

**Construction of Anganwadi at Asalgam-1 & Ghoda-2 Ta. Viramgam. PKG No. AHD/ Anganwadi/ 10/ 2026-27**

**Bill of Quantities**

**(PART A)**

| It. No.    | Description of Item<br>(with brief specification and reference to<br>book of specifications)  | Quantity<br>estimated but<br>may be more<br>or less | Unit | Estimated<br>Rate In<br>Figures | Estimated Rate In<br>words   | Total Amount<br>according to<br>estimated<br>quantities |
|------------|---|---|------|---------------------------------|--|---|
| 1          | 2   | 3   | 4    | 5                               | 6  | 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   | 122.82  | Cum  | 149.67                          | Rupees One Hundred Forty Nine and Sixty Seven Paisas Only                  | 18382.47  |
| Item No 02 | 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. | 137.82  | Sqm  | 105.95                          | Rupees One Hundred Five and Ninety Five Paisas Only                        | 14602.03  |
| Item No 03 | Providing and laying cement concrete 1:4:8 (1- Cement : 4- coarse sand : 8- crushed stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth  | 16.96   | Cum  | 2838.81                         | Rupees Two Thousand Eight Hundred Thirty Eight and Eighty One Paisas Only  | 48146.22  |
| Item No 04 | Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- crushed stone aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth   | 16.82   | Cum  | 3228.39                         | Rupees Three Thousand Two Hundred Twenty Eight and Thirty Nine Paisas Only | 54301.52  |
| Item No 05 | Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete.   | 28.54   | Cum  | 460.19                          | Rupees Four Hundred Sixty and Nineteen Paisas Only                         | 13133.82  |
| 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  | 268.00  | Cum  | 289.06                          | Rupees Two Hundred Eighty Nine and Six Paisas Only                         | 77468.08  |
| Item No 07 | 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  | 46.14   | Cum  | 130.39                          | Rupees One Hundred Thirty and Thirty Nine Paisas Only                      | 6016.19   |
| Item No 08 | Providing and laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 crushed stone aggregates 20 mm nominal size) and curing complete including cost of form work in (A) Wall caps/ copings.  | 3.68  | Cum  | 4046.21                         | Rupees Four Thousand Forty Six and Twenty One Paisas Only                  | 14890.05  |
| Item No 09 | Providing and laying ordinary cement concrete 1:1.5:3 (1 Cement : 1.5 corse sand : 3 graded stone aggregates 20mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement of R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.05 Sq.m. and up to 0.08 Sq.m.   | 2.42  | Cum  | 8963.84                         | Rupees Eight Thousand Nine Hundred Sixty Three and Eighty Four Paisas Only | 21692.49  |

