

GANDHINAGAR MUNICIPAL CORPORATION			
NAME OF WORK: RENOVATION OF SWARNIM SANSKRUTIK KENDRA AT RAYSAN IN GANDHINAGAR MUNICIPAL CORPORATION.			
Specification Index			
Item No	Item Description	Unit	Specification No as per General technical Specification Booklet
1	Excavation for foundation upto 1.5m. Depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50 mt. lead.(A) Loose Or Soft Soil	Cum.	it no 0,it code 04001A General Technical Specification Booklet
2	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	Cum.	it no 0,it code 04002B General Technical Specification Booklet
3	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	Cu.Mt.	it no 5.3.13 ,it code 05010BA General Technical Specification Booklet
4	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation,Footing,Base or columns and mass concrete.	Cu.Mt.	it no 5.3.13 ,it code 05010BA General Technical Specification Booklet
5	Providing and laying controlled cement concrete work M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in : (A) foundation, footing, base of columns and mass concrete	Cu.Mt.	it no5.8.1,it code 05023AA + it no 9.1 it code code 09001AA General Technical Specification Booklet but instead of M150 M250 should be used
6	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in (C) Beams, Girders and Cantilever upto floor two level.	Cu.Mt.	it no5.8.1,it code 05023AA + it no 9.1 it code 09001H1A General Technical Specification Booklet but instead of M150 M250 should be used
7	Providing and laying controlled cement concrete work M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in : Wall (Pardi) up to floor two level	Cu.Mt.	it no5.8.3,it code 05025AA + it no 9.1 it code 09001AA General Technical Specification Booklet
8	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	Cu.Mt.	it no 6.13 ,it code 06002BA General Technical Specification Booklet
9	Filling available excavated earth (excluding rock in trenches plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each deposited layer by ramming and watering)	Cu.Mt.	it no 4.12,it code4006 General Technical Specification Booklet
10	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	Cu.Mt.	it no 0.0,it code 4008 General Technical Specification Booklet

11	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Consentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S	Sq.Mt.	it no 0 it code22007 General Technical Specifications Booklet
12	Providing and laying controlled cement concrete work M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in: (A) Grade slab	Cu.Mt.	P.no 15 it no5.8.2,it code 05024AA + it no 9.1 it code 09001B2A General Technical Specification Booklet
13	Providing and laying controlled cement concrete work M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work UP TO FLOOR TWO LEVEL : A1)COLUMN At Ground Floor Level	Cu.Mt.	it no5.8.1,it code 05023AA + it no 9.1 it code code it no 9.1 it code 09001G1A General Technical Specification Booklet but instead of M150 M250 should be used
14	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in: Beam At Ground Floor Slab	Cu.Mt.	it no5.8.1,it code 05023AA + it no 9.1 it code 09001H1A General Technical Specification Booklet but instead of M150 M250 should be used
15	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in : Slab At Ground Floor Slab	Cu.Mt.	P.no 15 it no5.8.2,it code 05024AA + it no 9.1 it code 09001B2A General Technical Specification Booklet
16	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in :D) Lintel at Ground floor	Cu.Mt.	it no5.8.2,it code 05024AA + Item no 9.1, Item code 09001H1 General Technical Specification Bookletbut instead of M150 M250 should be used
17	Providing and laying controlled cement concrete M250 and curing complete including the cost of form work but excluding reinforcement of reinforced concrete work in :E) IN Chhajja at Ground floor	Cu.Mt.	it no5.8.3,it code 05024AA+ it no 9.1 it code 09001B1 General Technical Specification Booklet
18	Providing IS mark TMT Bar FE 500/500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level.	Kg.	separate sheet attached
19	Masonry work using Aerated light weight concrete block having crushing strength not less than 35 kg/sqcm for super structure above plinth level upto floor two level using Polymer modified adhesive mortar complete as per Technical Specification & direction of Engineer in charge.	Cu.Mt.	separate sheet attached
20	Masonry work using Aerated light weight concrete block having crushing strength not less than 35 kg/sqcm for super structure above plinth level using Polymer modified adhesive mortar complete as per Technical Specification & direction of Engineer in charge (First floor)	Cu.Mt.	separate sheet attached

