

तकनीकी स्वीकृति अथवा अनुदान प्राप्ति हेतु प्रेषित प्रस्ताव के संबंध में चेक लिस्ट

क्र.	कार्य का नाम	अनुलग्नक / संलग्नक
1	कार्य का नाम	वार्ड क्र. 01 में सामुदायिक भवन निर्माण कार्य
2	कार्य का स्थल / वार्ड क्र. / जोन क्र.	नगर पंचायत क्षेत्रांतर्गत
3	कार्य की विद्यमान स्थिति	नवीन प्रस्ताव
4	विस्तृत तकनीकी प्रतिवेदन (कार्य की आवश्यकता)	संलग्न
	प्राक्कलन राशि	रु. 49.86 लाख 49.92 लाख
5	योजना के प्राक्कलन का विवरण	SOR PWD (BUILDING WORKS) W.E.F. 01.01.2015, SOR PWD (ROAD WORKS) W.E.F. 01.01.2025, SOR PWD (ELECTRICAL & MECHANICAL WORKS) W.E.F. 01.06.2020, CG PHED SOR W.E.F. 01.06.2020 से प्रभावशील
6	मद का नाम	
	लाख शीर्ष तथा बजट प्रावधान की उपलब्धता	हां
7	कार्य के लिए सक्षम प्राधिकारी द्वारा दी गयी सैध्दांतिक सहमति	संलग्न
	परिषद / सामान्य सभा से अनुमोदन	—
8	साईट प्लान सहित आवश्यक मानचित्र	संलग्न
	संरचना की ड्राइंग व डिजाईन	संलग्न
9	भूमि का प्रकार	शासकीय
	भूमि स्वामी व हस्तांतरण	आवश्यक नहीं
10	प्राक्कलन में प्रयुक्त SOR के ITEMS के संदर्भ का उल्लेख है / नहीं	हां
11	यदि कोई NON SOR के ITEMS लिया गया हो तो विवरण दें।	—
12	विकास योजना में प्रस्ताव भू-उपयोग	—
13	नगर तथा ग्राम निवेश से ले-आउट अनुमोदन	आवश्यक नहीं
14	कार्यस्थल अविवादित एवं निकाय की भूमि का स्वामित्व प्रमाण पत्र	आवश्यक नहीं
15	प्रस्तावित कार्य स्थल पर पहुंच मार्ग है / नहीं	है
16	प्रस्तावित कार्य स्थल पर अतिक्रमण / एच.टी. लाईन / एल.टी. लाईन / टेलीफोन / झाड़ के प्रभाव से मुक्त या नहीं	है
17	कार्य स्थल नाला / निचल भू-सतह / वाटर लागत क्षेत्र से प्रभावित होने संबंधित प्रतिवेदन	नहीं है
18	भवन निर्माण किये जाने की स्थिति में पानी निकासी व्यवस्था	है
19	भवन निर्माण की स्थिति में निःशक्तजनों के लिए शासन के लिए निर्देशानुसार उपयुक्त सुविधाएं का प्रावधान	—
20	उक्त कार्य पूर्व में कब बना / रिनोवेशन हुआ या नहीं	नवीन प्रस्ताव
21	पूर्णता अथवा उपयोगिता प्रमाण पत्र	आवश्यक नहीं
22	अन्य आवश्यक जानकारी	

उपस्थिति

नगर पंचायत कसडोल

मुख्य नगर पालिका अधिकारी

नगर पंचायत कसडोल

OFFICE OF THE NAGAR PANCHAYAT KASDOL
DISTT. - BALODABAZAR-BHATAPARA (C.G.)

ABSTRACT

**For Construction of Samudaik Bhawan at ward No.01
(For Kanwar Samaj at Nagar Panchayat Kasdol)**

ESTIMATE HAS BEEN PREPARED AS PER
SOR PWD (BUILDING WORKS) W.E.F. 01.01.2015, SOR PWD (ROAD WORKS) W.E.F. 01.01.2025,
SOR PWD (E&M) W.E.F. 01.06.2020, PHED SOR 01.06.2020

S.no.	Item	Qty	Unit	Amount
1	Construction of Ground Floor	555.15	Meter	1564752.98
2	Construction of First Floor	1.0	Nos	1856023.48
3	Revampation of Existing Ground Floor Building	1.0	Nos	541145.21
4	Construction of Stage inside Hall at ground Floor			58998.62
5	Paved area			358277.0 352487.00 4379197.0
Total Amount =				4373407.00
Add :- 5.0% For water Supply & Sanitary Works =				218670.35
Add :- 5.0% For Internal & external electrification Works =				218670.35
2% Contingency Add :- 4.0% For External Development Works				306138.49
(Plinth protection, staircase & Boundry wall revampation, Signage Board) =				174936.28
Total Amount				4985683.98
Say in lakhs				49.86
				4992284.58
In words:- Fourty Nine Lakhs Eighty Six Thousand Only				49.92 lakhs
Sub Engineer Nagar Panchayat Kasdol		C.M.O. Nagar Panchayat Kasdol		

Technically Approved For Rs. 49.92 lacs
In Words Rs. Forty Nine lacs Ninety two thousand
only.
is Here By Accorded for Works const. of
Samudai Bhawan at ward No. 01
ULB Name Kasdol Dist. BBBP
vide T.S. No. 466 Date 06/05/2026

Kaushey
Sub. Engineer
Human Administration & Development
Tech. Cell) Raipur (C.G.)