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|------------------|--|---|------|---------------------------------|--|---|
| Item<br>No<br>10 | Providing and laying ordinary cement concrete 1:1.5:3 (1 Cement : 1.5 coarse sand : 3 graded stone aggregates 20mm nominal size) for R.C.C. Lintel including finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement.  | 0.64  | Cum  | 9090.84                         | Rupees Nine Thousand Ninety and Eighty Four Paisas Only                    | 5818.14   |
| Item<br>No<br>11 | Providing & laying Ordinary cement concrete 1:1.5:3 (1cement : 1.5 coarse sand 3 graded stone aggregate 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) slabs having more than 10 cm and upto 13 cm thickness.   | 14.64   | Cum  | 7258.19                         | Rupees Seven Thousand Two Hundred Fifty Eight and Nineteen Paisas Only     | 106259.90   |
| Item<br>No<br>12 | Providing T M T. bar reinforcement of Fe-500D for R.C.C. work including bending binding and placing in position complete up to All floor Level   | 1874.00   | Kg.  | 76.21                           | Rupees Seventy Six and Twenty One Paisas Only                              | 142817.54   |
| Item<br>No<br>13 | 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  | 67.08   | Cum  | 4051.78                         | Rupees Four Thousand Fifty One and Seventy Eight Paisas Only               | 271793.40   |
| Item<br>No<br>14 | 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  | 45.54   | Cum  | 4326.75                         | Rupees Four Thousand Three Hundred Twenty Six and Seventy Five Paisas Only | 197040.20   |
| Item<br>No<br>15 | Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand ) in super structure above plinth up to floor two level Conventional Bricks for All Floors.   | 22.14   | Sqm  | 653.17                          | Rupees Six Hundred Fifty Three and Seventeen Paisas Only                   | 14461.18  |
| Item<br>No<br>16 | Providing and fixing alluminium anodised glazed door rectangular frame 60mm x 40mm x 2mm @ 1.037 Kg./ Rmt. weight, flush door shutters, solid core construction with frame of first class hardwood with cross board and face veneer or plywood face panels , including anodised alluminium butt hinges with necessary screws. including Laminated sheet 1 mm thick,S.S. stoper 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.   | 10.88   | Sqm  | 5990.68                         | Rupees Five Thousand Nine Hundred Ninety and Sixty Eight Paisas Only       | 65178.60  |
| Item<br>No<br>17 | 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. | 9.58  | Sqm  | 1713.70                         | Rupees One Thousand Seven Hundred Thirteen and Seventy Paisas Only         | 16417.25  |

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| Item<br>No<br>18 | Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm @ Wt. 0.643 Kg/mt with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation  | 6.32  | Sqm  | 1175.56                         | Rupees One Thousand One Hundred Seventy Five and Fifty Six Paisas Only      | 7429.54   |
| Item<br>No<br>19 | Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill. including Applying priming coat and Painting two coats (excluding priming coat) etc. complete.  | 396.88  | Kg.  | 106.07                          | Rupees One Hundred Six and Seven Paisas Only                                | 42097.06  |
| Item<br>No<br>20 | Providing and laying Vitrified tiles 8 to 10 mm thick, 36" x 36" 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.  | 90.50   | Sqm  | 1484.61                         | Rupees One Thousand Four Hundred Eighty Four and Sixty One Paisas Only      | 134357.21   |
| Item<br>No<br>21 | Providing & Fixing 30 mm thick polished Kota-stone slabs for Shelves of Cupboard shelves including making grooves in walls and finishing with C.M.( 1:1) and polishing etc. Complete.  | 23.56   | Sqm  | 709.06                          | Rupees Seven Hundred Nine and Six Paisas Only                               | 16705.45  |
| Item<br>No<br>22 | 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 dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing & cleaning the surface etc. complete for antiskit                           | 3.52  | Sqm  | 1397.83                         | Rupees One Thousand Three Hundred Ninety Seven and Eighty Three Paisas Only | 4920.36   |
| Item<br>No<br>23 | Providing and laying Vitrified tiles 8 to 10 mm thick ,in skirting risers of steps and dado on 10 mm thick cement plaster 1:3 (1-cement :3-coarse sand) and jointed with white cement slurry   | 50.04   | Sqm  | 1538.85                         | Rupees One Thousand Five Hundred Thirty Eight and Eighty Five Paisas Only   | 77004.05  |
| Item<br>No<br>24 | Providing and laying broken china mosaic flooring for Terrace 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 acid etc as directed | 106.72  | Sqm  | 747.29                          | Rupees Seven Hundred Forty Seven and Twenty Nine Paisas Only                | 79750.79  |
| Item<br>No<br>25 | 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.                  | 51.36   | Sqm  | 2823.61                         | Rupees Two Thousand Eight Hundred Twenty Three and Sixty One Paisas Only    | 145020.61   |
| Item<br>No<br>26 | 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 (i) Cement mortar 1:3 (1-cement: 3 sand) and finishing with a floating coat of neat cement slurry.etc. complete.   | 212.92  | Sqm  | 176.58                          | Rupees One Hundred Seventy Six and Fifty Eight Paisas Only                  | 37597.41  |

