



## Tender Details

Dashboard > **Tender Consolidated Details**

Tender ID: 225231	IFB/Tender Notice No.:HD-26/25	Description of Material/Name of Work : Special Repairs to Seva Sadan III and Nirman Building at Kandla
ECV (INR):41021739.00	Last Date For Bid Submission: 29-10-2025 16:00	Tender Type/Tender Category :Open/WORKS
Location: Kachchh	Department: Deendayal Port Authority	Sub Department: Town Development Division

### View Tender Items

[BOQ Civil Part](#) || [BOQ Civil Part1](#) || [BOQ Electrical Work](#) || [View All Subwork](#)

#### BOQ Civil Part

Item No.	Item Description	Qty	Unit
1	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50.00 mtr km lead as directed by Engineer-in-charge.	274.000	M2
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : (A) Of area 3 sq. metres and below	116.000	Each
3	Removing old whitewash / distempering from wall surface even by thoroughly cleaning oil, grease, dirt & other foreign matter and with wire brushes, fine steel wool, scrapers and sand paper complete as directed by Engineer-in-charge.	10941.000	M2
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	2823.000	M2

Item No.	Item Description	Qty	Unit
5	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08 percent and conforming to IS: 15622, of approved make, in all colours and shades,laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand),jointing with grey cement slurry @ 3.3kg/sqm including 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. (A) Size of Tile 600x600 mm (The vitrified tile should be full body vitrified tile.)	2823.000	M2
6	Wall painting with Velvet touch paints of approved make and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface clear of all mortar droppings and other foreign matters and sanding etc. complete all labour, material & tools & tackles as directed.. THREE COATS.	10941.000	M2
7	Structural steel work riveted, bolted or welded in built up sections,trusses and framed work, including built up cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1757.700	Kg

Item No.	Item Description	Qty	Unit
8	<p>Providing and fixing Aluminium Composite panel cladding including at all levels &amp; framing as per the elevation, section and the plan drawings provided, fabricated out of heavy duty Aluminium extruded profiles conforming to alloy 643900 WP with chemical composition and mechanical properties as per IS-733 and as per specifications including the cost of scaffolding and other incidentals. b) The contractor must design the cladding as per the prevalent site conditions and building elevations profiles. No extra claims shall be entertained at any stage for aluminum profile/ wall thickness and size dimensions. The Contractor must quote rates accordingly. c) The anchoring / bracing of the wall cladding to the RCC beams/ columns shall be done with non-corrosive galvanized brackets of approved design (Galvanizing to be done conforming to IS 4759-1996 up to 610 gms. Per Sq. M. (80- 90 micron thickness). d) The framework shall be aligned for the entire height of each Mullion and of the entire width of each Transform by laser beam equipment to ensure 100 percent , "X" axis and "Y" axis alignment. e) EPDM Gaskets of suitable profiles (to accommodate shall be provided including the labour element for fixing in appropriate locations is to be included in the rate). f) The Periphery of the framework shall be sealed both from inside and outside with silicon weather sealant to make the cladding watertight. g) Cost of Aluminium composite panel consisting of a core of polyethylene sandwiched between two aluminium skins of 0.5 mm thickness with a mild edge. 4 mm total thickness with surface finish of PVDF coating as approved by the Engineer-in-charge, as shown in the elevation, plan and cross section drawings along with labour element for cutting stacking, carrying to heights and fixing to appropriate locations is included in the rates. h) All the vertical and horizontal section grooves are to be sealed non staining silicon sealant of make as specified in the list of approved make to make the entire system synchronies with the basic structural glazing/curtain wall structure and also make the system air tight and watertight. The fixing details should be got approved by the Engineer- in-charge. The peel off foil should be removed at the time of handing over as may be required by the Engineer-in-charge. I (i) ACP shall be as approved with high fiber filled sandwiched panel 4 mm installed on Aluminium framing and Galvanised brackets. Aluminium</p>	511.000	M2

