

Name of Work :-		2059 S.R To N.R. Bldg Renovation and reparing of existing Raj green stone floor, kota stone floor, colour work and other miscellaneous work at central vista, Gandhinagar				
S C H E D U L E 'B'						
MEMORANDUM SHOWING THE ITEM OF WORK TO BE CARRIED OUT						
It. No.	Quantities estimated but may be more or less	Item of Work	Estimated Rates		Unit	Total amount according to estimated quantities
			In Figures Rs./ Paise	In Words		
1	2	3	4	5	6	7
1	884.00	Dismantaling tiled or stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	50.11	Rupees Fifty Paise Eleven Only	Smt	44297.24
2	20.00	Dismantling santtary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	425.93	Rupees Four Hundred TwentyFive Paise NinetyThree Only	Each	8518.60
3	219.00	Excavation for foundation upto 1.5 m depth including sorting out and stacking ofuseful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	123.13	Rupees One Hundred TwentyThree Paise Thirteen Only	Cmt	26965.47
4	107.00	Providing and laying cement concrete 1:3:6 (1- Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing	3084.89	Rupees Three Thousand EightyFour Paise EightyNine Only	Cmt	330083.23
5	10.00	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement	4214.09	Rupees Four Thousand Two Hundred Fourteen Paise Nine Only	Cmt	42140.90

1	2	3	4	5	6	7
6	169.00	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-	135.30	Rupees One Hundred ThirtyFive Paise Thirty Only	Smt	22865.70
7	84.00	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	136.92	Rupees One Hundred ThirtySix Paise NinetyTwo Only	Cmt	11501.28
8	100.00	Refixing of bollard including cutting, hoisting, fixing in position and welding etc. comp.	505.00	Rupees Five Hundred Five Only	No.	50500.00
9	884.00	Raj green- Tumbled (600 x 600 or 600 x 900 mm). Providing and laying tumbled finish "Raj green" avg. 25 mm thick in flooring in normal pattern straight or staggered joint with square or rectangular shaped stone. The rate shall include providing 4 to 10 mm width joints and filling the same with 1:4 C.M. for two third of the depth avg. 40 mm bedding thickness. The rate shall also include providing groove of 3 to 6 mm depth from the top and filling the remaining depth with ready mix matching polymer based cementitious grout of approved shade and as per instruction of Engineer-in-charge.	1732.73	Rupees One Thousand Seven Hundred ThirtyTwo Paise SeventyThree Only	Smt	1531733.32

1	2	3	4	5	6	7
10	374.00	Chharoo finish. Providing and laying brick bat chharoo and screed GSB (ratio of 80 : 20) over subbase including spreading in uniform layer of 200 mm thickness consolidating with compactor or 10 ton roller watering and finishing in level and slope as directed by Engineer-in-charge.	646.05	Rupees Six Hundred FourtySix Paise Five Only	Cmt	241622.70
11	200.00	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	1019.39	Rupees One Thousand Nineteen Paise ThirtyNine Only	Smt	203878.00
12	66.00	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pnumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete.	706.90	Rupees Seven Hundred Six Paise Ninety Only	Smt	46655.40
13	290.00	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concrete as per approved design and including excavation for fixing in proper line and	374.92	Rupees Three Hundred SeventyFour Paise NinetyTwo Only	Rmt	108726.80

1	2	3	4	5	6	7
14	400.00	Providing and fixing C.C. 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm. Nominal size, including required plasticizers) pre cast exposed/fare finish kerb stones of 600mmx300mmx125mm or	895.87	Rupees Eight Hundred NinetyFive Paise EightySeven Only	Rmt	358348.00
15	120.00	Providing and fixing pre-cast concrete slab for storm water manhole cover of gray cement based concrete block 150 cm length,42 cm width and 7.5 cm thick of M250 grade concrete as per approved design and fixing in proper line and level filling the joint with C:M 1:3 (1 cement : 3 fine sand) etc complete.	2878.50	Rupees Two Thousand Eight Hundred SeventyEight Paise Fifty Only	No.	345420.00
16	1951.00	Painting two coats (excluding priming coat) on previously painted steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleaning the surface of all dirt, dust and other foreign matter.	57.64	Rupees FiftySeven Paise SixtyFour Only	Smt	112455.64