Executive Engineer
Urban Administration & Development
(Tech. Cell) Raipur (C.G.)

Detailed Estimate for Construction of Ground Floor Of Proposed Samudaik Bhawan For Kanwar Samaj at Nagar Panchayat Kasdol

ESTIMATE HAS BEEN PREPARED AS PER
SOR PWD (BUILDING WORKS) W.E.F. 01.01.2015

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/height including disposal of rubbish upto 1.5 m lift and lead upto 50 m (at least 5m away from the dressed area).								
			1	11.40	15.50		176.70			
						Total	176.70	Sqm	7.20	1272.00
2	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soil								
		For Footing of Column C1	12	1.50	1.50	1.50	40.50			
		For Footing of Column C2	6	1.50	1.90	1.50	25.65			
		Supporting wall								
		Long wall	8	1.70	0.40	0.35	1.90			
			2	0.90	0.40	0.35	0.25			
		Short wall	9	2.20	0.40	0.35	2.77			
			3	8.80	0.40	0.35	3.70			
						Total	74.77	cum	185.00	13832.0
3	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		For Footing of Column C1	12	1.50	1.50	0.15	4.05			
		For Footing of Column C2	6	1.50	1.90	0.15	2.57			
		Supporting wall	8	1.70	0.40	0.10	0.54			
			2	0.90	0.40	0.10	0.07			
			9	2.20	0.40	0.10	0.79			
			3	8.80	0.40	0.10	1.06			
		Floor - Hall	1	11.00	12.70	0.60	83.82			
			1	11.00	2.40	0.20	5.28			
						Total	98.18	cum	371.00	36425.0
4	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
3.1.3		1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size)								
		For Footing of Column C1	12	1.50	1.50	0.15	4.05			
		For Footing of Column C2	6	1.50	1.90	0.15	2.57			
		Supporting wall	8	2.90	0.40	0.15	1.39			
			2	2.10	0.40	0.15	0.25			
			9	3.40	0.40	0.15	1.84			
			3	10.00	0.40	0.15	1.80			
		Hall	1	11.00	12.70	0.10	13.97			
		Passage	1	11.00	2.40	0.10	2.64			
		Total					28.51	cum	2970.00	84675.0
5	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		Footing								
a		For Footing of Column C1	12	1.50	1.50	0.15	4.05			
		For Footing of Column C2	6	1.50	1.90	0.15	2.57			
b		Trapezoidal portation (Ht. 0.45)	12	0.58	-	0.45	3.13			
			6	0.72	-	0.45	1.94			
c		Column upto plinth bottom	12	0.30	0.30	0.85	0.92			
			6	0.30	0.70	0.85	1.07			
		Column upto Lintle bottom	12	0.20	0.30	2.10	1.51			
			6	0.30	0.70	2.10	2.65			
		Column lintle top to slab bottom	12	0.30	0.30	1.20	1.30			
			6	0.30	0.70	1.20	1.51			
		Plinth Beam								
			2	13.10	0.30	0.45	3.54			
			5	11.40	0.30	0.45	7.70			
			2	2.40	0.20	0.20	0.19			
			1	11.40	0.20	0.20	0.46			
		Lintle Beam								
			2	13.10	0.20	0.20	1.05			
			2	11.40	0.30	0.20	1.37			
			2	2.40	0.20	0.20	0.19			
			1	11.40	0.20	0.20	0.46			
		Chhajja	2	2.20	0.45	0.100	0.20			
		Slab Beam								
			3	11.40	0.30	0.70	7.18			
			3	11.40	0.30	0.45	4.62			
			2	15.50	0.30	0.45	4.19			
		Slab	1	15.50	11.40	0.125	22.09			
		Total					73.89	cum	4163.00	307604.1
6	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
		Qty Above Plinth					60.21			
		Total					60.21	cum	97.50	5870.5

