

Name of Work :- Construction of Community Hall at Village krankach Ta. Liliya Dist. Amreli

## Bill of Quantities

Memorandum showing items of works to be carried out

Item No.	Quanties Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated quantieis.
				In Figure Rs. Ps	In Words.		
1	45.630	Cum	Excavation for foundation up to 1.5m depth including sorting out and staking of useful materials and disposing of the excavated stuff up to all lead hard Murrum.	256.12	Rupees Two Hundred Fifty Six and Paise Twelve only	One Cubic metre	11686.75
2	7.000	Cum	Providing and laying cement concrete 1:4:8 (1 cement, 4sand,8 machine crushed stone aggregates 40 Mm.Nominal size)and curing complete, excluding cost of formwork in(a) Foundation and Plinth	2830.46	Rupees Two Thousand Eight Hundred Thirty and Paise Forty Six only	One Cubic metre	19813.22
3	24.400	Cum	Providing and laying ordinary cement concrete1:1.5:3 (1cement,1.5sand, 3 gradedstone aggregates 20 mm.Nominal size) and finishing smooth with curing etc. complete excluding cost of form work and reinforcement for reinforced cement concrete work in in A) Foundations, footings, base of columns and mass concrete	5294.78	Rupees Five Thousand Two Hundred Ninety Four and Paise Seventy Eight only	One Cubic metre	129192.63
4	2.500	Cum	Providing and laying ordinary cement concrete1:1.5:3 (1cement,1.5sand, 3 gradedstone aggregates 20 mm.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 Column (iii) Having cross-sectional area ore than 0.085 Sq.M. and up to 0.12Sq.M.	10340.71	Rupees Ten Thousand Three Hundred Forty and Paise Seventy One only	One Cubic metre	25851.77
5	16.500	Cum	Brickwork using common burnt clay building brick shaving crushing strength not less than 35 KG/Sqcm. in foundation and plinth in cement mortar 1:5(1 cement , 5 fine sand) Conventional bricks	4051.78	Rupees Four Thousand Fifty One and Paise Seventy Eight only	One Cubic metre	66854.37

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6	7.700	Cum	Providing & laying C.C. 1:1 1/2:3 (1 cement , 1 1/2 course sand, 3 graded stone agg. of 20mm nominal size) and finishing smooth with curring etc. comp. incl. the cost of formwork but excl. the cost of reinforcement for R.C.C. work in. (A) Beam :- Having cross sectional Area 0.085 to 0.12 Sqm.upto floor all level	8035.64	Rupees Eight Thousand Thirty Five and Paise Sixty Four only	One Cubic metre	61874.42
7	6.900	Cum	Providing & laying ordinary Cement Concrete 1:1 1/2:3 (1 cement , 1 1/2 course sand, 3 graded stone agg. of 20mm nominal size) exposed work with curring etc. comp. incl. the cost of formwork but excluding the cost of reinforcement for R.C.C. work in. SLAB :- Having more then 10cm. and end upto 13cm thickness.upto floor all level	7258.19	Rupees Seven Thousand Two Hundred Fifty Eight and Paise Nineteen only	One Cubic metre	50081.51
8	1.000	Cum	Providing & laying ordinary C.C. 1:1 1/2:3 ( 1 cement , 1 1/2 course sand, 3 graded stone agg. of 20mm Nominal size) and for R.C.C. LINTELS incl. Finishing smooth with curring of formwork but excl. the cost of reinforcement. for above floor upto Floor all level	8482.57	Rupees Eight Thousand Four Hundred Eighty Two and Paise Fifty Six only	One Cubic metre	8482.57
9	1.100	Cum	Providing and laying cement concrete 1:1 1/2:3 (1 cement , 1 1/2 course sand, 3 graded stone add. of 20mm nominal size) for reinforcement concrete CHHAJJAS not exceeding 10cm. thickness upto floor two level incl. finishing the exposed surface with C.M. 1:3 ( 1 cement , 3 fine sand) to give a smooth and ever surface, centering, formwork and curring comp.Excl. the cost of reinforcement.above plinth Upto floor all level.	6921.98	Rupees Six Thousand Nine Hundred Twenty One and Paise Ninety Eight only	One Cubic metre	7614.18

