

**Name of Work :- Constructing a Multi Purpose Community Hall at Village Buva
Ta.Amod, Maganad, Kava, Ta.Jambusar Dist. Bharuch**

BILL OF QUANTITIES

Memorandum showing item of works to be carried out.

| It. No. | Description of Item | Qty. | Unit | Rates in Figure | Total Amount |
|---------|---|--------|------|-----------------|--------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Excavation for foundation upto 1.50 mt depth including sorting out and stacking of useful materials and disposing the excavated stuff within all lead and lift for all sorts of soil. | 123.00 | Cum | 149.67 | 18409.41 |
| 2 | Providing and laying cement concrete 1:3:6 (1- cement : 3 coarse sand : 6 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in foundation and plinth. | 9.72 | Cum | 2965.76 | 28827.19 |
| 3 | 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 the cost of formwork (A) Wall caps / coping. | 6.00 | Cum | 3816.45 | 22898.70 |
| 4 | Providing and laying ordinary cement concrete M-200 mix and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in foundations, footing, base or columns and mass concrete. | 15.00 | Cum | 4116.76 | 61751.40 |
| 5 | 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 the cost of formwork in foundation and plinth. | 36.00 | Cum | 3481.28 | 125326.08 |
| 6 | Providing and laying ordinary cement concrete M-200 and finishing smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS having any cross sectional area. | 18.00 | Cum | 12146.26 | 218632.68 |
| 7 | Providing and laying ordinary cement concrete M-200 and finishing smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C work in (A) BEAMS having any cross sectional area. | 48.00 | Cum | 8036.57 | 385755.36 |
| 8 | Providing and laying ordinary cement concrete M-200 and finishing smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement for R.C.C work in Slabs having any thickness. | 47.40 | Cum | 7141.71 | 338517.05 |
| 9 | Providing and laying ordinary cement concrete 1:2:4 (1 cement, 2 coarse sand, 4 graded stone aggregate 20 mm nominal size) for RCC lintel including finishing smooth with curing etc. complete including the cost of form work but excluding cost of reinforcement. | 3.30 | Cum | 10219.39 | 33723.99 |
| 10 | Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4 graded stone aggregates 20 mm nominal size) for reinforced concrete Chhajjas not exceeding 10cm. 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. | 4.50 | Cum | 6335.31 | 28508.90 |
| 11 | Providing & erecting Sheet Steel powder coated enclosure suitable for incorporating one/two nos. MCB (A) DP MCB. | 45.00 | Cum | 460.19 | 20708.55 |
| 12 | Providing and laying brick work using common burnt clay building conventional type 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) including the cost of all materials and labour charges etc. complete. | 67.20 | Cum | 4006.70 | 269250.24 |
| 13 | Providing and laying brick work using common burnt clay building conventional type bricks having crushing strength not less than 35 Kg/sq.cm. in super structure above plinth level in cement mortar 1:6 (1 cement : 6 fine sand) including the cost of all materials and labour charges etc. complete. | 103.80 | Cum | 4289.33 | 445232.45 |