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| Item<br>No<br>27 | Providing 10 mm thick cement plaster in single coat on Ceiling / soffit of stair for interior plastering finished even and smooth in (ii) Cement mortar 1:3 (1-cement 3 - sand )for Ground Floor  | 104.42  | Sqm  | 153.67                          | Rupees One Hundred Fifty Three and Sixty Seven Paisas Only                | 16046.22  |
| Item<br>No<br>28 | Applying two coats of acrylic lappy (putty) and two coats of primer & Wall painting ( two coats) with plastic emulsion paint of approved brand and manufacture on wall surfaces to give an even brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.   | 267.30  | Sqm  | 119.82                          | Rupees One Hundred Nineteen and Eighty Two Paisas Only                    | 32027.89  |
| Item<br>No<br>29 | 20 mm thick sand faced cement plaster on walls upto 10 mt height above ground level consisting of 12 mm. Thick backing coat of c.m. 1:3 (1 cement : 3 sand) and 8 mm. Thick finishing coat of c.m. 1:1 (1 cement : 1 sand) etc. complete as directed.   | 277.00  | Sqm  | 300.66                          | Rupees Three Hundred and Sixty Six Paisas Only                            | 83282.82  |
| Item<br>No<br>30 | 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   | 277.00  | Sqm  | 114.53                          | Rupees One Hundred Fourteen and Fifty Three Paisas Only                   | 31724.81  |
| Item<br>No<br>31 | Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M. (1:6) with (i) Fixing or precast R.C.C.1:2:4) 8 cm. thick slab with marble chips set in C.M. (1:6) (6mm thick terrazo) with plastering on exposed faces walls in C.M. (1:4) etc complete. including the approved quality stainless steel sink of size 600 X 400 X 150 including fixing the sink in the stone platform with waste pipe and whole work as per instruction of Engineer in charge. | 2.40  | Rmt  | 2483.99                         | Rupees Two Thousand Four Hundred Eighty Three and Ninety Nine Paisas Only | 5961.58   |
| Item<br>No<br>32 | Providing laying and jointing in true line and level 15mm 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.   | 30.00   | Rmt  | 72.65                           | Rupees Seventy Two and Sixty Five Paisas Only                             | 2179.50   |
| Item<br>No<br>33 | 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.   | 40.00   | Rmt  | 91.84                           | Rupees Ninety One and Eighty Four Paisas Only                             | 3673.60   |

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| Item<br>No<br>34 | Providing laying and jointing in true line and level 32 mm 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.  | 20.00   | Rmt  | 119.15                          | Rupees One Hundred Nineteen and Fifteen Paisas Only                       | 2383.00   |
| Item<br>No<br>35 | Providg. & fixing gun metal check or nonreturn full way wheel valve. (C) 25 mm dia.  | 10.00   | Each | 420.63                          | Rupees Four Hundred Twenty and Sixty Three Paisas Only                    | 4206.30   |
| Item<br>No<br>36 | Providing and fixing to wall ceiling floor 10 Kg. F/Cm2 working pressure polythene pipes for soil waste and ventilating pipes of the following outside dia. low density, complete with necessary fittings ,wall clamps etc including making good the wall ceiling and floor. (F) 75 mm   | 28.00   | Rmt  | 277.43                          | Rupees Two Hundred Seventy Seven and Forty Three Paisas Only              | 7768.04   |
| Item<br>No<br>37 | Providing and fixing to wall ceiling floor 10 Kg. F/Cm2 working pressure polythene pipes for soil waste and ventilating pipes of the following outside dia. low density, complete with necessary fittings ,wall clamps etc including making good the wall ceiling and floor. (G) 110 mm  | 30.00   | Rmt  | 336.24                          | Rupees Three Hundred Thirty Six and Twenty Four Paisas Only               | 10087.20  |
| Item<br>No<br>38 | Providing and fixing PVC SWR Nahni Trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I. screwed down or hinged grating including the cost of cutting and making good the walls.  | 4.00  | Each | 571.08                          | Rupees Five Hundred Seventy One and Eight Paisas Only                     | 2284.32   |
| Item<br>No<br>39 | Providing and fixing Screw down Quarter turn bib taps of following size (A) Brass chromium plated screw down Bib tap (li) 20 mm dia  | 4.00  | Nos  | 214.81                          | Rupees Two Hundred Fourteen and Eighty One Paisas Only                    | 859.24  |
| Item<br>No<br>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 | 4.00  | Nos  | 2092.55                         | Rupees Two Thousand Ninety Two and Fifty Five Paisas Only                 | 8370.20   |
| Item<br>No<br>41 | Providing and fixing water closet squatting Pan (Indian type W.C.Pan) size 580mm (A) Vitreous China.(I) Long pattern, White colour including Providing and fixing(100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement Mortar 1:1 (1-Cement : 1-Fine sand) (A) Vitreous China.),(G.I. inlet connection for flush pipe with W.C. Pan) (C.P. Brass 1/2 turn flush cock 25 mm dia)  | 4.00  | Nos  | 1535.97                         | Rupees One Thousand Five Hundred Thirty Five and Ninety Seven Paisas Only | 6143.88   |

