

CSR Fund Under Union Home Minister - Construction of Community Hall / Yoga Center at (1) Pindarda (2) Piplaj & (3) Unava Ta: Gandhinagar Dist: Gandhinagar. CSR Fund/ Community Hall/ Gandhinagar/ PKG No - 01 (2026-27)

Bill of Quantities

(PART A)

It. No.	Description of Item (with brief specification and reference to book of specifications)	Quantity estimated but may be more or less	Unit	Estimated Rate In Figures	Total Amount according to estimated quantities
1	2	3	4	5	7
Item No 01	Excavation for foundation upto 1.5 mt.depth including sorting out and stacking of useful materials and disposing of the excavated stuff up to 50meter lead (B) Dense or Hard soil	1132.20	Cum	157.16	177936.55
Item No 02	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.(B) Dense or Hard soil	253.98	Cum	170.50	43303.59
Item No 03	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_ part- II Consentration Weight one percent is recommended i.e. one litre 20 EC chemical emulsion dillute with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqmt. of surface is recommended as per I.S.	1017.24	Sqm	111.25	113167.95
Item No 04	Filling in plinth with sand under floors incl. watering ramming consolidating and dressing etc.comp.	203.46	Cum	481.70	98006.68
Item No 05	Filling available excavated Earth (Excluding Rock) in trench plinth side of foundation . in layer not excluding 20 cm in depth consolidation each deposited layer by ramming and watering etc. complete	1022.34	Cum	136.92	139978.79
Item No 06	Filling foundation and plinth with murrum or selected soil in layer of 20 cm in thickness including ramming watering and consolidating etc. complete	1253.73	Cum	277.14	347458.73
Item No 07	Providing and laying cement concrete1:4:8 (1 Cement : 4 corse sand : 8 Machine crushed stone aggregates 40mm nominal size) and curing compelete excluding cost of form work in (A) Foundation and plinth	150.66	Cum	2935.65	442285.03
Item No 08	Providing and laying cement concrete work 1: 1.5 :3 (1 Cement : 1.5- Coarse sand : 3- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base or columns and Mass concrete	176.19	Cum	4417.04	778238.28
Item No 09	Provdg & laying Ordinary cement concrete 1:1.5:3 (1cement : 1.5 coarse sand 3 graded stone aggragate 20 mm nominal size) and finishing the smooth with curing etc. complete including the cost of formwok but excluding the cost of reinforcement for RCC work in (II) COLUMNS (i) Having cross sectional area more than 0.08 Sq.M and upto 0.18 Sq.M	36.99	Cum	11028.20	407933.12
Item No 10	Providing and laying ordinary cement concreete 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregates 20mm nominal size) and curing complete Including cost of form work in (i) Beam Having cross-sectional area 0.12 Sq.M and upto 0.18 Sq.M	64.53	Cum	6948.11	448361.54
Item No 11	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	151.35	Cum	3758.19	568802.06