Item No.	Item Description	Qty	Unit
	<p>cladding panel to be PVDF fluorocarbon coated factory applied colours. Reverse side to be in mill finish. All the joints shall be sealed with silicon sealant of approved make. The colour of sealant to be decided by Engineer-in-Charge. ii) A sample of panels and installation methods to be submitted to the Engineer-in-Charge for approval. j) Manufacture i) The panels must be visually flat. Any stiffener applied to compensate for wind load must not read through. k) Installation i) The panels shall be fixed in accordance with manufacture's recommendations. ii) Technical Properties of Aluminium Composite Panels iii) All cladding shall be of 4.0 mm thick aluminium composite panel comprising of high mineral filled core sandwiched between two skins of aluminium alloy. 1. Mechanical Properties : Tensile strength &gt;130 N / mm<sup>2</sup> : 0.2 percent proof stress 90 N / mm<sup>2</sup> : Elongation 5 percent : Modulus of elasticity 70,000 N/mm<sup>2</sup> 2. Vibration and Noise :Average airborne-Sound Damping Transmission loss R/N 25db (DIN 4109) 3. Thermal Transmittance"s: 0.014 m<sup>2</sup> °C/W 4. Moment of Inertia :0.347 cm<sup>4</sup>/m 5. Panel Weight :5.5 Kg/m<sup>2</sup> 6. Finish :PVDF stove lacquered (Fluoro carbon) on one side and reverse side in mill finish. 7. Colour :Colour to be selected by Engineer-in-Charge Representative using standard PVDF colour chart from manufacturer . l) Protection: Protection should not be removed until after installation. m) Warranties The Contractor shall provide a data to confirm compliance with specific requirements for resistance and fire properties. The guarantee should be for a 20 salt spray resistance and fire properties. The guarantee should be for a 10 year period against peeling chalking (No. 8 rating), fading, blistering, flaking, chipping and cracking. n) Measurement: The measurement shall be for exposed actual surface area with grooves cladded on plain/ curved surface excluding the concealed trims. o) Product i) ACP shall be as approved with high fiber filled sandwiched panel 4 mm of approved shade and colour and installed on Aluminium framing and Galvanised brackets. Aluminium cladding panel to be PVDF fluorocarbon coated factory applied colours. Reverse side to be in mill finish. All the joints shall be sealed with silicon sealant of approved make. The colour of sealant to be decided by Engineer-in-Charge. ii) A sample of panels and installation methods to be submitted to the Engineer-in-Charge for approval.</p>		

Item No.	Item Description	Qty	Unit
9	Designing, providing, fabricating and installing curtain glazing system (inclusive of vision, spandrel and openable panels) with back structure framing arrangement, as per approved design (based on concept architectural elevation drawings), Anodised Aluminium members like mullions, etc. in approved shade, including required stainless steel fitting and fixtures, required hot dip galvanised / non ferrous metal anchor fasteners, jointing and sealing with approved compatible silicon sealant (Dow Corning or equivalent approved), required fire stop, sheaves. Work to include preparing and finishing of junctions with concrete, masonry, aluminium including use of flashing if any as approved by the Engineer in charge etc. all complete, at all levels. Further include, design and details submitted by Architect, taking actual site measurements and modifying and coordinating with site and fabrication yard; giving waterproofing test etc. all confirming to international standards and to the entire satisfaction of the Engineer in charge. Further the system installed and tested shall be guaranteed for 10 years in approved proforma on stamp paper of appropriate value i) Vision panel of DGU with 5 mm toughened glass of SKN 265 of Saint Gobain or Eclipse advantage bronze of Pilkington Glass India PVT. Ltd or Bronze Brook of AIS, heat strengthen high performance clear glass of approved shade of reflective glass. ii) including openable panels	389.000	M2
10	Specifications to be same as item number 9 but for providing and fixing ACP having wooden shades with 4 mm thickness full (Through) of approved shade and make so as to achieve desired design pattern	194.000	M2
11	Plastering the existing surface with 12 mm thick cement plaster of mix 1: 4 (1 cement : 4 fine sand) including hacking the old surface, mixing water proofing chemical as per manufacture direction up height of 20mtr all complete with all labour and material as directed by Engineer in charge. 12 mm thick plaster CM 1 :4	3619.000	M2
12	Providing & fixing of artefacts ex. paintings, flower vase, wall pieces, doormat, carpet/rugs etc are placed/fixed in tumbler, bucket, mirror of size 3'x3', vending machine for sanitary napkins, automatic hand dryer machine, dustbins, tissue paper roll holder, roll etc. as directed by engineer-in - charge & as per drawing.	10.000	Nos.