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| Item<br>No<br>42 | Providing erecting and fixing double coated Syntex or equivalent PVC. (ISI) mark water tank of required capacity each with all necessary fittings & connection etc. comp on terrace.   | 2000.00   | Liter | 3.95                            | Rupees Three and Ninety Five Paisas Only                                 | 7900.00   |
| Item<br>No<br>43 | Providing and fixing S.W. Gully trap with C.I. Grating brick masonry chamber and water tight C.I. Cover with frame of 300 mm. X 300 size (inside) with standard weight (I) Square mouth traps (C) 100 mm. X 100 mm size P type   | 2.00  | Nos   | 1292.19                         | Rupees One Thousand Two Hundred Ninety Two and Nineteen Paisas Only      | 2584.38   |
| Item<br>No<br>44 | Constructing brick masonry chamber for under ground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35 Kg/cm <sup>2</sup> in cm. 1:5 C.I. Cover with frame (light duty) 455 mm. X 610 mm. Internal dimensions, total weight of cover with frame to be not less than 38 Kgs. weight of cover 23 Kg. and wt. of frame 15 Kg) R.C.C. top slab with 1:2:4 mix(1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm. size ) foundation concrete 1:5:10 inside plaster 15 mm. thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls & bed concrete etc. complete. (I) inside dimensions, 455 mm. x 610 mm. And 450 mm. Deep for single pipe line.    | 2.00  | Nos   | 2932.93                         | Rupees Two Thousand Nine Hundred Thirty Two and Ninety Three Paisas Only | 5865.86   |
| Item<br>No<br>45 | Constructing brick masonry chamber for under ground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35 Kg/cm <sup>2</sup> in cm. 1:5 C.I. Cover with frame (light duty) 455 mm. X 610 mm. Internal dimensions, total weight of cover with frame to be not less than 38 Kgs. weight of cover 23 Kg. and wt. of frame 15 Kg) R.C.C. top slab with 1:2:4 mix(1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm. size ) foundation concrete 1:5:10 inside plaster 15 mm. thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls & bed concrete etc. complete. [II] Inside dimensions 500 mm. x 700 mm. & 450 mm. deep for pipe lines one or two. | 2.00  | Nos   | 3660.76                         | Rupees Three Thousand Six Hundred Sixty and Seventy Six Paisas Only      | 7321.52   |
| Item<br>No<br>46 | 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.  | 2.00  | Nos   | 41305.11                        | Rupees Forty One Thousand Three Hundred Five and Eleven Paisas Only      | 82610.22  |
| Item<br>No<br>47 | 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.   | 30.00   | Rmt   | 3662.27                         | Rupees Three Thousand Six Hundred Sixty Two and Twenty Seven Paisas Only | 109868.10   |

