM BREAK 2), ABB(MCB-SB-200 & MCCB-TMAX), Schneider(Acti9, SX),Siemens(MCB-Betagard,MCCB-Sentron 3VA) (as per latest standards IEC-60898-1, IEC-61008, IEC 61009-1/2)	set	2.00			
1.79	Electrical Panel & Distribution Boards:- Design, Fabrication, Assembly, Wiring, Supply, Delivery, Installation, testing, and Commissioning of the following Panel Board 60 Panel Board with copper Phase bar/Cable and hardware As per drawing-1 set ; LIFT DB;- 32A FP MCB, 10kA, incommer-1 set;300mA, 40A, 4P, RCCB at incomer AC-type - 1 set;OUTGOING;-16A DP MCB, 10kA - 1 set;30mA, 16A, DP, RCCB at incomer AC-type - 1 set;16/6 A SP MCB, 10kA - 2 set: Power and control cable as require -1 lot Breaker/Isolators/RCCB/RCBO: Terasaki(MCB-TEAM LIT & MCCB-TEAM BREAK 2), ABB(MCB-SB-200 & MCCB-TMAX), Schneider(Acti9, NSX),Siemens(MCB-Betagard,MCCB-Sentron 3VA) (as per latest standards IEC-60898-1, IEC-61008, IEC 61009-1/2)	set	4.00			

Construction work
CPV: 45000000-7 - Construction work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.80	Electrical Panel & Distribution Boards:- Design, Fabrication, Assembly, Wiring, Supply, Delivery, Installation, testing, and Commissioning of the following Panel Board 100 Panel Board with copper Phase bar/Cable and hardware As per drawing-1 set ;	set	1.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
	FDB/FDB-1:- INCOMMER:-100A Panel Board With Phase bar/Cable and hardware As per drawing-1 set :63A 4P MCCB, 25kA, incommer-1 set ;Indication LED Light with 2 A MCB -3 set;class 1, 100/5 C.T. Coil - 1 set (3-phase);Intelligent Multifunction Meter with A, V, kW, kWhr, kVA, kVAR with selecting knob outgoings - 1 set;Type 1+2, TP+N, Imax(65kA), 400V@50 Hz, Surge Protection Device with breaker - 1 set : OUTGOINGS- 32 A 4P MCB, 10kA - 2 set ; 40 A 4P MCB, 10kA - 1 set ; 6/16 A SP MCB, 10kA - 6 set; Power and control cable as require -1 lot Breaker/Isolators/RCCB/RCBO: Terasaki(MCB-TEAM LIT & MCCB-TEAM BREAK 2), ABB(MCB-SB-200 & MCCB-TMAX), Schneider(Acti9, NSX),Siemens(MCB-Betagard,MCCB-Sentron 3VA) (as per latest standards IEC-60898-1, IEC-61008, IEC 61009-1/2)					
1.81	Electrical Panel & Distribution Boards:- Design, Fabrication, Assembly, Wiring, Supply, Delivery, Installation, testing, and Commissioning of the following Panel Board 100 Panel Board with copper Phase bar/Cable and hardware As per drawing-1 set ; FDB/FDB-1:- INCOMMER:-60A Panel Board With Phase bar/Cable and hardware As per drawing-1 set :40A 4P MCCB, 25kA, incommer-1 set ;Indication LED Light with 2 A MCB -3 set;class 1, 60/5 C.T. Coil - 1 set (3-phase);Intelligent Multifunction Meter with A, V, kW, kWhr, kVA, kVAR with selecting knob outgoings - 1 set; OUTGOINGS- 32 A 4P MCB, 10kA - 2 set ; 6/16 A SP MCB, 10kA - 6 set; Breaker/Isolators/RCCB/RCBO: Terasaki(MCB-TEAM LIT & MCCB-TEAM BREAK 2), ABB(MCB-SB-200 & MCCB-TMAX), Schneider(Acti9, NSX),Siemens(MCB-Betagard,MCCB-Sentron 3VA) (as per latest standards IEC-60898-1, IEC-61008, IEC 61009-1/2)	set	1.00			