Item No.	Item Description	Qty	Unit
13	Providing and fixing 'Birdedge' stainless steel spikes on windows of Building; made out of moulded polycarbonate base with ultraviolet stabilizer and of width 0.8" dia of hole 0.156" and dia of centre projection 0.125" and spikes projections are made of stainless steel of wire of dia .061" and spread of 2".0" length fixed with adhesive of superior quality on top of steel structure complete with all labor and materials as directed.	100.000	Rmt.
14	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile),appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg),G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc.After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid (A) Two track two panels sliding window made of (small series) frame 52 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 1.75 sqm)	141.000	M2
B	Two track two panels sliding window made of (big series) frame 67 x 50 mm & sash 46 x 62 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension . (Area of window above 1.75 sqm upto 2.50 sqm).	231.000	M2
15	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc.	110.000	Each

Item No.	Item Description	Qty	Unit
16	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.	110.000	Each
17	Providing and fixing chromium plated brass handles with necessary screws etc. complete: 125 MM	220.000	Each
18	Providing & fixing of Room Name Plate of size 22" x 7" with Etched S.S.Plate on teak wooden base polish front over a base of wood including cutting, fixing at size all taxes with all material & labour as directed by Engineer-in-charge.	80.000	Each
19	Providing & fixing Number Plates of size 6" x 6" with Etched S.S.plate on teak wooden base polish front over a base of wood including cutting, fixing at size all taxes with all material & labour as directed by Engineer-in-charge.	100.000	Each
20	Providing & laying cement concrete solid blocks 1:8:6 (machine made) confirming to relevant IS (Latest Edition) masonry 200mm thick set in cement mortar 1:6 including curing etc.complete as directed. In superstructure upto floor Six level.	25.000	M3
21	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. (A) In cement mortar	10.000	M3

Item No.	Item Description	Qty	Unit
22	<p>Providing &amp; fixing false ceiling system using hot dipped galvanized steel section, rotary stitched main tee of size 15mm x 42mm web height, having 0.36mm gauge at every 600mm c to c maximum and rotary stitched cross tee of size 15mm x 42mm, having 0.33mm gauge at every 600mm c/c and wall angle of size 19mm x 19mm, having 0.35mm gauge fixed to the periphery of the wall. The above grid is suspended at every 600mm c/c in both directions using 2 mm thick pre-straightened GI wire laying Fine Fissured Midrollok Edge with Silhouette Grid ceiling tiles of size 600mm x 600mm x 15mm having NRC 0.55, Light reflectance of &gt;84 percent (WT), thermal conductivity k equal to 0.052 - 0.057 W/m0K, Humidity Resistance of 99 percent, having Fire Performance Class O / Class 1 (BS 476), and 40mm long anchor fasteners, surface having 3 coats of white paint with Fine Fissured, back of the tile duty sanded and finished with a coat of protective paint over the formed grid complete. The work comprises of all tools, labours and materials to fix the ceiling in proper way as directed by engineer-in-charge. Before fixing the ceiling, the contractor has to approve the brand of all the materials from the engineer in charge. The work carried out up to floor six level (Armstrong make).</p>	670.000	M2
23	<p>Providing &amp; fixing of 48" dia DEENDAYAL PORT AUTHORITY Logo - Made from 2mm thick S.S.304 sheet with 2" embossed Lasercut fabricated letters and logo, water proof 3SMD blue LED modules backside letters and mounted with stud on wall (1.25" distance between 2 LEDs), waterproof SMPS / LED driver etc complete as directed by Engineer in charge.</p>	2.000	Each
24	<p>Providing &amp; fixing of 12" dia DEENDAYAL PORT AUTHORITY Logo - Made from 2mm thick S.S.304 sheet with 2" embossed Lasercut fabricated letters and logo, water proof 3SMD blue LED modules backside letters and mounted with stud on wall (1.25" distance between 2 LEDs), waterproof SMPS / LED driver etc complete as directed by Engineer in charge.</p>	2.000	Each
25	<p>Providing &amp; fixing of Sign Board with LEDs - Seva Sadan III in Hindi &amp; English both language of size 12" on ACP cladding including wiring, timer etc...</p>	1.000	Nos.
26	<p>Providing &amp; fixing of Sign Board with LED's - Nirman in English &amp; Hindi both language of size 12" on ACP cladding including electrical wiring, timer etc...</p>	1.000	Nos.