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| Item<br>No<br>48 | Construction of an under ground masonry water tank of size 2.00 m X 1.00 m X 1.00 m = 2000 litre capacity as per the approved drawing & design etc. complete.   | 4000.00   | Litre | 12.26                           | Rupees Twelve and Twenty Six Paisas Only                             | 49040.00  |
| Item<br>No<br>49 | Providing and fixing pre-cast Rubber Dye/steel Dye interlocking concrete block 60 mm thick with grade of concrete M300 pneumatic compressed /vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete.   | 90.00   | Smt   | 686.90                          | Rupees Six Hundred Eighty Six and Ninety Paisas Only                 | 61821.00  |
| Item<br>No<br>50 | Point wiring for Light / Fan/ Bell/ Primary Point with 2-1.5 sq. mm & earth wire of 1.5 sq. mm (green) both are of ISI marked 1.1 kv grade FRLS PVC insulated multi strand copper wires upto max length of 10 mt, in below type of pipe erected with 6A Tissino Type ISI marked flush type switch / bell push and accessories erected on Metal / PVC /Wooden Box covered with 3 mm thick PC (Poly carbonate) /Acrylic/Laminated sheet. with necessary Lamp holder/ceiling rose / H.D.Connector as directed.(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete  | 30.00   | No.   | 390.87                          | Rupees Three Hundred Ninety and Eighty Seven Paisas Only             | 11726.10  |
| Item<br>No<br>51 | Providing & erecting Approved make Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C.50 Hz 1200 mm sweep complete having 3 blades aluminium body and blade sets having ornamental design shanks , canopy erected with earthing. [ Make shall be approved by Engineer in Charge]   | 6.00  | No.   | 2311.89                         | Rupees Two Thousand Three Hundred Eleven and Eighty Nine Paisas Only | 13871.34  |
| Item<br>No<br>52 | Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sinks shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15%, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt ,LED LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer in charge may select any wattage capacity between the ranges shown.) (A) Tube Light with integral driver. (iii) 18-20 Watts, Surge-2KV, IP-20, conventional 4 feet | 10.00   | Ea.   | 295.93                          | Rupees Two Hundred Ninety Five and Ninety Three Paisas Only          | 2959.30   |