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
7	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.								
		qty from item no. 2	2				74.77			
		Deduct:-								
		qty from item no. 4	4				-28.51			
		qty from item no. 5	5	(a+b+c)			-8.10			
		Total					38.16	cum	65.00	2480.0
7	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
		Column upto plinth bottom								
		c1 (0.3+0.3)x2 = 1.20	12	1.20	-	0.85	12.24			
		c2 (0.3+0.70)x2 = 2.00	6	2.00	-	0.85	10.20			
		Plinth Beam								
		(6X2)=12	4	13.10	-	0.45	23.58			
		(2X2)=04	10	11.40	-	0.45	51.30			
			4	2.40	-	0.45	4.32			
			2	11.40	-	0.45	10.26			
		Total					111.90	sqm	139.00	15554.0
	2.1.5	Columns, Pillars, Piers and likes-rectangular or square in shape								
		Column upto Lintle bottom	12	1.20	-	2.10	30.24			
			6	2.00	-	2.10	25.20			
		Column lintle top to slab bottom	12	1.20	-	1.20	17.28			
			6	2.00	-	1.20	14.40			
		Total					87.12	Sqm	297.00	25875.0
	2.1.8	Beams, lintels, cantilevers & walls								
		Lintle Beam								
			4	13.10	-	0.20	10.48			
			10	11.40	-	0.20	22.80			
			4	2.40	-	0.20	1.92			
			2	11.40	-	0.20	4.56			
		Slab beam								
			6	11.40	-	0.70	47.88			
			6	11.40	-	0.45	30.78			
			4	15.50	-	0.45	27.90			
		Total					106.56	Sqm	202.00	21525.0
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
		Chhajja	2	2.20	0.45	-	1.98			
		Slab								

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
			1	15.50	11.40	-	176.70			
		SIDES	2	26.90	-	0.125	6.73			
						Total	185.41	Sqm	235.00	43571.4
8	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.1	Thermo-Mechanically treated bars FE 415								
		@ 100 kg per cum of concrete	1	73.89	x	100.0	7389.00			
						Total	7389.00	kg	54.50	402701.0
9	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
		Below Ground Beam								
		Supporting wall	8	2.90	0.30	0.30	2.09			
			2	2.10	0.30	0.30	0.38			
			9	3.40	0.30	0.30	2.75			
			3	10.00	0.30	0.30	2.70			
						Total	7.92	cum	3263.00	25843.0
10	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
		above plinth upto LINTLE BOTTOM	8	2.90	0.20	2.10	9.74			
			2	2.10	0.20	2.10	1.76			
			6	3.40	0.20	2.10	8.57			
		Above Lintle upto Slab beam bottom	8	2.90	0.20	1.45	6.73			
			2	2.10	0.20	1.45	1.22			
			6	3.40	0.20	1.45	5.92			
		Deduction				Total (A)=	33.94			
		Door D1	1	2.40	0.20	2.10	1.01			
		D2	3	1.20	0.20	2.10	1.51			
		Window w	4	2.00	0.20	1.20	1.92			
		Ventilator	16	0.60	0.20	0.45	0.86			
						Total (B)=	5.30			
						Total	28.64	cum	3384.00	96918.0

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
11	9 16	Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.								
	9 16.2	Angle-iron frames								
		Door D1	1	6.60	-	-	6.60			
		Door D2	2	5.40	-	-	10.80			
						Total	17.40	Sqm		
		For Qty of steel= Area x 25.0 kg/Sqm	1	17.40	x	25.00	435.00			
						Total	435.00	kg	73.50	31973.0
12	8.12	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.								
	8.12.3	30 mm. thick (single leaf)								
		Door D1	1	2.40		2.10	5.04			
		Door D3	3	1.20		2.10	7.56			
						Total	12.60	Sqm	1832.00	23083.0
13	8.99	Providing and fixing M.S. bright finished or black enameled sliding door bolts with bolts, nuts and necessary iron screws:								
			5	-	-	-	5.00	EACH	72.50	363.00
14	8.102	Providing and fixing M.S. bright finished or black enameled Tower bolts (Barrel type) with necessary iron screws:								
	8.102.1)	250 mm	10	-	-	-	10.00	EACH	34.50	345.00
15	8.90	Providing and fixing 150mm antique/ S.S. finished brass floor door stopper with rubber cushion and antique/ S.S. polished MS screws to suit the shutter thickness.								
			10	-	-	-	10.00	EACH	77.00	770.00
16	8.103	Providing and fixing M.S. bright finished or black enameled handles with necessary iron screws:								

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
		8.103.1)125 mm								
			10	-	-	-	10.00	EACH	51.00	510.00
17	8.3	Providing 40x5mm iron hold fast 40cm long including fixing to frame with 10mm bolts nuts and wooden plug and embedding in Cement Concrete 1:2:4 in blocks of size 30x10x15cm.								
			10	6	-	-	60.00	EACH	72.50	4350.00
18	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing and panelling to be paid for separately)								
i	9.47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).								
		W = $6(0.70+1.20) = 11.40$ @1.065Kg/mtr (3 shutters)	4	11.40		1.065	48.56			
		V = $04(0.35+0.45)$	16	3.20		1.065	54.53			
						Total	103.09	KG	338.00	34845.0
ii	9.47.1	For fixed portion								
		$2(2.00+1.20)=6.40$	4	6.40		1.175	30.08			
		$2(0.60+0.45) = 2.10$	16	2.10		1.175	39.48			
						Total	69.56	KG	331.00	23024.0
19	9.46	Extra for powder coating (minimum 50 micron) on steel sections instead of red oxide zinc chromate primer								
			Qty from Item no.20				172.65			
						Total	172.65	KG	27.00	4662.0
20	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):								
	9.51.1	With float glass panes of 4 mm thickness								
		Window	12	0.70		1.20	10.08			

