DETAILED ESTIMATE AND BOQ

Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality Sukhad, Kailali

VOLUME III : DETAILED ESTIMATION & BOQ



Submitted to: Ghodaghodi Municipality Sukhad, Ghodaghodi

Submitted By: Krithya Studio Pvt. Ltd. Teku, Kathmandu, Tel. No. 9801168688

Ghodaghodi Municipality Sukhad, Kailali

Cost Estimate Summary Chart

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

S.N	Description of work	Amount	Remarks
Α	Building and Land Development Cost		
i	Civil Works	82,399,182.68	
ii	Electrical Works	2,976,430.88	
iii	Water supply and Sanitary Works	6,619,181.11	
	Sub Total A	91,994,794.67	
В	5 % contingencies of E Total Rs	4,599,739.73	
С	13% VAT of G Total RS	11,959,323.31	_
	Grand Total	108,553,857.71	

In NRs Ten Crores, Eighty Flve Lakhs, Fifty Three Thousand, Eight hundred, Fifty seven rupees and seventy one paisa only words:

Estimate By :- Checked By :- Approved By :-

Ghodaghodi Municipality Sukhad, Kailali

Blockwise Summary Chart

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

S.N	Description of work	Civil	Electrical	Sanitary	Total Amount	Remarks
Α	Building and Land Development Cost					
1	Site Development	15,089,902.82	1,016,787.88	2,237,460.28	18,344,150.98	
2	Community Building	16,847,544.91	410,016.93	-	17,257,561.84	
3	Temple and Sita kuwa	1,095,158.95	-	-	1,095,158.95	
4	Ticket Counter	1,196,015.74	85,024.97	-	1,281,040.71	
5	Gazebo Shed	5,415,839.13	-	-	5,415,839.13	
6	Guard House	998,262.21	62,570.83	152,736.54	1,213,569.58	
7	Chautari	1,109,964.66	-	-	1,109,964.66	
8	Central Flag space	1,785,572.62	28,734.02	-	1,814,306.64	
9	Aarati Space	1,696,489.13	49,665.48	-	1,746,154.61	
10	Museum plaza	8,439,156.95	654,672.90	-	9,093,829.85	
11	Water pond	3,545,862.76	-	384,451.91	3,930,314.67	
12	Pavillion	3,680,780.20	-	-	3,680,780.20	
13	Main gate	3,820,858.59	-	-	3,820,858.59	
14	Toilet	10,052,379.98	570,199.12	1,375,561.96	11,998,141.06	
15	Generator House	1,504,086.23	83,067.01	-	1,587,153.24	
16	Water tap	298,328.64	-	813,263.44	1,111,592.08	
17	Underground water tank	2,215,443.73	15,691.74	181,162.78	2,412,298.25	
18	Overhead water tank	1,611,334.89	-	965,668.68	2,577,003.57	
19	Septic tank, Soak pit and manhole	1,996,200.54	-	508,875.52	2,505,076.06	
	Sub Total A	82,399,182.68	2,976,430.88	6,619,181.11	91,994,794.67	
В	5% contingencies of A Total Rs				4,599,739.73	
С	13% VAT of G Total RS				11,959,323.31	
		•	•	Grand Total	108,553,857.71	

Estimate By :- Checked By :- Approved By :-

Ghodaghodi Municipality Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

Item No.	Description	Unit	Quantity	Rate in No.	Rate in Words	Amount (NRs.)	Remarks
	CIVIL WORKS						
1.0	SITE CLEARANCE AND LAYOUT						
	Clearing the site by removing the bushes, trees, concrete pavement and hard surface whatever at site up to its root depth including the layout work, marking the trench, construction of permanent reference points along each grid precisely in line and level and including construction of all necessary staff and labor facilities.	Sq.m	8,669.66				
2.0	EARTHWORK IN EXCAVATION	-	-				
	Excavation in foundations in all type of soils for foundation, trenches, footing, pits etc. to the required depth including dewatering by manual or mechanical means etc. as per specifications with all contractor's own machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth within 50m all complete as per drawings, specifications and instructions of the Engineer.	Cu.m	3,012.23				
3.0	BACK FILLING & DISPOSAL OF EXCESS SOIL	-					
3.1	Back filling in foundation and sides of foundation with approved soil obtained from the excavation at site and stacked at site or brought from outside in layer not exceeding 30 cm thick (compacted thickness) including transportation of soil, spreading in required line and level, sprinkling water, ramming, compacting with mechanical rammers, testing, etc., all complete as per drawing, specification and instructions of the Engineer.	Cu.m	2,044.93				
4.0	BRICK/BOULDER SOLING	-	-				
4.1	Providing and soiling with first class chimney made brick on flat in floor of building as per drawings, specification and instruction of the consultant/Engineer, all complete.	Sq.m	6,040.97				

	Bill of Quo		ı	Int t	Data ta	A	T
Item No.	Description	Unit	Quantity	Rate in No.	Words	Amount (NRs.)	Remarks
4.2	Providing and laying uncoursed hand packed Dry Rubble Stone soling in foundation, floors of building, retaining wall, steps and ramps with out any special dressing of stone including filling interstices with suitable quarry waste or stone chips or quarry sand, watering, compacting using appropriate mechanical compaction means with all contractors materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer. The complete item including all lead & lift.	Cu.m	429.16				
5.0	SAND FILLING	-	-				
	Filling sand in floor by sprinkling of water and compaction by labour including lead from 30 m distance as per drawing specification and instruction of the Consultant/Engineer all complete.		133.01				
6.0	GRAVEL FILLING	-	-				
	Filling gravel in floor by sprinkling of water and compaction by labour including lead from 30 m distance as per drawing specification and instruction of the Consultant/Engineer all complete.		168.00				
7.0	500 MICRON POLYTHENE SHEET	-	-				
	Supplying and laying 500 micron tear proof good quality polythene above the compacted brick soling. The overlaping of the sheet must be more than 230mm in all side to prevent moisture throught it. The cost should be inclusive of all material and labour cost, as per design drawing, specification and instruction of the Engineer, all complete.	Sq.m	283.19				
8.0	BRICK/ STONE MASONRY WORKS	-	-				
8.1	BRICK MASONRY WORKS (1:6 c/s) UPTO GF	-	-				
	Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:6 (1 cement : 6 coarse sand) in foundation up to ground floor including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	cu.m	695.62				
8.2	BRICK MASONRY WORKS (1:6 c/s) ABOVE GF	-	-				
	Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:6 (1 cement : 6 coarse sand) above ground floor including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	Cu.m	78.99				
8.3	BRICK MASONRY WORKS (1:4 c/s) UPTO GF	-	-				
	Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:4 (1 cement : 4 coarse sand) in foundation up to ground floor including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	Cu.m	82.07				

iding and laying Random Rubble stone masonry works undation upto plinth in 1:6 (1 cement : 6 sand) cement are including providing through/bond stone at ired interval including providing single or multi-stage standing scaffolding, curing, protection, etc., all plete as per drawings, specifications and instruction e engineer.	Cu.m	730.07	No.	Words	(NRs.)	
undation upto plinth in 1:6 (1 cement: 6 sand) cement are including providing through/bond stone at ired interval including providing single or multi-stage standing scaffolding, curing, protection, etc., all plete as per drawings, specifications and instruction e engineer.	Cu.m	730.07				
ICRETE WORKS						
	-	-				
C (1:3:6) Works	-	-				
iding and laying machine mixed Plain Cement crete of nominal mix 1:3:6, (1 cement : 3 sand : 6 is e aggregate) M10 grade for leveling course in dations and under floor of building, etc. in all level broken stone aggregate of size not more than 25 mm approved quality including formwork wherever essary, dewatering, batching, mixing, transporting, ing, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the uctions of the Engineer.		372.62				
C (1:2:4) Works	-	-				
iding and laying machine mixed Plain Cement crete of nominal mix 1:2:4, (1 cement : 2 sand : 4 see aggregate) M15 grade for leveling course in dations and under floor of building, etc. in all level broken stone aggregate of size not more than 25 mm approved quality including formwork wherever essary, dewatering, batching, mixing, transporting, ing, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the uctions of the Engineer.		340.59				
C. FOR R.C.C. (1:1.5:3) WORKS		-				
iding and laying in position machine mixed and thine vibrated cement concrete of mix 1:1.5:3 (1 tent:1.5 sand: 3 coarse aggreagate) M20 grade for orced cement concrete work using approved cement 20 mm graded machine crushed stone aggregate of roved quality in various locations and heights ading transportation of concrete to site of placing, paction, finished to required line and level, protection curing, etc. all complete as per drawings, distinctions and the instructions of the Engineer, but buding the cost of centering, shuttering, and orcement all complete as per drawings, specifications instructions of the Engineer.	Cu.m	510.94				
M WORKS	-	-				+
cresed by a long second	rete of nominal mix 1:3:6, (1 cement: 3 sand: 6 eraggregate) M10 grade for leveling course in ations and under floor of building, etc. in all level proken stone aggregate of size not more than 25 mm pproved quality including formwork wherever stary, dewatering, batching, mixing, transporting, and, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the actions of the Engineer. (1:2:4) Works Iting and laying machine mixed Plain Cement rete of nominal mix 1:2:4, (1 cement: 2 sand: 4 eraggregate) M15 grade for leveling course in ations and under floor of building, etc. in all level proken stone aggregate of size not more than 25 mm proved quality including formwork wherever stary, dewatering, batching, mixing, transporting, and, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the actions of the Engineer. FOR R.C.C. (1:1.5:3) WORKS Iting and laying in position machine mixed and ine vibrated cement concrete of mix 1:1.5:3 (1 nt:1.5 sand: 3 coarse aggregate) M20 grade for reced cement concrete work using approved cement on machine mixed and line vibrated cement concrete to site of placing, action, finished to required line and level, protection curing, etc. all complete as per drawings, ications and the instructions of the Engineer, but ding the cost of centering, shuttering, and rement all complete as per drawings, specifications astructions of the Engineer.	rete of nominal mix 1:3:6, (1 cement : 3 sand : 6 e aggregate) M10 grade for leveling course in ations and under floor of building, etc. in all level proken stone aggregate of size not more than 25 mm pproved quality including formwork wherever stary, dewatering, batching, mixing, transporting, and, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the extinos of the Engineer. (1:2:4) Works - (rete of nominal mix 1:3:6, (1 cement : 3 sand : 6 e aggregate) M10 grade for leveling course in ations and under floor of building, etc. in all level proved quality including formwork wherever sary, dewatering, batching, mixing, transporting, ag, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the etions of the Engineer. (1:2:4) Works Ing and laying machine mixed Plain Cement rete of nominal mix 1:2:4, (1 cement : 2 sand : 4 e aggregate) M15 grade for leveling course in ations and under floor of building, etc. in all level proken stone aggregate of size not more than 25 mm provved quality including formwork wherever sary, dewatering, batching, mixing, transporting, ag, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the etions of the Engineer. FOR R.C.C. (1:1.5:3) WORKS	rete of nominal mix 1:3:6, (1 cement : 3 sand : 6 e aggregate) M10 grade for leveling course in ations and under floor of building, etc. in all level proved a quality including formwork wherever sary, dewatering, batching, mixing, transporting, ag, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the citions of the Engineer. (1:2:4) Works ling and laying machine mixed Plain Cement rete of nominal mix 1:2:4, (1 cement : 2 sand : 4 e aggregate) M15 grade for leveling course in ations and under floor of building, etc. in all level provides a stone aggregate of size not more than 25 mm proved quality including formwork wherever sary, dewatering, batching, mixing, transporting, ag, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the citions of the Engineer. FOR R.C.C. (1:1.5:3) WORKS The control of concrete of mix 1:1.5:3 (1 in 1:1.5 sand: 3 coarse aggregate) M20 grade for reced cement concrete work using approved cement on mm graded machine crushed stone aggregate of wed quality in various locations and heights ling transportation of concrete to site of placing, action, finished to required line and level, protection curing, etc. all complete as per drawings, ications and the instructions of the Engineer, but ding the cost of centering, shuttering, and recement all complete as per drawings, specifications instructions of the Engineer.	rete of nominal mix 1:3:6, (1 cement : 3 sand : 6 e aggregate) M10 grade for leveling course in attions and under floor of building, etc. in all level broken stone aggregate of size not more than 25 mm pproved quality including formwork wherever sary, dewatering, batching, mixing, transporting, and compacting, curing, including all lead and lift, and complete as per drawings, specifications and the etions of the Engineer. (1:2:4) Works Ing and laying machine mixed Plain Cement rete of nominal mix 1:2:4, (1 cement : 2 sand : 4 re aggregate) M15 grade for leveling course in ations and under floor of building, etc. in all level rocken stone aggregate of size not more than 25 mm pproved quality including formwork wherever sary, dewatering, batching, mixing, transporting, and, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the etions of the Engineer. FOR R.C.C. (1:1.5:3) WORKS Ing and laying in position machine mixed and aine vibrated cement concrete of mix 1:1.5:3 (1 nt:1.5 sand: 3 coarse aggreagate) M20 grade for roced cement concrete work using approved cement 0 mm graded machine crushed stone aggregate of owed quality in various locations and heights ling transportation of concrete to site of placing, action, finished to required line and level, protection curing, etc. all complete as per drawings, specifications astructions of the Engineer.	rete of nominal mix 1:3:6, (1 cement : 3 sand : 6 e aggregate) M10 grade for leveling course in ations and under floor of building, etc. in all level roken stone aggregate of size not more than 25 mm proved quality including formwork wherever sary, dewatering, batching, mixing, transporting, gr. compacting, curing, including all lead and lift, all complete as per drawings, specifications and the etions of the Engineer. (1:2:4) Works Initia and laying machine mixed Plain Cement rete of nominal mix 1:2:4, (1 cement : 2 sand : 4 e aggregate) M15 grade for leveling course in adians and under floor of building, etc. in all level toroken stone aggregate of size not more than 25 mm proved quality including formwork wherever sary, dewatering, batching, mixing, transporting, and, compacting, curing, including all lead and lift, all complete as per drawings, specifications and the etions of the Engineer. FOR R.C.C. (1:1.5:3) WORKS

Item	BIII OI QUU		I	Rate in	Pato in	Amount	
No.	Description	Unit	Quantity	No.		(NRs.)	Remarks
	Supplying and laying centering, shuttering of various pattern formworks with 19mm thick water proof ply wood & steel adjustable props for all kinds of RCC works for foundations, columns, shear walls, beams, slab, staircase, lintel, sill, pergola, including nails, propping scaffolding, staging, supporting and bracing in proper lines and level, sealing the joints with heavy duty brown self adhesive tape, aligning to line and levels including Ties, PVC Spacer, Providing openings/ cutouts/ pockets, applying De-shuttering chemical, De-shuttering as approved by the Engineer etc., complete at all levels as per drawing, specifications and instructions of the Engineer.	Sq.m	4,164.10				
11.0	STEEL REINFORCEMENT	-	-				
	Providing and fixing in position Fe 500 steel reinforcement of various diameter confirming to relevant IS code in R.C.C. works including straightening, cutting, bending, binding with 20 SWG annealed wire for tying the reinforcement bars at each junctions (binding wire shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as per drawings, specifications and instructions of the Engineer. (Authorized lap length and for the bar length exceeding 10 meter in length shall be measured for the payment).	Kg	63,547.14				
12.0	FLOORING AND FINISHING WORKS	_	-				
12.1	38mm thick P.C.C. in (1:2:4) with cement punning (1:1) for flooring work with approved floor hardener (Dreitop FH,Mapetop,Fairtop,Sika Chapddur or equivalent floor hardener) with approved quality cement, sand & aggregare 12mm and down grade including mixing,laying curing all complete work as per specification	Sq.m	847.83				
12.2	50 mm thick P.C.C. in (1:2:4) with cement punning (1:1) for flooring work with approved floor hardener (Dreitop FH,Mapetop,Fairtop,Sika Chapddur or equivalent floor hardener) with approved quality cement, sand & aggregare 12mm and down grade including mixing,laying curing all complete work as per specification	Sq.m	1,143.57				
12.3	Providing and laying of 3mm thick cement and sand punning in 1:1 cement sand ratio on floors, skirting, dado etc. including claening, watering in surface and rubbing with steel trowel for hard and smooth surface and curing all complete as per drawing, specification and instructions of the Engineer.	Sq.m	526.23				
12.4	Providing and Laying 6mm.th.porcelain glazed/non glazed tiles on walls and floor of approved colored laid with cement sand mortar (1:4) finished with white cement including polishing all complete as per specification and instruction of site Engineer.	-	-				
12.4.1	Glazed tile on wall	Sq.m	687.49				
12.4.2	Non-glazed tile on floor	Sq.m	100.49				

Item	Bill of Quo	<u> </u>	_ ,	Rate in	Rate in	Amount	I
No.	Description	Unit	Quantity	No.	Words	(NRs.)	Remarks
12.5	Providing and Laying kotastone on walls and floor of approved colored laid with cement sand mortar (1:4) finished with grouting including polishing all complete as per specification and instruction of site Engineer.	Sam	537.76				
12.6	Providing and Laying granite on walls and floor of approved colored laid with cement sand mortar (1:4)finished with grouting including polishing all complete as per specification and instruction of site Engineer.	Sam	281.32				
12.7	Providing and laying slates on roof with nails and adhesives all complete as per specification and instruction of site Engineer.		476.85				
12.8	Providing and laying flagstone 25mm-37.5 mm cladding on wall with cement sand mortar (1:4) finished including the cost of single or multi stage scaffolding, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	Sq.m	292.74				
12.9	Providing and laying flagstone 50 mm with cement sand mortar (1:4) including claening, watering in surface and rubbing with steel trowel for hard and smooth surface and curing all complete as per drawing, specification and instructions of the Engineer.	Sq.m	1,066.00				
13.0	WATER PROOFING TREATMENT	-	-				
	Elastocrete cementitious elastometric water proofing coating 2 components capacity per kg 6 sq.ft 2 coat including supply and applying all complete work as per drawing, specification and direction of the engineer.	Sam	562.98				
14.0	PLASTERING WORKS	-	-				
14.1	12.5mm. Th. Cement sand plaster (1:3) work on ceiling surfaces of good finish in perfect line level and plumb including grooving in plaster whrever shown in drawings including chiselling racking the joints, wetting the surface and curing the work all complete as per specification and instruction of the consultant/engineer all complete	Sq.m	1,030.43				
14.2	12.50mm. Th. Cement sand plaster (1:4)work on building inner and outer surfaces of good finish in perfect line level and plumb including grooving in plaster wherever shown in drawings including chiselling racking the joints, wetting the surface and curing the work all complete as per specification and instruction of the consultant/engineer all complete	Sq.m	5,427.58				
14.3	20mm. Th. Cement sand plaster (1:4)work on floor (Riser,tread,drain, apron,manhole,septic tank,inner wall and floor of water tank))with approved floor hardener (Dreitop FH,Mapetop,Fairtop,Sika Chapdur or equivalent floor hardener) of good finish in perfect line level including grooving in plaster wherever shown in drawings including chiselling racking the joints, wetting the surface and curing the work all complete as per specification and instruction of the consultant/engineer all complete	Sq.m	277.19				