21	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand) At Ground Floor	Sq.Mt.	Item No.17.61(II),it Code 17003B General Technical Specifications Booklet Provide 15mm thickness instead of 20mm .
22	Providing and applying 10mm. thick cement plaster in single coat on ceiling for interior plastering upto floor two level and finished even and smooth in (i) cement mortar 1:3 (1 cement : 3 sand) at Ground Floor	Sq.Mt.	Item no:17.58, it Code 17001A + 17.91, it Code 17006 General Technical Specifications Booklet
23	20mm thick sand faced cement plaster on walls above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.For All Floors.	Sq.Mt.	Item no:17.95, it Code 17009 General Technical Specifications Booklet
24	Providing and fixing 150 mm wide, approved quality chicken wire mesh at junction of brick work and RCC work or two dissimilar surfaces, at all heights fixed by nails, rowal plugs or tag by cement mortar 1:3 before applying the plaster, including curing, scaffolding all complete as directed.	Sq.Mt.	separate sheet attached
25	Providing 20 mm deep finished groove in plaster in line and level etc. Comp. For all Floor	Rmt.	separate sheet attached
26	Providing throating or plaster drip and moulding to RCC Chhajja	Rmt.	it no 0 it code 5.4.18 General Technical Specifications Booklet
27	Providing cement vata (10 cm x 10 cm size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete	Rmt.	it code17015 General Technical Specifications Book .
28	Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	Sq.Mt.	separate sheet attached
29	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.For All Floors.	Sq.Mt.	Item no:18,57 it Code 18031 General Technical Specifications Booklet
30	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on ceiling and slopping roofs to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.For All Floors.	Sq.Mt.	Item no:18,57 it Code 18031 General Technical Specifications Booklet
31	Finising wall with weatherproof exterior emulsion paint on wall surface (two coats) to give and required shape even shade after thoroughly brushing the surface to remove all dirts , and remains of ioose powdered materials etc. complete. two Coats of primer has to be applied.	Sq.Mt.	Item no:18,57 it Code 18031 General Technical Specifications Booklet

32	Providing & applying single coat of textured at external surface at all floor levels with three coats of weather proof cement exterior paint of approved standard brands make (Asian/Dulux/Narolac) at outer side of the building on RCC or Masonary walls. Rate to include for all labour, materials, staging, scaffolding, cleaing, curing etc. application of texture after thoroughly brushing th'e surface to give an even shade free from mortar dropping/other foreign matter etc. complete. application of textures & paints must be as per company's standard instructions. Texture and colour selection as per approved by engineer in charge.(It is recommended to use low voc paints rated by IGBC)	Sq.Mt.	separate sheet attached
33	Providing & laying 24"x24" Vitrified tiles 8 MM thick in flooring over 20 mm (Av.) base of C.M. 1:6 (1 Cement : 6 Coarse sand) on new surface or fixing on existing flooring by adhesive materials incldg. Dismanteling of existing flooring & joined with colour cement slurry including finished with flush pointing & cleaning the surface etc. completed Light Shade.	Sq.Mt.	separate sheet attached
34	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	Sq.Mt.	separate sheet attached
35	Providing & laying 600mm x 600mm Matt Vitrified tiles of 8 to 10mm thick in skirting,riser of steps & dedo laid on bed of 10 mm (Average) base of cement mortar 1:3 (1 Cement : 3 Coarse sand) thick & jointed with white cement slurry etc. complete as per approvel & selection by architect/engineer in charge.	Sq.Mt.	separate sheet attached
36	Providing and laying polished granite stone slab 18 mm thick in skirting,sill and jambs,risers of steps, dedo and pllars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with gray cement slurry including rubbing & polishing etc. Complete	Sq.Mt.	separate sheet attached
37	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	Sq.Mt.	it no 14.43,it code14012AA General Technical Specifications Book .
38	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.(A) 25mm thick At All floors	Sq.Mt.	it no 14.43,it code14012AA General Technical Specifications Book .