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
		Ventilator	32	0.35		0.45	5.04			
						Total	15.12	Sqm	611.00	9238.0
21	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.								
		Window	4	2.00	-	1.20	9.60			
		Ventilator	16	0.60		0.45	4.32			
						Total	13.92			
			20	kg/sqm			278.40	kg	67.50	18792.0
22	11.1	6mm thick cement plaster of mix:								
	11.1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)								
		Ceiling	1	11.00	12.70	-	139.70			
			1	11.00	2.10	-	23.10			
						Total	162.80	sqm	87.00	14164.0
23	11.3	15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		Outside wall								
			2	15.50	-	4.90	151.90			
			2	11.40	-	4.90	111.72			
		Deduction				Total (A)=	263.62			
		Door D1	1	2.40	-	2.10	5.04			
		Door D2	3	1.20	-	2.10	7.56			
		Window W	4	2.00	-	1.20	9.60			
		Ventilator	16	0.60	-	0.45	4.32			
						Total (B)=	26.52			
						Total	237.10	sqm	107.00	25370.0
24	11.2	12mm thick cement plaster of mix:								
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		inner wall	8	2.90	-	4.10	95.12			
			2	2.10	-	4.10	17.22			
			6	3.40	-	4.10	83.64			
		Deduction				Total (A)=	195.98			
		Door D1	1	2.40	-	2.10	5.04			
		Door D2	1	1.20	-	2.10	2.52			
		Window W	4	2.00	-	1.20	9.60			
		Ventilator	14	0.60	-	0.45	3.78			
						Total (B)=	20.94			
						Total	175.04	sqm	91.50	16016.0

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
25	12.79 Ammen dment No. 04 263/04 05.201 8	Providing and laying Glazed Vitrified floor tiles (GVT/ PGVT) with digital print of random design with water absorption less than 0.05% and conforming to IS: 15622-2017 of 1st quality of approved make in all colours, shades and size mentioned below (10mm), laid on 20mm thick cement mostar 14 (1 cement: 4 cmorse sand) including grouting the joints with white cement and matching pigments etc. complete.								
	12.79.1	Size 600x600mm thickness 9 to 10mm								
		Hall	1	11.00	12.70		139.70			
		Skirting	1	47.40	-	0.10	4.74			
						Total	144.44	SQM	1082.00	156284.08
26	12.7	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete								
	12.7.2	Size above 200x300mm								
		outer Passage wall	1	11.40	-	2.30	26.22			
			2	2.40	-	2.30	11.04			
		Deduct - door D1	-1	2.40		2.10	-5.04			
		D2	-2	1.20		2.10	-5.04			
		W	-2	2.00		1.20	-4.80			
						Total	22.38	sqm	646.00	14457.0
27	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.								
	12.9.1	Size 300x300mm								
		Passage	1	11.00	2.4		26.40			
						Total	26.40	sqm	692.00	18269.0
28	14.54	Providing and applying Plaster of paris putty over plastered wall surface including scaffolding complete								
		Column area	12	0.50	-	4.10	24.60			
			6	0.30	-	4.10	7.38			
			4	1.20	-	4.10	19.68			
		Beam exposed portion	3	11.00	1.40	-	46.20			
		As per Inner , outer plastering					574.94			
							672.80	SQM	82.00	55170.00

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
29	14.68	Providing and applying on exterior surface with PREMIUM Exterior emulsion paint of required shade to give protective and water proof finish minimum 3 coats applied @1.40 lit/10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D, C (Glossy /Semi Glossy finish) (Product such as Asian Apex, Dulux Weather Shield Prima E900, Berger Weathercoat Antidust, Nerolac Everlas Excel, Nippon Sumo Etra, Opus True flex) inclusive of providing abro tape on edges and articleand cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work. (With 3 Year Warranty.)								
		As per Inner & Ceiling plastering					337.84	SQM	84.00	28379.00
30	14.22	Painting on new work (two or more coats) to give an even shade with:								
	14.22.	Black Japan Paint							120	
	5	5 window grill					13.92	SQM	39.00	543.00
Total Amount -										1564752.98

Detailed Estimate for Construction of First Floor Of Proposed Samudaik Bhawan For Kanwar Samaj at Nagar Panchayat Kasdol