	Bill of Quo	411111y	1			T.	_
Item No.	Description	Unit	Quantity	Rate in No.	Rate in Words	Amount (NRs.)	Remarks
14.4	3/4X1.5" thick pani patti in cement sand mortar(1:3) in cantiliver portion of slab in perfect line and level racking the joints, wetting the surface and curing the work all complete as per specification and instruction of the consultant/engineer all complete	Rm	332.65				
14.5	2mm thick plain white putty plaster work at ceiling and wall with clear line and levelled	Sq.m	97.68				
15.0	DOORS AND WINDOWS	-	-				
15.1	Providing and fixing in position wooden frames in doors and wondows of specified section (75*100 mm) of seasoned salwood assembled with wooden nails including cost of hold fast, screws etc and applying two coats of bitumen paint to the surface contacting to walls or other works etc all complete as per drawings, specification and instruction of the Engineer.	Cu.m	0.55				
15.2	Making, fitting & fixing pannel carved door shutter including all necessary approved quality of hardware fittings all complete as per drawings, specification and instruction of the Engineer.	Sam	23.25				
15.3	Wooden Column carving work excluding wood	Sq.m	0.78				
16.0	ALUMINIUM DOOR	-	-				
	Providing and fixing Single Panel Casement (Hinged) Door of aluminum section in natural or color anodized/powder coated color Section size (101×45×1.5 mm) fitted with 5 mm clear glass or 9 mm both side laminated board all complete.	Sq.m	56.21				
17.0	ALUMINIUM WINDOW	-	-				
	Providing and fixing 2 track in sliding window of aluminum section in naturally anodized or black anodized/powder coated color, Section size (97x40x1.2 mm) fitted with 5 mm clear glass with out fly mesh shutter all complete.		88.20				
18.0	PAINT WORKS	-	-				
18.1	DISTEMPER PAINT	-	-				
	Providing and applying two or more coats of washable distemper paint of approved manufacturer and shade over a coat of alkali resistant cement primer of approved manufacturer as per manufacturer's specifications to the surface of wall, ceiling, beams columns, canopies, staircase, lobbies etc., all complete as per drawings, specifications and instruction. The rates shall include for scraping, washing the surface with water, surface preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the Engineer.	\$q.m	2,779.04				
18.2	EXTERIOR WEATHER PAINT	-	-				
	Painting on Exterior Wall surface with two coats of weather coat (Must be ISO 9001 : 2000 certified company) of approved color and shade over one coat of primer to give uniform coloring and quality floss finish after proper surface preparation, all complete as per drawing, specification and instruction of the Engineer, all complete.	Sq.m	3,717.45				

	Bill of Quo	1111111	1	I	I	T	
Item No.	Description	Unit	Quantity	Rate in No.	Rate in Words	Amount (NRs.)	Remarks
18.3	ENAMEL PAINT	-	-				
	Two coats of ready made Enamel paints of approved colour over one coats of primer painting over properly sanded wooden surface and MS circular pipe railing all complete as per specification and instruction of the engineer.	Sq.m	954.37				
18.4	CHAPRA POLISH	-	-				
	Three coats of chapra polish over properly sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer.		58.80				
19.0	METAL WORK	-	-				
	Supplying fitting and fixing MS circular/square pipe(medium size) with necessary base plates along with primer paint all complete as per drawing specification and instruction of site engineer	Ka	15,896.76				
20.0	GRILL WORK	-	-				
	Supply, fabrication and fixing in position of MS Grills for Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*20mm MS Strip Frame, Horizontal Spacing of Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have maximum 300mm clear spacing with each pair, painted with aluminium Paint all complete and as per the approval of Site Engineer	Sq.m	39.20				
21.0	UPVC ROOFING WORK	_	_				
21.1	3mm UPVC sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping screw 3",clips etc as per drawing & instruction of the Engineer, all complete.		639.83				
21.2	3 mm thick colured UPVC ridge cover(regular/tile) for roof including fixing in proper shape & size with all necessary self tapping srrew, clips etc as per drawing & instruction all complete	Pm	325.15				
22.0	ROOF TRUSS	-	-				
0.0	Providing and fixing tubular roof trusses with rafters, purlins, wind ties, brackets etc., made with medium class mild steel tubes and mild steel sections of required sizes, including hoisting, fixing in position with MS bed plates, shoe angles, anchor bolts etc., and concrete grouting, concreting nut bolts, fabrication, fixing and treated with two coats of anticorrosive paints all complete as per drawings, specifications and instructions of the Engineer. Rate shall include preparing shop drawings, obtaining Engineer's or Client's approval, supplying, fabricating, delivering at site, hoisting and fixing in position, temporary staging, preparation of surface, applying Zinc chromate/Phosphate primer of one coat before and one coat after erection including two coats of synthetic enamel paint of approved make and color etc. all complete as per drawing, specification and instruction of the Engineer.	Kg	16,010.15				
	GYPSUM BOARD FALSE CEILING	_					

Item	Description	Unit	Quantity	Rate in	Rate in	Amount	Remarks
No.	·		Quantity	No.	Words	(NRs.)	Kemarks
	Supplying and Installation of 12 mm th. Gypsum board False Ceiling with GI framing and all accessories complete as per drawing, specification and instruction of the consultant/Engineer all complete	-	97.68				
24.0	Supplying & fitting 50mm dia. Black iron pipe post c/c 2.0m, 20*20*4mm & 25*25*4mm size mid angle frame for 10 S.W.G.G.I chain link 2"*2" mesh size & 3*20 angle fabrication 0.15m fitting all complete.	Sam	66.60				
25.0	febrication 0.15m fitting all complete. MAIN ENTRANCE GATE	_	_				
20.0	Providing and fixing mild steel angle (bracing) 50x50x5						
	mm, 16 gauge MS sheets and mild steel sqaure pipes treated with one coats of primer and two coats of enamel paints, all complete as detailed in drawing, specification and instructions of the Engineer.	Sq.m	62.82				
26.0	Site clearance work before starting the work and after completion of work including disposing of unused materials away from site and proper levelling all complete as per instruction of site technician.	15	1.00				
	Total civil cost						
	SANITARY WORKS						
Α	SANITARY INSTALLATION						
1.0	Supplying and Fixing clay Indian Commode P or S trap, PVC Cistern and Plastic seat cover with pipe connector all complete set (Hindware, Parryware, Classics, bolan or equivalent.)						
	Indian pattern Commode with PVC low level flushing cistern and seat cover all complete set.	set	21.00				
2.0	Supplying and fixing White glaze Porcelian clay wash basin/ Oval 50*40 cm with brackets 32mm dia p trap, 32mm CP waste coupling CP chain and rubber plug, 15mm*450mm long c.p. pipe connector with mixer etc all complete. (Sanitaryware: Hindware, Parrywareor equivalent). Valve:-jaquar, ark, Ess Ess or equivalent)						
	Indian pattern Porcelain clay white glaze Oval Wash Basin 50x40cm with mixer (jaquar,parryware,or equ. All complete set		17.00				
2.2	Indian pattern White glazed porceline clay Urinal 46.5X31.5X26.5cm with necessary accessories all complete set .		16.00				
2.3	Porcelain clay white glaze Indian Pattern 68X30cm size Urinal partation all complete set .	set	12.00				
	Supplying and Fixing Indian pattern C.P. valves with wall						
3.1	flange Including c.p. nipple all complete set. 15mm CP Bib Cock	No	68.00				
3.2.	C.P. 15mm dia Angle valve.	No	59.00				
3.3	15mm C.P commode spray with 1.2 m. long flexible pipe.	No	21.00				
	Supplying and fixing Indian pattern bathroom accessories all complete set						
4.1	CP Toilet Paper Holder heavy	No	21.00				
4.2	PVC Floor Trap 11*7.5cm (4"*2.5")	No	25.00				
4.3	CP Soap tray	Set	17.00				
4.4	Stainless steel towel rod 1.5*45cm (1/2"*18")	Set	9.00				
4.5	Looking mirror Modi guard 450*600mm (18"*24")	No	17.00				

Item No.	Description	Unit	Quantity	Rate in No.	Rate in Words	Amount (NRs.)	Remarks
В	WATER SUPPLY INSTALLATION						
	Supplying and fixing CPVC:- Chlorinated Poly Vinyl Chloride pipe (hot and cold). Or equivalent with CPVC fittings/ specials(Tees, elbows, Unions etc) clamps (m.s. plate with nut and bolt with hexagonal screws for clamp in ceiling,wall), nails, including jointing materials, installation of pipes and specials including making holes on walls or floor and repairing the sams to its original finish, all complete set as per specification and instruction. Pipes to be installed on trenches or walls or floor or duct as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running metres, fittings etc not payable separately.						
1.1	15 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11 CTS. 28.1kg/cm2 (flowguard or ISI Standard.)	Rm	69.00				
1.2	20 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11 CTS. 28.1kg/cm2 (flowguard or ISI Standard.)	Rm	163.00				
1.3	32 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11 CTS. 28.1kg/cm2 (flowguard or ISI Standard.)	Rm	120.00				
1.4	40 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11 CTS. 28.1kg/cm2 (flowguard or ISI Standard.) Supplying and fixing CPVC:- Chlorinated Poly Vinyl		2,700.00				
2.0	Chloride valve including jointing materials all complete set as per specification and instruction.						
2.1	15 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	1.00				
2.2	20 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	8.00				
2.3	25 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	-				
2.4	32 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	5.00				
2.5	40 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	-				
2.6	G.M. 40mm gate valve	Nos	15.00				
3.0	Supplying and fixing hdpe water tank with cover including drain hole, inlet, outlet, over flow etc. all complete set.						
3.1	1000 ltr. HDPE water tank (extra heavy dutyl) fitting with all complete.	Nos	8.00				
C.	SEWER, RAIN AND WASTE WATER INSTALLATION						
	Supplying and fixing UPVC pipe(Soil, Waste, Rain) pipes with all necessary ring gaskets, PVC fittings, including MS clamps, hangers, cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct as per drawings specifications (Panchakanya, Prince, Supreme), manufacturer's recommendations, instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running metres, fittings etc not payable separately.						
1.1	50mm PVC pipe of 6 kg/cm2	Rm	110.00				
1.2	75mm PVC pipe of 6 kg/cm2	Rm	69.00				+

Item No.	Description	Unit	Quantity	Rate in No.	Rate in Words	Amount (NRs.)	Remarks
1.3	110mm PVC pipe of 6 kg/cm2 Supplying and Fixing UPVC specials with O ring rubber washer, Pvc liquid(Solvent cement), Pvc cream, all complete set as per specification and instruction. (Panchakanya, Prince, Supreme)		91.00				
2.1	50mm dia UPVC 90 degree bend	Nos	46.00				
2.2	50mm dia UPVC 45 degree bend	Nos	46.00				
2.3	75mm dia UPVC 45 degree bend	Nos	26.00				
2.4	75 mm dia UPVC Y-Brance	Nos	18.00				
2.5	110 mm Bend 45 degree bend	Nos	44.00				
2.6	75 mm dia UPVC plain/door Tee.	Nos	21.00				
2.7	75 mm dia UPVC 90 degree bend	Nos	22.00				
2.8	110 mm dia UPVC vent cowl	Nos	9.00				
2.9	110 mm dia UPVC plain door Tee	Nos	30.00				
3.0	110 mm dia UPVC 90 degrees bend	Nos	23.00				
3.1	110 mm dia Y-Brance	Nos	22.00				
3.2	110 mm dia UPVC pipe clip.	Nos	27.00				
3.3	110*110 mm dia. PVC p-trap	Nos	-				
3.1	with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete. 150 mm RCC hume pipe NP2 1200 mm RCC hume pipe NP3		90.00				
4.0	WATER TRANSFER PUMP						
	Supplying and fixing Electric motor pump single or three phase with base, nut and bolts all complete set (Kirloskar, Compton, Servo or eqvt)						
	2 HP Electric motor water pump multi stage coupled pump (crompton).	NOS	9.00				
4.2	CI Tank cover 24"*24" (50 kg) Square (Locking type)	Nos	20.00				
4.3	CI cover 22"*22" (20 kg)medium Duty	Nos	90.00				
	Total Sanitary cost						
	ELECTRICAL WORKS						
Α	Panel & Distribution Boards						
1.0	Distribution board						
1.1	Distribution board 6 way SPN made of mild steel sheet double cover lockable Geco or eqvt. Flush type etc all complete	Set	12.00				
1.2	6-32 Amps SP MCB Geco, North west, ISI or eqvt. For light and power supply 6-32 Amps DP MCB Siemens, Geco, Legrend or eqvt. For	Nos	55.00				
1.3	main	Nos	26.00				
В	Mains,Sub-Mains,Cables & Wires						
1.0	(2*6+1*1.5) sq.mm multistrand flexible cu wire for main in 3/4" HDPE polythene pipe from sub DB to DB etc, all complete		85.00				

Item No.	Description	Unit	Quantity	Rate in No.	Rate in Words	Amount (NRs.)	Remarks
2.0	10 sq.mm 4 core armoured copper cable for main panel board to DB,through Polythene pipe etc, all complete	Rm	100.00	140.	HOIUS	[(14 <i>V</i> 2')	
С	CIRCUIT CUM POINT WIRING						
1.0	General Service Light/Fan/Exhaust Fan/ Call bell Point Wiring Supply,installation,testing and commissioning of light point /fan point wiring from DB to various points with 2.5 sqmm multistrand flexible cu wire through 1/2" internal dia HDPE conduit concealed via junction box and switch as per drawing and specification including cost of circular box and junction box and switch. Notes: Notes:	Point	362.00				
2.0	Power Socket Point Wiring						
	Supply and installation of 16A universal power socket point wiring with 2*4+1*1.5 sq mm multistraned copper wires through pvc listy or 3/4" internal dia HDPE conduit concealed from DB to various points, junction box as per drawing and specification. [Note: Average length per point = 12.5 m Approximately]	Point	55.00				
D	Switch Socket Outlets						
	Supply,installation,interconnection,testing and commissioning of following type of switch socket including GI/PVC box,pvc listy to be installed in specified location and height all complete.						
1.0	1 gang 1 way switch or North west type eqvt.etc all complete.	Nos	1.00				
2.0	2 gang 1 way switch or North west type eqvt.etc all complete.	NOS	-				
3.0	3 gang 1 way switch or North west type eqvt.etc all complete.	Nos	-				
4.0	4 gang 1 way switch or North west type eqvt.etc all complete.	Nos	8.00				
5.0	6 gang 1 way switch or North west type eqvt.etc all complete.	Nos	12.00				
6.0	16/6 Amps combined S/socket flush type north west type or eqvt	Nos	55.00				
E	Light Fixtures/ Fan and Accessories						
1.0	Supply, storing, assembling, installation, testing and commissioning of wall/ceiling, surface/recessed, suspended types CFL/LED lighting fixtures including lamp, power factor improvement capacitor, electronics ballast, controle gear, LED driver etc						
1.1	12W finished surface type LED panel light round/square Wipro/Fiam/Philips or equivalent.	Set	170.00				
1.1	6W focus light LED panel light round/square Wipro/Fiam/Philips or equivalent.	Set	170.00				
F	Supply, installation,interconnection, testing and commissioning and putting into operation of following size of sweep ceiling/exhaust fans as per drawing specification including the adjustment hanging rod and louvers for exhaust fan as required.						
1.1	42 "Ceiling fan Almonard /Bajaj or eqvt.etc all complete.	Set	12.00				

	Bill of Quantity									
Item No.	Description	Unit	Quantity	Rate in No.	Rate in Words	Amount (NRs.)	Remarks			
Н	External Works									
1.0	Supply, installation, testing & commissioning of following sizes of PVC insulated multistranded Copper/Aluminium conductor cables/wires of 1.1 KV grade to be lay below ground level through HDPE conduit including cost of providing trance etc for underground conducting and cost of cutting and filling mud as required all complete.									
1.1	4mm2 3 core Armored cable wire through 40mm dia HDPE Conduit(4kgf/cm2) for water pump and blocks	Rm	720.00							
1.2	2.5mm2 2 core Armored cable wire through 25mm dia HDPE Conduit(4kgf/cm2) for external Post Top Light Pole.	Rm	900.00							
I	Supply,Installation and assembling,erection,connecting,testing and commissioning of the following External light fixtures complete with all accessories as required.									
1.0	External Post Top Light Pole									
	Supply, Erection, Testing and commissioning of 3 meter high 62.5 mm dia steel tubular external light pole suitable for the mounting of specified post top light fixture. The pole shall be embedded 350mm in the ground with concrete foundation as per drawings all complete.	Nos	50.00							
2.0	Post Top External Light Fixtures									
0.0	Supply, installation, interconnection testing & putting into operation of 300 mm dia polycarbonate make post top light fixture to be fixed in above mentioned light pole suitable for 12 W LED bulb complete with all fixing and connecting materials and accessories.	Nos	50.00							
	Total Electrical cost									
	Total cost									

Ghodaghodi Municipality Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

Item No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
	CIVIL WORKS					
1.0	SITE CLEARANCE AND LAYOUT					
	Clearing the site by removing the bushes, trees, concrete pavement and hard surface whatever at site up to its root depth including the layout work, marking the trench, construction of permanent reference points along each grid precisely in line and level and including construction of all necessary staff and labor facilities.	Sq.m	8,669.66	17.99	155,967.18	
2.0	EARTHWORK IN EXCAVATION	-	-	-	-	
	Excavation in foundations in all type of soils for foundation, trenches, footing, pits etc. to the required depth including dewatering by manual or mechanical means etc. as per specifications with all contractor's own machinery and equipment's, providing crossing of track, shoring, strutting, timbering and buttressing with appropriate materials and all such measures necessary to retain in position the sides of the foundation pit and including refilling the excavated material with watering, ramming, leveling the site and disposing off the surplus/unusable earth within 50m all complete as per drawings, specifications and instructions of the Engineer.	Cu.m	3,012.23	563.82	1,698,355.52	
3.0	BACK FILLING & DISPOSAL OF EXCESS SOIL	-	-	-	-	
3.1	Back filling in foundation and sides of foundation with approved soil obtained from the excavation at site and stacked at site or brought from outside in layer not exceeding 30 cm thick (compacted thickness) including transportation of soil, spreading in required line and level, sprinkling water, ramming, compacting with mechanical rammers, testing, etc., all complete as per drawing, specification and instructions of the Engineer.	Cu.m	2,044.93	393.01	803,677.94	
4.0	BRICK/BOULDER SOLING	-	-	-	-	
4.1	Providing and soiling with first class chimney made brick on flat in floor of building as per drawings, specification and instruction of the consultant/Engineer, all complete.	Sq.m	6,040.97	802.45	4,847,576.38	
4.2	Providing and laying uncoursed hand packed Dry Rubble Stone soling in foundation, floors of building, retaining wall, steps and ramps with out any special dressing of stone including filling interstices with suitable quarry waste or stone chips or quarry sand, watering, compacting using appropriate mechanical compaction means with all contractors materials, handling, placing etc. all complete as per drawings, specifications and instruction of the Engineer. The complete item including all lead & lift.	Cu.m	429.16	1,465.19	628,800.94	
5.0	SAND FILLING	-	-	-	-	

Item	SUMMARY OF	1.20		Ī		
No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
	Filling sand in floor by sprinkling of water and compaction by labour including lead from 30 m distance as per drawing specification and instruction of the Consultant/Engineer all complete.	Cu.m	133.01	817.25	108,702.42	
6.0	GRAVEL FILLING	-	-	-	-	
	Filling gravel in floor by sprinkling of water and compaction by labour including lead from 30 m distance as per drawing specification and instruction of the Consultant/Engineer all complete.	Cu.m	168.00	817.25	137,298.00	
7.0	500 MICRON POLYTHENE SHEET	-	-	-	-	
	Supplying and laying 500 micron tear proof good quality polythene above the compacted brick soling. The overlaping of the sheet must be more than 230mm in all side to prevent moisture throught it. The cost should be inclusive of all material and labour cost, as per design drawing, specification and instruction of the Engineer, all complete.		283.19	159.20	45,083.85	
8.0	BRICK/ STONE MASONRY WORKS	-	-	-	-	
8.1	BRICK MASONRY WORKS (1:6 c/s) UPTO GF	-	-	-	-	
	Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:6 (1 cement : 6 coarse sand) in foundation up to ground floor including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.		695.62	13,302.17	9,253,255.50	
8.2	BRICK MASONRY WORKS (1:6 c/s) ABOVE GF	-	-	-	-	
	Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:6 (1 cement : 6 coarse sand) above ground floor including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.		78.99	13,704.90	1,082,550.05	
8.3	BRICK MASONRY WORKS (1:4 c/s) UPTO GF	-	=	-	-	
	Providing and laying first class chimney fired brick one or more brick thick wall in cement mortar 1:4 (1 cement : 4 coarse sand) in foundation up to ground floor including the cost of single or multi stage scaffolding, soaking bricks, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.		82.07	13,723.36	1,126,276.16	
8.4	STONE MASONRY WORKS (1:6 c/s)	-	-	-	-	
	Providing and laying Random Rubble stone masonry works in foundation upto plinth in 1:6 (1 cement: 6 sand) cement mortar including providing through/bond stone at required interval including providing single or multi-stage self standing scaffolding, curing, protection, etc., all complete as per drawings, specifications and instruction of the engineer.	Cu.m	730.07	7,430.62	5,424,872.74	
9.0	CONCRETE WORKS	-	-	-	-	
9.1	P.C.C (1:3:6) Works	-	-	-	-	
		_				