39	Supply & Fixing of Broken Glazed (China Mosaic) tiles size 5-6 mm thick of different size and shade (approved crazy pattern) in Cement:Mortar 1:2 and joint filling with White Cement / Coloured Cement with water proofing component including Ramping, Watering, Curing etc. complete (FOR ALL FLOOR)	Sq.Mt.	separate sheet attached
40	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of following operations.(a) Applying and grouting a slurry coat of neat cement using 2.75 kg/ sqm of cement admixed with proprietary water proofing compound conforming to IS : 2645 over the R.C.C. slab including cleaing the surface before treatment.(b) Laying cement concrete using broken bricks\brick bats 25 mm to 100 mm size with 50 % of cement motar 1:5 (1 Cement : 5 Coarse sand) admixed with proprietary water proofing compound confiroming to IS : 2645 over 20 mm thick layer of cemnt mortar of mix 1: 5 (1 cement : 5 Coarse sand) admixed with proprietary water proofing compound confirming to IS : 2645 to required slope adn treating similarly the adjoining walls upto 300 m height including rouding of juction of walls and slabs.(C)After tow days of proper curing appling a second coat of cement slurry admixed with proprietary water proofing compound I.S.2645 (d) Finishing the surface with 20 mm thick jointless cement mortor of mix 1:4 admixed with proprietary water proofing compound I.S.2645 and finishing the surface with trowel with neat cement slurry & making of (300 x 300)mm square (e)The whole terrace so finish shall be flooded with water for a min. period of two weeks for curing and for final test. All above operation to be down in order and as directed and specified by the engi.-in-charge. With average thickness of 120 mm and minmum thickness at khurra as	Sq.Mt.	separate sheet attached
41	Providing and fixing 35 mm thick solid core flush door shutter of approved make both side lamination using 1mm thick approved laminate sheets with 6mm thk Lipping/border patti around flush hutter including fixing SS hinges, with 5 mm float glass of 300 x 300 mm for viewing AS PER REQUIREMENT, wedges, keys, nails, catch screw, lever latches , handle(10 cm), aldrop(20 cms), stoppers(20 cms), etc and cutting/ drilling of necessary holes in masonry/ concrete and all as per drawing, specification and direction of the Engineer, all materials, tools,plant and labour complete c. (All fixtures & fittings shall be stainless steel of approved quality).approved by architect/Engineer Incharge.At all Floors	Sq.Mt.	it no 10.30,it code10011 General Technical Specifications Book .

42	Providing and fixing window having extruded Aluminium colour anodized Section Frame main Outer Size 63.5mm x 38.1mm x 1.95mm(of Jindal Section No. 4605 @ Wt. of 1.094 Kg./Mt.) Horizontal Two track member size 61.85mm x 31.75mm x 1.20mm(of Jindal Section No. 8687, @ Wt. 0.695Kg./Mt.) Vertical Member of size 61.85mm x 31.75mm x 1.30mm (of Jindal Section No. 8758, @ Wt. 0.659 Kg./Mt.) with sliding shutters of Horizontal member size 40mm x 18mm x 1.29mm(of Jindal Section No. 8947 @ Wt. of 0.456 Kg./Mt.) Vertical Member of size 40mm x 15mm x 1.29mm (of Jindal Section No. 8948 @ Wt. of 0.457 Kg./Mt.) with 5mm thick transparent bronze colour tinted float glass with powder coated Aluminium fittings & fixtures & transparent silicon sealant glass fixing to frame as per detail etc. complete.	Sq.Mt.	separate sheet attached
43	Providing and fixing fully fixed stainless grill using 50mm x 8mm (SS 304) stainless steel flats vertical 50mm X 8 mm stainless steel lats horizontal,16 mm diameter round stainless steel bar at 120 mm center to center fixed to S.S.flats necessary S.S screws and other S.S fittings etc.complete.	Sq.Mt.	separate sheet attached
44	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	No.	it no 0,it code 23039 General Technical Specifications Book .
45	Removing and scraping of old deteriorated plaster of any thickness from wall/R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift.	SMT	separate sheet attached
46	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	SMT	it no 20.23,it code 20005 General Technical Specifications Book .
47	Providing and fixing Stainless Steel railing having 50 mm x16G ASIS 304 Grade dia hollow stainless steel pipe as hand rail and 32x32 mmx16G ASIS 304 Grade sq. hollow stainless steel pipe with combination of 10 cm long 16 mmx16G ASIS 304 Grade dia pipe as vertical supports 16 mm x16G ASIS 304 Grade dia hollow stainless steel pipes as intermediate members running through stainless steel 30 mm dia solid runners having threaded screw to fix the runner with vertical support including cutting bending welding & fabrication the structure as per drawing including finishing etc complete	SMT	separate sheet attached

48	<p>Supply and Fabrication,Erection of M.S. Box section with one coat of primer as per Approved Structural Drawings / working Drawings given by Your Structural Engineer.</p> <p>With Supply and Installation of 10mm thick 4 Layer Multiwall polycarbonate standing seam roofing sheet with required accessories.</p> <p>Sheet length : 15 Mtr as required.</p> <p>Make. COXWELL/DPI</p> <p>Colour: ICE</p>	SQ.MT	separate sheet attached
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