1	2	3	4	5	6	7
17	151.00	Refixing of existing Raj green- Tumbled or any kind of stone avg. 25 mm thick in flooring in normal pattern straight or staggered joint with square or rectangular shaped stone. The rate shall include providing 4 to 10 mm width joints and filling the same with 1:4 C.M. for two third of the depth avg. 40 mm bedding thickness. The rate shall also include providing groove of 3 to 6 mm depth from the top and filling the remaining depth with ready mix matching polymer based cementitious grout of BAL or equivalent of approved shade and as per instruction of Engineer-in-charge.	487.83	Rupees Four Hundred EightySeven Paise EightyThree Only	Smt	73662.33
18	41.00	Providing, fabricating and fixing GI Jali including cutting and welding members as per detailed drawing and design as directed by Engineer-in-charge. The rate shall include 1 coat of rustocap and 2 coats of Hi-gloss metal PU paint of asian paint over all the surfaces or specified by Engineer-in-charge of approved make over a 2 coats of zinc chromate yellow oxide primer. (50 mm X 50 mm size of 10 gauge)	316.18	Rupees Three Hundred Sixteen Paise Eighteen Only	Smt	12963.38
19	1750.00	Providing & fixing Mild steel sections at a specified size and location including all tools and material as per direction of EIC.	53.12	Rupees FiftyThree Paise Twelve Only	Kg	92960.00

1	2	3	4	5	6	7
20	800.00	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete	120.26	Rupees One Hundred Twenty Paise TwentySix Only	Smt	96208.00
21	82.00	Refixing pre-cast concrete kerb stone of gray cement based concrete block of any size and grade concrete including removal of existing, excavation(whenever required), refixing in proper line and level,filling the joint with C:M 1:3 (1 cement : 3 fine sand) etc complete as directed by Engineer In Charge.	101.00	Rupees One Hundred One Only	Rmt	8282.00
22	29.00	Changing 5 mm thick bronse tinted float glass/ bajri glass in existing aluminum window/ ventilation including all tools and equipments required as per direction of engineer incharge	1212.00	Rupees One Thousand Two Hundred Twelve Only	Smt	35148.00
23	30.00	Providing and laying Granite slab (16-18 mm thick) one side polished flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M. 1:1.5 laid and jointed with grey cement slurry including rubbing & polishing, moulding one or both edges complete as directed by enginer in charge.	2181.41	Rupees Two Thousand One Hundred EightyOne Paise FourtyOne Only	Smt	65442.30

1	2	3	4	5	6	7
24	91.00	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 sl+D27:D29urry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick	1019.39	Rupees One Thousand Nineteen Paise ThirtyNine Only	Smt	92764.49
25	16.00	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.	1074.86	Rupees One Thousand SeventyFour Paise EightySix Only	No	17197.76
26	2.00	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-gradedstone aggregate 20mm nominal size) foundationconcrete 1:3:6 mix (1-cement : 3- coarse sand :6-Brick bats 40 + 50mm size) inside plastering15mm thick with Cement Mortar 1:5 (1-Cement :5-coarse sand) finished with a floating coat of neat cement and making channels in cementconcrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1-Cement: 5-Coarse sand) (2) B type depth 1.50 Metre for 150mmdiameter sewer.	19349.63	Rupees Nineteen Thousand Three Hundred FourtyNine Paise SixtyThree Only	Each	38699.26

1	2	3	4	5	6	7
27	15.00	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.	1074.86	Rupees One Thousand SeventyFour Paise EightySix Only	Nos	16122.90
28	8.00	Providing and fixing wsh down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) and including jet spray heavy duty with S.S. Braided hose 60 cm long, Seal and cover. (A) vitreous China Pattern:(i) in white colour	1356.81	Rupees One Thousand Three Hundred FiftySix Paise EightyOne Only	No	10854.48
29	8.00	Providing and fixing 12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nom.nal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia. porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)(A) Vitreous China (I) In white colour	2370.39	Rupees Two Thousand Three Hundred Seventy Paise ThirtyNine Only	No	18963.12
30	45.00	Providing and fixing C.P. Angle stop cock 15 mm Heavy duty with cap including all necessary tools and fastners et. As directed by engineer in charge.	515.39	Rupees Five Hundred Fifteen Paise ThirtyNine Only	Nos	23192.55
31	5.00	Providing and fixing water closet squatting pan (Orissa type W.C. pan) size 580 mm with 100 mm size P or S trap(earth work, bed concrete, foot rests and trap to be measured and paid for seperately) (A) Vitreous China (I) Long pattern white colour. 1077.97+207.90=1285.87)	982.13	Rupees Nine Hundred EightyTwo Paise Thirteen Only	No	4910.65