ESTIMATE HAS BEEN PREPARED AS PER
SOR PWD (BUILDING WORKS) W.E.F. 01.01.2015

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
1	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		Column upto Lintle bottom	20	0.30	0.30	2.10	3.78			
			6	0.30	0.70	2.10	2.65			
		Column lintle top to slab bottom	20	0.30	0.30	0.90	1.62			
			6	0.30	0.70	1.20	1.51			
		Lintle Beam								
			3	19.20	0.20	0.20	2.30			
			3	13.10	0.20	0.20	1.57			
			3	3.10	0.20	0.20	0.37			
		Chhajja	1	19.20	0.45	0.100	0.86			
			1	13.10	0.45	0.100	0.59			
		Slab Beam	3	19.80	0.30	0.45	8.02			
			3	13.70	0.30	0.45	5.55			
			3	19.80	0.30	0.70	12.47			
			4	13.70	0.30	0.125	2.06			
		Slab	1	19.80	13.70	0.125	33.91			
						Total	77.26	cum	4163.00	321633.4
2	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
		1st floor					77.26			
						Total	77.26	cum	195.00	15065.7
3	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.5	Columns, Pillars, Piers and likes-rectangular or square in shape								
		Column upto Lintle bottom	20	1.20	-	2.10	50.40			
			6	2.00	-	2.10	25.20			
		Column lintle top to slab bottom	20	1.20	-	1.20	28.80			
			6	2.00	-	1.20	14.40			
						Total	118.80	Sqm	297.00	35284.0
	2.1.8	Beams, lintels, cantilevers & walls								
		Lintle Beam	6	19.20	-	0.20	23.04			
			6	13.10	-	0.20	15.72			
			6	3.10	-	0.20	3.72			
		Slab beam								

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
			6	19.80	-	0.45	53.46			
			6	13.70	-	0.45	36.99			
			6	19.80	-	0.70	83.16			
			8	13.70	-	0.125	13.70			
						Total	229.79	Sqm	202.00	46418.0
2.1.7		Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
		Chhajja	1	19.20	0.45	-	8.64			
		Slab	1	13.10	0.45	-	5.90			
			1	19.80	13.70	-	271.26			
						Total	285.80	Sqm	235.00	67163.0
4	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.1	Thermo-Mechanically treated bars FE 415								
		@ 100 kg per cum of concrete	1	77.26	x	100.0	7726.00			
						Total	7726.00	kg	54.50	421067.0
5	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
		1st floor hall & room	16	3.40	0.20	2.10	22.85			
			14	2.90	0.20	2.10	17.05			
		gallery	2	2.20	0.20	1.00	0.88			
		Deduction				Total (A)=	40.78			
		Door D3	5	0.90	0.20	2.10	1.89			
		D2	1	1.20	0.20	2.10	0.50			
		Window W2	12	1.20	0.20	1.20	3.46			
		Ventilator	19	0.60	0.20	0.45	1.03			
						Total (B)=	6.88			
						Total	33.90	cum	3505.00	118820.0
6	7.11	Half brick thick brick masonry with fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in superstructure above plinth level upto plinth level:								
	7.11.2	Cement Mortar 1:4 (1 cement : 4 coarse sand)								

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
	7.12	Extra for half brick work in superstructure above plinth level for every story or part thereof in addition to rate for upto plinth level:								
		Toilet wall	1	2.30	-	2.1	4.83			
			2	1.50	-	2.1	6.30			
			1	1.20	-	2.1	2.52			
						Total (A)=	13.65			
		Deduction -								
		Door D4	4	0.75		2.10	6.30			
						Total (B)=	6.30			
						Total	7.35	sqm	393.00	2889.0
7	9.16	Providing and fixing M.S. frames of doors, windows, ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.								
	9.16.2	Angle-iron frames								
		Door D3	5	5.10	-	-	25.50			
		Door D2	2	5.40	-	-	10.80			
		Door D4	4	4.95	-	-	19.80			
						Total	56.10	Sqm		
		For Qty of steel= Area x 25.0 kg/Sqm	1	56.10	x	25.00	1402.50			
						Total	1402.50	kg	73.50	103084.0
8	8.12	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.								
	8.12.3	30 mm. thick (single leaf)								
		Door D2	1	1.20		2.10	2.52			
		Door D3	5	0.90		2.10	9.45			
						Total	11.97	Sqm	1832.00	21929.0

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
9	8.151	Providing and fixing factory made P V C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2 Nos of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge								
		Door D4	4	4.95			19.80			
						Total	19.80	Mtr.	346.00	6851.0
10	8.150	Providing and fixing factory made 25mm thick PVC flush door shutters made out of a one piece Multi chamber extruded PVC section of the size of 762mm X 25mm or less as per requirement with an average wall thickness of 1mm \pm 0.3mm. PVC foam end cap of size 23x10mm are provided on both vertical edges to ensure the overall thickness of 25mm. An M.S. tube having dimensions 19mm x 19mm is inserted along the hinge side of the door. Core of the door shutter should be filled with High Density Polyurethane foam. The Top & Bottom edges of the shutter are covered with an end-cap of the size 25mm X 11mm. Door shutter shall be reinforced with special polymeric reinforcements as per manufactures' specification								
		Door D4	4	0.75		2.10	6.30			
						Total	6.30	Sqm	2583.00	16273.0
11	8.99	Providing and fixing M.S. bright finished or black enameled sliding door bolts with bolts, nuts and necessary iron screws:								
			10	-	-	-	10.00	EACH	72.50	725.00
12	8.102	Providing and fixing M.S. bright finished or black enameled Tower bolts (Barrel type) with necessary iron screws:								
		8.102.1)250 mm	10	-	-	-	10.00	EACH	34.50	345.00

