

## Scheduled of Quantities (SOQ) (NFN/CIVIL/636/2024)

## Annexure - I-B

Name of work: "Construction of Visitor Room and other Utility Services at NFL Factory Main Gate, Nangal Unit."			
Sr. No.	Description of Items	Unit	Quantity
1	Carriage of Materials by Mechanical Transport including loading,unloading and stacking upto 2 KM- Lime, moorum, building rubbish.	Cu.m.	20.00
2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in charge. - All kinds of soil.	Cu.m.	20.00
3	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cu.m.	15.00
4	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	Cu.m.	8.00
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :		
i)	1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size).	Cu.m.	7.00
ii)	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size).	Cu.m.	7.00
6	Centering and shuttering including strutting, propping etc. and removal of form work for :		
i)	Foundations, footings, bases for columns.	Sq.m.	15.00
ii)	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps ,slab etc.	Sq.m.	60.00
iii)	Columns, piers, abutments, pillars, posts and struts.	Sq.m.	80.00
7	Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 12.5mm nominal size derived from natural sources)	Sq.m.	5.00
8	Providing & applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with apiece of cloth lightly soaked in kerosene oil.	Sq.m.	5.00

Sr. No.	Description of Items	Unit	Quantity
9	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :		
	i) 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Cu.m.	3.00
10	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :		
	i) 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	Cu.m.	8.00
11	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	Cu.m.	10.00
12	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.		
	i) Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg.	2800.00
13	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand).	Cu.m.	15.00
14	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:6 (1 cement : 6 coarse sand)	Cu.m.	20.00
15	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. - Granite work.	Metre	50.00
16	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	Metre	10.00

Sr. No.	Description of Items	Unit	Quantity
17	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sq.m.	15.00
18	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) - Second class teak wood.	Cu.m.	0.70
19	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes, (weight not less than 10 kg per sqm) fixing with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws. Second class teak wood - 35 mm thick.	Sq.m.	4.00
20	Providing and fixing bright finished brass butt hinges with necessary screws etc. complete : 125x85x5.5 mm (heavy type)	Each	8.00
21	Providing and fixing bright finished brass tower bolts (barrel type) with necessary screws etc. complete : 250x10 mm	Each	6.00
22	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	2.00
23	Providing and fixing bright finished brass handles with screws etc. complete: 125 mm.	Each	10.00
24	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	Each	2.00
25	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg.	7500.00

Sr. No.	Description of Items	Unit	Quantity
26	Providing and fixing stainless steel ( Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	Kg.	50.00
27	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.: 40 mm thick with 20 mm nominal size stone aggregate.	Sq.m.	20.00
28	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).	Sq.m.	20.00
29	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	Sq.m.	3.00
30	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge. - Size of Tile 600x600 mm.	Sq.m.	30.00
31	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) - Size of Tile 600x600 mm.	Sq.m.	30.00
32	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.		

Sr. No.	Description of Items	Unit	Quantity
	i) Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent.	Sq.m.	20.00
	ii) Polished Granite stone slab of all colour having top surface texture / rough / Lappato etc.	Sq.m.	20.00
33	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. - 110 mm diameter.	Metre	50.00
34	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.		
	i) Coupler - 110 mm.	Each	10.00
	ii) Bend 87.5° - 110 mm bend.	Each	20.00
35	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. 110 mm.	Each	10.00

Sr. No.	Description of Items	Unit	Quantity
36	<p>Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts &amp; bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with:</p>		
i)	Fully Perforated Gypsum Plaster Board of size 1200 x 2400x12.5 mm having approx. 15 % perforated area with perforation size and pattern as approved by the Engineer in-charge and as per manufacturer's specification, with all 4 side tapered and backed by acoustical tissue with NRC value not less than 0.60	Sq.m.	30.00
37	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand).	Sq.m.	120.00
38	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand).	Sq.m.	100.00
39	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sq.m.	180.00
40	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sq.m.	180.00