Item No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
	Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:3:6, (1 cement : 3 sand : 6 coarse aggregate) M10 grade for leveling course in foundations and under floor of building, etc. in all level with broken stone aggregate of size not more than 25 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	Cu.m	372.62	8,955.75	3,337,091.57	
9.2	P.C.C (1:2:4) Works	-	-	-	-	
	Providing and laying machine mixed Plain Cement Concrete of nominal mix 1:2:4, (1 cement : 2 sand : 4 coarse aggregate) M15 grade for leveling course in foundations and under floor of building, etc. in all level with broken stone aggregate of size not more than 25 mm of approved quality including formwork wherever necessary, dewatering, batching, mixing, transporting, placing, compacting, curing, including all lead and lift, etc. all complete as per drawings, specifications and the instructions of the Engineer.	Cu.m	340.59	11,009.55	3,749,742.63	
9.3	P.C.C. FOR R.C.C. (1:1.5:3) WORKS	-	-	-	-	
	Providing and laying in position machine mixed and machine vibrated cement concrete of mix 1:1.5:3 (1 cement:1.5 sand: 3 coarse aggreagate) M20 grade for reinforced cement concrete work using approved cement with 20 mm graded machine crushed stone aggregate of approved quality in various locations and heights including transportation of concrete to site of placing, compaction, finished to required line and level, protection and curing, etc. all complete as per drawings, specifications and the instructions of the Engineer, but excluding the cost of centering, shuttering, and reinforcement all complete as per drawings, specifications of the Engineer.	Cu.m	510.94	13,482.42	6,888,707.67	
10.0	FORM WORKS	-	-	-	-	
	Supplying and laying centering, shuttering of various pattern formworks with 19mm thick water proof ply wood & steel adjustable props for all kinds of RCC works for foundations, columns, shear walls, beams, slab, staircase, lintel, sill, pergola, including nails, propping scaffolding, staging, supporting and bracing in proper lines and level, sealing the joints with heavy duty brown self adhesive tape, aligning to line and levels including Ties, PVC Spacer, Providing openings/ cutouts/ pockets, applying Deshuttering chemical, De-shuttering as approved by the Engineer etc., complete at all levels as per drawing, specifications and instructions of the Engineer.	Sq.m	4,164.10	1,216.80	5,066,876.88	
11.0	STEEL REINFORCEMENT	-	-	-	-	

Item No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
	Providing and fixing in position Fe 500 steel reinforcement of various diameter confirming to relevant IS code in R.C.C. works including straightening, cutting, bending, binding with 20 SWG annealed wire for tying the reinforcement bars at each junctions (binding wire shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as per drawings, specifications and instructions of the Engineer. (Authorized lap length and for the bar length exceeding 10 meter in length shall be measured for the payment).	Kg	63,547.14	146.21	9,291,227.34	
12.0	FLOORING AND FINISHING WORKS	-	-	-	-	
12.1	38mm thick P.C.C. in (1:2:4) with cement punning (1:1) for flooring work with approved floor hardener (Dreitop FH,Mapetop,Fairtop,Sika Chapddur or equivalent floor hardener) with approved quality cement, sand & aggregare 12mm and down grade including mixing,laying curing all complete work as per specification	Sq.m	847.83	535.42	453,945.14	
12.2	50 mm thick P.C.C. in (1:2:4) with cement punning (1:1) for flooring work with approved floor hardener (Dreitop FH,Mapetop,Fairtop,Sika Chapddur or equivalent floor hardener) with approved quality cement, sand & aggregare 12mm and down grade including mixing,laying curing all complete work as per specification	Sq.m	1,143.57	672.96	769,576.87	
12.3	Providing and laying of 3mm thick cement and sand punning in 1:1 cement sand ratio on floors, skirting, dado etc. including claening, watering in surface and rubbing with steel trowel for hard and smooth surface and curing all complete as per drawing, specification and instructions of the Engineer.	Sq.m	526.23	262.00	137,872.26	
12.4	Providing and Laying 6mm.th.porcelain glazed/non glazed tiles on walls and floor of approved colored laid with cement sand mortar (1:4) finished with white cement including polishing all complete as per specification and instruction of site Engineer.	-	-	-	-	
12.4.1	Glazed tile on wall	Sq.m	687.49	3,506.22	2,410,491.19	
12.4.2	Non-glazed tile on floor Providing and Laying kotastone on walls and floor of approved colored laid with cement sand mortar (1:4) finished with grouting including polishing all complete as per specification and instruction of site Engineer.	Sam	537.76	5,089.36 2,223.83	511,429.79 1,195,886.82	
12.6	Providing and Laying granite on walls and floor of approved colored laid with cement sand mortar (1:4) finished with grouting including polishing all complete as per specification and instruction of site Engineer.	Sam	281.32	5,089.36	1,431,738.76	
12.7	Providing and laying slates on roof with nails and adhesives all complete as per specification and instruction of site Engineer.		476.85	2,122.89	1,012,300.10	
12.8	Providing and laying flagstone 25mm-37.5 mm cladding on wall with cement sand mortar (1:4) finished including the cost of single or multi stage scaffolding, curing, raking joints, provision for recesses, openings, toothing etc., all complete as per drawing, specifications and instructions of the Engineer.	Sq.m	292.74	1,937.84	567,283.28	

Item No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
	Providing and laying flagstone 50 mm with cement sand mortar (1:4) including claening, watering in surface and rubbing with steel trowel for hard and smooth surface and curing all complete as per drawing, specification and instructions of the Engineer.	Sq.m	1,066.00	2,173.52	2,316,972.32	
13.0	WATER PROOFING TREATMENT	-	-	-	-	
	Elastocrete cementitious elastometric water proofing coating 2 components capacity per kg 6 sq.ft 2 coat including supply and applying all complete work as per drawing, specification and direction of the engineer.		562.98	742.44	417,978.87	

Item No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
14.0	PLASTERING WORKS	-	-	-	-	
141	12.5mm. Th. Cement sand plaster (1:3) work on ceiling surfaces of good finish in perfect line level and plumb including grooving in plaster whrever shown in drawings including chiselling racking the joints, wetting the surface and curing the work all complete as per specification and instruction of the consultant/engineer all complete	Sq.m	1,030.43	410.50	422,991.52	
14.2	12.50mm. Th. Cement sand plaster (1:4)work on building inner and outer surfaces of good finish in perfect line level and plumb including grooving in plaster wherever shown in drawings including chiselling racking the joints, wetting the surface and curing the work all complete as per specification an.d instruction of the consultant/engineer all complete	Sq.m	5,427.58	334.71	1,816,665.30	
	20mm. Th. Cement sand plaster (1:4)work on floor (Riser,tread,drain, apron,manhole,septic tank,inner wall and floor of water tank))with approved floor hardener (Dreitop FH,Mapetop,Fairtop,Sika Chapdur or equivalent floor hardener) of good finish in perfect line level including grooving in plaster wherever shown in drawings including chiselling racking the joints, wetting the surface and curing the work all complete as per specification and instruction of the consultant/engineer all complete	Sq.m	277.19	419.47	116,272.89	
	3/4X1.5" thick pani patti in cement sand mortar(1:3) in cantiliver portion of slab in perfect line and level racking the joints, wetting the surface and curing the work all complete as per specification and instruction of the consultant/engineer all complete	Rm	332.65	132.89	44,205.86	
14.5	2mm thick plain white putty plaster work at ceiling and wall with clear line and levelled	Sq.m	97.68	236.97	23,147.23	
15.0	DOORS AND WINDOWS	-	-	-	-	
15.1	Providing and fixing in position wooden frames in doors and wondows of specified section (75*100 mm) of seasoned salwood assembled with wooden nails including cost of hold fast, screws etc and applying two coats of bitumen paint to the surface contacting to walls or other works etc all complete as per drawings, specification and instruction of the Engineer. Making, fitting & fixing pannel carved door shutter including all necessary approved quality of hardware fittings all		0.55	318,644.23 93,886.38	175,254.33	
15.2	complete as per drawings, specification and instruction of the Engineer.	Sq.m	23.25	93,886.38	2,182,858.34	
15.3	Wooden Column carving work excluding wood	Sq.m	0.78	93,886.38	73,231.38	
	ALUMINIUM DOOR	-	-	-	-	
	Providing and fixing Single Panel Casement (Hinged) Door of aluminum section in natural or color anodized/powder coated color Section size (101×45×1.5 mm) fitted with 5 mm clear glass or 9 mm both side laminated board all complete.	Sq.m	56.21	12,992.70	730,319.67	
	ALUMINIUM WINDOW	-	-	-	-	
	Providing and fixing 2 track in sliding window of aluminum section in naturally anodized or black anodized/powder coated color, Section size (97x40x1.2 mm) fitted with 5 mm clear glass with out fly mesh shutter all complete.	Sq.m	88.20	8,855.00	781,011.00	
18.0	PAINT WORKS	-	-	-	-	
18.1	DISTEMPER PAINT	-	-	-		

I Description IIInit Quantity Rate(NRs) LAmount (NRs) Remarks	Item	SUMMARY OF		I	l	1	
distemper point of approved manufacturer and shade over a coat of alkalia resistant cement primer of approved manufacturer as per manufacturer's specifications to the surface of wall, ceiling, beams columns, canopies, staticase, lobbies etc., all complete as per drawings, specifications and instruction. The rates shall include in the complete of preparation, scaffolding etc., all complete as per drawings, specifications, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the fingheer. 18.2 EXTERIOR WEATHER PAINT Plainting on Exterior Wall surface with two coats of weather coat (Must be 180 9001 ± 2000 certified company) of approved color and shade over one coat of primer to give uniform coloring and quality life finish after proper surface preparation, all complete as per drawing, specification and instruction of the Engineer. 18.3 ENAMELPHINT Two coats of ready made Enamel points of approved color over one coats of primer pointing over property sanded wooden surface and Ms circular pipe railing and complete as per specification and instruction of the engineer. 18.4 CHARRA POLISH Three coats of chapter polish over property sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer. 19.0 METAL WORK Supply, fortication and fishing MS circular/square pipe/medium size) with necessary base plates along with primer point all complete as per drawing specification and instruction of the engineer. 20.0 GRILL WORK Supply, tobiccition and fishing in position of MS Grills for Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*22mm MS Stirp Frame, Hotzoratal Spacing of Square Rod should be 100mm c/c and the rod be should be as opposed horizontality that its pair of spacing including fishing in proper shape & size with all the spaces of the property of the point of spacing of Square Rod should be 100mm of complete and so per the approval of Ste Engineer. 21.1 UPVC KOOPING WORK 3 mm title Columed	No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
Pointing on Exterior Wall surface with two coats of weather coat (Must be ISO 9001 : 2000 certified company) of approved color and shade over one coat of primer to give uniform coloring and quality floss finish after proper surface preparation, all complete as per drawing, specification and instruction of the Engineer, all complete. 18.3 ENAMEL PAINT Two coats of ready made Enamel points of approved colour over one coats of primer pointing over property sanded wooden surface and MS circular pipe railing all complete as per specification and instruction of the engineer. 18.4 CHAPRA POUSH Three coats of chapta polish over property sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer. 19.0 METAL WORK Supplying fitting and fixing MS circular/square pipe/medium size) with necessary base plates along with primer point all complete as per drawing specification and instruction of site engineer. 20.0 GRILL WORK Supply, fabrication and fixing in position of MS Grills for Windows opening at Ground Floor I 2mm*12mm Solid Core. Square Rod welded on 4.5mm*20mm MS Strip Frame. Horizontal Spacing of Square Rod should be 100mm of cand the rod be should be so spaced horizontally that its pair of spacing 100mm should have maximum 300mm clear spacing with each pair, pointed with aluminium Paint all complete and as per the approval of Site Engineer 21.1 UPVC ROORING WORK 3 mm UPVC Sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping sizes with all necessary self including fixing in proper shape & size with all self tapping sizes with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & siz		distemper paint of approved manufacturer and shade over a coat of alkali resistant cement primer of approved manufacturer as per manufacturer's specifications to the surface of wall, ceiling, beams columns, canopies, staircase, lobbies etc., all complete as per drawings, specifications and instruction. The rates shall include for scraping, washing the surface with water, surface preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the	Sq.m	2,779.04	309.06	858,890.10	
coat [Must be ISO 9001 : 2000 certified company) of approved color and shade over one coat of primer to give uniform coloring and quality floss finish after proper surface preparation, all complete as per drawing, specification and instruction of the Engineer, all complete. 18.3 ENAMEL PAINT Two coats of ready made Enamel paints of approved colour over one coats of primer painting over property sanded wooden surface and MS circular pipe railing all complete as per specification and instruction of the engineer. 18.4 CHAPRA POLISH Three coats of chapra polish over property sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer. 19.0 METAL WORK Supplying fitting and fixing MS circular/square pipe/medium size) with necessary base plates along with primer paint all complete as per drawing specification and instruction of site engineer as per drawing specification and instruction of site engineer as per drawing specification and instruction of site engineer as per drawing specification and instruction of site engineer as per drawing specification and instruction of site engineer as per drawing specification and instruction of site engineer as per drawing specification and struction of site engineer as per drawing specification and struction of site engineer as per drawing specification and specification and specification and specification and struction of site engineer as per drawing specification and specificat	18.2	EXTERIOR WEATHER PAINT	-	-	-	-	
Two coats of ready made Enamel paints of approved colour over one coats of primer painting over properly sanded wooden surface and MS circular pipe railing all complete as per specification and instruction of the engineer. 18.4 CHAPRA POISH Three coats of chapra polish over properly sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer. 19.0 METAL WORK Supplying fitting and fixing MS circular/square pipe (medium size) with necessary base plates along with primer paint all complete as per drawing specification and instruction of site engineer 20.0 GRILL WORK Supply, fabrication and fixing in position of MS Grills for Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded an 4.5mm*20mm MS Strip Frame, Horizontal Spacing of Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have maximum 300mm clear spacing with each pair, painted with aluminium Paint all complete and as per the approval of Site Engineer 21.0 UPVC ROOFING WORK 21.1 UPVC ROOFING WORK 3 mm UPVC sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping screw 3".clips et as per drawing & instruction of the Engineer, all complete. 3 mm thick colured UPVC ridge cover(regular/file) for roof including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape & size with all necessary self including fixing in proper shape &		coat (Must be ISO 9001 : 2000 certified company) of approved color and shade over one coat of primer to give uniform coloring and quality floss finish after proper surface preparation, all complete as per drawing, specification	Sq.m	3,717.45	309.98	1,152,335.15	
colour over one coats of primer painting over property sanded wooden surface and MS circular pipe railing all complete as per specification and instruction of the engineer. 18.4 CHAPRA POIISH Three coats of chapra polish over property sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer. 19.0 METAL WORK Supplying fitting and fixing MS circular/square pipe(medium size) with necessary base plates along with primer paint all complete as per drawing specification and instruction of site engineer 20.0 GRILL WORK Supply, fabrication and fixing in position of MS Grills for Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*20mm MS Strip Frame, Horizontal Spacing of Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have moximum 30mm clear spacing with each pair, painted with aluminium Paint all complete and as per the approval of Site Engineer 21.0 UPVC ROOFING WORK 21.1 OUPVC ROOFING WORK 21.2 The proper shape & size with all self fapping screw 3".clips et as per drawing & instruction of the Engineer. all complete. 3 mm thick colured UPVC ridge cover(regular/file) for roof including fixing in proper shape & size with all self fapping screw all complete. 4 may 154.37 359.48 343.076.93 343.076.93 359.48 343.076.93 359.48 343.076.93 359.48 343.076.93 369.m 58.80 186.53 10.967.96 161.00 2.559,378.36 161.00 2.559,378.36 161.00 2.559,378.36 2.618.90 102.660.88 102.660.88 102.660.88 102.660.88 102.660.88 102.660.88 102.660.88 102.660.88 103.67 103.660.88 103.67 103.660.88 104.660.88 105.660.88 106.660.88 107.660.88 108.67 109.660.88	18.3	ENAMEL PAINT	-	-	-	-	
Three coats of chapra polish over properly sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer. 19.0 METAL WORK Supplying fitting and fixing MS circular/square pipe(medium size) with necessary base plates along with primer paint all complete as per drawing specification and instruction of site engineer 20.0 GRILL WORK Supply, fabrication and fixing in position of MS Grills for Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*20mm MS Strip Frame, Horizontal Spacing of Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have maximum 300mm clear spacing with each pair, painted with aluminium Paint all complete and as per the approval of Site Engineer 21.0 UPVC ROOFING WORK 3mm UPVC Sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping screw 3"clips etc as per drawing & instruction of the Engineer, all complete. 3 mm thick colured UPVC ridge cover(regular/file) for roof including fixing in proper shape & size with all necessary self tapping screw. 3"clips etc as per drawing & instruction all complete. Rm 325.15 2.281.20 741.732.18		colour over one coats of primer painting over properly sanded wooden surface and MS circular pipe railing all complete as per specification and instruction of the		954.37	359.48	343,076.93	
wooden surface with wooden putting all complete as per specification and instruction of the engineer. 19.0 METAL WORK Supplying fitting and fixing MS circular/square pipe(medium size) with necessary base plates along with primer paint all complete as per drawing specification and instruction of site engineer and site engineer are remarked by the supplying fitting and fixing in position of MS Grills for Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*20mm MS Strip Frame, Horizontal Spacing of Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have maximum 300mm clear spacing with each pair, painted with aluminium Paint all complete and as per the approval of Site Engineer 21.0 UPVC ROOFING WORK 3mm UPVC sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping screw 3".clips etc as per drawing & instruction of the Engineer, all complete. 3 mm thick colured UPVC ridge cover(regular/file) for roof including fixing in proper shape & size with all necessary self tapping srew.clips etc as per drawing & instruction all complete. Rm 325.15 2.281.20 741.732.18	18.4	CHAPRA POLISH	-	-	-	-	
Supplying fitting and fixing MS circular/square pipe (medium size) with necessary base plates along with primer paint all complete as per drawing specification and instruction of site engineer 20.0 GRILL WORK Supply, fabrication and fixing in position of MS Grills for Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*20mm MS Strip Frame, Horizontal Spacing of Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have maximum 300mm clear spacing with each pair, painted with aluminium Paint all complete and as per the approval of Site Engineer 21.0 UPVC ROOFING WORK 21.1 Samm UPVC sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping screw 3",clips etc as per drawing & instruction of the Engineer, all complete. 3 mm thick colured UPVC ridge cover(regular/file) for roof including fixing in proper shape & size with all necessary self tapping srew,clips etc as per drawing & instruction all complete. Rm 325.15 2,281.20 741,732.18		wooden surface with wooden putting all complete as per		58.80	186.53	10,967.96	
size) with necessary base plates along with primer paint all complete as per drawing specification and instruction of site engineer 20.0 GRILL WORK Supply, fabrication and fixing in position of MS Grills for Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*20mm MS Strip Frame, Horizontal Spacing of Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have maximum 300mm clear spacing with each pair, painted with aluminium Paint all complete and as per the approval of Site Engineer 21.0 UPVC ROOFING WORK 21.1 Samm UPVC sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping screw 3",clips etc as per drawing & instruction of the Engineer, all complete. 21.2 The structure of the Engineer, all complete. 21.3 The structure of the Engineer, all complete. 21.4 The structure of the Engineer, all complete. 21.5 Sq.m Sq.m Sq.m Sq.m Sq.m Sq.m Sq.m Sq.m	19.0	METAL WORK	-	-	-	-	
Supply, fabrication and fixing in position of MS Grills for Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*20mm MS Strip Frame, Horizontal Spacing of Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have maximum 300mm clear spacing with each pair, painted with aluminium Paint all complete and as per the approval of Site Engineer 21.0 UPVC ROOFING WORK 21.1 3mm UPVC sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping screw 3",clips etc as per drawing & instruction of the Engineer, all complete. 3 mm thick colured UPVC ridge cover(regular/tile) for roof including fixing in proper shape & size with all necessary self tapping srrew,clips etc as per drawing & instruction all complete. 741,732.18		size) with necessary base plates along with primer paint all complete as per drawing specification and instruction of	Ka	15,896.76	161.00	2,559,378.36	
Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*20mm MS Strip Frame, Horizontal Spacing of Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have maximum 300mm clear spacing with each pair, painted with aluminium Paint all complete and as per the approval of Site Engineer 21.0 UPVC ROOFING WORK 21.1 3mm UPVC sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping screw 3",clips etc as per drawing & instruction of the Engineer, all complete. 3 mm thick colured UPVC ridge cover(regular/tile) for roof including fixing in proper shape & size with all necessary self tapping srrew,clips etc as per drawing & instruction all complete	20.0	GRILL WORK	-	-	-	-	
3mm UPVC sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping screw 3",clips etc as per drawing & instruction of the Engineer, all complete. 3 mm thick colured UPVC ridge cover(regular/tile) for roof including fixing in proper shape & size with all necessary self tapping strew,clips etc as per drawing & instruction all complete Rm 325.15 2,281.20 741,732.18		Windows opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*20mm MS Strip Frame, Horizontal Spacing of Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have maximum 300mm clear spacing with each pair, painted with aluminium Paint	Sq.m	39.20	2,618.90	102,660.88	
21.1 coloured) roofing including fixing in proper shape & size with all self tapping screw 3",clips etc as per drawing & instruction of the Engineer, all complete. 3 mm thick colured UPVC ridge cover(regular/tile) for roof including fixing in proper shape & size with all necessary self tapping srrew,clips etc as per drawing & instruction all complete Rm 325.15 2,281.20 741,732.18	21.0	UPVC ROOFING WORK	-	-	-	-	
including fixing in proper shape & size with all necessary self tapping strew,clips etc as per drawing & instruction all complete	21.1	coloured) roofing including fixing in proper shape & size with all self tapping screw 3",clips etc as per drawing &		639.83	2,289.02	1,464,583.67	
22.0 ROOF TRUSS	21.2	including fixing in proper shape & size with all necessary self tapping srrew,clips etc as per drawing & instruction all	Rm	325.15	2,281.20	741,732.18	
	22.0	ROOF TRUSS	-	-	-	-	