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
13	8.90	Providing and fixing 150mm antique/ S.S. finished brass floor door stopper with rubber cushion and antique/ S.S. polished MS screws to suit the shutter thickness.								
			10	-	-	-	10.00	EACH	77.00	770.00
14	8.103	Providing and fixing M.S. bright finished or black enameled handles with necessary iron screws:								
	8.103.1)	125 mm	20	-	-	-	20.00	EACH	51.00	1020.00
15	8.3	Providing 40x5mm iron hold fast 40cm long including fixing to frame with 10mm bolts nuts and wooden plug and embedding in Cement Concrete 1:2:4 in blocks of size 30x10x15cm.								
			20	6	-	-	120.00	EACH	72.50	8700.00
16	9.14	Providing and fixing steel door made of angle iron of suitable sizes with M.S. grill of approved pattern made of M.S. flats or square or round bars coat of red oxide zinc chromate primer.								
		Door D1	1	1.20	-	2.1	2.52			
						Total	2.52	Kg	79.50	200.0
17	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing and panelling to be paid for separately)								
i	9.47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).								
		6(0.60+1.20) = 10.80 @1.065Kg/mtr	12	10.80		1.065	138.02			
		4(0.30+0.45)=3.00	19	3.00		1.065	60.71			
						Total	198.73	KG	338.00	67170.0
ii	9.47.1	For fixed portion								

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
		2(1.20+1.20)=4.80	12	4.80		1.175	67.68			
		2(0.60+0.45) = 2.10	19	2.10		1.175	46.88			
						Total	114.56	KG	331.00	37920.0
18	9.46	Extra for powder coating (minimum 50 micron) on steel sections instead of red oxide zinc chromate primer								
						Qty from Item no.20	313.29			
						Total	313.29	KG	27.00	8459.0
19	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):								
	9.51.1	With float glass panes of 4 mm thickness								
		Window	12	1.20		1.20	17.28			
		Ventilator	19	0.60		0.45	5.13			
						Total	22.41	Sqm	611.00	13693.0
20	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.								
		Window	12	1.20	-	1.20	17.28			
		Ventilator	19	0.60		0.45	5.13			
						Total	22.41	kg		
						20kg/Sqm	448.20	kg	67.50	30254.0
21	11.1	6mm thick cement plaster of mix:								
	11.1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)								
		Ceiling	4	3.55	3.10	-	44.02			
		vip room	1	7.55	3.10	-	23.41			
			1	3.10	6.10	-	18.91			
		hall	1	15.00	9.40	-	141.00			
		Gallery	1	11.00	2.20	-	24.20			
						Total	251.54	sqm	87.00	21884.0
22	11.3	15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		Outside wall								
			2	19.20	-	4.10	157.44			
			2	13.10	-	4.10	107.42			
		parapet	1	64.60	-	1.00	64.60			
		Deduction				Total (A)=	329.46			
		Door D2	1	1.20	-	2.10	2.52			
		Window W2	12	1.20	-	1.20	17.28			
		Ventilator	19	0.60	-	0.45	5.13			
						Total (B)=	24.93			
						Total	304.53	sqm	107.00	32585.0

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
23	11.2	12mm thick cement plaster of mix:								
	11.2.4	In Cement Mortar 1.6 (1 cement : 6 fine sand)								
		inner wall								
		Room	10	3.10	-	3.50	108.50			
			14	3.55	-	3.50	173.95			
			2	15.00	-	3.50	105.00			
			2	9.40	-	3.50	65.80			
			2	2.30		2.10	9.66			
			4	1.20	-	2.10	10.08			
			2	1.50	-	2.10	6.30			
		Deduction				Total (A)=	479.29			
		Door D3	5	0.90	-	2.10	9.45			
		Door D4	4	0.75	-	2.10	6.30			
		Window W	5	1.20	-	1.20	7.20			
		Ventilator	12	0.60		0.45	3.24			
						Total (B)=	26.19			
						Total	453.10	sqm	91.50	41459.0
24	12.76	Providing and laying Glazed Vitrified floor tiles (GVT/ PGVT) with digital print of random design with water absorption less than 0.05% and conforming to IS: 15622-2017 of 1st quality of approved make in all colours, shades and size mentioned below (10mm), laid on 20mm thick cement mostar 14 (1 cement: 4 cmorse sand) including grouting the joints with white cement and matching pigments etc. complete.								
	12.76.1	Size 600x600mm thickness 9 to 10mm								
		Hall	1	15.00	9.40		141.00			
		Room	3	3.55	3.10		33.02			
		VIP Room	1	7.55	3.10		23.41			
			1	3.10	6.10		18.91			
		Skirting	1	97.60	-	0.10	9.76			
						Total	226.10	SQM	964.00	217960.40
25	12.7	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete								
	12.7.2	Size above 200x300mm								
		Toilet walls	4	2.30	-	2.10	19.32			
			8	1.20	-	2.10	20.16			
			4	1.50		2.10	12.60			
		Deduct door	-4	0.75		2.10	-6.30			
						Total	45.78	sqm	646.00	29574.0