Item No.	Item Description	Qty	Unit
27	<p>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. (A) Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.</p>	446.000	M2

Item No.	Item Description	Qty	Unit
28	<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>	2562.000	M2
29	<p>Painting (one or more coats) with black Japan paint of approved brand and manufacture to give an even shade.</p>	1140.000	M2

Item No.	Item Description	Qty	Unit
30	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.).	1020.000	Kg
31	Demolishing cement concrete manually/ by mechanical means including disposal of material within 1.00 km lead as per direction of Engineer - in - charge. (A) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	5.100	M3
32	Providing edge moulding to 18 mm thick marble/granite stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc.complete as per design approved by Engineer-in-Charge.	1553.000	M
33	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : (A) Of area 3 sq. metres and below	3.000	Each
34	Dismantling floor work and roofs laid in cement mortar including stacking material within 50 metres lead. (A) For thickness of tiles above 25 mm and up to 40mm	166.000	M2
35	Cement concrete pavement with 1:2:4 (1 cement : 2coarse sand :4 graded stone aggregate 20 mm nominal size), including finishing complete.	209.000	M3
36	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 : (A) Cement mortar 1:6 (1 cement : 6 coarse sand)	25.000	M3

Item No.	Item Description	Qty	Unit
37	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08 percent and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting the joints of 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. ( The vitrified tile should be full body vitrified tiles)	1206.000	M2
38	Providing 20mm thick POP punning in right angle on wall including mechanical scrapping as directed by engineer in charge.	108.000	M2
39	providing & fixing of ceiling panels with following specifications including all material & labour as directed by engineer-in-charge. (A) wooden panel 18 mm ply box framing + vineer melamine polish with mat / glossy finish ,including ceiling light points.	36.000	M2
40	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge (A) 12 mm ply box framing with internal hollow space of 12 mm ply at black+ 6mm soft ply covered with fabric	18.000	M2
41	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge. 19 mm ply box framing + vinner + melamine polish with mat / glossy finish ,including light points.	18.000	M2
42	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge. 19 mm ply box framing + WPC sheet with paint on appling material ,including light points.	9.000	M2

Item No.	Item Description	Qty	Unit
43	Providing and erecting fully glazed frameless glass door made out of 12 mm thick toughened glass with pencil polish edges all around. Door shall be fixed with double leaf (2.5ft each) at main entrance & the top edge firmly connected with solid partition which further jointed to roof lintel/beam through proper glass shall be fitted with PATCH FITTING assembly inclusive of top and bottom patches,(ENOX) Floor spring & all necessary hardware such as Bottom lock, SS brushed handle of 2'0" long 1"dia on both sides. Cost of Floor spring & Etching design on glass door paid separately but other accessories mentioned here are inclusive in the rate which also includes the dismantling of existing Door. Detail as per drawing provided will be consultant.	16.200	M2
44	Providing and erecting fully glazed frameless glass panel made out of 12 mm thick toughened glass work with pencil polish edges all around and glass shall be fitted with PATCH FITTING assembly inclusive of top and bottom patches TOP SS RAILLING.	18.000	M2
45	providing & fixing of wall panels with following specifications including all material & labour as directed by engineer-in-charge (A) 12 mm double ply photo framing + MDF + duco paint + depth 300mm shelf ply + veneer + melamine polish with mat/glossy finish + notise board 2400 x 4800 mm.	6.000	M2
46	providing and laying brick cluster with flex stone 'brick naturale' having approx 18 -20 mm thickness and coverage of approx 0.17 square feet per piece using adhesives and having 'natural' pattern as approved by consultant including proper installation and achieving a levelled smooth surface and including other coincidentals etc.	6.000	M2
47	Providing and fixing in position S.S. name plate letters as per the approved drawing. The stroke/width of the letter will be 2", emboss will be of 2" & height of the letter will be 12" in English script. SS304 Glossy Matt finish having thickness of 18 gauge/1.2 mm including necessary approved brand material, fixture and finishing, requisite scaffoldings etc. complete job as required and as per the direction of Engineer in charge. (Name plates are to be fixed over building walls at the height of 1.83 as per the guidance of the consultant.)	1.000	Nos.