Sr. No.	Description of Items	Unit	Quantity
41	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. - Two coats.	Sq.m.	180.00
42	Providing and fixing 16 mm M.S. Fan clamps of standard shape and size in existing R.C.C. slab, including cutting chase, anchoring clamp to reinforcement bar, including cleaning, refilling, making good the chase with matching concrete, plastering and painting the exposed portion of the clamps complete.	Each	2.00
43	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.		
	i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	Cu.m.	4.00
	ii) Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	Cu.m.	4.00
44	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cu.m.	5.00
45	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer in-charge.	Sq.m.	10.00
46	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. - In cement mortar.	Cu.m.	5.00
47	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of: Asbestos Cement sheet.	Sq.m.	200.00
48	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid.	Each	1.00
49	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap.	Each	1.00
50	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	Each	1.00

Sr. No.	Description of Items	Unit	Quantity
51	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	Each	1.00
52	Providing and fixing 100 mm sand cast Iron grating for gully trap.	Each	3.00
53	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	1.00
54	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	Each	1.00
55	Providing and fixing toilet paper holder : C.P. brass.	Each	1.00
56	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors : 100 mm inlet and 75 mm outlet - Sand cast iron S&S as per IS - 3989.	Each	1.00
57	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. - 600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	Each	1.00
58	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :		
	i) 15 mm dia nominal bore.	Metre	15.00
	ii) 20 mm dia nominal bore.	Metre	2.00
59	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. - External work:		
	i) 15 mm dia nominal bore.	Metre	25.00
	ii) 20 mm dia nominal bore.	Metre	6.00
60	Providing and fixing brass bib cock of approved quality : 15 mm nominal bore.	Each	2.00
61	Providing and fixing brass stop cock of approved quality :		
	i) 15 mm nominal bore.	Each	2.00
	ii) 20 mm nominal bore.	Each	2.00



Sr. No.	Description of Items	Unit	Quantity
62	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : 25 mm nominal bore.	Each	2.00
63	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 15 mm nominal bore	Each	1.00
64	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length - 15 mm nominal bore.	Each	4.00
65	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 ( 1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size ) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design : With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	Each	2.00
66	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm top diameter, 160 mm bottom diameter and 180 mm deep ( inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size ) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design : With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	Each	2.00
67	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :		
i)	15 mm dia nominal bore.	Each	2.00
ii)	20 mm dia nominal bore.	Each	2.00
68	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	Litres	1000.00
69	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 - 15mm nominal bore.	Each	2.00

Sr. No.	Description of Items	Unit	Quantity
70	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.	Each	1.00
71	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 a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand ) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) 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 done 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.	Sq.m.	35.00
72	Providing fancy items pertaining to public health work, Aluminium work, Electrical work, Split AC and any other items, items which are not covered under any other item of SOQ. For the purpose of payment %age above the Market rates of material supported by cash receipt / vouchers may be quoted. Note: The electrical works means, Only that electrical fitting which comes/ foul in civil tiling work e.g Switch Boards complete with box, Electrical wiring including conduiting upto tiling work, switches/plugs modular, 5amp/15 amp etc. is to done under this item as per requirement and instructions of engineer in charge.	LS	225000.00