Detailed Estimate for Repairing & Development of Existing Building at Proposed Samudaik Bhawan

ESTIMATE HAS BEEN PREPARED AS PER SOR PWD (BUILDING WORKS) W.E.F. 01.01.2015

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
1	16.42	Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metre lead. Existing Building slab Slab								
			1	7.80	13.10	0.12	12.26			
		Slab Beam	4	7.80	0.30	0.30	2.81			
			2	13.10	0.30	0.30	2.36			
		door beam	4	7.80	0.20	0.20	1.25			
			4	3.50	0.20	0.20	0.56			
						Total	19.24	Cum	768.00	14776.0
2	16.3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead.								
	16.3.3	In cement mortar. above Lintle	4	7.80	0.20	1.00	6.24			
			2	13.10	0.20	1.00	5.24			
						Total	11.48	Cum	263.00	3019.0
3	16.28	Taking out door shutters (steel or wood) including stacking within 50 metres lead								
			4	-	-	-	4.00			
						Total	4.00	each	46.50	186.0
4	16.29	Taking out window shutters (steel or wood) including stacking within 50 metres lead								
			4	-	-	-	4.00			
						Total	4.00	each	33.50	134.0
5	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.8	Beams, lintels, cantilevers & walls Lintle beam								
			4	7.80	-	0.20	6.24			
			4	3.50	-	0.20	2.80			
		Slab beam								
			4	8.25	-	0.45	14.85			
			4	3.50	-	0.45	6.30			
			4	13.70	-	0.45	24.66			
			2	7.80	-	0.45	7.02			
						Total	61.87	Sqm	202.00	12498.0
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
		Slab								
			1	13.70	8.25	-	113.03			
			2	13.70	-	0.125	3.43			
			2	-	8.25	0.125	2.06			
						Total	118.52	Sqm	235.00	27852.2
6	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		Lintle Beam	2	8.90	0.20	0.20	0.71			
			4	3.50	0.20	0.20	0.56			
		Slab Beam	2	8.25	0.30	0.45	2.23			
			2	3.50	0.30	0.45	0.95			
			2	13.70	0.30	0.45	3.70			
			1	7.80	0.30	0.45	1.05			
		Slab	1	13.70	8.25	0.125	14.13			
						Total	23.33	cum	4163.00	97122.8
7	3.4	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
		Qty Above Plinth					23.33			
						Total	23.33	cum	97.50	2274.7
8	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.1	Thermo-Mechanically treated bars FE 415								
		@ 800 kg per cum of concrete	1	23.33	x	80.0	1866.40			
						Total	1866.40	kg	54.50	101719.0
9	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
		Height Extension	8	3.45	0.20	0.50	2.76			
			10	2.90	0.20	0.50	2.90			
		Above Lintle beam	8	3.45	0.20	1.20	6.62			
			10	2.90	0.20	1.20	6.96			
						A=	19.24			
		Deductions:								
		Ventilator	4	0.60	0.20	0.45	0.22			
						B=	0.22			
						Total	19.02	cum	3384.00	64377.0
10	11.1	6mm thick cement plaster of mix:								
	11.1.1	In Cement mortar 1:3 (1 cement : 3. fine sand)								
		Ceiling	1	7.40	12.70		93.98			
						Total	93.98	Sqm	93.00	8740.0
11	11.2	12mm thick cement plaster of mix:								
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		inner wall (Only extended portion)	8	7.40	-	1.80	106.56			