1	2	3	4	5	6	7
32	5.00	Providing and fixing wsh down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour	1356.81	Rupees One Thousand Three Hundred FiftySix Paise EightyOne Only	Each	6784.05
33	30.00	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	186.83	Rupees One Hundred EightySix Paise EightyThree Only	No	5604.90
34	3.00	Providing and fixing mirror of size 600 x 450 mm with bevelled edge of superior glass mounted on 6 mm thick A.C. sheet and fixing to wooden plug with C. P. brass screws and washers etc. complete for all floor.	859.41	Rupees Eight Hundred FiftyNine Paise FourtyOne Only	No	2578.23
35	25.00	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	72.65	Rupees SeventyTwo Paise SixtyFive Only	Rmt	1816.25

1	2	3	4	5	6	7
36	25.00	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	91.84	Rupees NinetyOne Paise EightyFour Only	Rmt	2296.00
37	3.00	Providing and fixing gun metal check or non return full way wheel valve. (A) 25 mm dia.	420.63	Rupees Four Hundred Twenty Paise SixtyThree Only	No	1261.89
38	3.00	Providing and fixing gun metal check or non return full way wheel valve. (E) 40 mm dia.	663.43	Rupees Six Hundred SixtyThree Paise FourtyThree Only	No	1990.29
39	8.00	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps.(B) 150mm x 100mm size P or R type	1246.92	Rupees One Thousand Two Hundred FourtySix Paise NinetyTwo Only	No	9975.36
40	16.00	Providing and fixing PVC SWR Nahni trap IS 14735 for drain -100 mm diameter with jail of the following nominal diameter of self cleaning design wit c.I scread down or hinged grating including the cost of cutting and making good the wall.	599.64	Rupees Five Hundred NinetyNine Paise SixtyFour Only	No	9594.24
41	24.00	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15 mm dia.	308.73	Rupees Three Hundred Eight Paise SeventyThree Only	Nos	7409.52

1	2	3	4	5	6	7
42	20.00	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110 mm	339.05	Rupees Three Hundred ThirtyNine Paise Five Only	Rmt	6781.00
43	10.00	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	280.23	Rupees Two Hundred Eighty Paise TwentyThree Only	Rmt	2802.30
44	24.00	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit	1467.72	Rupees One Thousand Four Hundred SixtySeven Paise SeventyTwo Only	Smt	35225.28
45	18.00	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 slurr	1114.09	Rupees One Thousand One Hundred Fourteen Paise Nine Only	Smt	20053.62
46	18.00	Providing and laying white glazed tiles 6mm thick 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	1127.48	Rupees One Thousand One Hundred TwentySeven Paise FourtyEight Only	Smt	20294.64

1	2	3	4	5	6	7
47	2.00	<p>Parking Sign :-Providing and fixing sign boards made out of * 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size size 60 x 60cms. square plus 60 x 20cms rectangular additional plate as as per the design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a</p>	4394.82	<p>Rupees Four Thousand Three Hundred NinetyFour Paise EightyTwo Only</p>	No.	8789.64
48	10.00	<p>Providing and fixing dead lock with 60/55 mm Europrofile pin cylinder of kitchor equivalent with both side key/ one side key- one side knob with one pair of rose for aluminum door with necessary ss phillips head screw etc complete as per drawing and sample approved by architect/ EIC. Rate shall be for</p>	1800.33	<p>Rupees One Thousand Eight Hundred Paise ThirtyThree Only</p>	No	18003.30