Item No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
0.0	Providing and fixing tubular roof trusses with rafters, purlins, wind ties, brackets etc., made with medium class mild steel tubes and mild steel sections of required sizes, including hoisting, fixing in position with MS bed plates, shoe angles, anchor bolts etc., and concrete grouting, concreting nut bolts, fabrication, fixing and treated with two coats of anticorrosive paints all complete as per drawings, specifications and instructions of the Engineer. Rate shall include preparing shop drawings, obtaining Engineer's or Client's approval, supplying, fabricating, delivering at site, hoisting and fixing in position, temporary staging, preparation of surface, applying Zinc chromate/Phosphate primer of one coat before and one coat after erection including two coats of synthetic enamel paint of approved make and color etc. all complete as per drawing, specification and instruction of the Engineer.	Ka	16,010.15	247.67	3,965,233.85	
23.0	GYPSUM BOARD FALSE CEILING	-	-	-	-	
	Supplying and Installation of 12 mm th. Gypsum board False Ceiling with GI framing and all accessories complete as per drawing, specification and instruction of the consultant/ Engineer all complete	_	97.68	989.92	96,695.39	
24.0	Supplying & fitting 50mm dia. Black iron pipe post c/c 2.0m, 20*20*4mm & 25*25*4mm size mid angle frame for 10 S.W.G.G.I chain link 2"*2" mesh size & 3*20 angle febrication 0.15m fitting all complete.	Sq.m	66.60	2,460.69	163,881.95	
25.0	MAIN ENTRANCE GATE	-	-	-	-	
	Providing and fixing mild steel angle (bracing) 50x50x5 mm, 16 gauge MS sheets and mild steel sqaure pipes treated with one coats of primer and two coats of enamel paints, all complete as detailed in drawing, specification and instructions of the Engineer.	Sq.m	62.82	9,552.73	600,102.50	
26.0	Site clearance work before starting the work and after completion of work including disposing of unused materials away from site and proper levelling all complete as per instruction of site technician.		1.00	50,000.00	50,000.00	
	Total civil cost				83,347,034.61	
	SANITARY WORKS					
Α	SANITARY INSTALLATION					
1.0	Supplying and Fixing clay Indian Commode P or S trap, PVC Cistern and Plastic seat cover with pipe connector all complete set (Hindware, Parryware, Classics, bolan or equivalent.)					

Item		ABSIR	1		l I	
item No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
	Indian pattern Commode with PVC low level flushing	set	21.00	19,375.20	406,879.20	
	cistern and seat cover all complete set.		2.100	17,070.20	100,077120	
	Supplying and fixing White glaze Porcelian clay wash basin/ Oval 50*40 cm with brackets 32mm dia p trap, 32mm CP					
	waste coupling CP chain and rubber plug, 15mm*450mm					
2.0	long c.p. pipe connector with mixer etc all complete.					
	(Sanitaryware: Hindware, Parrywareor equivalent). Valve:-					
	jaquar, ark, Ess Ess or equivalent)					
	Indian pattern Porcelain clay white glaze Oval Wash		17.00	10 920 70	194 101 00	
	Basin 50x40cm with mixer (jaquar,parryware,or equ. All complete set	set	17.00	10,830.70	184,121.90	
	Indian pattern White glazed porceline clay Urinal					
2.2	46.5X31.5X26.5cm with necessary accessories all complete		16.00	5,016.30	80,260.80	
	set.					
2.3	Porcelain clay white glaze Indian Pattern 68X30cm size	set	12.00	2,988.28	35,859.36	
	Urinal partation all complete set . Supplying and Fixing Indian pattern C.P. valves with wall					
	flange Including c.p. nipple all complete set.					
3.1	15mm CP Bib Cock	No	68.00	1,270.81	86,415.08	
3.2.	C.P. 15mm dia Angle valve.	No	59.00	1,551.41	91,533.19	
3.3	15mm C.P commode spray with 1.2 m. long flexible pipe.	No	21.00	1,725.40	36,233.40	
	Supplying and fixing Indian pattern bathroom accessories all complete set					
4.1	CP Toilet Paper Holder heavy	No	21.00	753.31	15,819.51	
4.2	PVC Floor Trap 11*7.5cm (4"*2.5")	No	25.00	521.01	13,025.25	
4.3	CP Soap tray	Set	17.00	800.46	13,607.82	
4.4	Stainless steel towel rod 1.5*45cm (1/2"*18")	Set	9.00	1,554.92	13,994.28	
4.5	Looking mirror Modi guard 450*600mm (18"*24")	No	17.00	1,675.72	28,487.24	
В	WATER SUPPLY INSTALLATION					
	Supplying and fixing CPVC:- Chlorinated Poly Vinyl Chloride pipe (hot and cold). Or equivalent with CPVC fittings/ specials(Tees, elbows, Unions etc) clamps (m.s. plate with nut and bolt with hexagonal screws for clamp in ceiling,wall), nails, including jointing materials, installation of pipes and specials including making holes on walls or floor and repairing the sams to its original finish, all complete set as per specification and instruction. Pipes to be installed on trenches or walls or floor or duct as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running metres, fittings etc not payable separately.					
1.1	15 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11	Rm	69.00	321.25	22,166.25	
1.2	CTS. 28.1kg/cm2 (flowguard or ISI Standard.) 20 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11	Rm	163.00	373.00	60,799.00	
	CTS. 28.1kg/cm2 (flowguard or ISI Standard.) 32 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11	KIII	100.00	373.00	30,777.00	
1.3	CTS. 28.1kg/cm2 (flowguard or ISI Standard.)	Rm	120.00	544.44	65,332.80	
1.4	40 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11 CTS. 28.1kg/cm2 (flowguard or ISI Standard.)	Rm	2,700.00	737.20	1,990,440.00	

Item	SUMMART OF					
No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
2.0	Supplying and fixing CPVC:- Chlorinated Poly Vinyl Chloride valve including jointing materials all complete set as per specification and instruction.					
2.1	15 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	1.00	541.04	541.04	
2.2	20 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	8.00	679.68	5,437.44	
2.3	25 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	-	796.65	-	
2.4	32 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	5.00	1,697.78	8,488.90	
2.5	40 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	-	2,009.71	-	
2.6	G.M. 40mm gate valve	Nos	15.00	3,563.97	53,459.55	
3.0	Supplying and fixing hdpe water tank with cover including drain hole, inlet, outlet, over flow etc. all complete set.					
3.1	1000 ltr. HDPE water tank (extra heavy dutyl) fitting with all complete.	Nos	8.00	26,776.60	214,212.80	
C.	SEWER, RAIN AND WASTE WATER INSTALLATION					
	with all necessary ring gaskets, PVC fittings, including MS clamps, hangers, cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct as per drawings specifications (Panchakanya, Prince, Supreme), manufacturer's recommendations, instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running metres, fittings etc not payable separately.					
1.1	50mm PVC pipe of 6 kg/cm2	Rm	110.00	257.95	28,374.50	
1.2	75mm PVC pipe of 6 kg/cm2	Rm	69.00	532.66	36,753.54	
1.3	110mm PVC pipe of 6 kg/cm2	Rm	91.00	962.18	87,558.38	
	Supplying and Fixing UPVC specials with O ring rubber washer, Pvc liquid(Solvent cement), Pvc cream, all complete set as per specification and instruction. (Panchakanya, Prince, Supreme)					
2.1	50mm dia UPVC 90 degree bend	Nos	46.00	224.71	10,336.66	
2.2	50mm dia UPVC 45 degree bend	Nos	46.00	223.56	10,283.76	
2.3	75mm dia UPVC 45 degree bend	Nos	26.00	584.26	15,190.76	
2.4	75 mm dia UPVC Y-Brance	Nos	18.00	584.26	10,516.68	
2.5	110 mm Bend 45 degree bend	Nos	44.00	832.37	36,624.28	

Item No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
2.6	75 mm dia UPVC plain/door Tee.	Nos	21.00	641.76	13,476.96	
2.7	75 mm dia UPVC 90 degree bend	Nos	22.00	584.26	12,853.72	
2.8	110 mm dia UPVC vent cowl	Nos	9.00	437.92	3,941.28	
2.9	110 mm dia UPVC plain door Tee	Nos	30.00	1,016.37	30,491.10	
3.0	110 mm dia UPVC 90 degrees bend	Nos	23.00	832.37	19,144.51	
3.1	110 mm dia Y-Brance	Nos	22.00	1,234.87	27,167.14	
3.2	110 mm dia UPVC pipe clip.	Nos	27.00	48.30	1,304.10	
3.3	110*110 mm dia. PVC p-trap	Nos	-	580.75	-	
	Providing and laying non-pressure NP2 class (light duty) and NP3 class (Heavy duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete.					
3.1	150 mm RCC hume pipe NP2	Rm	90.00	1,814.54	163,308.60	
3.2	1200 mm RCC hume pipe NP3	Rm	63.00	23,724.51	1,494,644.13	
4.0	WATER TRANSFER PUMP					
	Supplying and fixing Electric motor pump single or three phase with base, nut and bolts all complete set (Kirloskar, Compton, Servo or eqvt)					
	2 HP Electric motor water pump multi stage coupled pump (crompton).	Nos	9.00	37,720.00	339,480.00	
4.2	CI Tank cover 24"*24" (50 kg) Square (Locking type)	Nos	20.00	12,437.42	248,748.40	
4.3	CI cover 22"*22" (20 kg)medium Duty	Nos	90.00	6,687.42	601,867.80	
	Total Sanitary cost				6,619,181.11	
	ELECTRICAL WORKS					
Α	Panel & Distribution Boards					
1.0	Distribution board					
1.1	Distribution board 6 way SPN made of mild steel sheet double cover lockable Geco or eqvt. Flush type etc all complete	Set	12.00	3,762.72	45,152.64	
1.2	6-32 Amps SP MCB Geco, North west, ISI or eqvt. For light and power supply	Nos	55.00	430.10	23,655.50	
1.3	6-32 Amps DP MCB Siemens, Geco,Legrend or eqvt. For main	Nos	26.00	1,122.97	29,197.22	
В	Mains, Sub-Mains, Cables & Wires					
1.0	(2*6+1*1.5) sq.mm multistrand flexible cu wire for main in 3/4" HDPE polythene pipe from sub DB to DB etc, all complete		85.00	316.90	26,936.50	
2.0	10 sq.mm 4 core armoured copper cable for main panel board to DB,through Polythene pipe etc, all complete	Rm	100.00	766.88	76,688.00	
С	CIRCUIT CUM POINT WIRING					
1.0	General Service Light/Fan/Exhaust Fan/ Call bell Point Wiring Supply,installation,testing and commissioning of light point /fan point wiring from DB to various points with 2.5 sqmm multistrand flexible cu wire through 1/2" internal dia HDPE conduit concealed via junction box and switch as per drawing and specification including cost of circular box and junction box and switch. Notes: 1) Average length per point = 12.5m Approximately	Point	362.00	1,279.00	462,998.00	

ltem No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
2.0	Power Socket Point Wiring					
	Supply and installation of 16A universal power socket point wiring with 2*4+1*1.5 sq mm multistraned copper wires through pvc listy or 3/4" internal dia HDPE conduit concealed from DB to various points, junction box as per drawing and specification. [Note: Average length per point = 12.5 m Approximately]		55.00	1,485.13	81,682.15	
D	Switch Socket Outlets					
	Supply,installation,interconnection,testing and commissioning of following type of switch socket including GI/PVC box,pvc listy to be installed in specified location and height all complete.					
1.0	1 gang 1 way switch or North west type eqvt.etc all complete.	Nos	1.00	592.82	592.82	
2.0	2 gang 1 way switch or North west type eqvt.etc all complete.	Nos	-	758.42	-	
3.0	3 gang 1 way switch or North west type eqvt.etc all complete.	Nos	-	930.92	-	
4.0	4 gang 1 way switch or North west type eqvt.etc all complete.	Nos	8.00	1,110.32	8,882.56	
5.0	6 gang 1 way switch or North west type eqvt.etc all complete.	Nos	12.00	1,592.17	19,106.04	
6.0	16/6 Amps combined \$/socket flush type north west type or eavt	Nos	55.00	800.97	44,053.35	
E	Light Fixtures/ Fan and Accessories					
1.0	Supply, storing, assembling, installation, testing and commissioning of wall/ceiling, surface/recessed, suspended types CFL/LED lighting fixtures including lamp, power factor improvement capacitor, electronics ballast, controle gear, LED driver etc					
1.1	12W finished surface type LED panel light round/square Wipro/Fiam/Philips or equivalent.	Set	170.00	3,097.23	526,529.10	
1.1	6W focus light LED panel light round/square Wipro/Fiam/Philips or equivalent.	Set	170.00	2,407.23	409,229.10	
F	Supply, installation,interconnection,testing and commisioning and putting into operation of following size of sweep ceiling/exhaust fans as per drawing specification including the adjustment hanging rod and louvers for exhaust fan as required.					
1.1	42 "Ceiling fan Almonard /Bajaj or eqvt.etc all complete.	Set	12.00	4,227.40	50,728.80	
Н	External Works					
1.0	Supply, installation, testing & commissioning of following sizes of PVC insulated multistranded Copper/Aluminium conductor cables/wires of 1.1 KV grade to be lay below ground level through HDPE conduit including cost of providing trance etc for underground conducting and cost of cutting and filling mud as required all complete.					
1.1	4mm2 3 core Armored cable wire through 40mm dia HDPE Conduit(4kgf/cm2) for water pump and blocks	Rm	720.00	443.68	319,449.60	
1.2	2.5mm2 2 core Armored cable wire through 25mm dia HDPE Conduit(4kgf/cm2) for external Post Top Light Pole.	Rm	900.00	271.18	244,062.00	
ı	Supply,Installation and assembling,erection,connecting,testing and commissioning of the following External light fixtures complete with all accessories as required.					

Item No.	Description	Unit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks
	Supply, Erection, Testing and commissioning of 3 meter high 62.5 mm dia steel tubular external light pole suitable for the mounting of specified post top light fixture. The pole shall be embedded 350mm in the ground with concrete foundation as per drawings all complete.	Nos	50.00	7,513.81	375,690.50	
2.0	Post Top External Light Fixtures					
0.0	Supply, installation, interconnection testing & putting into operation of 300 mm dia polycarbonate make post top light fixture to be fixed in above mentioned light pole suitable for 12 W LED bulb complete with all fixing and connecting materials and accessories.	Nos	50.00	4,635.94	231,797.00	
	Total Electrical cost				2,976,430.88	
	Total cost				92,942,646.60	

Government of Nepal Ghodaghodi Municipality Sukhad, Kailali

Project : - Preparation of Mash Location :- Sukhad, Kailali Type of Job: Civil Works