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|------------|---|---|------|---------------------------------|---|---|
| Item No 53 | Point wiring for independent PLUG with following size mains earth wire of 1.5 sq.mm (green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires upto 10 mt length, in following below of pipe erected complete with ISI marked 3 / 5 Pin socket and tissino type switch erected with earth continuity connection erected on Metal / PVC/Wooden box covered with 3 mm thick PC(Polycarbonate)/Acrylic/Laminated sheet.[A] For 6 amp plug and 6 amp switch with 2- 1.5 sq. mm Cu. Mains from near by switchboard/ db board upto 6 mt.(f) with medium class Rigid PVC pipe and accessories erected concealed in wall/ceiling complete | 4.00  | No.  | 347.44                          | Rupees Three Hundred Forty Seven and Forty Four Paisas Only                 | 1389.76   |
| Item No 54 | Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS: 8828 in existing box having following capacity(A) 6 to 32 Amp   | 2.00  | No.  | 270.68                          | Rupees Two Hundred Seventy and Sixty Eight Paisas Only                      | 541.36  |
| Item No 55 | Providing and erecting Pipe type earthing with 40 mm dia 2.5 mtr long 'B' grade G.I. pipe with necessary coupling buch buried in specially prepared earth pit & G.I. earth wire of 8 SWG erected & connected as directed (For panel)  | 2.00  | No.  | 823.15                          | Rupees Eight Hundred Twenty Three and Fifteen Paisas Only                   | 1646.30   |
| Item No 56 | Providing & erecting open well horizontal mono block pump set with cast iron body, complete for three phase submersible motor having SECTION 9-4 [A] For 1.5 HP 3 phase open well horizontal mono block pump set suitable for 190 LPM @ 20 mtr head suitable for 40 mm dia delivery pipe Catt-II  | 2.00  | No.  | 10284.83                        | Rupees Ten Thousand Two Hundred Eighty Four and Eighty Three Paisas Only    | 20569.66  |
| Item No 57 | Providing and fixing 600 mm x 450 mm bevelled edge mirror of superior glass mounted on 6 mm thick plywood sheet or PVC framing and fixed to wooden plugs with C.P brass screw and washers.  | 2.00  | Nos  | 833.73                          | Rupees Eight Hundred Thirty Three and Seventy Three Paisas Only             | 1667.46   |
| Item No 58 | Providing and fixing C.P. brass towel rail complet with C.P. brass brakets fixed to wooden plugs with cpbrass screws ( B ) 600 mm X 20mm size   | 2.00  | Nos  | 603.19                          | Rupees Six Hundred Three and Nineteen Paisas Only                           | 1206.38   |
| Item No 59 | Sheesham wood study Table and Chair. Table dimension 34 inches length , 18 inches width and 30 inches height. Primary material solid sheesham woodand secondary material 15mm solid MDF color teak finish style.  | 2.00  | No.  | 11992.74                        | Rupees Eleven Thousand Nine Hundred Ninety Two and Seventy Four Paisas Only | 23985.48  |
| Item No 60 | 2 Seater School Benches and Desks (small) for childrens   | 10.00   | No.  | 5095.45                         | Rupees Five Thousand Ninety Five and Forty Five Paisas Only                 | 50954.50  |
| Item No 61 | Furniture for Cup board   | 2.00  | LS   | 20200.00                        | Rupees Twenty Thousand Two Hundred Only                                     | 40400.00  |
| Item No 62 | Premium quality Kids Play school indoor setup (1) Amazon basic junior BPA free 4 to score Giant premium plastic games set.  | 2.00  | Set  | 20042.44                        | Rupees Twenty Thousand Forty Two and Forty Four Paisas Only                 | 40084.88  |



| <b>It. No.</b>   | <b>Description of Item<br/>(with brief specification and reference to<br/>book of specifications)</b> | <b>Quantity<br/>estimated but<br/>may be more<br/>or less</b> | <b>Unit</b> | <b>Estimated<br/>Rate In<br/>Figures</b> | <b>Estimated Rate In<br/>words</b>   | <b>Total Amount<br/>according to<br/>estimated<br/>quantities</b> |
|------------------|---|---|-------------|--|--|---|
| Item<br>No<br>63 | Premium quality Kids Play school indoor setup (2) Jazz<br>Drum set.                                   | <b>2.00</b>   | <b>Set</b>  | <b>825.17</b>                            | Rupees Eight<br>Hundred Twenty Five<br>and Seventeen<br>Paisas Only                    | <b>1650.34</b>  |
| Item<br>No<br>64 | Premium quality Kids Play school indoor setup (3) Play<br>rubber tiles.                               | <b>2.00</b>   | <b>Set</b>  | <b>3584.49</b>                           | Rupees Three<br>Thousand Five<br>Hundred Eighty Four<br>and Forty Nine Paisas<br>Only  | <b>7168.98</b>  |
| Item<br>No<br>65 | Premium quality Kids Play school indoor setup (4) Clapjoy<br>slingo fastest finger first board.       | <b>2.00</b>   | <b>Set</b>  | <b>607.01</b>                            | Rupees Six Hundred<br>Seven and One<br>Paisas Only                                     | <b>1214.02</b>  |
| Item<br>No<br>66 | Premium quality Kids Play school indoor setup (5) OK<br>play see saw yellow/ green.                   | <b>2.00</b>   | <b>Set</b>  | <b>7674.99</b>                           | Rupees Seven<br>Thousand Six<br>Hundred Seventy<br>Four and Ninety Nine<br>Paisas Only | <b>15349.98</b>   |
| Item<br>No<br>67 | Premium quality Kids Play school indoor setup (6) OK<br>play Rocker medium for kids, boat ride on toy | <b>2.00</b>   | <b>Set</b>  | <b>2513.89</b>                           | Rupees Two<br>Thousand Five<br>Hundred Thirteen and<br>Eighty Nine Paisas<br>Only      | <b>5027.78</b>  |
| Item<br>No<br>68 | Premium quality Kids Play school indoor setup (7) Table<br>tennis trainer                             | <b>2.00</b>   | <b>Set</b>  | <b>619.13</b>                            | Rupees Six Hundred<br>Nineteen and Thirteen<br>Paisas Only                             | <b>1238.26</b>  |
| Item<br>No<br>69 | Premium quality Kids Play school indoor setup (8) table<br>tennis press button                        | <b>2.00</b>   | <b>Set</b>  | <b>384.81</b>                            | Rupees Three<br>Hundred Eighty Four<br>and Eighty One<br>Paisas Only                   | <b>769.62</b>   |
| Item<br>No<br>70 | Premium quality Kids Play school indoor setup (9)<br>Dawnwake Baby play                               | <b>2.00</b>   | <b>Set</b>  | <b>4305.63</b>                           | Rupees Four<br>Thousand Three<br>Hundred Five and<br>Sixty Three Paisas<br>Only        | <b>8611.26</b>  |