Item No.	Item Description	Qty	Unit
48	providing and installing brass inlays in flooring with tee shaped brass plates having polished surface comprising hard texture, having width and thickness as specified and approved by the consultant and to be laid in accordance with the drawings prepared by the consultant including complete finishing and all other incidentals with installation charge.	50.000	Mtr.
49	providing & fixing of louvers roller curtain on the windows with all necessary fixtures and all its accessories as per requirement and of approved colour and make complete with all labour and material etc. as directed by engineer in charge.	324.000	M2

#### BOQ Civil Part1

Item No.	Item Description	Qty	Unit
50	Providing & fixing of Wooden Palmet 600 mm x 150 mm using 12mm thick plywood sheet on top & back & 19mm plywood on front with 6mm thick terakwood beading hinged on 150mm wooden support with 6mm hinge including automotive paint as directed all labour & materials complete.	250.000	Rmt.
51	Providing & fixing of Tag Board using backside 6mm thick plywood with covering Fabric including nails, fevicols & labour etc..complete as directed.	15.000	Rmt.
52	Filling of cracks with cement mortar 1:1:2 consisting of one part of cement, one part of sand and two parts of six mm fine grit by making V-groove of size 25mm deep and 40mm wide in masonry up to height of six metre complete with scaffolding, curing etc. as directed by engineer in charge.	500.000	Rmt.
53	Removing of air conditioner outer from wall and refixing the same on terrace with all required materials including cable, copper wire, and labour as directed by Engineer in charge.	75.000	Nos.
54	Removing of cement / line plaster & plastering the walls in right angle with chicken mesh of 4 kg per 20 sqmt. Per bundle.	100.000	M2
55	Demolishing R.C.C. work by mechanical means and stockpiling at designated locations and disposal of dismantled materials up to a lead of 1 kilometre, stacking serviceable and unserviceable material separately including cutting reinforcement bars.	155.000	M3
56	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	132.000	M3

Item No.	Item Description	Qty	Unit
57	Providing and laying in position machine batched and machine mixed design mix M-30 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering,shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. a) All works upto plinth level	9.500	M3
b	All works above plinth level upto floor V level	159.000	M3
58	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500 Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete above plinth level.	1140.000	Kg
59	Thermo-Mechanically Treated bars of grade Fe-500	19080.000	Kg
60	Centering and shuttering including strutting, propping etc. and removal of form for all heights : (a) Suspended floors, roofs, landings, balconies and access platform	1171.000	M2
b	Foundations, footings, bases of columns, etc. for mass concrete	16.000	M2
c	Columns, Pillars, Piers, Abutments, Posts and Struts	32.500	M2
d	Lintels, beams, plinth beams, girders, bressumers and antilevers	19.500	M2
61	Finishing walls with Acrylic Smooth exterior paint of required shade: Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	2150.000	M2
62	Providing and laying mat finish full body vitrified parking tiles of 16 mm thickness of size 600x600 mm or more of 1st quality of approved make, in all colours, shades laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including pointing/filling the joints/grooves with epoxy filler and matching pigments etc., complete as directed by Engineer in charge.	970.000	M2