T																	ABS	STRACT SHEET										Blockwise cost									
Description	Unit Site Dev	Community Temp Building & Kuw	ple Ticket G wa Counter	Gazebo Guare shed House	ard Use Chauta	ctari Central Flag	Aarafi space Musi	Museum plaza Water	ter pond Pavillion	Main Gate	Toilet Mo	Market Stall	Generator house	Water Tap	d water tank support	Septic Tank,Soak pit	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks Site Dev	Community	Temple & Ticket Co	nter Gazebo she	d Guard House	Chautari	Central Flag				villion Mo	ain Gate	Toilet Mari	rket Stall Genera	ator Water Tap	Underground	d Overhead	Septic Tank,Soak
Number of bloc	cks 1.00		.00 1.00	8.00 1.		1.00 1.00		7.00	1.00 6.00	1.00	4.00		1.00		Name.					1.00	Building 1.00	1.00	00 8.0		1.00	area 1.00	1.00	7.00	1.00	6.00	1.00	4.00	5.00 house	1.00 6.00	water tank	tank support	and manho
SITE CLEARANCE AND LAYOUT Clearing line site by removing the bushes, trees, concre	ete		1 1			1																													1		
clearing the site by removing the busines, trees, concre- pavement and hard surface whatever at site up to its root dep- including the layout work, marking the trench, construction							.				1																										
permanent reference points along each grid precisely in line at level and including construction of all necessary staff and lab	and 5,324.50	320.93 73.	1.75 26.83	200.00 48.	48.00 280.0	0.00 92.16	92.16	439.81	586.00 216.00	62.16	352.00	201.25	101.25	6.30	40.60 81.0	0 124.96	8,669.66	17.99	155,967.18	95,787.76	5,773.53	1,326.76 48	67 3,598.0	0 863.53	2 5,037.20	1,657.96	1,657.96	7,912.18 10	0,542.14	3,885.84	1,118.26	6,332.48	3,620.49 1,82	21.49 113.34	4 730.39	39 1,457.19	2,248
facilities.	bor				+	++			\rightarrow	\vdash	\vdash																										
EARTHWORK IN EXCAVATION			+	-	+	+		-	\rightarrow	\vdash							-		-								-								+	+	
Excavation in foundations in all type of soils for foundation	ion,						.				1																										
trenches, footing, pits etc. to the required depth including dewatering by manual or mechanical means etc. as p	per						.				1																										
specifications with all contractor's own machinery are equipment's, providing crossing of track, shoring, strutting	ng.						.				1																										
fimbering and buttressing with appropriate materials and all su measures necessary to retain in position the sides of the	uch Cu.m 1,118.24 the	313.81 17.	.46 40.28	59.76 30.	30.75 97.9	7.99 64.91	47.07	194.11	63.29 59.58	117.84	216.96	26.55	35.74	5.22	131.55 81.0	0 290.12	3,012.23	563.82	1,698,355.52	630,486.08	176,932.35	9,844.30 22,71	67 33,693.8	8 17,337.4	7 55,248.72	36,597.56	26,539.01 10	J9,443.10 35	5,684.17 3	3,592.40	66,440.55	22,326.39 1	14,969.42 20,15	3.93 2,943.14	74,170.52	52 45,669.42	163,57
foundation pit and including refilling the excavated material w watering, ramming, leveling the site and disposing off the	the						.				1																										
surplus/unusable earth within 50m all complete as per drawing specifications and instructions of the Engineer.	ngs,						.				1																										
							.				1																										
BACK FILLING & DISPOSAL OF EXCESS SOIL			\perp	-	—	\perp		-	\rightarrow	-	-						-		-	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	
Back filling in foundation and sides of foundation with approve soil obtained from the excavation at site and stacked at site	e ar						.				1																										
brought from outside in layer not exceeding 30 cm thi (compacted thickness) including transportation of soil, spreading	ick ing Cu.m 139.64	283.53 8.	.73 32.93	36.48 7.	7.18 162.1	2.13 96.52	125.27	764.12	25.29 40.56	86.11	114.08	21.80	30.02	1.62		68.92	2,044.93	393.01	803,677.94	54,879.92	111,430.13	3,430.98 12,94	82 14,337.0	0 2,821.8	63,718.71	37,933.33	49,232.36 30	100,306.80 9	9,939.22	5,940.49	33,842.09	44,834.58	8,567.62 11,79	98.16 636.68	4	-	27,08
in required line and level, sprinkling water, ramming, compactive with mechanical rammers, testing, etc., all complete as p							.				1																										
drawing, specification and instructions of the Engineer.			+		+	+		-	\perp	+	+							-																	+	+	
BRICK/BOULDER SOLING Providing and soiling with first class chimney made brick on flat	if in		+++	-	+	+ +		-+	\rightarrow	+							-		-	-	-	-				-		_	-	-	-			+	 	+ +	
floor of building as per drawings, specification and instruction the consultant/Engineer, all complete.		286.43	11.61	118.40 13.	13.21 239.7	9.71 296.56	272.22 2	2,488.50	469.33 246.30		112.16	34.45	61.59				6,040.97	802.45	4,847,576.38	1,115,806.73	229,845.75	- 9,31	44 95,010.0	8 10,600.3	192,355.29	237,974.57	218,442.94 1,99	96,896.83 376	6,613.86	7,643.44	-	90,002.79 2	27,644.40 49,42	2.90 -	-	-	
Providing and laying uncoursed hand packed Dry Rubble Stor	one		+-+		_	+-+	.——		\rightarrow	\vdash	+																								+	+	
soling in foundation, floors of building, retaining wall, steps are ramps with out any special dressing of stone including filling	ing						,																														
interstices with suitable quarry waste or stone chips or qua sand, watering, compacting using appropriate mechanic	cal						, [
compaction means with all contractors materials, handlin placing etc. all complete as per drawings, specifications as	ng, Cu.m 171.00 and	39.60 6.	.13 5.57	13.68 4.	4.62 13.7	.37	,		13.86	7.45	112.16	9.94	3.74	0.84	5.52 6.0	8 15.20	429.16	1,465.19	628,800.94	250,547.49	58,021.52	8,981.61 8,16	11 20,043.8	0 6,769.18	20,175.67	-	-	-	- 2	0,307.53	10,915.67	164,335.71	14,563.99 5,47	79.81 1,230.76	8,087.85	85 8,908.36	22,2
instruction of the Engineer. The complete item including all lead lift.	.a b						,																														
					\perp																																
SAND FILLING Filling sand in floor by sprinkling of water and compaction	by		\bot	-	\pm	\perp		-	$-\Box$	+	\vdash						-		-	-	-	-	-	-	-	-		-	-	-	-				+	4	
abour including lead from 30 m distance as per drawing pecification and instruction of the Consultant/Engineer	ing Cu.m	25.67	1.02	т.	1.32		,	105.00									133.01	817.25	108,702.42	-	20,978.81	- 83	- 60	1,078.7	-	-	- 8	85,811.25	-	-	-	-	-		-	-	
omplete.			+++	-+	+	+		-+	\rightarrow	\vdash	\vdash							\vdash						1	-					_					+	+	
SKAVEL HILING Illing gravel in floor by sprinkling of water and compaction to book including lead from 30 m distance as per drawing.	by		+++	_	+	+ +		-+	\rightarrow	\vdash	\vdash								-		-	-				-			-	-	-			+	-	+ +	
specification and instruction of the Consultant/Engineer							,	168.00									168.00	817.25	137,298.00	-	-	-	-	-	-	-	- 13	37,298.00	-	-	-	-	-	- -	-	-	
complete. 500 MICRON POLYTHENE SHEET	-				士	土		二				-		-			-		-	-	-	-	-	-	-	-		-	-	-	-					# #	
Supplying and laying 500 micron tear proof good qual polythene above the compacted brick soling. The overlaping	ality g of						.				1																										
the sheet must be more than 230mm in all side to preve moisture throught it. The cost should be inclusive of all mater		256.72	- 10.22	13.	3.21		.				1 .				3.0	4 -	283.19	159.20	45,083.85		40,869.82	- 1,62	02 -	2,103.0	3 -	-	-	-	-	-	-	-				483.97	
and labour cost, as per design drawing, specification as instruction of the Engineer, all complete.	and						.				1																										
BRICK/ STONE MASONRY WORKS				-	_	+		-	\longrightarrow	\vdash	\vdash											_							-		-				+	+	
BRICK MASONRY WORKS (1:6 c/s) UPTO GF																	-		-	-	-	-	-	-	-	-		-	-	-	-	-	-			-	
Providing and laying first class chimney fired brick one or mo brick thick wall in cement mortar 1:6 (1 cement : 6 coarse san	ore ndl						.				1																										
in foundation up to ground floor including the cost of single multi stage scaffolding, soaking bricks, curing, raking join	or cum 91.07	91.98	12.47	33.04 10.	.0.01	41.45	35.20	129.15	44.47 14.10	5.02	93.44	3.10	11.16	5.52		84.44	695.62	13,302.17	9,253,255.50	1,078,406.92	1,223,533.60	- 165,87	06 439,503.7	0 133,154.7	2 -	551,374.95	468,236.38 1,71	17,975.26 59	1,547.50 183	7,560.60	66,776.89 1,2	242,954.76 4	41,236.73 148,45	52.22 73,427.98		-	1,123,2
provision for recesses, openings, toothing etc., all complete per drawing, specifications and instructions of the Engineer.							.				1																										
BRICK MASONRY WORKS (1:6 c/s) ABOVE GF			土十	= $+$	\pm	\pm		= $+$	\pm	$\pm \neg$		+	+	_+			-		-	-		-			-				-	_	-				<u> </u>		
Providing and laying first class chimney fired brick one or mo brick thick wall in cement mortar 1:6 (1 cement : 6 coarse san	ore																																				
above ground floor including the cost of single or multi stay	age Cum	73.47					,							5.52			78.99	13,704.90	1,082,550.05		1,006,899.00	-		-	-	-	-	-	-	-	-	-		- 75,651.05		-	
icaffolding, soaking bricks, curing, raking joints, provision t ecesses, openings, toolbring etc., all complete as per drawin positional and toolbring tools.							,																														
pecifications and instructions of the Engineer. RICK MASONRY WORKS (1:4 c/s) UPTO GF			++	-+	+	+		-+	\rightarrow	+	+	-		-					-	-	-	-	-	-	-	-		_	-	-	-	_	_		+	+ +	
Providing and laying first class chimney fired brick one or mo	ore																																				
brick thick wall in cement mortar 1:4 (1 cement : 4 coarse san in foundation up to ground floor including the cost of single	or Cum 41.40	111	.88 1.37		2.36		.			720	16.16	1.70					82.07	13,723.36	1,126,276.16	568,147.10	.	163,033.52 18,80		32,387.13	, .	_		-	_	_	98,808.19 2	221,769.50 2	23,329.71				
multi stage scaffolding, soaking bricks, curing, raking join provision for recesses, openings, toothing etc., all complete	IIIS,	"		1			,			1							02.37		.,.20,270.10													-					
er drawing, specifications and instructions of the Engineer. TONE MASONRY WORKS (1:6 c/s)			+++	-+	+	+		-+	\rightarrow	\vdash	\vdash							\vdash						1	-					_					+	+	
roviding and laying Random Rubble stone masonry works	in in		+	-+	+	+ +		-	+	\vdash	-+						-		-	-	-	-		1		-			-	-	-			+		+ + +	
oundation upto plinth in 1:6 (1 cement : 6 sand) cement mort actualing providing through/bond stone at required interv	rtar val						,	20.45										,		0.7/4.107					471.000.00			84 402 20									
ncluding providing single or multi-stage self standing scaffoldin suring, protection, etc., all complete as per drawing	ng.				64.0	M/	, [294.00									730.07	7,430.62	5,424,872.74	2,764,190.64	-	-			476,079.82	-	- 2,18	84,602.28	-	-	-	-	-				
pecifications and instruction of the engineer.	-		+	\perp	\perp	\perp		$-\!$	\perp	$\perp \perp \perp$	$\perp \perp$													1									$-\!$			\perp	
ONCRETE WORKS C.C. (1:3:6) Works			++	-+	+	+		-+	\rightarrow	+	\vdash	-	-+	-				 	-	-	-	-	-	-	-	-		-	-	-	-	-	-		+ -	+ +	
troviding and laying machine mixed Plain Cement Concrete iominal mix 1:3:6, (1 cement : 3 sand : 6 coarse aggregate) M	e of 410		\top	$\overline{}$	\top		-	\neg																				$\overline{}$						\top			
grade for leveling course in foundations and under floor building, etc. in all level with broken stone aggregate of size n	of						,																														
sularing, etc. in all level with proxen stone aggregate of size in note than 25 mm of approved quality including formwo wherever necessary, dewatering, batching, mixing, transportin	ork Cu.m 236.34	11.19 3.	1.07 3.75	9.60 2.	2.45 9.	9.18 6.77	6.87	31.08	9.00 5.16	3.96	14.60	1.20	1.98	0.54	3.68 3.0	4 9.16	372.62	8,955.75	3,337,091.57	2,116,601.96	100,214.84	27,494.15 33,58	06 85,975.2	0 21,941.5	82,213.79	60,630.43	61,526.00 27	/8,344.71 8/	0,601.75 4	6,211.67	35,464.77	.30,753.95	10,746.90 17,73	2.39 4,836.11	32,957.1	16 27,225.48	82
placing, compacting, curing, including all lead and lift, etc.	all						,																														
omplete as per drawings, specifications and the instructions ne Engineer. .C.C (1:2:4) Works	,		+		+	+		-	\perp	+	+							-																	+	+	
	e of		++	+	+	+ +		+	+	+	\vdash			-			-		-	-	-	-	1	+ -	1	-	-+	-	-	-	-	-+	-	+	-	+ +	
Providing and laying machine mixed Plain Cement Concrete	115	1 1	1 1				.																														
nominal mix 1:2:4, (1 cement : 2 sand : 4 coarse aggregate) M grade for leveling course in foundations and under floor			1 1									1	- 1	1	1	1				1					1	i	1	1	1	1	1				Ti.	1	1
Providing and laying machine mixed Plain Cement Concrete nominal mix 12-4, 11 cement 2 sand : 4 coarse aggregate) M grade for leveling course in foundations and under floor building, etc., in all level with broken stone aggregate of size n more than 25 mm of approved quality including formwone.	not ork Cu.m 117.00	20.54	0.82	120.08 1.	1.06	16.94	14.90		28.54 3.27	1 1	8.88	3.25	5.31		1		340.59	11,009.55	3,749,742.63	1,288,117.35	226,136.16	- 9,02	83 1,322,026.7	6 11,670.12	2 -	186,501.78	164,042.30	- 314	4,212.56	6,001.23	-	97,764.80 3	35,781.04 58,46	0.71 -	-	-	
nominal mix 1:2:4, (1 cement : 2 sand : 4 coarse aggregate) M grade for leveling course in foundations and under floor building, etc., in all level with broken stone aggregate of size n	not ork Cu.m 117.00 ng, all	20.54	0.82	120.08	1.06	16.94	14.90		28.54 3.27		8.88	3.25	5.31				340.59	11,009.55	3,749,742.63	1,288,117.35	226,136.16	- 9,02	83 1,322,026.7	6 11,670.13	-	186,501.78	164,042.30	- 31	4,212.56 3	6,001.23	-	97,764.80	35,781.04 58,4		-	-	

Government of Nepal Ghodaghodi Municipality Sukhad, Kailali

Project : - Preparation of Mash Location :- Sukhad, Kailali Type of Job: Civil Works

- 1						_				1									_		ABSTRACT SHE	EET										Blockwise cost										
Item No.	Description	Unit Site Dev	Community Tem Building & Ku	nple Tick	et Gazeb fer shed	oo Guard House	Chauta	Central Flag	Aarafi space	e Museum plaza	Water pond	Pavillion M	tain Gate	Toilet Mo	Aarket Stall	Generator house	Water Tap	Undergroun Overheed tank supp	Septic Id Tank, Soak p	il Quantily	Rate(NRs.)	Amount (NRs.)	Remarks Site Dev	Community	Temple &	Ticket Counter	Gazebo shed	Guard House	Chautari	Central Flag				avillion	Main Gate	Toilet	Market Stall G	enerator	Water Tap	Underground	Overhead	Septic Tank,Soak pit
	Number of blocks	1.00		1.00 1		8.00 1.00			1.00		100	6.00	100	400	5.00			Name.	and manhol				316 DEV	Building 1.00	Kuwa		8.00		1.00	area	1.00	7.00	100	6.00	1.00	4.00	5.00	house	6.00	water tank		and manhole
	:. FOR R.C.C. (1:1.5:3) WORKS	1.00	1.00	1.00	1.00	0.00	1.0	1.00	1.00	7.00	1.00	8.00	1.00	4.00	5.00	1.00	8.00	1.00	.00 4.0		-		-	-	- 1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.00	4.0
vibrat coars wark crushe and l placir protes specif the co	ding and Joying in position machine mixed and machine feet cement corrected of the ILSS of cement I.S sound is an aggregated with the property of the property of the del time aggregate of approved quality in various locations leight including transportation of concrete to site of ng. compostion, institud to require the analysis cities and curing, etc. all complete as per drawings, lection and the institutions of the fingineer, but security compacts of the property of the property of the property of the property of the property of the property of the property and the property of the property of the property of the property and the property of the property of the property of the property and the property	Cum 2.40	207.94	3.33 14	4.55 16	6.96 11.35	15		0.56	55	3.17	7 13.20	55.85	82.48	1.60	4.20	1.14	59.14 2	0.68 12.4	0 510.9	94 13,482.42	2 6,868,707.67	32,357.81	2,803,534.41	44,896.46	196,169.21	228,661.84	153,025.47	-	-	7,415.33	-	42,739.27 1	77,967.94	752,993.16	1,112,030.00	21,571.87	56,626.16	15,369.96	797,350.32	278,816.45	167,182.01
Suppl	lying and laying centering, shuttering of various pattern works with 19mm thick water proof ply wood & steel																				-						-	-	-	-	-	-			-	-	-	-	-	-	-	
adjust colum includ bracin duty includ pocke appro	whether programment and the desired provides for the conditions mentioned the condition of	Sq.m 76.80	1,662.74 2	112	2.88 166	0.64 91.36	9 26.2	24 30.15	23.42	12 168.00	D 55.40	D 118.56	398.42	812.24	37.30	39.80	11.34	153.15 8	8.56 70.4	4 4,164.	10 1,216.80	5,066,876.88	93,450.24	2,023,222.03	3 32,403.38	137,352.38	195,466.75	111,203.35	31,928.83	36,686.52	28,497.46	204,422.40	67,410.72 1	44,263.81	484,797.46	988,333.63	45,386.64	48,428.64	13,798.51	186,352.92	107,759.81	85,711.3
	REINFORCEMENT ding and fixing in position Fe 500 steel reinforcement of																				-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	
variou includ annec (bindi waste space block: comp	us diameter confirming to retevant is code in R.C.C. was fainty stagletime, outline, bearings, briding with 20 SWO claded wise for fying the reinforcement bors of each junctions ing wite shall not be measured separetely including all or end cut pleces, provision for adequate numbers of se, chairs, provising and placing cerement involate (11) covers, chairs, provising and placing cerement involate (11) covers between the control of the covers, chairs, provising to plength and for the bor length end for the bor length end for the bor length and for the bor length and for the place of the covers of t	Kg 188.40	23,780.41 52	1,713	3.26 1,997	7.04 1,336.44	16		43.18	18	248.85	5 1,554.30	8,768.45 1	11,654.44	251.20	494.55	134.22	6,963,74 2,43	5.08 1,460.1	2 63,547.	146.21	9,291,227.34	27,545.94	5 3,476,933.75	76,532.16	250,495.74	291,987.22	195,403.82	-	-	6,313.35	-	36,384.36 2	227,254.20 1	1,282,035,07	1,703,995.67	36,727.95	72,308.16	19,624.31	1,018,168.43	356,033.05	213,484.15
12.0 FLOOR	RING AND FINISHING WORKS																				-		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-
12.1 flooring FH,Mc with co down	in thick P.C.C. in (1:24) with cement punning (1:1) for ng work with approved floor hardener (Dietlop apelap Fairlop, Sika Chapdatu or equivident floor hardener) approved quality cement, sand & aggregare 12mm and is grade including mixing, laying curing all complete work as new floor.	Sq.m 160.00	518.96	18	3.65	9.97	17							34.80	34.45			24.00	47.0	0 847.8	83 535.42	2 453,945.14	85,667.20	277,861.56	-	9,985.58	-	5,338.14	-	-	-	-	-	-	-	18,632.62	18,445.22	-	-	12,850.08	-	25,164.74
2.2 flooring FH,Mc with of down	secification In thick P.C.C. in [12:4] with cement punning [1:1] for ng work with approved floor hardener (Dreitlap speta) Fairla, Sika Chapadiur or equivent floor hardener) approved quality cement, sand it aggregate 12mm and syade including mixing.laying curing all complete work as secification.	Sq.m	361.42 2	18.09 41	1.35 118	8.40 24.25	15 272.2	24				231.42		-	-	66.40				1,143.5	57 672.96	5 769,576.87	-	243,221.20	18,903.45	27,826.90	79,678.46	16,319.28	183,206.63	-	-	-	- 1	55,736.40	-	-	-	44,684.54	-	-	-	-
Provide 1:1 con claen hard	vection to the control of the contro	Sq.m 200.00		34	4.43	20.44	14							80.24				50.00	141.1	2 526.3	23 262.00	137,872.26	52,400.00	-	-	9,020.66	-	5,355.28	-	-	-	-	-	-	-	21,022.88	-	-	-	13,100.00	-	36,973.44
an wa 2.4 morta	ding and Laying émm. th. parcelain glazed/non glazed files alls and floor of approved colored loid with cement sand at (1:4) firished with white cement including polishing all ablete as per specification and instruction of site Engineer.																				-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	ed file on wall glazed file on floor	Sq.m Sq.m		8.94	1.75	6.13					462.40			202.04 86.60			7.98		_	687.4	49 3,506.22 49 5,089.36			-	31,345.61	59,799.98	-	21,493.13		-	-	- 1,6	21,276.13	-	-	708,396.69 440,738.58	-	-	27,979.64	-	-	-
2.5 Colore includinstruc	ating and Laying kolastone on walls and floor of approved ed laid with cement sand mortar (1:4) finished with grouting filing polishing all complete as per specification and clion of site Ennineer. ding and Laying granite on walls and floor of approved	Sq.m						286.09	251.67	57										537.:			-	-	-	-	-	-	-	636,215.52	559,671.30	-	-	-	-	-	-	-	-	-	-	-
2.6 colore includ	ed laid with cement sand mortar (1:4) finished with grouling ding polishing all complete as per specification and	Sq.m	3	12.88					12.80	178.50	57.14	4								281.	32 5,089.36	1,431,738.76	-	-	167,338.16	-	-	-	-	-	65,143.81	908,450.76	90,806.03	-	-	-	-	-	-	-	-	
Provid	ction of site Enaineer. ding and laying slates on roof with nails and adhesives all olete as per specification and instruction of site Engineer.	Sq.m											141.57	335.28						476.1	85 2,122.89	1,012,300.10	-	-	-	-	-	-	-	-	-	-	-	-	300,537.54	711,762.56	-	-	-	-	-	-
with c single recess	ding and laying flagstone 25mm-37.5 mm cladding on wall cement sand mortar (1-14) finished including the cost of e or multi stage scaffolding, curing, roking joints, provision for use, openings, foothing etc., all complete as per drawing, flications and instructions of the Engineer.	Sq.m											90.48	133.56		39.60	29.10			292.	74 1,937.84	4 567,283.26	-	-	-	-	-	-	-	-	-	-	-	-	175,335.76	258,817.91	-	76,738.46	56,391.14	-	-	
9 (1:4) is steel t as per	ding and laying flagstone 50 mm with cement sand mortar including claening , watering in surface and rubbing with trowel for hard and smooth surface and curing all complete or drawing, specification and instructions of the Engineer.	Sq.m 1,066.00												-						1,066.0	00 2,173.52	2 2,316,972.32	2,316,972.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
Elasto comp apply direct	R PROPHING TREATMENT screte cementificus elastometric water proofing coating 2 oonents capacity per kg 6 sq.ft 2 coat including supply and ring all complete work as per drawing, specification and tion of the engineer.	Sq.m	433.71	49	7.62	5.65	i5											74.00		562.9	98 742.44	4 417,978.83	-	322,003.65	-	36,839.87	-	4,194.79	-	-	-	-	-	-	-	-	-	-	-	54,940.56	-	-
12.5m good plaste the jo	ERING WORKS Int. Th. Cement sand plaster [1:3] work on ceiling surfaces of linkin in perfect line level and plumb including grooving in er whrever shown in drawings including chiselling racking sinks, wellting the surface and curing the work all complete specification and instruction of the consultant/engineer all	Sq.m	598.34	30	0.11	25.86	86							376.12						1,030.	43 410.50	1 422,991.53	-	245,618.57		12,360.16	-	10,615.53	-	-	-	-	-	-	-	154,397.26	-	-	-	-	-	-
12.50r and a include include curing of the	sizete mm. Th. Cement sand plaster [1:4]work on building inner bufer surfaces of good finish in perfect line level and plumb ting grooving in plaster wherever shown in drawings ting chistelling reacking the joints, wetling the surface and g the work all complete as per specification and instruction consultant/engineer all complete.	Sq.m 925.00	1,345.75	108	3.25 218	8.64 152.94	04		61.69	9 787.50	0 105.64	4 80.82	350.61	1,004.68	38.75	37.29	18.90	50.00	141.1	2 5,427.	58 334.71	1,816,665.30	309,606.75	6 450,435.98	-	36,232.36	73,180.99	51,190.55	-	-	20,648.26	263,584.13	35,358.76	27,051.26	117,352.67	336,276.44	12,970.01	12,481.34	6,326.02	16,735.50	-	47,234.2
20mm (Riser, of w FH,Mc 3 of go where joints,	n. Th. Cement sand plaste (1:4)work on floor (neod-dain, oppon, marchaelseplic tankinner wall and floor water tank)with opponsed floor harderer (Deleliop opelop faithp.Sika Chapdur or equivalent floor hardered and finish in perfect file level including growing in plaste ever shown in drawings including chiselling rocking the welling flex surface and curling the work all complete as pecification and instruction of the consultant/lengineer all letter.	Sq.m	13	12.34 34	4.43	20.02	12							77.44				1	2.96	277.	19 419,47	7 116,272.88		-	55,512.66	14,442.35	-	8,397.79	-	-	-	-	-	-	-	32,483.76	-	-	-	-	5,436.33	-