| It. No.          | Description of Item<br>(with brief specification and reference to<br>book of specifications)   | Quantity<br>estimated but<br>may be more<br>or less | Unit | Estimated<br>Rate In<br>Figures | Estimated Rate In<br>words   | Total Amount<br>according to<br>estimated<br>quantities |
|------------------|--|---|------|---------------------------------|--|---|
| Item<br>No<br>71 | <p>3D Wall painting (two coats) painting tech that creates the illusion of depth and dimension on a flat surface wall art that can be used in public place 3D model physical body using collection of point in 3D space connected by various geometric entities curve surface with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even draw a picture and writing a slogan related to different painting and other theme based like heritage painting, cleanliness, plastic free city, save water, save daughter, go green, clean city, etc. shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth etc. all material, scaffolding, additional coats if required and labour or painter as directed by Engineer in Charge. Method</p> <p>1. Removing Dust from wall with use of wire brush and sand paper .</p> <p>2. Prepare surface with applying exterior putty, cement slurry, or plastering which one required for even surface.</p> <p>3. Applying Base coat of primer 4. apply final even coat of colour 5. Draw line picture 6. pre detailing for painting 7. final detailing of 3D painting 8. applying lacquer protection coat on the whole painting area (make :- Asian Paints, Berger, Nerolac. Equivalent brand as approved by the authority. ) (MR)</p> | 41.20   | Sqm  | 1878.60                         | Rupees One Thousand Eight Hundred Seventy Eight and Sixty Paise Only | 77398.32  |
| Item<br>No<br>72 | <p>2D Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even draw a picture and writing a slogan related to SWATCHHTA SURVEKSHAN Campaign and other theme based like a heritage, cleanliness, plastic free city, save water, save daughter, go green, clean city, City importance etc. shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth etc. all material, scaffolding, additional coats if required and labour or painter as directed by Engineer in Charge. Method 1. Removing Dust from wall with use of wire brush and sand paper . 2. Prepare surface with applying exterior putty, cement slurry, or plastering which one required for even surface. 3. Applying Base coat of primer 4. apply final even coat of colour 5. Draw line picture 6. pre detailing for painting 7. final detailing of 2D painting 8. applying lacquer protection coat on the whole painting area (make :- Asian Paints, Berger, Nerolac. Equivalent brand as approved by the authority. )</p>   | 41.20   | Sqm  | 1373.60                         | Rupees One Thousand Three Hundred Seventy Three and Sixty Paise Only | 56592.32  |