Sr. No.	Description of Items	Unit	Quantity
73	Providing and fixing of 'Unistone' or equivalent Glass Reinforced Concrete (G.R.C) Wall Cladding Tiles in approved design, size, texture, thickness, pattern and color. The thickness of the tiles should range between 12 to 18 mm (depending on the texture of the tile), allowing variance of $\pm 2$ mm in accordance with IS: 1237-1980. The composition of tiles should be '43' Grade White Portland cement, reinforced with Alkali Resistant Glass Fiber and the pigmentation should be done with exterior grade synthetic inorganic iron oxide pigments manufactured by 'BAYFERROX (Germany)' or equivalent. The pigmentation should be homogeneous and in accordance with British Standards BS EN 12878:1999. The other additives should be fine washed graded quartz, super plasticizers and integrated water proofing agents and others. The tiles should be produced with high vibration technology and should have compressive strength equivalent to M-40 Grade@28 days. The top surface of the tiles should be sealed with acrylic lacquer resulting in surface water absorption of tiles, less than 1% and water absorption by 24 hrs immersion method, less than 8%. The tiles should be applied on a rough plaster of cement mortar 1:3 (1 cement: 3 coarse sand) and the fixing of tiles should be done by 'Unistone' tile adhesive or equivalent as per manufacturer's laying instruction.	Sq.m.	30.00
74	Providing and fixing Cement stone panelling .This item is inclusive of all accessories, packing charges,including the cost of making openings for light fittings, grills, Transportation, Labour installation complete in all respect as approved by architect and engineer incharge at all floors/ ht upto 20m	Sq.m.	15.00
75	Supplying and fixing of 12mm thick toughened glass of required size of make saint Gobain/ Modiguar including all fitting & Fixture making holes, cut outs in toughened glass by providing & fixing with necessary connectors to hold the glass in position @600mm C/C connected to walls / floors / structural members including sealing of joints with silicon etc. all around to make the area ingress free of dust / water etc with required aluminium angles section of size 35mm x 35mm x 5mm in top position of glass also to be connected with structural beams.	Sq.m.	16.00
76	Supply and Fixing ACP Sheet 3MM Thick of required shade, size and texture of make VIVA / ALSTRONG / VIRGO confirming to EN 520 : 2004 ASTM C1396 in true horizontal and vertical levels in ceiling / Cladding / Walls / Columns wherever required cutting / making opening for services like differences, grills, light fittings, fixtures, smoke detectors, AC Vent etc., complete at all heights as per specifications and Drawings. The frame work for supporting, ACP should be power coated metal grid mainly aluminum tubes, angle, channels with self – lapping ss screws. The joints between ACP panel if required to be finished with matching sealants of afforded colour. All tools and tackles including scaffolding required during erection shall be in scope of supplier.	Sq.ft.	100.00

Sr. No.	Description of Items	Unit	Quantity
77	Providing services for the spacialized jobs from the reputed architect/ interior designer/ architectural agency who are in this business. The services may include the site visit, discussion, preparing of drawings/ supervision and regarding the selection of colour, shade, size of fittings/ fixtures/ interior design etc., whichever required. For the purpose of payment %age above/ below the billed value raised by the expert/architect etc. for providing such service, supported by cash receipt / vouchers shall be considered against this item.	LS	40000.00
78	Providing and laying in position cement cocrete interlocking paver blocks conforming to IS: 15658 -2006, 100 mm thick having compressive strength 50N/mm2 (ISI Mark) of any design/shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.	Sq.m.	10.00
79	Supply and Fixing High Pressure Laminate (HPL) Sheet 6MM Thick of required shade, size and texture of make VIVA / ALSTRONG / VIRGO in true horizontal and vertical levels in ceiling / Cladding / Walls / Columns wherever required cutting / making opening for services like differences, grills, light fittings, fixtures, smoke detectors, AC Vent etc., complete at all heights as per specifications and Drawings. The frame work for supporting, ACP should be power coated metal grid mainly aluminum tubes, angle, channels with self – lapping ss screws. The joints between ACP panel if required to be finished with matching sealants of afforded colour. All tools and tackles including scaffolding required during erection shall be in scope of supplier.	Sq.m.	80.00
80	Assisting in executing various job un-susceptible to measurement and other work which are not including in any items stated above/ scope of works as per instructions of the Engineer-in-Charge. :		
i)	For this purpose, contractor has to deploy one Skilled Labour for one day (For 8:00 hour), which will be treated as one unit of each operation.	Each Operation	15.00
ii)	For this purpose, contractor has to deploy one Un-skilled Labour for one day (For 8:00 hour), which will be treated as one unit of each operation.	Each Operation	20.00

(Signatur of Contractor  
with Rubber Stamp)

(Rajesh Kumar)  
Chief Manager (Civil)