Project: - Preparation of Maste Location: - Sukhad, Kailali Type of Job: Civil Works

pe of Job: Civil Works																		ABST	RACT SHEET																				
		Community Ton	ania Tiakat	Camba	Guard		Central Flag							Generator Woder I	lla darmous	Overhead .	Septic													Blockwise cost									
em Description	Unit Site Dev	Community Tem Building & Ku	uwa Counter	Gazebo r shed	House	Chautari	area Aai	arati space plo	iseum Water	r pond Pavillion	n Main Gate	Toilet Mi	arket Stall	house Water I	lap d water tank	Overhead tank support	ank,Soak pit and manhole	Quantity	Rate(NRs.)	Amount (NRs.)	Remarks Site Dev	Community Building	Temple & Kuwa	licket Counter (Gazebo shed	Guard House	Chautari	Central Flag area	Aarafi space Muse	eum plaza Water	r pond Pavillio	n Main Gate	Toilet	Market	Stall Generator house	Water Tap	Underground water tank	Overhead tank suppor	d Septic Tank,Soak p ort and manho
Number of blocks	1.00	1.00	1.00 1.0	0 8.0	00 1.00	1.00	1.00	1.00	7.00	1.00 6.0	1.00	4.00	5.00	1.00 6	5.00 1.00	4.00	4.00				1.00	1.00	1.00	1.00	8.00	1.00	1.00	1.00	1.00	7.00	1.00	6.00 1.0) 4	4.00	5.00 1.0	00 6.00	1.00		JO 4
3/4X1.5" thick pani patti in cement sand mortar(1:3) in cantiliver portion of slab in perfect line and level racking the joints, wetting																						24,896.94		4,861.12									14,447.						
4.4 the surface and curing the work all complete as per specification and instruction of the consultant/engineer all complete	KITI	187.35	36.5	8								108.72						332.65	132.89	44,205.86		24,096.94	-	4,061.12	-						-		14,447.1	80		-		-	
4.5 2mm thick plain white putty plaster work at ceiling and wall with	Sq.m											97.68						97.68	236.97	23,147.23	-	-	-	-			-						23,147.	7.23		-		-	-
clear line and levelled 15 DOORS AND WINDOWS																		-			-	-	-	-	-		-	-	-		-			-		-		-	
Providing and fixing in position wooden frames in doors and																																							
wondows of specified section (75°100 mm) of seasoned salwood assembled with wooden nails including cost of hold fast, screws																																							
etc and applying two coats of bitumen paint to the surface contacting to walls or other works etc all complete as per	Cu.m	0.38	0.17															0.55	318,644.23	175,254.33	-	121,084.81	54,169.52	-	-	-	-	-	-	-	-	-	-			-			
drawings, specification and instruction of the Engineer.																																							
Making, fitting & fixing pannel carved door shutter including all																																	1	-	_				
15.2 necessary approved quality of hardware fittings all complete as per drawings, specification and instruction of the Engineer.	Sq.m	20.79	2.46															23.25	93,886.38	2,182,858.34	-	1,951,897.84	230,960.49	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
	Sq.m		0.78															0.78	93,886.38	73,231.38	-	-	73,231.38	-	-		-	-	-	-	-					-		-	
16 ALUMINIUM DOOR Providing and fixing Single Panel Casement (Hinged) Door of																		-		-	-	-	-	-		-	-	-	-	-	-		+			-	-	-	+
aluminum section in natural or color anadized/powder coated color Section size (101×45×1.5 mm) fitted with 5 mm clear glass or	Sq.m		1.9	4	3.47							50.80						56.21	12,992.70	730,319.67	-	-	-	25,205.84		45,084.67	-			-			660,029.	1.16		-		-	
9 mm both side laminated board all complete.																																							
17 ALUMINIUM WINDOW Providing and fixing 2 track in sliding window of aluminum					+ +													-		-	-	-	-	-	-	-	-	-	-	-	-		+	-		-		-	
section in naturally anodized or black anodized/powder coated color, Section size (97x40x1.2 mm) fitted with 5 mm clear glass		61.74	4.1	6	5.38							16.92						88.20	8,855.00	781,011.00	_	546,707.70	.	36,836.80		47,639.90		.	.	_	-		149,826.	6.60					
with out fly mesh shutter all complete.				<u></u>																																	<u> </u>		
18 PAINT WORKS																		-		-	-	-	-	-	-	-	-	-	-	-	-		1	-		-	-	-	
18.1 DISTEMPER PAINT Providing and applying two or more coats of washable distemper paint of approved manufacturer and shade over a coat of alkali				+	+	\vdash			_		1	 	-		+	-+			-	-	-	-		-	-	-	-	+ +	-	-	-	-	+	+-		-	-	-	+
resistant cement primer of approved manufacturer as per				1																																	1		
manufacturer's specifications to the surface of wall, ceiling, beams columns, canopies, staircase, lobbies etc., all complete as	Sam	1,491.56	8 48 41 2		72.31							1,135.40						2,779.04	309.06	858,890.10		460,981.53	5,711.43	18,942.29		22,348.13							350,906.	6.72					
per drawings, specifications and instruction. The rates shall include for scraping, washing the surface with water, surface		1,471.55	0.40	.,	72.51							1,100.40						2,77,334	507.50	030,070.10																			
preparation, scaffolding etc., all complete as per the manufacturer's recommendations and as approved by the																																							
Fnoineer 18.2 EXTERIOR WEATHER PAINT																		-		-	-	-	-	-	-	-	-	-	-	-	-		+	_		-		-	+
Painting on Exterior Wall surface with two coats of weather coat (Must be ISO 9001 : 2000 certified company) of approved color																																							
and shade over one coat of primer to give uniform coloring and quality floss finish after proper surface preparation, all complete	Sq.m 925.00	452.53 13	2.34 77.0	7 218.6	64 106.49			61.69	787.50	105.64 80.8	350.61	343.08	38.75	37.29				3,717.45	309.98	1,152,335.15	286,731.50	140,275.25	41,022.75	23,890.16	67,774.03	33,009.77	-	-	19,122.67	244,109.25 32	,746.29 25,05	2.58 108,682.0	9 106,347.	/.94 12,0	11.73 11,559.1		-	-	
as per drawing, specification and instruction of the Engineer, all complete.																																							
18.3 ENAMEL PAINT Two coats of ready made Enamel paints of approved colour																		-		-	-	-	-	-	-	-	-	-	-	-	-		<u> </u>			-		-	
over one coats of primer painting over properly sanded wooden surface and MS circular pipe railing all complete as per	Sq.m 535.00	190.07 3	7.68 4.1	4	5.38						55.64	15.04				111.40		954.37	359.48	343.076.93	192,321.80	68,326.36	13,545.21	1,495.44		1,934.00						- 20,001.4	7 5,406.	6.58				40,046.0	37
specification and instruction of the engineer.	33.30	170.07	4.1		3.30						33.54	15.54						,54.5	557.45	545,076.75	1			.,										-				,	
18.4 CHAPRA POLISH																		-		-	-	-	-	-	-		-	-	-	-	-				-	-		-	
Three coats of chapra polish over properly sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer.	Sq.m	51.98	6.82															58.80	186.53	10,967.96	-	9,695.83	1,272.13	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-
19 METAL WORK																		-		-	-	-	-	-	-	-	-	-	-	-	-					-		-	
Supplying fitting and fixing MS circular/square pipe(medium size) with necessary base plates along with primer paint all complete	Kg 8.357.34	2,500.22 21:	2.44									233.60				4,593.16		15,896.76	161.00	2.559.378.36	1,345,531.74	402,535.42	34,202.84	-									37,609.	9.60		_		739,498.7	76 .
as per drawing specification and instruction of site engineer					\perp																														\bot				
20 GRILL WORK Supply, fabrication and fixing in position of MS Grills for Windows																		-		-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	$\dot{-}$			-	+
opening at Ground Floor, 12mm*12mm Solid Core Square Rod welded on 4.5mm*20mm MS Strip Frame, Horizontal Spacing of																																							
Square Rod should be 100mm c/c and the rod be should be so spaced horizontally that its pair of spacing 100mm should have	Sq.m	29.66	4.1	6	5.38													39.20	2,618.90	102,660.88	-	77,676.57	-	10,894.62	-	14,089.68	-	-	-	-	-	-	-	-	-	-	-	-	-
maximum 300mm clear spacing with each pair, painted with aluminium Paint all complete and as per the approval of Site																																							
Engineer 21 UPVC ROOFING WORK																		-			-	-	-	-	-	-	-	-	-	-	-		+	_	-	-		-	+
3mm UPVC sheet with PMMA coating and mesh (red coloured) roofing including fixing in proper shape & size with all self tapping	Sam			231.5						245.7	74		70.15	92.40				639.83	2,289.02	1,464,583.67		_	.		529.953.91						- 562,54	9.56		- 160,57	74.75 211,505.4	15 -			
screw 3",clips etc as per drawing & instruction of the Engineer, all complete.				201	-					243.7			70.15	72.00				657.65	2,207.02	1,404,000.00											-								
3 mm thick colured UPVC ridge cover(regular/file) for roof including fixing in proper shape & size with all necessary self.	Rm			192.0	00					105.6	50		20.95	6.60				325.15	2,281.20	741,732.18	_	_		-	437,990.40						- 240,89	4.72 -		- 47,79	91.14 15,055.9	2 -			
tapping srrew,clips etc as per drawing & instruction all complete					\perp																													4				1	4
22 ROOF TRUSS Providing and fixing tubular roof trusses with rafters, purlins, wind				+	+	\vdash			_		1	 	-		+	-+			-	-	-	-		-	-	-	-	+ +	-	-	-	-	+	+-		-	-	-	+
fies, brackets etc., made with medium class mild steel tubes and mild steel sections of required sizes, including haisting, fixing in				1																																	1		
position with MS bed plates, shoe angles, anchor bolts etc., and concrete grouting, concreting nut bolts, fabrication, fixing and				1																																	1		
concrete groung, concreting nut boths, touchaid, stand and treated with two coats of anticorrosive paints all complete as per drawings, specifications and instructions of the Engineer. Rate				1																																	1		
shall include preparing shop drawings, obtaining Engineer's or Client's approval, supplying, fabricating, delivering at site,	Kg			6,044.1	16					6,374.8	38		1,663.15	1,927.96				16,010.15	247.67	3,965,233.85	-	-	-	-	1,496,957.11	-	-	-	-	-	- 1,578,86	6.53 -		- 411,9	12.36 477,497.8	35 -	-	-	
hoisting and fixing in position, temporary staging, preparation of surface, applying Zinc chromate/Phosphate primer of one coat																																							
before and one coat after erection including two coats of synthetic enamel paint of approved make and color etc. all																																							
symmetic enamel paint or approved make and color etc. all complete as per drawing, specification and instruction of the Engineer.				1																																	1		
3.0 GYPSUM BOARD FALSE CEILING																		_		-	_	-	-	-	-		-		-	-	-		$\pm -$		= = =	_		-	
Supplying and Installation of 12 mm th. Gypsum board False Ceiling with GI framing and all accessories complete as per												97.68						97.68	989.92	96.695.39										. T	_	.	96,695.	5.39	.		1		
drawing, specification and instruction of the consultant/ Engineer all complete												7/.00						77.60	101.72	10,013.39	_	-	•		-				-	-		-	76,675.	37					
Supplying & fitting 50mm dia. Black iron pipe post c/c 2.0m, 20*20*4mm & 25*25*4mm size mid angle frame for 10 S.W.G.G.I	Sam													66.60				66.60	2.440.40	1/2 001 07										. T	_	.		.	- 163,881.9	25	1		
chain link 2"2" mesh size & 3"20 angle febrication 0.15m fifting all	septili.													Da.aa				66.60	2,460.69	163,881.95	_	-	•		-				-	-		-			- 163,001.9	-			
25 MAIN ENTRANCE GATE Providing and fixing mild steet angle (bracing) 50x50x5 mm, 16			_	1	+						1 -	-			+		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	+	+		-	-	-	+ -
gauge MS sheets and mild steel squure pipes treated with one coats of primer and two coats of enamel paints, all complete as	Sq.m 35.00			1							27.82							62.82	9,552.73	600,102.50	334,345.55		.	.]	_		_	.	_	_	-	- 265,756.9	5	-		_			
detailed in drawing, specification and instructions of the				1							25.02									20,102.00																			
Site clearance work before starting the work and after completion of work including disposing of unused materials away																			50,000.00	50,000.00	50,000.00																		
completion of work including disposing of unused materials away																									-														
completion of work including disposing of unused materials away from site and proper levelling all complete as per instruction of site technician.	LS 1.00																	1.00	30,000.00	30,330.30										-	-			-	51.97 1,504,086.2				

Ghodaghodi Municipality Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

Type of Job: Electrical Works

The second secon				-	$\overline{}$								ABSTRACT SHEET	1						1	1						$\overline{}$
Part	No. Description	of Works		· 1		Guard House		Aarati Space		Toilet			Site Dev	Total Quantity	Rate	Amount (NPR)	Remarks			1	-	Aarati Space		Toilet			Site Dev
Mathematic Confidence Math		No of blocks		1.00	1.00	1.00	1.00	1.00	7.00	4.00	1.00	1.00	1.00					1.00	1.00	1.00	1.00	1.00	7.00	4.00	1.00	1.00	1.00
Exhibits noted to write the last as an entary of the control of th	A Panel & Distribution Boards																										
Control Cont	1 Distribution board				\longrightarrow																						
The property of the property o			Set	2.00	1.00	1.00				4.00	1.00		3.00	12.00	3,762.72	45,152.64		7,525.44	3,762.72	3,762.72	-	-	=	15,050.88	3,762.72	-	11,288.16
Marche Colone Andrew		west, ISI or eqvt. For light and	Nos	8.00	4.00	2.00	1.00	1.00	7.00	16.00	4.00		12.00	55.00	430.10	23,655.50		3,440.80	1,720.40	860.20	430.10	430.10	3,010.70	6,881.60	1,720.40	-	5,161.20
Part	1.3 6-32 Amps DP MCB Siemens, Geco	o,Legrend or eqvt. For main	Nos	4.00	2.00	2.00				8.00	2.00	2.00	6.00	26.00	1,122.97	29,197.22		4,491.88	2,245.94	2,245.94	-	-	-	8,983.76	2,245.94	2,245.94	6,737.82
## Company of the Com	B Mains, Sub-Mains, Cables & Wires				\rightarrow									-		-		-	-	-	-	-	-	-	-	-	-
## 1.00 1.00			Rm	5.00	5.00	5.00				20.00			50.00	85.00	316.90	26,936.50		1,584.50	1,584.50	1,584.50	-	-	-	6,338.00	-	-	15,845.00
Commonwealth of Processes			Rm								50.00		50.00	100.00	766.88	76,688.00		-	-	-	-	-	-	-	38,344.00	-	38,344.00
Supple Production from the Control of England Con	C CIRCUIT CUM POINT WIRING													-		-		-	-	-	-	-	-	-	-	-	-
Segret continuisticional (Austience grower solidal goal) with a continuistic grower with the continuity of the continuit	Supply,installation,testing and corpoint wiring from DB to various p 1 flexible cu wire through 1/2" inter via junction box and switch as including cost of circular box	mmissioning of light point /fan oints with 2.5 samm multistrand and dia HDPE conduit concealed per drawing and specification and junction box and switch.	Point 7	4.00	11.00	7.00	4.00	6.00	140.00	64.00	6.00	-	50.00	362.00	1,279.00	462,998.00		94,646.00	14,069.00	8,953.00	5,116.00	7,674.00	179,060.00	81,856.00	7,674.00	-	63,950.00
## Company of the Com	2 Power Socket Point Wiring													-		-		-	-	-	-	-	=	-	-	=	-
Supply Monthalder Intervience Consisting and Commissioning of the Supply (Apply Consisted Intervience Supply Consisted Intervience	with 2*4+1*1.5 sq mm multistrane or 3/4" internal dia HDPE conduit points, junction box as per	d copper wires through pvc listy t concealed from DB to various drawing and specification.	Point 1	2.00	6.00	3.00	-		-	8.00	4.00	2.00	20.00	55.00	1,485.13	81,682.15		17,821.56	8,910.78	4,455.39	-	-	-	11,881.04	5,940.52	2,970.26	29,702.60
District Plant of Port No. Control Registration Port No. C	D Switch Socket Outlets													-		-		-	-	-	-	-	-	-	-	-	-
2 garg I way with an North west type equitable call complete. Not 9 900 900 900 900 900 900 900 900 900	following type of switch socket in	cluding GI/PVC box,pvc listy to												-		-		-	-	-	-	-	-	-	-	-	-
Signag way withch or North west lype eqvi etc all camplete. Nos 8.00 1.	1 1 gang 1 way switch or North wes	t type eqvt.etc all complete.	Nos			1.00								1.00	592.82	592.82		-	-	592.82	-	-	-	-	-	-	-
4 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate all complete. 8 gang I way switch or North west type eq-viate. 8 gang I way switch or North west type eq-viate. 9 gang I way s	2 2 gang 1 way switch or North wes	t type eqvt.etc all complete.	Nos											-	758.42	-		-	-	-	-	-	-	-	-	-	-
6 gang I way switch or North west type eqvitetic all complete. No. 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.	3 gang 1 way switch or North wes	t type eqvt.etc all complete.	Nos											-	930.92	-		-	-	-	-	-	-	-	-	-	_
1/46 Amps combined \$/sockef flush type or equt Nos 12,00 6,00 3,00 3,00 3,00 4,00 2,00 2,000 55,00 80,097 44,053,35 9,611,64 4,805,82 2,402,91 6,407,76 3,203,88 1,601,94 16,019, 16	4 4 gang 1 way switch or North wes	t type eqvt.etc all complete.	Nos	8.00										8.00	1,110.32	8,882.56		8,882.56	-	-	-	-	-	-	-	-	-
Light Fixures/ Fan and Accessories	5 6 gang 1 way switch or North wes	t type eqvt.etc all complete.	Nos	1.00	1.00	1.00				8.00	1.00			12.00	1,592.17	19,106.04		1,592.17	1,592.17	1,592.17	-	-	-	12,737.36	1,592.17	-	-
Supply, storing, assembling, installation, festing and commissioning of wall/celling , surface/recessed, suspended types CFL/LED lighting fixtures including temp. power factor improvement capacitor, electronics ballast, controle gear, LED driver etc. LED driver etc. LED panel light round/square (square) and commissioning of wall/celling installation, installation of bollowing size of sweep celling/exhaust fans as per drawing specification including the adjustment hanging rod and louvers for exhaust fan as required. Led (4.00	6 16/6 Amps combined S/socket flus	sh type north west type or eqvt	Nos 1	2.00	6.00	3.00				8.00	4.00	2.00	20.00	55.00	800.97	44,053.35		9,611.64	4,805.82	2,402.91	-	-	-	6,407.76	3,203.88	1,601.94	16,019.40
of wall/ceiling fixtures including fatures including tamp, power factor improvement capacitor, electronics ballast, controle gear, LED driver etc 12W finished surface type LED panel light round/square Set 66.00 8.00 6.00 50.00	E Light Fixtures/ Fan and Accessorie	s												-		-		-	-	-	-	-	-	-	-	-	
Wipro/Fiam/Philips or equivalent. 6W focus light LED panel light round/square Wipro/Fiam/Philips or equivalent. 58t	of wall/ceiling , surface/reces lighting fixtures including lam	sed,suspended types CFL/LED p,power factor improvement												-		-		-	-	-	-	-	-	-	-	-	-
6W focus light LED panel light round/square Wipro/Fiam/Philips or equivalent. Supply, installation, interconnection, testing and commissioning and putting into operation of following size of sweep celling/exhaust fans as per drawing specification including the adjustment hanging rod and louvers for exhaust fan as required.		ED panel light round/square	Set 6	6.00	8.00	6.00				64.00	6.00		20.00	170.00	3,097.23	526,529.10		204,417.18	24,777.84	18,583.38	-	-	-	198,222.72	18,583.38	-	61,944.60
Supply, installation, interconnection, testing and commissioning and putting into operation of following size of sweep ceiling/exhaust fans as per drawing specification including the adjustment hanging rod and louvers for exhaust fan as required.	6W focus light LED panel light rou	nd/square Wipro/Fiam/Philips or	Set				4.00	6.00	140.00				20.00	170.00	2,407.23	409,229.10		-	-	-	9,628.92	14,443.38	337,012.20	-	-	-	48,144.60
42 "Ceiling fan Almonard /Bajaj or eavl.etc all complete. Set 8.00 3.00 1.00 12.00 4.227.40 50,728.80 33,819.20 12,682.20 4.227.40	Supply, installation, interconnection putting into operation of following fans as per drawing specifical processors.	g size of sweep ceiling/exhaust tion including the adjustment												-		-		-	-	-	-	-	-	-	-	-	-
	1.1 42 "Ceiling fan Almonard /Bajaj or	eqvt.etc all complete.	Set	8.00	3.00	1.00								12.00	4,227.40	50,728.80		33,819.20	12,682.20	4,227.40	-	-	_	-	-	-	-