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|---------|--|----------|-------|-----------------|--------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 14 | Providing I.S.I. Mark T.M.T. bar Fe-415 reinforcement for R.C.C. work including bending, binding and placing in position complete for all floor level. | 12819.00 | Kg. | 67.26 | 862205.94 |
| 15 | Providing 15mm thick cement plaster in single coat on brick / concrete wall for interior plastering upto floor two level finished even and smooth in cement mortar 1:4 (1-cement : 4 sand) including floating coat of cement slurry etc. complete. | 537.00 | Sq.m. | 235.92 | 126689.04 |
| 16 | Providing 10mm thick cement plaster in single coat on brick / concrete wall for interior plastering upto floor two level finished even and smooth in cement mortar 1:3 (1-cement : 3 sand) including floating coat of cement slurry etc. complete for ceiling. | 360.00 | Sq.m. | 213.18 | 76744.80 |
| 17 | Providing 20 mm. thick sand faced cement plaster on walls up to height 10 meters 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 | 651.00 | Sq.m. | 329.29 | 214367.79 |
| 18 | Providing and laying 24" x 24" vitrified 8 mm thick tiles flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) on new surface of fixing on existing flooring by adhesive materials including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete for light shade. | 360.00 | Sq.m. | 764.64 | 275270.40 |
| 19 | 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 including rubbing and polishing etc. complete with mirror polishing. (A) 25mm thick. | 105.00 | Sq.m. | 976.72 | 102555.60 |
| 20 | Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. and with M.S. flats at required spacing and frame around square or round headed bolts and nuts by screws. (A) Ornamental grill | 1255.50 | Kg. | 154.62 | 194125.41 |
| 21 | Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying two coats of Birla or Asian acrylic lappy (putty) and 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. | 1548.00 | Sq.m. | 119.49 | 184970.52 |
| 22 | Providing and fixing window having extruded aluminum colour anodized section frame main outer size 127mm x 38.10 mm x 1.35mm @ wt. of 1.384 Kg/mt, horizontal four track member size 122.20 mm x 31.75mm x 1.10mm, @ Wt.1.205 Kg/mt, vertical member of size 122.20 mm x 31.75mm x 1.50mm @ Wt. 1.398 Kg/mt with sliding shutters of horizontal member size 40 mm x 18mm x 1.29mm @ wt.of 0.456 Kg/mt, vertical member of size 40mm x 18mm x 1.29 mm @ wt.of 0.456 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. | 46.50 | Sq.m. | 2140.33 | 99525.35 |
| 23 | Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including Country wood frames 12 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc. complete. (ii) Fully Panelled. | 15.00 | Sq.m. | 5533.68 | 83005.20 |
| 24 | Providing and laying ceramic 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 (B) Ceramic tiles 6 mm to 8 mm thick. | 6.00 | Sq.m. | 995.81 | 5974.86 |

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| 1 | 2 | 3 | 4 | 5 | 6 |
| 25 | Providing and laying broken china mosaic flooring for terrace using 12mm to 20mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out up to surface using white cement including rounding off junctions and extending them up to 15 cm along the wall, clearing with water and oxalic acid etc. as directed. | 360.00 | Sq.m. | 747.29 | 269024.40 |