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10	2935.000	Kg	Thermo Mechanically treated bar F.E. 500 Steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor all level	76.21	Rupees Seventy Six and Paise Twenty One only	One Kilogram	223676.35
11	43.500	Cum	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	130.39	Rupees One Hundred Thirty and Paise Thirty Nine only	One Cubic metre	5671.96
12	180.260	Sqm	Providing 15mm thick cement plaster in single coat on fair side of Brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand) .Uoto floor all level	186.12	Rupees One Hundred Eighty Six and Paise Twelve only	One Squire metre	33549.99
13	167.700	Sqm	Providing 10mm thick cement plaster in single coat on fair side of Brick/concrete walls for interior plastering upto floor all level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand) .Upto floor all level finished even & Smooth with floating coat of neat cement slurry.	186.92	Rupees One Hundred Eighty Six and Paise Ninety Two only	One Squire metre	31346.48
14	52.200	Sqm	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	704.17	Rupees Seven Hundred Four and Paise Seventeen only	One Squire metre	36757.67
15	5.100	Sqm	Pro. /Fix. Steel door having of 40x40x5mm. Iron angle, & Double Shutter arrangement, shutter frame of 30x30x4mm. Iron Angle and B.G. 22 Gauge Plate with Hold fasts,Iron hinges, handles, stopper , locking arrangement etc. comp. Steel welded is built up section of oil painting over coat of primer coat etc. comp	3636.00	Rupees Three Thousand Six Hundred Thirty Six and Paise Zero only	One Squire metre	18543.60

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16	4.400	Sqm	Providing and fixing window having extructed aluminum Colour anodized section frame main outer size 63.50 × 38.10 ×1.95 mm(of jindal Section no:4605,@ Wt 1.094 Kg/Rmt), horizontal two track member size 61.85 mm× 31.75 mm×1.20 mm (of jindal Section no:8687,@ Wt 0.695 Kg/Rmt), verticle member of size 61.85 mm× 31.75 mm×1.30 mm (of jindal Section no:8758 @ Wt 0.659 Kg/Rmt) with sliding shutter of horizontal member size 40 mm × 18 mm × 1.29 mm (of jindal Section no:8949 @ wt. of 0.456Kg/mt,verticle member of size 40 mm × 18 mm × 1.29 mm (of jindal Section no:8947 @ wt. of 0.456Kg/mt/ Section 8948,@ Wt 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fitting and fixtures and transparent silicon sealent glass fixing to frame as per details etc	1713.70	Rupees One Thousand Seven Hundred Thirteen and Paise Seventy only	One Squere metre	7540.28
17	167.700	Sqm	Distempeing(Twocoats) with oil bound distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth.	72.07	Rupees Seventy Two and Paise Seven only	One Squere metre	12086.13
18	180.260	Sqm	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.	114.53	Rupees One Hundred Fourteen and Paise Fifty Three only	One Squere metre	20645.17
19	4.000	No	Providing and fixing PVC rain water spout of 50mm dia. and 30cm length.	76.57	Rupees Seventy Six and Paise Fifty Six only	One Number	306.28

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20	52.290	Sqm	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm 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 upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	747.29	Rupees Seven Hundred Forty Seven and Paise Twenty Eight only	One Square metre	39075.79
21	2.450	Cum	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the excavated stuff and depositing on the road side slope as directed upto all.lead.	104.20	Rupees One Hundred Four and Paise Twenty only	One Cubic metre	255.29
22	32.250	Sqm	Providing and interlocking CC Paving block in every square meters as per selected size and shape and 80 M-200 without pigmentation the blocks will be rubber moulded of uniform staight edges. even colour and without any damages the paving blocks will be laid in pattern specification packed, in different colour in half thickness will filled in a clean manner finished with edge detailing as specified paver blocks will be laid dry on a layer of sand of finished 50MM thick with wooden mallet or rubber hammer the rates are excl. edge dataling rubble soling bed as required.	752.45	Rupees Seven Hundred Fifty Two and Paise Forty Five only	One Square metre	24266.51
23	0.250	Cum	Providing and laying C.C. 1:2:4 (1 cement, 2 coarse sand , 4 graded stone agg. 20mm Nominal size) and curring comp. excluding cost of forwork in. (A) foundation and plinth.	3697.88	Rupees Three Thousand Six Hundred Ninety Seven and Paise Eighty Eight only	One Cubic metre	924.47