Ghodaghodi Municipality Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

Type of Job: Electrical Works

												BSTRACT SHEET														
Item No.	Description of Works		ommunity Building	Ticket counter	Guard House	Central Flag space	Aarati Space	Museum plaza	Toilet	Generator house	Underground water tank	Site Dev	Total Quantity	Rate	Amount (NPR)	Remarks	Community Building	Ticket counter	Guard House	Central Flag space	Aarati Space	Museum plaza	Toilet	Generator house	Underground water tank	Site Dev
	No of blocks		1.00	1.00	1.00	1.00	1.00	7.00	4.00	1.00	1.00	1.00					1.00	1.00	1.00	1.00	1.00	7.00	4.00	1.00	1.00	1.00
Н	External Works												-		-		-	-	-	-	-	-	-	-	-	-
1	Supply, installation, testing & commissioning of following sizes of PVC insulated multistranded Copper/Aluminium conductor cables/wires of 1.1 KV grade to be lay below ground level through HDPE conduit including cost of providing trance etc for underground conducting and cost of cutting and filling mud as required all complete.												-		-		-	-	-	-	-	-	-	-	-	-
1.1	4mm² 3 core Armored cable wire through 40mm dia HDPE Conduit(4kgf/cm²) for water pump and blocks	Rm	50.00	20.00	30.00				500.00		20.00	100.00	720.00	443.68	319,449.60		22,184.00	8,873.60	13,310.40	-	-	-	221,840.00	-	8,873.60	44,368.00
1.2	2.5mm ² 2 core Armored cable wire through 25mm dia HDPE Conduit(4kgf/cm2) for external Post Top Light Pole.	Rm				50.00	100.00	500.00				250.00	900.00	271.18	244,062.00		-	-	1	13,559.00	27,118.00	135,590.00	-	-	=	67,795.00
1	Supply, Installation and assembling, erection, connecting, testing and commissioning of the following External light fixtures complete with all accessories as required.												-		-		-	-	-	-	-	-	-	-	-	-
1	External Post Top Light Pole												-		-		-	-	-	-	-	-	-	-	-	
	Supply, Erection, Testing and commissioning of 3 meter high 62.5 mm dia steel tubular external light pole suitable for the mounting of specified post top light fixture. The pole shall be embedded 350mm in the ground with concrete foundation as per drawings all complete.	Nos										50.00	50.00	7,513.81	375,690.50		-	-	-	-	-	-	-	-	-	375,690.50
2	Post Top External Light Fixtures												-		-		-	-	-	-	-	-	-	-	-	-
	Supply, installation, interconnection testing & putting into operation of 300 mm dia polycarbonate make post top light fixture to be fixed in above mentioned light pole suitable for 12 W LED bulb complete with all fixing and connecting materials and accessories.	Nos										50.00	50.00	4,635.94	231,797.00		-	-	-	-	-	-	-	-	-	231,797.00
1	Total														2,976,430.88		410,016.93	85,024.97	62,570.83	28,734.02	49,665.48	654,672.90	570,199.12	83,067.01	15,691.74	1,016,787.88

Ghodaghodi Municipality Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali Type of Job: Sanitary Works

_										ABSTRACT SHEET												
Item No.	Description Of Works	Unit	Guard House	Water pond	Toilet	Water tap	Undergroun d water tank	Overhead water	Septic tank, soak pit and manhole	Site Dev	Total Quantity	Rate	Amount(NPR)	Remarks	Guard House	Water pond	Toilet	Water tap	Underground water tank	Overhead water tank	Septic tank, soak pit and manhole	Site Dev
	No of Blocks		1.00	1.00	4.00	6.00	1.00	4.00	4.00	1.00					1.00	1.00	4.00	6.00	1.00	4.00	4.00	1.00
Α	SANITARY INSTALLATION																					
1	Supplying and Fixing clay Indian Commode P or S trap, PVC Cistern and Plastic seat cover with pipe connector all complete set (Hindware, Parryware, Classics, bolan or equivalent.)																					
	Indian pattern Commode with PVC low level flushing cistern and seat cover all complete set.	set	1		20.00						21.00	19,375.20	406,879.20		19,375.20	-	387,504.00	-	-	-	-	-
2	Supplying and fixing White glaze Porcelian clay wash basin/ Oval 50*40 cm with brackets 32mm dia p trap, 32mm CP waste coupling CP chain and rubber plug, 15mm*450mm long c.p. pipe connector with mixer etc all complete. (Sanitaryware: Hindware, Parrywareor equivalent). Valve:- jaquar, ark, Ess Ess or equivalent)														-	-	-	-	-	-	-	-
2.1	Indian pattern Porcelain clay white glaze Oval Wash Basin 50x40cm with mixer (jaquar,parryware,or equ. All complete set	set	1		16.00						17.00	10,830.70	184,121.90		10,830.70	-	173,291.20	-	-	-	-	-
2.2	Indian pattern White glazed porceline clay Urinal 46.5X31.5X26.5cm with necessary accessories all complete set .	set			16.00						16.00	5,016.30	80,260.80		-	-	80,260.80	-	-	-	-	-
2.3	Porcelain clay white glaze Indian Pattern 68X30cm size Urinal partation all complete set .	set			12.00						12.00	2,988.28	35,859.36		-	-	35,859.36	-	-	-	-	-
3	Supplying and Fixing Indian pattern C.P. valves with wall flange Including c.p. nipple all complete set.														-	-	-	-	-	-	-	-
3.1	15mm CP Bib Cock	No	2		12.00	18.00				36	68.00	1,270.81	86,415.08		2,541.62	-	15,249.72	22,874.58	-	-	-	45,749.16
3.2.	C.P. 15mm dia Angle valve.	No	3		56.00						59.00	1,551.41	91,533.19		4,654.23	-	86,878.96	-	-	-	-	-
3.3 4	15mm C.P commode spray with 1.2 m. long flexible pipe. Supplying and fixing Indian pattern bathroom accessories all complete	No	'		20.00						21.00	1,725.40	36,233.40		1,725.40	-	34,508.00	-	-	-	-	-
4.1	CP Toilet Paper Holder heavy	No	1		20.00						21.00	753.31	15,819.51		753.31	-	15,066.20	-	-		-	_
	PVC Floor Trap 11*7.5cm (4"*2.5")	No	1		24.00						25.00	521.01	13,025.25		521.01	-	12,504.24	-	-	-	-	-
4.3	CP Soap tray	Set	1		16.00						17.00	800.46	13,607.82		800.46	-	12,807.36	-	-	-	-	-
4.4	Stainless steel towel rod 1.5*45cm (1/2"*18")	Set	1		8.00						9.00	1,554.92	13,994.28		1,554.92	-	12,439.36	-	-	-	-	-
4.5	Looking mirror Modi guard 450*600mm (18"*24") WATER SUPPLY INSTALLATION	No	1		16.00						17.00	1,675.72	28,487.24		1,675.72	-	26,811.52	-	-	-	-	-
1	Supplying and fixing CPVC:- Chlorinated Poly Vinyl Chloride pipe (hot and cold). Or equivalent with CPVC fittings/ specials(Tees, elbows, Unions etc) clamps (m.s. plate with nut and bolt with hexagonal screws for clamp in ceiling,wall), nails, including jointing materials, installation of pipes and specials including making holes on walls or floor and repairing the sams to its original finish, all complete set as per specification and instruction. Pipes to be installed on trenches or walls or floor or duct as per drawings, specifications and instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running metres, fittings etc not payable separately.														-	-	-	-	-	-	-	-
1.1	28.1kg/cm2 (flowguard or ISI Standard.)	Rm	3		48.00	18.00					69.00	321.25	22,166.25		963.75	-	15,420.00	5,782.50	-	-	-	-
1.2	20 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11 CTS. 28.1kg/cm2 (flowguard or ISI Standard.) 32 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11 CTS.	Rm	10		120.00	18.00				15	163.00	373.00	60,799.00		3,730.00	-	44,760.00	6,714.00	-	-	-	5,595.00
1.3	28.1kg/cm2 (flowguard or ISI Standard.)	Rm	40		80.00						120.00	544.44	65,332.80		21,777.60	-	43,555.20	-	-	-	-	-
1.4	40 mm CPVC (Chrorinated Polyvinyl Chloride) Pipe SDR 11 CTS. 28.1kg/cm2 (flowguard or ISI Standard.) Supplying and fixing CPVC:- Chlorinated Poly Vinyl Chloride valve	Rm		200		1,000.00	100	1,000.00		400	2,700.00	737.20	1,990,440.00		-	147,440.00	-	737,200.00	73,720.00	737,200.00	-	294,880.00
2	including jointing materials all complete set as per specification and instruction.														-	-	-	-	-	-	-	-
	15 mm dia CPVC Ball Valve, CTS Socket all complete	Nos								1	1.00	541.04	541.04		-	-		-	-	-	-	541.04
	20 mm dia CPVC Ball Valve, CTS Socket all complete	Nos			8.00						8.00	679.68	5,437.44		-	-	5,437.44	-	-	-	-	-
	25 mm dia CPVC Ball Valve, CTS Socket all complete	Nos	1		4.00						5.00	796.65	0 400 00		1 407 79	-	- 4 701 10	-	-	-	-	-
	32 mm dia CPVC Ball Valve, CTS Socket all complete 40 mm dia CPVC Ball Valve, CTS Socket all complete	Nos			4.00			-			5.00	1,697.78 2,009.71	8,488.90		1,697.78	-	6,791.12	-	-	-	-	
	G.M. 40mm gate valve	Nos		3		6.00	2	4.00			15.00	3,563.97	53,459.55		-	10,691.91	-	21,383.82	7,127.94	14,255.88	-	
3	Supplying and fixing hdpe water tank with cover including drain hole, inlet, outlet, over flow etc. all complete set.												.,		-	-	-	-	-	-	-	-
3.1	1000 ltr. HDPE water tank (extra heavy dutyl) fitting with all complete.	Nos						8.00			8.00	26,776.60	214,212.80		-	-	-	-	-	214,212.80	-	-
C.	SEWER, RAIN AND WASTE WATER INSTALLATION														-	-	-	-	-	-	-	-

Ghodaghodi Municipality Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali Type of Job: Sanitary Works

										ABSTRACT SHEET												
Item No.	Description Of Works	Unit	Guard House	Water pond	Toilet	Water tap	Undergroun d water tank	Overhead water	Septic tank, soak pit and manhole	Site Dev	Total Quantity	Rate	Amount(NPR) Re	emarks Gu	uard House	Water pond	Toilet	Water tap	Underground water tank	Overhead water tank	Septic tank, soak pit and manhole	Site Dev
	No of Blocks		1.00	1.00	4.00	6.00	1.00	4.00	4.00	1.00					1.00	1.00	4.00	6.00	1.00	4.00	4.00	1.00
1	Supplying and fixing UPVC pipe(Soil, Waste, Rain) pipes with all necessary ring gaskets, PVC fittings, including MS clamps, hangers, cutting, jointing, sealing, installation of pipes and specials including making holes and cutting grooves on walls or floor and repairing the same to its original finish. Pipes to be installed on trenches or walls or floor or duct as per drawings specifications (Panchakanya, Prince, Supreme), manufacturer's recommendations, instructions, cleaning of the system, testing and ready for operation. The rate shall include for all labour and materials required. The measurement shall be done for running metres, fittings etc not payable separately.														-	-	-	-	-	-	-	-
1.1	50mm PVC pipe of 6 kg/cm2	Rm	3		48.00	54.00				5	110.00	257.95	28,374.50		773.85	-	12,381.60	13,929.30	-	-	-	1,289.75
1.2	75mm PVC pipe of 6 kg/cm2	Rm	6		48.00					15	69.00	532.66	36,753.54		3,195.96	-	25,567.68	-	-	-	-	7,989.90
1.3	110mm PVC pipe of 6 kg/cm2	Rm	6		60.00					25	91.00	962.18	87,558.38		5,773.08	-	57,730.80	-	-	-	-	24,054.50
2	Supplying and Fixing UPVC specials with O ring rubber washer, Pvc liquid(Solvent cement), Pvc cream, all complete set as per specification and instruction. (Panchakanya, Prince, Supreme)														-	-	-	-	-	-	-	-
2.1	50mm dia UPVC 90 degree bend	Nos	2		32.00	12.00					46.00	224.71	10,336.66		449.42	-	7,190.72	2,696.52	-	-	-	-
2.2	50mm dia UPVC 45 degree bend	Nos	2		32.00	12.00					46.00	223.56	10,283.76		447.12	-	7,153.92	2,682.72	-	-	-	-
2.3	75mm dia UPVC 45 degree bend	Nos	2		24.00						26.00	584.26	15,190.76		1,168.52	-	14,022.24	-	-	-	-	-
2.4	75 mm dia UPVC Y-Brance	Nos	2		16.00						18.00	584.26	10,516.68		1,168.52	-	9,348.16	-	-	-	-	-
2.5	110 mm Bend 45 degree bend	Nos	4		40.00						44.00	832.37	36,624.28		3,329.48	-	33,294.80	-	-	-	-	-
2.6	75 mm dia UPVC plain/door Tee.	Nos	1		20.00						21.00	641.76	13,476.96		641.76	-	12,835.20	-	-	-	-	-
2.7	75 mm dia UPVC 90 degree bend	Nos	2		20.00						22.00	584.26	12,853.72		1,168.52	-	11,685.20	-	-	-	-	-
2.8	110 mm dia UPVC vent cowl	Nos	1		8.00						9.00	437.92	3,941.28		437.92	-	3,503.36	-	-	_	-	-
2.9	110 mm dia UPVC plain door Tee	Nos	2		20.00				8.00		30.00	1,016.37	30,491.10		2,032.74	-	20,327.40	-	-	-	8,130.96	-
3	110 mm dia UPVC 90 degrees bend	Nos	3		20.00						23.00	832.37	19,144.51		2,497.11	-	16,647.40	-	-	-	-	-
3.1	110 mm dia Y-Brance	Nos	2		20.00						22.00	1,234.87	27,167.14		2,469.74	-	24,697.40	-	-	-	-	-
3.2	110 mm dia UPVC pipe clip.	Nos	3		24.00						27.00	48.30	1,304.10		144.90	-	1,159.20	-	-	-	-	-
3.3	110*110 mm dia. PVC p-trap	Nos									-	580.75	-		-	-	-	-	-	-	-	-
3	Providing and laying non-pressure NP2 class (light duty) and NP3 class (Heavy duty) RCC pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of ioints etc. complete.														-	-	-	-	-	-	-	-
3.1	150 mm RCC hume pipe NP2	Rm	30		60.00						90.00	1,814.54	163,308.60		54,436.20		108,872.40	-	-	-	-	-
3.2	1200 mm RCC hume pipe NP3	Rm								63	63.00	23,724.51	1,494,644.13		-	-	-	-	-	-	-	1,494,644.13
4	WATER TRANSFER PUMP														-	-	-	-	-	-	-	-
4.1	Supplying and fixing Electric motor pump single or three phase with base, nut and bolts all complete set (Kirloskar, Compton, Servo or eqvt)														-	-	-	-	-	-	-	-
	2 HP Electric motor water pump multi stage coupled pump (crompton).	Nos		6			2			1	9.00	37,720.00	339,480.00		-	226,320.00	-	-	75,440.00	-	-	37,720.00
	CI Tank cover 24"*24" (50 kg) Square (Locking type)	Nos					2		8.00	10	20.00	12,437.42	248,748.40		-	-	-	-	24,874.84	-	99,499.36	124,374.20
4.3	CI cover 22"*22" (20 kg)medium Duty	Nos							60.00	30	90.00	6,687.42	601,867.80		-	-	-	-	-	-	401,245.20	200,622.60
	TOTAL OF SANITARY WORKS												6,619,181.11	-	152,736.54	384,451.91	1,375,561.96	813,263.44	181,162.78	965,668.68	508,875.52	2,237,460.28