| It. No.          | Description of Item<br>(with brief specification and reference to<br>book of specifications)  | Quantity<br>estimated but<br>may be more<br>or less | Unit | Estimated<br>Rate In<br>Figures | Estimated Rate In<br>words  | Total Amount<br>according to<br>estimated<br>quantities |
|------------------|---|---|------|---------------------------------|---|---|
| Item<br>No<br>73 | 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  | 1.56  | Cum  | 3697.91                         | Rupees Three Thousand Six Hundred Ninety Seven and Ninety One Paisas Only | 5768.74   |
| Item<br>No<br>74 | (i) 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 foundation and plinth<br>(B) Conventional   | 10.92   | Smt  | 599.84                          | Rupees Five Hundred Ninety Nine and Eighty Four Paisas Only               | 6550.25   |
| Item<br>No<br>75 | 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 1:4 (1 cement:4-sand ) with finishing in floating coat of neat cement slury   | 27.28   | Smt  | 205.37                          | Rupees Two Hundred Five and Thirty Seven Paisas Only                      | 5602.49   |
| Item<br>No<br>76 | Providing and laying cement concrete flooring 1:2:4 (1- cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (B) 50mm thick.  | 2.88  | Smt  | 351.56                          | Rupees Three Hundred Fifty One and Fifty Six Paisas Only                  | 1012.49   |
| Item<br>No<br>77 | Providing and laying in ground 110 mm diameter PVC rain Water pipe 6 Kg./ Sq.cm. necessary fittings connection as per detailed drawing as directed by Engineer - in - charge.   | 60.00   | Rmt  | 334.08                          | Rupees Three Hundred Thirty Four and Eight Paisas Only                    | 20044.80  |
| Item<br>No<br>78 | Providing and laying in ground 150mm diameter PVC rain Water pipe 6 Kg./ Sq.cm. necessary fittings connection as per detailed drawing as directed by Engineer - in - charge.  | 20.00   | Rmt  | 429.76                          | Rupees Four Hundred Twenty Nine and Seventy Six Paisas Only               | 8595.20   |
| Item<br>No<br>79 | Brickwork 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  | 3.10  | Cum  | 4021.02                         | Rupees Four Thousand Twenty One and Two Paisas Only                       | 12465.16  |
| Item<br>No<br>80 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4M. and removal of the same for in situ reinforced concrete and plain concrete work in. (A) Foundations Footings Bases of Columns etc. and Mass concrete. | 2.40  | Smt  | 173.40                          | Rupees One Hundred Seventy Three and Forty Paisas Only                    | 416.16  |
| Item<br>No<br>81 | Supplying of crushed stone aggregate of 25 to 40 mm size as directed with 5 Km. lead  | 0.40  | Cum  | 661.90                          | Rupees Six Hundred Sixty One and Ninety Paisas Only                       | 264.76  |

| It. No.   | Description of Item<br>(with brief specification and reference to<br>book of specifications)   | Quantity<br>estimated but<br>may be more<br>or less | Unit | Estimated<br>Rate In<br>Figures | Estimated Rate In<br>words                                      | Total Amount<br>according to<br>estimated<br>quantities |
|---|--|---|------|---------------------------------|---|---|
| Item<br>No<br>82  | Supplying of coarse sand as directed with 5 Km. lead   | 1.22  | Cum  | 419.42                          | Rupees Four<br>Hundred Nineteen<br>and Forty Two Paisas<br>Only | 511.69  |
| TOTAL   |  |   |      |                                 |   | ₹ 26,24,566.38  |
| Rupees Twenty Six Lacs Twenty Four Thousand Five Hundred Sixty Six and Thirty Eight 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.<br><br>Estimated Amount<br>put to tender Rs. _____<br>Deduct _____ % below<br>Net Rs. _____<br>in words _____<br><br>Estimated Amount<br>put to tender Rs. _____<br>Add _____ % above<br>Net Rs. _____<br>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 Eexecutive Engineer  
R & B Panchayat Sub Division  
Viramagam

Executive Engineer  
R & B Panchayat Division  
Ahmedabad