1	2	3	4	5	6	7
49	10.00	Providing and fixing 19 mm diameter SS 316 satin (brush) finish push-pull handles square/rectangle shape in pair of Dorma or equivalent with necessary screws etc. complete, as per drawing and sample approved by architect/ EIC. Rate shall be for all height, all floor and all places. (a) 200 mm long	1768.96	Rupees One Thousand Seven Hundred SixtyEight Paise NinetySix Only	Pair	17689.60
50	10.00	Providing and fixing of specified height (minimum rod size shall be 10 mm) satin nickel finish brass or SS 304 brush finish tower bolt of EPPW or equivalent with necessary screws etc. complete, as per drawing and sample approved by architect/ EIC. Rate	629.53	Rupees Six Hundred TwentyNine Paise FiftyThree Only	No	6295.30
51	10.00	Providing and fixing of 22 mm diameter SS 304 satin (brush) finish Mortise handle in pair of KICH or equivalent with necessary SS phillips headscrews etc. complete, as per drawing and sample approved by architect/ EIC. Rate shall be for all height, all floor and all places. (a) 300 mm long	2082.57	Rupees Two Thousand EightyTwo Paise FiftySeven Only	Pair	20825.70
52	40.00	Providing and fixing butt hinge of specified of specific size of specified SS grade brush finish with necessary etc. complete, as per drawing and sample approved by architect/ EIC. Rate shall be for all height, all floor and all places. (a) 300 mm long	488.88	Rupees Four Hundred EightyEight Paise EightyEight Only	No	19555.20
53	10.00	Providing and fixing Floor mounted door stop (flat or half moon) or door stopper of kich or equivalent with necessary etc. complete, as per drawing and sample approved by architect/ EIC. Rate shall be for all height, all floor and all places. (a) 300 mm long	513.38	Rupees Five Hundred Thirteen Paise ThirtyEight Only	No	5133.80
54	20.00	Providing and fixing 10" long (minimum rod size shall be 15 mm)" j" type satin nickel finish brass or SS 304 brush finish Aldrop of EPPW or equivalent a with necessary etc. complete, as per drawing and sample approved by architect/ EIC. Rate shall be for all height, all floor and all places. (a) 300 mm long	1076.71	Rupees One Thousand SeventySix Paise SeventyOne Only	No	21534.20

1	2	3	4	5	6	7
55	10.00	Providing and fixing ms hanging dustbin at suitable location as per approved by Engineer in charge	25250.00	Rupees TwentyFive Thousand Two Hundred Fifty Only	No	252500.00
TOTAL CIVIL WORK AMOUNT						4597877.81
Rupees FourtyFive Lakh NinetySeven Thousand Eight Hundred SeventySeven Paise EightyOne Only						

I/We am/are willing to carry out the work at _____% above/below _____ percent (should be written in figures and words) above/ below the estimated rates mentioned above. Amount of my/ our tender work out as under.

Estimated Amount

Put to tender	Rs. 4597877.81
Deduct _____ % below	Rs. _____
Total	Rs. _____

Estimated Amount

Put to tender	Rs. 4597877.81
Add _____ % above	Rs. _____
Total	Rs. _____

Note 1 All the work shall be carried out as per Public works Department Hand Book and other specification of the Division or as directed.

Note 2 All the columns in the Schedule B filled in INK and the total of the entries in the last column should be struck by the Contractor under his Signature.

Note 3 Rate quoted include clearance of site (prior to commencement of work and at its close) in the respects and hold good for work under all conditions, site moisture, weather etc. complete.

**Dated Signature of the
Contractor**

**Deputy Executive Engineer
Capital Project Sub Division No.20
Gandhinagar**

Name of Work :-		2059 S.R To N.R. Bldg Renovation and repairing of existing Raj green stone floor, kota stone floor, colour work and other miscellaneous work at central vista, Gandhinagar				
SCHEDULE 'B' Credit						
MEMORANDUM SHOWING THE ITEM OF WORK TO BE CARRIED OUT						
It. No.	Quantities estimated but may be more or less	Item of Work	Estimated Rates		Unit	Total amount according to estimated quantities
			In Figures Rs./ Paise	In Words		
1	2	3	4	5	6	7
1	442.00	Floor tiles (50% Qty)	41.76	Rupees FourtyOne Paise SeventySix Only	Smt	18457.92
TOTAL CIVIL WORK AMOUNT						-18457.92
#NAME?						