Item No.	Item Description	Qty	Unit
63	Repairing of RCC columns of any size by jacketing Upto height of 18m Including removing/ cleaning of deteriorated cement mortar/ concrete from damaged portion, dismantling existing masonry in width of 0.30m, cleaning , washing the surface, welding new reinforcement with existing reinforcement, applying nitrozin primer over old and new reinforcement, applying bond coat with SBR @ 4 percent by weight of cement, recasting column by jacketing with RCC M30 10cm thick, block/brick masonry of dismantalled portion, 20mm thick plaster in CM 1:3, necessary labour, tools tackles, scaffolding, all material complete as directed by Engineer in charge. (Reinforcement will be paid extra)	189.000	M2
64	Providing and fixing ISI marked flush door shutters conforming to IS :2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and 1.00mm th. laminate on both faces of shutters. 50 mm thick including ISI marked brass hinges 100 X 85 X 5.5 mm with necessary screws	253.000	M2
65	Plastering the existing surface with 20 mm thick cement plaster of mix 1: 4 (1 cement : 4 fine sand) including mixing water proofing chemical as per manufacture direction up height of 20mtr all complete with all labour and material as directed by Engineer in charge. ( in two coats i.e. first coat of 12mm thickness and second coat of 8mm thickness)	2780.000	M2
66	Providing and laying the water proofing on terrace by providing average 90mm thick of brick bat coba to necessary gradient and joint filled in CM 1:3 with mixing water proofing compound as per manufacturer's specification, rough to receive china mosaic (broken piece of china mosaic) of approved colour and pattern over top surface in C.M 1:3 and with cement slurry, giving proper slope to drain out rain water, compaction, curing etc., complete all labour and materials as directed by Engineer in charge.	1171.000	M2
67	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	8.000	No.



Item No.	Item Description	Qty	Unit
68	Providing and fixing wash basin with C.I. brackets, 15 mm PTMT pillar cock, 32 mm PTMT waste coupling of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required. White Vitreous China Flat back wash basin size 550x400 mm with single 15 mm PTMT pillar cock.	8.000	No.
69	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.	8.000	No.
70	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. a) 15 mm nominal outer dia Pipes	200.000	Mtr
b	25 mm nominal outer dia Pipes	100.000	Mtr
c	40 mm nominal outer dia Pipes	200.000	Mtr
71	Providing and fixing brass bib cock of approved quality : a) 15 mm nominal bore	30.000	No
72	Providing and fixing brass stop cock of approved quality : a) 15 mm nominal bore	30.000	No
73	providing & fixing of executive 360' revolving chair with high back and ss body base with wheels & pneumatic up & down with one point locking mechanism.	20.000	No
74	providing & fixing of executive 360' revolving chair with low back visitor chair and ss body base with wheels & pneumatic up & down with one point locking mechanism.	100.000	No
75	Supplying of furniture of various size and categories like working tables, chairs, for officers / J.E's / Clerical staff of all sections as per the attached plan. Complete with all labour & materials (As per List Mentioned below). (A) Working table with metal framing, ply with laminate top and two drawers with lock. (Size 1.80 m X 0.75m X 0.75 m)	90.000	No
B	Officer table with metal framing ply laminated top and two drawers with lock ((Size 1.80 m X 0.90m X 0.75 m)	30.000	No

Item No.	Item Description	Qty	Unit
76	Providing and fixing of cupboard / side rack 0.45 m depth but variable length made with 18 mm thick plywood top, side, down & 2 shelves with 6mm thick plywood @ the back. Top, front sides to be laminated with 1.0 mm thick sheet. Down to be fixed as sliding / openable panel and one coat primer & two coat paint to be applied on the inside, including cost of all the labour, materials, nails, fevicols, screws, taxes etc. complete as directed by Engineer-in-charge. Plywood to be used shall confirm by IS 303-1989.	83.500	M2
77	Providing and fixing plywood partition between working tables (As Shown In Drawing) consist of frame work of hard wood of size 50 x 50 mm thick with require numbers of bracings horizontally as well as vertically covered with 6mm thick ply on both side of frame and finished with 1.00 mm thick of laminated sheet all materials shall be used of approved quality brand and shed complete with cost of nails, fevicol, screws, taxes etc. of all labours and materials as directed engineer-in-charge	134.000	M2