| 26 | Carrying out plinth treatment to post construction existing structure by spraying chemical solution for termite control treatment including labour and materials consistent with I.S.I specification. | 360.00 | Sq.m. | 34.36 | 12369.60 |
| 27 | Providing and fixing marble stone name plate including setting in C.M. 1:2 including finishing and engraving letters etc. complete as directed. | 3.00 | No. | 6060.00 | 18180.00 |
| 28 | Providing and fixing to wall, ceiling and floor 6.0 Kg. F/Cm2 working pressure polythene pipes of the following outside dia. low density, complete with special flange compression type fittings, wall clips etc. including making good the wall, ceiling and floor. (F) 75mm 6.0 Kg. F/Cm2 (Air Ventilation pipe) | 60.00 | Rmt. | 277.43 | 16645.80 |
| 29 | Table : Top surface of the table shall be made of high quality Three layer prelaminated particle board medium density U.V. board of 25 mm thickness. Finish all components in U.V. board. Wire management shall be provided. Keyboard tray shall be provided with channels for easy movement. Table shall also contain 3 drawers on one side with centralized lock system. Overall product dimensions: 1200 mm (W) x 750 mm (D) x 750 mm (H). | 9.00 | No. | 11615.00 | 104535.00 |
| 30 | Plastic Chair Providing and supplying Nilkamal or other brand Signature Chair with Metallic look and Light Beige Cushion Width 54.80cm depth 55.50cm, Height 80.8cm Weight 5.20 kg or More should be provided in the chairs etc. complete etc. completed with all taxes as per chair of approved make from GODREJ, FEATHERLITE, GEEKEN as directed and approved by the Engineer in charge | 72.00 | No. | 3272.40 | 235612.80 |
| 31 | Providing & Supplying S.S. Waiting Chair Three Seater the seat should be made by high quality cold rolling S.S. plate, legs, arms & back rest are all S.S. as per image & work shall be done as per drawing or directed by as per Engineer in charge. | 6.00 | No. | 15028.80 | 90172.80 |
| 32 | Providing & Supplying Steel Storewells (Godrej Make) having dimensions - 900 (W) x 507 (D) x 1950 (L) mm made up of 20 gauge M. S. steel section, with 04 Nos. adjustable shelves, good quality locking system, powder coated etc. complete including all taxes as per image & sample approved and etc. completed with all Taxes as directed by the Architect and approved by the Engineer in charge. | 3.00 | No. | 18058.80 | 54176.40 |
| 33 | Providing & Supplying Files Storage Racks - Record Rooms having size -2.00 x 0.91 x 0.40 M, made out by M.S. slotted angle of 40 x 40 mm (2.5 Kg/pcs.) with M.S. sheet (3Kg/pcs.) for partitions shelves - 07 nos, shelves and depth 380mm, including labour, material etc. complete including all Taxes as directed by the Architect and approved by the Engineer in charge | 20.70 | Sq.m. | 1818.00 | 37632.60 |
| Electric work | | | | | |
| 34 | Point wiring for Light/Fan/Bell/ Primary point with 2-1.0 sq.mm & earth wire of 1.0 sq. mm.(green) both are ISI marked FR PVC insulated multistrand copper wires, in existing pipe duly erected, complete with 6A tissino type ISI marked flush type switch / bell push and accessories erected on polished wooden block / metal / PVC / box covered with 3mm thick laminated sheet (PVC Copper Wire, Acocab, Finolex, RR Cable brand only) and (Electrical accessories i.e. Switches etc. CLIPSAL, MK, ANCHOR, TOYOMA brand only) for concealed wiring. Light/Fan/Bell. | 54.00 | Pt | 150.00 | 8100.00 |