It. No.	Description of Item (with brief specification and reference to book of specifications)	Quantity estimated but may be more or less	Unit	Estimated Rate In Figures	Total Amount according to estimated quantities
Item No 12	Providing and laying ordinary cement concrete 1:1.5:3 (1-Cement 1.5-coarse sand : 3 -graded stone aggregates 20mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in Slabs having more than 13 cm and up to 15 cm thickness	37.53	Cum	7307.63	274255.35
Item No 13	Providing and laying ordinary Cement concrete 1:1.5:3 (1 Cement 1.5 coarse sand 3 graded stone agg. 20 mm nominal size) for RCC lintel including finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement.	16.26	Cum	9526.88	154907.07
Item No 14	Providg & laying cement concrete 1:1.5:3 (1cement : 1.5 coarse sand 3 graded stone aggregate 20 mm nominal size) for reinforced concrete chhajjas not exceeding 10 cm. Thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1 cement : 3 fine sand) to give a smooth and even surface centering and form work and curing complete excluding cost of reinforcement.	7.35	Cum	7016.24	51569.36
Item No 15	Providing TMT bar FE 500D reinforcement for R.C.C. work including bending, binding, and placing in position complete upto floor two level.	36618.00	Kg.	77.29	2830205.22
Item No 16	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 1:5. (1- Cement : 5 -fine sand) (B) Conventional	136.74	Cum	4244.85	580440.79
Item No 17	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./ Sq.Cm. in super structure in Cement Mortar 1:5. (1- Cement : 5 -fine sand) (B) Conventional	312.57	Cum	4533.57	1417057.97
Item No 18	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand) in superstructure above plinth level upto floor two level (B) Conventional	149.85	Sqm	685.79	102765.63
Item No 19	Providing and fixing flush door shutters, solid core construction with frame of first class hardwood with cross board and face veneer or plywood face panels , including anodised aluminium butt hinges with necessary screws. including Laminated sheet 1 mm thick, S.S. stopper 30cm long ASIS 304 grade, S.S. Aldrap 30cm long ASIS 304 grade, S.S. Handle 15cm long ASIS 304 grade, S.S. Handle Door stop ASIS 304 grade (2) 35 mm thick.	107.37	Sqm	4238.90	455130.69
Item No 20	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm, @ Wt 1.094 Kg / Rmt, horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm @ wt. of 0.695 Kg/mt, vertical member of size 61.85 mm x 31.75mm x 1.30 mm @ wt. of 0.659 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt. of 0.456Kg/mt, vertical member of size 40mm x 18mm x 1.29mm @ wt. of 0.456Kg/mt, @ Wt. 0.457 Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	63.45	Sqm	1713.70	108734.27
Item No 21	Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm , @ Wt. 0.643 Kg/mt with colour Powder Coated aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	10.80	Sqm	1175.56	12696.05

It. No.	Description of Item (with brief specification and reference to book of specifications)	Quantity estimated but may be more or less	Unit	Estimated Rate In Figures	Total Amount according to estimated quantities
Item No 22	Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter with wood grain raised paneled design finish shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filled up with injected polyurethane foam done in situ along with embedded wood enpieces for stiffening & also taking hinges & finitues. The whole FRP frame & shutter is to be waterproof weatherproof,termiteproof & resistance to mild acid/alkali.Rates are to be inclusive of S.S hinges with fastener sleeve & alluminium fixtures & fastenings.	28.35	Sqm	2019.98	57266.43
Item No 23	Providing 15mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in. (ii) Cement mortar 1:3 (1-cement :3-sand) up to floor two level.	1814.61	Sqm	185.41	336446.84
Item No 24	Providing 10mm thick cement plaster in single coat on ceilings and soffits of stairs for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement: 3-sand) for Ground Floor	173.01	Sqm	161.36	27916.89
Item No 25	20mm thick sand faced cement plaster on walls upto height 10 metres 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. as directed including cost of 12mm x 12mm size grooves to be created as shown in drawing for completed items of work.	1543.68	Sqm	315.69	487324.34
Item No 26	Wall and ceilling painting (Two Coats) including primer & putty) 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.	1516.59	Sqm	123.78	187723.51
Item No 27	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	1543.68	Sqm	120.26	185642.96
Item No 28	Providing and laying Vitrified tiles 8 to10 mm thick ,36" x36" in flooring treads of step sand landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3-coarse sand) finishing with flush pointing in white cement.	894.72	Sqm	1531.82	1370549.99
Item No 29	P & L 24"x24" vitrified 8mm thick tile flooring over 20mm(average) base of cement mortar 1:6 (1 cement:6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit	110.01	Sqm	1467.72	161463.88
Item No 30	Providing and laying Vitrified tiles 8 to10 mm thick ,in skirting risers of steps and dedo on 10 mm thick cement plaster 1:3 (1-cement :3-coarse sand) and jointed with white cement slurry	471.03	Sqm	1114.09	524769.81
Item No 31	Providing and fixing machine cut, free edges, mirror polished Granite stone slab 18 mm thick for vertical wall/ Doors/ Windows Sill, Jams for cladding as per design including full moulded round inside edge and laid on 10 mm thick cement mortar 1:3 (1 cement: 3 coarse sand) jointed with grey cement slurry including rubbing and polishing finishing etc. complete.	261.96	Sqm	2660.46	696934.10