1.82	Procurement of 35 kVA NEA meter including installation of smart meter, 4CX16 sq mm copper cable from tap point, 63 A MCCB all set complete	set	2.00			
1.83	Procurement of 25 kVA NEA meter including installation of smart meter, 4CX16 sq mm copper cable from tap point, 63 A MCCB all set complete	set	1.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.84	IP Based CCTV surveillance system: Supply of materials and wiring in FRLS PVC rigid conduit concealed/false ceiling without any joint in middle of the span as per drawings, specification and instruction all complete (FRLS conduit heavy duty: Shield, Precision, Polycab as per BS EN 50086 / IS: 9537-III) CAT 6 gigabit UTP Cable inside 20mm dia. Conduit with junction box and accessories for CCTV system up to PoE switch and UP-links (Make: R&M, Alantech, APW, Legrand)	rm	210.00			
1.85	IP Based CCTV surveillance system: Supply, installation, interconnection and commissioning of NVR, 8-Channel, H.265, 4K 12 MP, 8 SATA, 16 PoE. High decoding capability of Ultra 4K HD monitoring and recording. Supports De-warp fisheye camera video in local and web user interface for 360 degree situational awareness. 2 SATA bay with 12 TB HDD each and 1 eSATA port for external HDD. Pre-Iinstalled all the required software for standalone /distributed operation and integration of multiple NVR and VMS. Supports local as well as remote monitoring using VMS software. RAID 0/1/5/6/10 external storage compatibility supports a wide range of high capacity storage options. Conceal up to 4 areas of a scene from viewing and recording. Supports up to 16 alarm input channels and 6 alarm relay output channels. Supports for ONVIF Profile S, PSIA, real time treaming protocal standards. Supports sending notifications through email, FTP and/or HTTP. Maximum incoming and outgoing bandwidth of 320 Mbps. (make: Ruijie, Hikvision,Dahua or equiv.)	set	2.00			
1.86	IP Based CCTV surveillance system: Supply, installation, interconnection and commissioning of 24", LED, 4K display monitor for videowall with HDMI, ethernet, USB ports (make: Samsung, Soney, LG or equiv.)	set	2.00			
1.87	IP Based CCTV surveillance system: Supply, installation, interconnection and commissioning of 2MP 2.8-12mm Lens IP Dome camera, True Wide Dynamic Range (WDR) up to 120dB, Low light performance (0.035 lux in color mode), 30m IR distance, H.265 Smart Codec Video Compression, water/dust proof rating of IP66, IK10 protection, PoE supported, ONFIF profile S & G compliant. (make: Honeywell, Hikvision,Dahua or equiv.)	set	10.00			