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| 35 | Point wiring for Independent PLUG point with 2-1.0 sq.mm & earth wire of 1 sq. mm.(green) both are ISI marked FR PVC insulated multistrand copper wires, in existing pipe duly erected, complete with ISI marked 3 pin 6 A. socket and 6A tissino type switch erected on polished board block / metal / PVC / box covered with 3mm thick laminated sheet (PVC Copper Wire, Acocab, Finolex, RR Cable brand only) and (Electrical accessories i.e. Switches etc. CLIPSAL, MK, ANCHOR, TOYOMA brand only) for concealed wiring. | 9.00 | Pt. | 173.00 | 1557.00 |
| 36 | Point wiring for Looped PLUG point with complete with ISI marked 3 pin 6 A. socket and 6A tissino type ISI marked flush typesingle pole switch erected with earth continuity connection erected, on polished wooden block / metal / PVC Box covered with 3mm thick laminated sheet for open/ concealed wiring. | 9.00 | Pt | 35.00 | 315.00 |
| 37 | Mains with 1.1 KV grade FRPVC insulated ISI marked stranded copper conductor wire in existing pipe erected with 1.5 Sq.mm copper conductor FR PVC insulated stranded wire of green colour for earth continuity of following size.(PVC Copper wire, Avocab, Finolex, RR Cable brand only) (a) 2 wre 1.5 Sq.mm. | 135.00 | Rmt | 24.00 | 3240.00 |
| 38 | Mains with 1.1 KV grade FRPVC insulated ISI marked stranded copper conductor wire in existing pipe erected with 1.5 Sq.mm copper conductor FR PVC insulated stranded wire of green colour for earth continuity of following size. (PVC Copper wire, Avocab, Finolex, RR Cable brand only) (b) 2 wre 2.5 Sq.mm. | 120.00 | Rmt | 31.00 | 3720.00 |
| 39 | Providing and erecting PVC casing patty conforming to ISS complete rected with necessary fitting fixed with adhesive solution (I) for open execution | 135.00 | Rmt | 25.00 | 3375.00 |
| 40 | Providing & erecting PVC Corrugated FLEXIBAL Conduit with require Nos. of coupling, PVC bushes, Check Nuts Etc. complet of following size. 20 mm | 6.00 | Rmt | 13.00 | 78.00 |
| 41 | Providing & erecting PVC Corrugated FLEXIBAL Conduit with require Nos. of coupling, PVC bushes, Check Nuts Etc. complet of following size 25 MM | 6.00 | Rmt | 17.00 | 102.00 |
| 42 | 8. Backlite lamp holder | 24.00 | Nos | 15.00 | 360.00 |
| 43 | Electronic Hum Free EME Socket Type steps Fan Regulator. | 9.00 | Nos | 190.00 | 1710.00 |
| 44 | Providing and erecting Bulk Head fitting with glass wire guard rubber gasket & porcelain holder suitable for 40 Watt to 100 Watt lamp suitable conduit entry to be erected as directed. | 9.00 | Nos | 39.00 | 351.00 |
| 45 | Supplying and erecting approved make 1 x 40 Watt. white stove enameled Patti type type fluorescent fitting made of M.S. 0.8 mm. thick white on reflector side. Complet with heavy duty polyester copper wound balast, lock type tube, starter, duly wired for use on 250 V A.C. supply and erected if required on varnish P.W. block / PVC bloack with lead wires & connection. Cat-III (CLIPSAL, PIERLITE, PHILIPS, CROMPTON brand only) (a) Suitable for 1 tube 40 watt. 1.20mt. Cat-III | 15.00 | Nos | 347.00 | 5205.00 |
| 46 | Approved make G.F. lamp 230/250 V. 40/60 Watt Cat-III | 15.00 | Nos | 14.00 | 210.00 |
| 47 | Approved make fluorscent tube 120 cms. 36/40 Watt erected, if required. Cat-III | 15.00 | Nos | 61.00 | 915.00 |
| 48 | Providing and erecting decorative call bell Ting -Tong box type 250 V. complet erected on existing polished wooden block or 3 mm thick laminated | 3.00 | Nos | 60.00 | 180.00 |
| 49 | Providing & erecting approved make ceiling fan with condenser A.C. 230 V 50 Cys. 1200 mm. sweep complete, canopy, regulator and 30 cms. Downen rod erected on existing hook or clamp with 24/0.2 flat 3 core flexible wire with earthing. With out regulator. | 9.00 | Nos | 1323.00 | 11907.00 |
| 50 | Supplying & erecting fan hook box of 10 mm M. S. Round bar grouted in RCC slab with Making the site as original. | 9.00 | Nos | 33.00 | 297.00 |
| 51 | Providing & erecting 240 V. MCB double pole motor & incuding load (C curve) having 10 KA breaking capacity & conforms ti IS : 8828 in existing box having following capacity. 40 Amp. Cat-II | 3.00 | Nos | 337.00 | 1011.00 |

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|---------|--|-------|------------------|-----------------|-------------------|
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| 52 | For using salt and charcoal / coke as required for pipe type earthing. | 15.00 | Nos | 127.00 | 1905.00 |
| 53 | GEB Conn. Charges for PHC | 3.00 | L.S | 6500.00 | 19500.00 |
| | | | Total Rs. | | 5125364.31 |

i.e. Rs. Fifty one lacs Twenty Five Thousand Three hundred Sixty Four & Paise Thirty one only.

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

| | |
|--------------------------------|--------------------------------|
| Estimated amount put to tender | Estimated amount put to tender |
| Deduct.....% below | Add.....% Above |
| Net Rs. _____ | Total Rs. _____ |
| In words _____ | 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.

Above all items of "Schedule-B" with Item Description, Unit, Rate & Amount have verified by me and found order.

Deputy Executive Engineer
Panchayat (R & B) Sub Division,
Jambusar

Sr. Divisional Account Officer
Panchayat (R & B) Division,
Bharuch

Executive Engineer
Panchayat (R & B) Division,
Bharuch