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24	2.000	Point	Point wiring for FAN with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV Grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in flush on wall/ceiling complete with 6A Modular type switch and hum free EME four or more step type electronic fan regulator with separately mounted and accessories with earth continuity of following type, erected on PVC / Metallic box, single mounting base frame covered with textured/metalic front plate modules erected on / in wall / ceiling as per pipe erected, with necessary ceiling rose / H.D.Connector as directed.(a) with medium class Rigid PVC pipe and accessories Cat-III	669.63	Rupees Six Hundred Sixty Nine and Paise Sixty Three only	0	1339.26
25	2.000	Point	Point wiring for Light /Bell with 2-1.5 sq.mm (Green) both are of ISI marked 1.1 KV Grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in/on surface on wall/ceiling complete with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic box, single mounting base frame covered with textured/metalic front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed.(a) with medium class Rigid PVC pipe and accessories Cat-III	467.63	Rupees Four Hundred Sixty Seven and Paise Sixty Three only	0	935.26

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26	2.000	No	Providing & Erecting approved make ceiling Fan with double ball bearing ISI mark with condenser 230 Volt A.C. 50 c/s ,1200MM sweep complete having 3 blades with aluminium blades with canopy & 30 Cms down rod erected on existing hook or clamp with 24/0.2, 3 core flexible wire with earthing (Make shall be app. by enginner in charge )	1717.00	Rupees One Thousand Seven Hundred Seventeen and Paise Zero only	One Number	3434.00
27	2.000	No	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 sink shall be made of thick sheet conforming to IS:513/CRCA polyester powder coated and high U.V. & corrosion resistance with diffuser and/or polycarbonate optics with company mark/name 120 to 300 V,Power Factor more than 0.9, THD < 10 %, CCT 4000 K to 6500K, Uniformity ratio >0.7, Luminaire efficiency> 85 lumens/watt, LED driver efficiency> 85 % CREE / OSRAM / PHILIPS Lumileds / NICHIA / SEOUL/ Bridgelux (U.S.A.) make LED used for luminaire. (Each fitting required LM-79 & LM-80 Certificates)(B) LED Lamps intgra Type, cool white with PC diffuser suitable for B22 LAMP holder(b) 5 to 10 watts	212.10	Rupees Two Hundred Twelve and Paise Ten only	One Number	424.20

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28	1.000	No	Point wiring for individual Plug with & Earth wire of FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / surface of wall/ ceiling complete with Modular type switch and 5 Pin plug erected on PVC/ Metallic box covered with appropriate front plate modules erected on / in wall/ ceiling as per pipe erected with following type of (I) For 6A Plug with 2-1.5 Sq.mm Cu.wire (a) With medium class rigid PVC Pipe and accessories Cat-III	449.45	Rupees Four Hundred Forty Nine and Paise Forty Five only	One Number	449.45	
29	1.000	No	Providing & Fixing marble Takti as directed	1200.89	Rupees One Thousand Two Hundred and Paise Eighty Nine only	One Number	1200.89	
			<b>Dismntled Material Credit Rs. 0 will be deducted from 1 St R.A. Bill</b>					
Rupees Eight Lakh Forty Three Thousand Eight Hundred Eighty and Paise Forty Five only							Total Rs.	843880.45

I \ We am \ are willing to carry out the work at ..... % above\below percent ( Should be written in figures and words ) of the estimated rate mentioned above. Amount of My \ Our tender works put as under.

\* Estimated Amount

Put to tender **Rs**.....

Deduct.....%

Net **Rs**.....

In words.....

\* Estimated Amount

Put to tender **Rs**.....

Add.....%

Total **Rs**.....

In words.....



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- 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.

Signature of Contractor

Deputy Executive Engineer  
Panchayat R.& B. Sub Division  
Lathi

Executive Engineer  
Panchayat R.& B. Division  
Amreli