Construction work
CPV: 45000000-7 - Construction work

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.88	IP Based CCTV surveillance system: Supply, installation, interconnection and commissioning of 2MP 2.8-12mm Lens IP Bullet camera, True Wide Dynamic Range (WDR) up to 120dB, Low light performance (0.035 lux in color mode), 50m IR distance, H.265 Smart Codec Video Compression, water/dust proof rating of IP66, PoE supported, ONFIF profile S & G compliant. (make: Ruijie, Hikvision,Dahua or equiv.)	set	2.00			
1.89	Supply, installation, testing and commissioning of MRL Gearless Passenger Lift (Gen2 or equivalent approved make such as Mitsubishi / OTIS / Hitachi), 612 kg capacity (9 passengers), 2 floors, 2 stops, 2 openings (all openings on same side), speed 1.0 m/s, travel as per approved drawing, Simplex Full Collective operation, complete in all respects including the following specifications:Machine & Drive: MRL Gearless machine with Permanent Magnet Synchronous Motor located in shaft at top; VVVF Regenerative Drive; Flat polyurethane coated belts(Mandatory) with pulse monitoring device; Belt Inspection Drive. Control System: Microprocessor-based modular controller (located inside lift well at top floor); Loop type serial communication; 3 Phase AC 400V ±10%, 50Hz ±5%; LCD TFT car position indicator; Stainless steel car operating panel buttons; Hall buttons (CPI style). Dimensions: Car size 1200×1300×2300 mm (W×D×H); Shaft size 1850×1850 mm (W×D); Entrance type – Center Landing Door (CLD); Entrance opening 1200×2100 mm; Overhead 4100 mm; Pit depth 1350 mm. Car Finish & Interior: Stainless steel hairline finish panels; PVC flooring; Rear side handrail; Cross flow fan; Auto fan cut-off; Voice synthesizer; Intercom. Safety & Protection: Overload device; Nudging; Manual rescue operation; Emergency fireman’s service; Emergency car light unit; Infrared curtain door protection; Door time protection; Grounding switch; Belt monitoring system. Standards & Certification: Conforming to EN 81 safety standard; 120-minute fire-rated landing doors with tested certificate. Including complete supply, erection, testing, commissioning, necessary wiring within lift system, accessories, safety devices, labour, tools & tackles, transportation, insurance, and handing over in complete working condition.	set	2.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.90	Supply, installation, testing and commissioning of MRL Gearless Passenger Lift (Gen2 or equivalent approved make such as Mitsubishi / OTIS / Hitachi), 884 kg capacity (13 passengers), 2 floors, 2 stops, 2 openings (all openings on same side), speed 1.0 m/s, travel as per approved drawing, Simplex Full Collective operation, complete in all respects including the following specifications:Machine & Drive: MRL Gearless machine with Permanent Magnet Synchronous Motor located in shaft at top; VVVF Regenerative Drive; Flat polyurethane coated belts(Mandatory) with pulse monitoring device; Belt Inspection Drive. Control System: Microprocessor-based modular controller (located inside lift well at top floor); Loop type serial communication; 3 Phase AC 400V ±10%, 50Hz ±5%; LCD TFT car position indicator; Stainless steel car operating panel buttons; Hall buttons (CPI style). Dimensions: Car size 1600×1350×2300 mm (W×D×H); Shaft size 2500×2650 mm (W×D); Entrance type – Center Landing Door (CLD); Entrance opening 900×2000 mm; Overhead 4100 mm; Pit depth 1350 mm. Rise 5.3m Car Finish & Interior: Stainless steel hairline finish panels; PVC flooring; Rear side handrail; Cross flow fan; Auto fan cut-off; Voice synthesizer; Intercom. Safety & Protection: Overload device; Nudging; Manual rescue operation; Emergency fireman’s service; Emergency car light unit; Infrared curtain door protection; Door time protection; Grounding switch; Belt monitoring system. Standards & Certification: Conforming to EN 81 safety standard; 120-minute fire-rated landing doors with tested certificate. Including complete supply, erection, testing, commissioning, necessary wiring within lift system, accessories, safety devices, labour, tools & tackles, transportation, insurance, and handing over in complete working condition.	set	2.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.91	Supply, installation, testing and commissioning of one outdoor escalator of approved make such as Mitsubishi Electric / Otis Elevator	set	4.00			

Construction work CPV: 45000000-7 - Construction work						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
	Company / Hitachi Ltd., suitable for direct weather-exposed conditions, having rise of 5125 mm, inclination 35°, span 12110 mm, step width 800 mm, speed 0.5 m/s, with 2 flat steps at both landings, complete with worm gear drive machine, SS 304 hairline finish handrail entry box and decking, balustrade height 930 mm, clear tempered glass interior panels with vertical balustrade joints, SS 304 skirt panels with transparent low-friction coating, black deflector device holders, SS 304 handrail guides with black dull finish handrails, natural finish aluminum alloy comb plates and floor plates, gray aluminum alloy steps with yellow safety inserts (3 lines), automatic lubrication system,with V3F Variable Voltage Variable Frequency(V3F), radar-based passenger detection at landings, complete with dedicated control panel, exterior cladding, all necessary accessories, supports, wiring, earthing, testing and commissioning, in compliance with EN 115:2017, including submission of shop drawings, load details, and complete handover documentation as required for a fully operational system. Escalator Position @ Chabahil Chowk Side Only. 1. Total Escalator 4 Nos (4 Set) # Each Side: Going Up+Coming Down. # 2 Set Lift Side of Road+2 Set Right Side of Raod.					

Total Item Price	
VAT (13.00%)	
Grand Total	