#### BOQ Electrical Work

Item No.	Item Description	Qty	Unit
1	Providing and fixing of the concealed wiring at the office rooms by cutting / jerry on wall by providing modular switches light/tube point with PVC insulated single core as per Technical Specification No. 1	550.000	No.
2	Providing and fixing of the surface wiring for outdoor lobby area by providing modular switches light/tube point with PVC insulated single core standard 1.5 Sq.mm as per Technical Specification No. 2	95.000	No.
3	Providing and fixing concealed wiring at office rooms by cutting / jerry on wall by providing modular Fan point with PVC insulated single core standard 1.5 Sq.mm copper conductor wire twin module step cut electronic fan regulator as case may be as per Technical Specification No. 3	180.000	No.
4	Providing and fixing of surface wiring at outside office, lobby area by providing modular Fan point with PVC insulated single core standard 1.5 Sq.mm copper conductor wire & twin module step cut electronic fan regulator as case may be as per Technical Specification No. 4	45.000	No.
5	Providing and fixing of concealed wiring inside office rooms by cutting /jerry on wall for 3 x 5/6A X 240 Volt modular plug point with 3 nos. SP switches for computer as per Technical Specification No. 5	185.000	No.

Item No.	Item Description	Qty	Unit
6	Providing & fixing of surface wiring for single phase sub-circuit from the main switch /meter/DBs/MCBs to the switch board copper conductor as per Technical Specification No. 6	500.000	m
7	Providing & fixing of following concealed wiring for single phase sub-circuit from the main switch /meter/DBs /MCBs to the switch board as per Technical Specification No. 7	300.000	m
8	Providing and fixing concealed wiring for 32 A, Modular A.C. Point as per Technical Specification No. 8	35.000	No.
9	Providing and fixing of concealed wiring for 3 x 5 Pin 6A X 240 Volt Modular full Plug Point as per Technical Specification No. 9	132.000	No.
10	Providing and fixing concealed wiring for 3 x 5/6A X 240 Volt Modular Half Point as per Technical Specification No. 10	107.000	No.
11	Providing and fixing of concealed wiring for 15/16A X 240 Volt Modular Power Point as per Technical Specification No. 11	25.000	No.
12	Supply of 10 Way TPN Double Door Distribution Board as per Technical Specification No. 12	22.000	No.
13	Installation of 10 Way TPN Double Door Distribution Board as per Technical Specification No. 13	22.000	No.
14	Supply of 4 Pole, 125 A MCCB as per Technical Specification No. 14	22.000	No.
15	Supply of 3 phase, 125 A RCCB as per Technical Specification No. 15	22.000	No.
16	Supply of 6-32A SP MCB with 10kA Breaking Capacity in 'B' Series as per Technical Specification No. 16	150.000	No.
17	Fixing of MCCBs, MCBs, SPs & RCCBs in Distribution Box as per Technical Specification No. 17	194.000	No.
18	Supply of 13-15 Watt LED Down Light as per Technical Specification No. 18	550.000	No.
19	Fixing of 13-15 Watt LED Down Light as per Technical Specification No. 19	550.000	No.
20	Supply of 1200 mm Sweep ceiling Fan as per Technical Specification No. 20	55.000	No.
21	Installation of 1200 mm Sweep ceiling Fan as per Technical Specification No. 21	55.000	No.
22	Supply of 30-32 Watt recessed mounted LED Light as per Technical Specification No. 22	95.000	No.
23	Fixing of 30-32 Watt recessed mounted LED Light as per Technical Specification No. 23	95.000	No.
24	Preparation earthing station, chemical treated back filled compound earthing system with Pipe-In-Pipe 50 mm Dia GI type 3m Depth, Maintenance free as per Technical Specification No. 24	12.000	No.

Item No.	Item Description	Qty	Unit
25	Providing & connecting 8 SWG GI earthing wire for earth station to equipment as per Technical specification No. 25	2000.000	m
26	Removing of existing electrical Tube Light/ Fan/ Bell/ Computer Point & its allied electrical items, Wirings from Room/ Offices/ Lobby at Nirman & Seva Sadan III, as per Technical Specification No. 26	500.000	No.

Notes

Subwork Name	Description	Period of Completion	Scope of Subwork
BOQ Civil Part	As per tender	15.0	As per Tender
BOQ Civil Part1	As per tender	15.0	As per tender
BOQ Electrical Work	As per tender	15.0	As per Tender

Legends			
Icon	Description	Icon	Description

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