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
			4	12.70	-	1.80	91.44			
						A	198.00			
		Deductions (Only extended portion)								
		Door D3	4	0.90		0.50	1.80			
		Window	4	1.20		0.50	2.40			
			4	0.60		0.45	1.08			
						B=	5.28			
						Total	192.72	sqm	91.50	17634.0
11	11.3	15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		Outer wall (Only extended portion)	2	7.80		2.25	35.10			
			1	12.70		2.25	28.58			
		Deduct door D (Only extended portion)	-4	0.90	-	0.50	-1.80			
			-4	1.20		0.50	-2.40			
			-4	0.60	-	0.45	-1.08			
						Total	58.40	sqm	107.00	6248.0
12	14.11	Wall painting with acrylic luxury emulsion (plastic) paint of required shade to give an even shade.								
	14.11.1	On new work (Three or more coats)								
		Ceiling	1	7.40	12.70		93.98			
		inner	8	7.40	-	3.50	207.20			
			4	12.70	-	3.50	177.80			
		outer	2	7.80	-	4.10	63.96			
			1	12.70	-	4.10	52.07			
						Total	595.01	sqm	79.00	47006.0
13	17.2	Providing and fixing 16 mm M.S. Fan clamps of standard shape and size in existing R.C.C. slab including cutting chase and making good and painting exposed portion of the clamps complete.								
			6				6.00			
						Total	6.00	each	144.00	864.0
14	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
			4	3.60	3.10	0.20	8.93			
		Floor hight Extension hall	1	7.20	6.10	0.20	8.78			
						Total	17.71	cum	371.00	6570.0
15	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
			4	3.60	3.10	0.10	4.46			
			1	7.20	6.10	0.10	4.39			
						Total	8.85	cum	2970.00	26285.0

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
16	12.79 Amendment No 04 263/04.0 5.2018	Providing and laying Glazed Vitrified floor tiles (GVT/ PGVT) with digital print of random design with water absorption less than 0.05% and conforming to IS: 15622-2017 of 1st quality of approved make in all colours, shades and size mentioned below (10mm), laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.								
	12.79.1	Size 600x600mm thickness 9 to 10mm								
			4	3.60	3.10				44.64	
			1	7.20	6.10				43.92	
		Skirting	4	13.40		0.10			5.36	
			1	20.5		0.10			2.05	
						Total	95.97	SQM	1082.00	103839.54
									Total	541145.21
		Sub Engineer							CMO	
		Nagar Panchayat Kasdol							Nagar Panchayat Kasdol	

**Detailed Estimate for Construction of Pathway at Proposed Samudaik Bhawan For Kanwar Samaj
at Nagar Panchayat Kasdol**

ESTIMATE HAS BEEN PREPARED AS PER SOR PWD (BUILDING WORKS) W.E.F. 01.01.2015

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soil								
		Total Length	1	23.00	5.00	0.10	11.50			
			1	12.00	3.00	0.10	3.60			
			1	18.00	11.50	0.10	20.70			
						Total	35.80	Cum	185.00	6623.0
2	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
			1	23.00	5.00	0.10	11.50			
			1	12.00	3.00	0.10	3.60			
			1	18.00	11.50	0.10	20.70			
						Total	35.80	cum	371.00	13282.0
3	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
			1	23.00	5.00	0.10	11.50			
			1	12.00	3.00	0.10	3.60			
			1	18.00	11.50	0.10	20.70			
						Total	35.80	cum	2970.00	106326.0
4	12.65	Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3mm thick filled by fine sand including leveling with surface vibrator, temping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm								
	12.65.2	Pigment Coloured (rubber mould) precast interlock concrete blocks								
			1	23.00	5.00		115.00			
			1	12.00	3.00		36.00			
			1	18.00	11.50		207.00			
						Total	358.00	sqm	632.00	226256.0
									Total Amount =	352487.0
									Say in Lakhs	3.52

for Packing

⑤ Pcc (m-20) → $(1 \times 2)(23.0 + 12.0 + 18.0) \times 0.10 \times 0.10 = 1.06 @ 4073.0 = 4317.0$

⑥ (formwork) → $(1 \times 2)(23.0 + 12.0 + 18.0) \times 0.10 = 10.60 @ 139.0 = 1473.40$

358277.40

Sub Engineer
Nagar Panchayat Kasdol

C.N.O.
Nagar Panchayat Kasdol

Estimate for construction of Stage inside Hall of Proposed Samudaik Bhawan

ESTIMATE HAS BEEN PREPARED AS PER SOR PWD (BUILDING WORKS) W.E.F. 01.01.2015

Sno	Code	Particulars	No	L	B	H/D	Qty	Unit	Rate	Amount
1	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		stage outer support	2	3.65	0.30	0.15	0.33			
			1	5.20	0.30	0.15	0.23			
		Below steps	2	2.40	0.90	0.15	0.65			
						Total	1.21	cum	2970.00	3594.0
2	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)								
	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
		above plinth	2	3.65	0.30	0.70	1.53			
			2	5.20	0.30	0.70	2.18			
		steps	2	2.40	0.30	0.20	0.29			
			2	2.40	0.60	0.20	0.58			
			2	2.40	0.90	0.20	0.86			
						Total	5.44	cum	3384.00	18409.0
3	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.								
			2	3.65	0.30	0.05	0.11			
			2	5.20	0.30	0.05	0.16			
						Total	0.27	cum	4237.00	1144.0
4	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		In Footing	1	4.60	3.35	0.80	12.33			
						Total	12.33	cum	371.00	4574.0
5	11.3	15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		stage wall	2	3.65	-	0.90	6.57			
			1	5.20	-	0.90	4.68			
		steps sides	4	0.90	-	0.60	2.16			
						Total	13.41	sqm	107.00	1435.0