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Item No 32	Providing and laying broken china mosaic flooring for Terrece using 12mm to 20mm of broken piece of glazed tiles to be laid over cement mortar bedding of CM (1:3) to plain or slope & to be tempered to bring Mortar cream out upto surface using white cement including rounding off junction and extending them up to 15 cm along the wall clearing water and oxalic acied etc as directed	101.82	Sqm	779.70	79389.05
Item No 33	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings 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 concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	105.00	Rmt	148.12	15552.60
Item No 34	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings 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 concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials	225.00	Rmt	91.84	20664.00
Item No 35	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH-40) for cold water including fittings make 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 concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials	180.00	Rmt	72.65	13077.00
Item No 36	Providing and fixing to wall ceiling and floor 10.0 Kg. /Kcm2 working pressure polythene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clips etc. including making good the wall ceiling and floor.(G) 110mm	300.00	Rmt	339.05	101715.00
Item No 37	Providing, laying and jointing in true line and level 160 dia U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diametre x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	120.00	Rmt	834.38	100125.60
Item No 38	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaed down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet. (C) 100mm	60.00	Nos.	885.25	53115.00
Item No 39	Providing and fixing wash 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) including Seal and cover (A) Vitreous China	24.00	Nos.	3948.87	94772.88

It. No.	Description of Item (with brief specification and reference to book of specifications)	Quantity estimated but may be more or less	Unit	Estimated Rate In Figures	Total Amount according to estimated quantities
Item No 40	Providing and fixing wash basin with single hole for pillar tap with C.I. Or M.S. brackets painted with including cutting holes and making good the same including fittings, (fixing C.P brass waste 32 mm dia),(fixing M.I. fisher union 32 mm dia),(fixing pillar tap,cap stan head , screw down high pressure with screws, shank sand back nuts. 15mm dia), (fixing brass screw down stop tap15mm dia), (fixing Rubber plug) (A) Vitreous China (ii) Flat back wash Basin 550mm x 400mm size (i) in white colour	27.00	Nos.	2163.26	58408.02
Item No 41	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe trap etc. complete. (A) White earthenware flat back or corner type size 430mm x 260mm x 350mm.	15.00	Nos.	1074.86	16122.90
Item No 42	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P.brass screws and washers.	33.00	Nos.	859.41	28360.53
Item No 43	Providing erecting fixing double coated Syntex of Equivalent PVC (ISI) Mark Water Tank of Required Capacity each with all necessary fitting & connection etc. complete on Terrace.	12000.00	Ltr	3.95	47400.00
Item No 44	Providing and fixing C.P. brass shower rose with 15mm or 20mm inlet.(A) 100mm dia. Each	6.00	Nos.	282.16	1692.96
Item No 45	Providing and fixing C.P. brass towel rail complete with C.P.brass brackets fixed to wooden plugs with C.P. brass screws.(B) 600mm x 20mm size.	12.00	Nos.	616.42	7397.04
Item No 46	Providing and fixing C.P. Bib cock 15 mm Heavy duty with cap	60.00	Nos.	400.58	24034.80
Item No 47	Providing and fixing C.P. Angle stop cock 15 mm Heavy duty with cap	45.00	Nos.	407.42	18333.90
Item No 48	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia.	18.00	Nos.	420.63	7571.34
Item No 49	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia.	12.00	Nos.	663.43	7961.16
Item No 50	Providing and constructing soak pit of size 2.46mt. outer and 6.0mt. deep including 23cm thick brick masonry for top 0.75mt. height solid masonry in cement mortar 1:6 and remaining honey combed masonry in cement mortar 1:6 and covered with jodhpuri patti C.I. pipe 100mm dia 1.8mt. long etc. comp. as directed including 15mm plaster in C.M. 1:4 over jodhpuri patti.	3.00	Nos.	42670.65	128011.95
Item No 51	Providing and fixing ball cock of approved. Quality as directed. (A) Copper Metal (ii) 50mm dia.	12.00	Nos.	189.84	2278.08
Item No 52	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and 300mm x 300mm size (inside) with standard weight. (i) Square mouth traps. (B) 150mm x 100mm size Pof R type	12.00	Nos.	1246.92	14963.04

It. No.	Description of Item (with brief specification and reference to book of specifications)	Quantity estimated but may be more or less	Unit	Estimated Rate In Figures	Total Amount according to estimated quantities
Item No 53	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions, total weight of cover with frame to be not less than 38 Kg. (Wt.of cover 23 Kg) (R.C.C. top slabe with '1:2:4mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete. (i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line.	15.00	Nos.	2932.93	43993.95
Item No 54	Providing and fixing 90 cm high Stainless Steel railing made from anticorrosive 304 grade S.S. pipe of 50 mm dia (16 gauge) as hand rail with S.S. 304 grade baluster of 32 mm dia (16 gauge) as a vertical support fixed in RCC slab / steps of stair at 1.2 Mt. c/c including three horizontal S.S. pipes of 16 mm dia (16 Gauge) at equal distance fixed by 16 mm dia (16 Gauge) S.S. pipe with baluster including accessories as per detailed drawing as directed etc. complete.	27.00	Rmt.	3184.58	85983.66
Item No 55	Providing and fixing Safety Grills of required pattern for windows/ door using M.S. polished bars, Rectangular CRC Pipes of size 50mm x 30mm x 2mm or Required at required spacing as per design and hold fast with coach bolts including one coat of primer and two coats of matt finished oil painting etc. complete.	1856.25	Kg.	111.37	206730.56
Item No 56	Construction of an under ground masonry water tank of size 2.00 m X 2.00 m X 1.50 m = 6000 litre capacity as per the approved drawing & design etc. complete.	18000.00	Litre	12.47	224460.00
Item No 57	Providing, Fixing, Installation of Self Supported Galvalume Roofing with proper overlapping and seaming between different sheets without making holes or preventing the overturning of roof by wind addition made up from superior quality, structural grade steel. Base metal width 912 mm with tolerance of +/- 4 mm, Steel Grade : Grade D Regular Modified Polyester Imported Color Coated Galvalume Steel having Profiled width of 625 mm +/-10 mm. Design, supply, & fabrication of self supported single span arch roof fabricated from mechanically seamed to profiles of Galvalume Cold Rolled Structural Steel coils as per standard ASTM A792, Steel Sheet, Aluminum-Zinc Alloy Coated by Hot-Dip Process. The work should be carried out by specialize and approved agency only. The rate of item is including fitting as per standard specification.	1275.00	Sqm	2628.02	3350725.50
Item No 58	Providing and fixing of hangers/ clamps as per requirement for laying of cables and hanging of bulbs from Self Supported Proflex Systems Roofing.	450.00	Nos.	214.12	96354.00

It. No.	Description of Item (with brief specification and reference to book of specifications)	Quantity estimated but may be more or less	Unit	Estimated Rate In Figures	Total Amount according to estimated quantities
Item No 59	Providing & fixing number plate of marble stone of required size set in C.M. 1:4 Including finishing and engraving letter etc. complete	15.00	Nos.	306.14	4592.10
TOTAL					₹ 1,84,43,060.09
Rupees One Crores Eighty Four Lacs Forty Three Thousand Sixty and Nine Paisas Only					
	I / We / am / are willing to carry out the work at _____ % above / below percent (should be written in figure and words) of the estimated rates mentioned above. Amount of my / our tender Works out as under.				
	Estimated Amount put to tender Rs. _____ Deduct _____ % below Net Rs. _____ in words _____		Estimated Amount put to tender Rs. _____ Add _____ % above Net Rs. _____ in words _____		

Note

- 1 The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.
- 2 The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.
- 3 GST and Income tax TDS will be deducted at a source while making payments of bills.
- 4 In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R.: PRC-10/2017 Cement Consumption/16/C Date:11/05/2017 as stated in S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.
- 5 Credit amount of Rs. 0.0 Shall be recovered from the running bill in which dismantle item will be recorded for payment.
- 6 For Routine Maintenance, the unit rate indicated by the Authority shall apply. The Bidder is required to accept these rates. Further, the payment shall be performance based As per BOQ Part-B.

Signature of contractor

Deputy Executive Engineer
Road Project Sub Division
Jilla Panchayat Gandhinagar

Executive Engineer
R & B Panchayat Division
Gandhinagar