	RATE ANALYSIS SUMMARY		
SN	ltems	Unit	Rate/unit
1	Site Clearance and grass cutting, root digging, breaking sods, clearing ground and carrying away from site	m ²	17.99
2	Earthwork excavation(Manual excavation)in Gravel mixed soil in foundation including stacking the soil 1 m from the edge of the foundation and 30m hauling distance and 3m lift all complete as per instruction by site engineer.	m³	563.82
3	Earthwork excavation (Using hydraulic excavator) in Gravel mixed soil in foundation including stacking the soil 4 m from the edge of the foundation and 30m hauling distance and 3m lift all complete as per instruction by site engineer.	m³	75.56
4	Earthwork in filling by laying 15-15 cm layer soil with spraying water and compacted by labour	m^3	393.01
5	Providing and soiling with first class chimney made brick on flat in floor of building as per drawings, specification and instruction of the consultant/Engineer, all complete.	m ²	802.45
6	Dry stone soling with sand foundation/floor including sand filling in joint levelling ramming to level including sand filling joints.	m ³	1465.19
7	Filling with sand, water spraying and compaction including transportation from 10m distance.	m3	817.25
7	Filling with gravel, water spraying and compaction including transportation from 10m distance.	m3	817.25
8	Single layer of 500 gauge polythene sheet	m ²	159.20
9	First class local chimney made Brickwork in 1:6 C/S mortar on ground floor in perfect line level finished including wetting the bricks,racking the joints and curing the work for at least 7 days all complete.	m3	13302.17
10	First class local chimney made Brickwork in 1:6 C/S mortar above ground floor in perfect line level finished including wetting the bricks,racking the joints and curing the work for at least 7 days all complete.	m3	13704.90
11	First class local chimney made Brickwork in 1:4 C/S mortar upto ground floor in perfect line level finished including wetting the bricks,racking the joints and curing the work for at least 7 days all complete.	m3	13723.36
13	Providing and Laying Rubble masonry works including supply of hard stone blocks, preparing cement mortar (1:6) and construction of wall upto 5 m high (Haulage distance up to 10 m)	m3	7430.62
14	P.C.C. in 1:3:6 (M10)work for levelling in ground with approved quality of cement and sand and crushed stone aggregate including mixing, laying, curing etc all as per instruction and specification all complete.	m³	8955.75
15	P.C.C. in 1:2:4 (M15)work for levelling in ground with approved quality of cement and sand and crushed stone aggregate including mixing, laying, curing etc all as per instruction and specification all complete.	m³	11009.55
16	P.C.C. in 1:1.5:3 (M20) work for levelling in ground with approved quality of cement and sand and crushed stone aggregate including mixing, laying, curing etc all as per instruction and specification all complete.	m³	13482.42
17	RCC with silica	m ³	17622.42
18	19mm ply formwork for beam,column,slab,staircase,lintel,sill etc.	m ²	1216.80
19	Cutting, bending & placing of reinforcement bars in position as shown in the drawings and binding by GI wire for RCC works with 30 m lead all complete	Kg	146.21
20	38 mm PCC(1:2:4) with punning	m ²	535.42
21	50 mm PCC(1:2:4) with punning	m ²	672.96
22	3mm thick 1:1 CS punning	m ²	262.00
23	Glazed tile in 1:4 C/S mortar	m ²	3506.22
24	Unglazed tile in 1:4 C/s mortar	m ²	5089.36
25	Providing and laying slate on roof all complete as per specification and instruction of site Engineer.	m ²	2122.89
25	Providing and laying kotastone all complete as per specification and instruction of site Engineer.	m ²	2223.83
25	Providing and laying granite all complete as per specification and instruction of site Engineer.	m²	5089.36
25	Providing and laying 50 mm flagstone on floor all complete as per specification and instruction of site Engineer.	m²	2173.52
25	Providing and laying 37.5-50 mm flagstone on wall all complete as per specification and instruction of site Engineer.	m ²	1937.84
26	20 mm thick plastering for levelling surface,1:6 cement sand mortar other than ceiling	m ²	386.72
27	12.5 mm thick plastering for levelling surface,1:4 cement sand mortar other than ceiling	m ²	334.71
28	20 mm thick plastering for levelling surface,1:4 cement sand mortar on outer side	m ²	419.47
29	12.5 mm thick lime, surkhi plaster in 1:2 ratio	m ²	602.57

Near coment skirting		RATE ANALYSIS SUMMARY		
Salwood frame Salwood wark for beamjoist.column etc. 8-0" to 12-0" Salwood frame Salwood wark for beamjoist.column etc. 8-0" to 12-0" Supplying and fifting Ready made Teak wood Dears, special [Seasoned and Poisoned treated one side teak] with all necessary hardware all complete. Supplying and fifting Ready made Teak wood Dears, crainary (Seasoned and Poisoned treated one side teak) with all necessary hardware all complete. Supplying and fifting Ready made Teak wood Dears, crainary (Seasoned and Poisoned treated one side teak) with all necessary hardware all complete. Salwood Teak wood Dears, crainary (Seasoned and Poisoned treated one should teak and other side water parcel ply fifting) with all necessary hardware all complete. Providing and teak teak and other side water parcel ply fifting) with all necessary hardware all complete. Providing and teak should be surface on wall, column etc over property cleaned surface all complete. Providing and teak surface all complete and teak should be surface on wall, column etc over property cleaned surface all complete as per property sounded wooden surface with wooden purting all property sounded wooden purti	_		Unit	
Salwood frame Canved door Can				132.89
Name				53.54
Nepali Sal wood work for beamjoist.column etc.(8-0" to 12-0") Supplying and filing Ready made treak wood boors, special (Seasoned and Poisoned treated one side feels) with all necessary hardware all complete. Supplying and filing Ready made Teak wood Doors, special (Seasoned and Poisoned treated one side feels) with all necessary hardware all complete. Supplying and filing Ready made Teak wood Doors, ordinary (Seasoned and Poisoned treated one side teak and other side water proof by fitting) with all necessary hardware all complete. 37 [Who coat dislemper paint with one coat primer to give uniform coloring after rendering the surface on wall column etc. over property cleaned surface all complete. 38 [2 coats of weather coat of approved colour with one coat primer to give uniform coloring after rendering the surface on wall column etc. over property cleaned surface all complete. 40 [2 coats of ready made enamer) paint of approved colour over 1 coats of primer Painting over properly sanded wooden surface all complete as per supply sonded wooden surface all complete. 41 [2 supply validing & Fobricaling MS hips across the supply sonded wooden putting all complete as per specification and instruction of the engineer. 42 [2 supply validing & Fobricaling MS hips across the supply sonded wooden surface with wooden putting all complete as per instruction of the tenchroticing MS hips across the supply and putting and hips of MS gill made in 4.5mm x 20mm size MS patili frame with 12mm x 20mm size MS patilifying and hips of MS gill made in 4.5mm x 20mm size MS patilifying and hips of MS gill made in 4.5mm x 20mm size MS patilifying and hips of MS gill made in 4.5mm x 20mm size MS patilifying and hips of MS gill made in 4.5mm x 20mm size MS patilifying and hips of MS gill made in 4.5mm x 20mm size MS patilifying and hips of MS gill made in 4.5mm x 20mm size MS patilifying and hips of MS gill made in 4.5mm x 20mm size MS patilifying and hips of MS gill made in 4.5mm x 20mm size MS patilifying and hips of MS gill made				318644.23
Supplying and fitting Ready made Teak wood Doors, special (Seasoned and Poisoned treated on a large teak), with all necessary hardware all complete. Supplying and fitting Ready made Teak wood Doors, and any (Seasoned and Poisoned treated complete. Supplying and fitting Ready made Teak wood Doors, and any (Seasoned and Poisoned treated complete.) Two coal distensive property and the supplying and fitting Ready made Teak wood Doors, and the supplying and fitting Ready made to the supplying and fitting Ready made and poisoned treated complete. Two coal distensive property and the surface on wall. Column etc. over property cleaned surface all complete. Three coals of ready made enamel point of approved colour over 1 coats of primer Painting over property sended wooden surface all complete. Three coals of chapter polition and instruction. Supply, wellding a frabitation of the engineer. Supply, wellding a frabitation of the engineer. Supply, wellding a frabitation of the engineer. Supply, stiffing and fixing of MS gill Imade in 4.5mm X 20mm size MS path firme with 12mm X 20mm size MS path firme with 12mm X 12mm and				93886.38
Supplying and fitting Ready made Teals wood Doors ordinary (Seasoned and Paisoned Treated compete). 32 Supplying and fitting Ready made Teals wood Doors ordinary (Seasoned and Paisoned Treated compete). 33 Loos side leak and other side water proof ply filting) with all neccessary hardware all complete. 34 Two coad distemper paint with one coat primer 35 Ecoals of wealther coad of approved colour with one coat primer to give uniform coloring after rendering the surface on wall.column etc over property cleaned surface all complete. 36 In must hick plain white wall putty on ceiling 37 In must hick plain white wall putty on ceiling 38 In must hick plain white wall putty on ceiling 40 In a coad of captro property sanded wooden surface all complete. 41 In a coad of chaptra polish over property sanded wooden surface all complete and property sanded wooden surface all complete. 41 In a specification and instruction of the engineer. 42 Supply, wellding a fabricating MS pipe railing with redoxide point all complete as per specification and instruction. 43 Supply, Ititing and fixing of MS grill made in 4.5 mm X 20mm size MS patti frame with 12mm X 20mm size or square rod grill with sandpapering and prime coal all complete as per specification and instruction. 44 In must be corrected and installation of Grysum board False Ceiling with GI framing and all accessories and providing and laying 0.5 mm thick CGI sheet 45 Providing and fixing tubular roof trusses with ratters, purins, wind fies, brackets etc., made with medium class mild sheet tubes and mild sheet sections 46 Bisdocrete cementification selastometric water proofing coating 2 components capacity per kg 47 Bisdocrete cementification water proofing coating 2 components capacity per kg 48 Bisdocrete cementification of Grysum board false and distance of 10m 49 Chain Link Fence 50 Demolition of vool of CGI sheet with wooden/metal truss and removing the material at a distance of 10m 51 Demolition of vool of CGI sheet with wooden/metal fravis and remov	34			284461.47
33. One side Teck and other side water proof ply filting) with all neccessary hardware all complete. 37. Two coard distemper paint with one coat primer 38. all coard distemper paint with one coat primer 39. all coard of water and one of primer to give uniform coloring after rendering the surface on wall.column etc over properly cleaned surface all complete. 39. all coard of weather coat of approved color with one coat primer to give uniform coloring after rendering the surface on wall.column etc over properly cleaned surface all complete. 40. all coards of ready made enome! pain! of approved color over 1 coats of primer Painting over properly surface with wooden putting all complete as per specification and instruction of the engineer. 41. Supply, welliang a foliatoricing MS pile railing with reddouble paint all complete as per specification and instruction. 52. Supply, welliang a foliatoricing MS pile railing with reddouble paint all complete as per specification and instruction. 52. Supply, welliang a foliatoricing MS pile railing with reddouble paint all complete as per instruction of site incharge. 43. Supply, welliang a foliatoricing MS pile railing with reddouble paint all complete as per instruction of site incharge. 44. Providing and installation of Gypsum board False Ceiling with Gil framing and all accessories complete. 45. Providing and laying 0.5 mm thick CGI sheet 46. Providing and laying 0.5 mm thick CGI sheet 47. Providing and laying 0.5 mm thick CGI sheet 48. Providing and laying 0.5 mm thick CGI sheet 49. Providing and laying 0.5 mm thick CGI sheet 40. Providing and laying 0.5 mm thick CGI sheet 41. Supply, and installation of Gypsum board False Ceiling with Gil framing and all accessories made and all and all accessories made and constructing 2ft wide ridge from 0.5mm plain GI sheet and also fixing 40. Providing and linking supply and applying all complete work. 41. Supply and an all all all all all all all all all	35	,one side teak) with all neccessary hardware all complete.	m ²	8025.54
2 coats of weather coat of approved colour with one coat primer to give uniform coloring after rendering the surface on wall.column etc over properly cleaned surface all complete. 2 coats of ready made enamel point of approved colour over 1 coats of primer Painting over properly sanded weaden surface all complete. 40 2 coats of ready made enamel point of approved colour over 1 coats of primer Painting over properly sanded weaden surface all complete. 41 Three coats of chapta polish over properly sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer. 42 Supply, wellding & tabricating MS pipe railing with redoxide paint all complete as per specification and instruction of the engineer. 43 Supply, iffing and fixing of MS grill made in 4.5mm x 20mm size MS patit frame with 12mm x 2 12mm solid core square rod grill with sandpapering and prime coat all complete as per m² 261 instruction of site incharge. 44 Supplying and Installation of Gypsum board False Ceiling with Gl traming and all accessories complete. 45 Providing and Installation of Gypsum board False Ceiling with Gl traming and all accessories complete. 46 Providing and installation of Gypsum board False Ceiling with Gl traming and all accessories complete. 47 Providing and installation of Gypsum board False Ceiling with Gl traming and all accessories complete. 48 Providing and installation of Gypsum board False Ceiling with Gl traming and all accessories complete. 49 Providing and installation of Gypsum board False Ceiling with Gl traming and all accessories complete. 40 Providing and installation of Gypsum board False Ceiling with Gl traming and all accessories. 41 Elastocrete cementities elastometric water proofing coating 2 components capacity per kg described in a complete work. 42 Elastocrete cementities elastometric water proofing coating 2 components capacity per kg described in a complete work. 43 Legal MS gate 44 Elastocrete cementities elastometric water proofing coating 2 compo	36	,one side teak and other side water proof ply fitting) with all neccessary hardware all		7418.70
ofter rendering the surface on wall.column etc over properly cleaned surface all complete. m² 3.5 2 mm thick plain white wall putty on ceiling a complete. m² 2.5 2 const of ready made enamel point of approved colour over 1 coats of primer Painting over properly sanded wooden surface all complete. m² 3.5 Three coats of Chapira polish over properly sanded wooden surface with wooden putting of the complete as per specification and instruction of the engineer. Supply, wellding & tabricating MS pipe railing with redoxide paint all complete as per specification and instruction. 41 Supply, wellding & tabricating MS pipe railing with redoxide paint all complete as per specification and instruction. 42 Izmm solid core square rod grill with sandpapering and prime coat all complete as per instruction of site incharge. 43 Supplying and Installation of Gypsum board False Ceiling with GI framing and all accessories complete. m² 261 44 Providing and loying 0.5 mm thick CGI sheet m² 262 45 Providing and loying 0.5 mm thick CGI sheet m² 263 46 Providing and fixing tubular roof trusses with rafters, putlins, wind fies, brackets etc., made with medium class mild steel rubes and mild steel sections 46 Providing and fixing tubular roof trusses with rafters, putlins, wind fies, brackets etc., made with medium class mild steel rubes and mild steel sections 47 Elastacrete cementifies evaler proofing a conting 2 components capacity per kg disagrify a safet 2 coat including supply and applying all complete work 48 Is gauge MS garle 49 Chalin Link Fence m² 244 40 Chalin Link Fence m² 244 41 Chalin Link Fence m² 244 42 Chalin Link Fence m² 244 43 Supplying 8 fixing of spiral staircase with 4°-6° black pipe post medium class. 20mm square proper or proof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m m² 264 41 Elastacrea for the m² 254 42 Supplying 8 fixing of spiral staircase with 4°-6° black pipe post medium class. 20mm square proper origing , 22mm handral, width of staircase 90cm in	37	Two coat distemper paint with one coat primer	m ²	309.06
2 coats of ready made enamel point of approved colour over 1 coats of primer Painting over properly sanded wooden surface all complete. 40 Infere coats of chapta polish over properly sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer. 5 Supply, Wellching & Sobricating MS pipe railing with redoxide point all complete as per specification and instruction. 5 Supply, Wellching & Sobricating MS pipe railing with redoxide point all complete as per specification and instruction. 5 Supply, Wellching & Sobricating MS pige railing with redoxide point all complete as per instruction of site incharge 6 Supplying and Institution. 6 Supplying and Institution of Site incharge 7 Supplying and Institution of Site incharge 8 Supplying and Institution of Syssum board False Ceiling with GI framing and all accessories or make a providing and laying 0.5 mm thick CGI sheet 9 Providing and laying 0.5 mm thick CGI sheet 10 Providing and laying 10.5 mm thick CGI sheet 11 Providing and laying 10.5 mm thick CGI sheet 12 Providing and lising lubular roof trusses with rafters, purlins, wind lies, brackets etc., made with medium class mild steel tubes and mild steel sections 12 Elastocrete cementifius elastomatic water proofing coating 2 components capacity per kg 12 Elastocrete cementifius elastomatic water proofing coating 2 components capacity per kg 13 Supplying and Institutions elastomatic water proofing a coating 2 components capacity per kg 14 Seague MS gate 15 Gauge MS gate 16 Gauge MS gate 17 Point in K Pence 19 Demolition of roof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m 19 Demolition of roof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m 19 Demolition of walls TLC and removing the material at a distance of 10m 10 Demolition of roof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m 11 Staircose railing work with 50mm stainless steel pipe bet	38		m²	309.98
Droperly sanded wooden surface all complete. The coars of charge polish over property sanded wooden surface with wooden putting all complete as per specification and instruction of the engineer. Apply, refulling & fabricating MS pipe railing with redoxide point all complete as per specification and instruction of the engineer. Supply, fitting and fixing of MS grill mode in 4.5mm X 20mm size MS patti frame with 12mm X 12mm x 12mm x 12mm solid core square rad grill with sandpapering and prime coat all complete as per instruction of site incharge upplying and Installation of Gypsum board False Ceiling with GI framing and all accessories complete supplying and Installation of Gypsum board False Ceiling with GI framing and all accessories complete. Providing and laying 0.5 mm thick CGI sheet Providing and laying 1.5 mm thick CGI sheet Providing and laying 1.5 mm thick CGI sheet Providing and laying tubular roof frusses with raffers, purlins, wind flies, brackets etc., made with medium class mild steel tubes and mild steel sections Elastocrete cementificus elastometric water proofing coating 2 components capacity per kg 4 saft 2 coat including supply and applying all complete work Bid gauge MS gate Chain Link Fence Demolition of roof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m m² 8.85 Turling Staticase railing work with 50mm stainless steel pipe hand railing with 50mm stainless steel pipe and ground on height 750 to 900 mm as per design drawing & specification & instructon steel incharge. Supplying & fixing of spiral staircase with 4"-6" black pipe post medium class, 20mm square pipe railing, 32mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings Powder coated window Powder coated window with fixed glass Concrete interlocking block Construction of TLC Collapsible Gate Pointing Works Applying Staircase and Staircase process process and mortar on ceiling Mechanically Selvedge Double I wist Wire Mesh Gablon Box (2xIXI)	39	2mm thick plain white wall putty on ceiling	m ²	236.97
complete as per specification and instruction of the engineer. 41 Supply, wellding & fobricating MS pipe railing with redoxide paint all complete as per specification and instruction. 42 Supply, fitting and tixing of MS grill made in 4.5mm X 20mm size MS patti frame with 12mm X 12mm x 12mm x 12mm solid core square rod grill with sandpapering and prime coat all complete as per instruction of site incharge. 43 Supplying and Installation of Gypsum board False Ceiling with GI framing and all accessories complete. 44 Providing and Installation of Gypsum board False Ceiling with GI framing and all accessories complete. 45 Providing and fixing 1 bublar roof fruses with raffers, purlins, wind files, brackets etc., made with medium class mild steel tubes and mild steel sections. 46 Providing and fixing tubular roof truses with raffers, purlins, wind files, brackets etc., made with medium class mild steel tubes and mild steel sections. 47 East a 2 coat including supply and applying all complete work. 48 I 6 gauge MS gate m² 2 246 49 Chain Link Fence m² 2 246 50 Demolition of walls TLC and removing the material at a distance of 10m m² 2 246 51 Demolition of wall with mud mortar and removing the material at a distance of 10m m² 3 25 52 Demolition of wall with mud mortar and removing the material at a distance of 10m m² 3 25 53 Turfing Staircase railing work with 50mm stainless steel pipe hand railing with 50mm stainless steel pipe vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge. 54 Supplying & fixing of spiral staircase with 4°-6° black pipe post medium class. 20mm square pipe pipe railing 3.3mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings 55 Powder coated door m² 1106 66 Construction of TLC 67 Collapsible Gate m² 2 25 68 Desposing of excavated soil m² 25 69 Desposing of excavated soil m² 25 60 Desposing of excavated soil m² 25	40		m ²	359.48
41 Supply, weilding & flobricating MS pipe railing with redoxide paint all complete as per specification and instruction. Kg 16 42 Expectification and instruction. Supply, Iffiting and fixing of MS grill made in 4.5mm X 20mm size MS patit frame with 12mm X 12mm solid core square rod grill with sandpapering and prime coat all complete as per instruction of site incharge m² 261 43 Supplying and Installation of Gypsum board False Ceiling with GI framing and all accessories complete m² 98 44 Providing and fixing tubular roof trusses with rafters, purlins, wind fles, brackets etc., made with medium class mild steel tubes and mild steel sections kg 24 45 Providing and fixing tubular roof trusses with rafters, purlins, wind fles, brackets etc., made with medium class mild steel tubes and mild steel sections kg 24 46 Providing and fixing tubular roof trusses with rafters, purlins, wind fles, brackets etc., made with medium class mild steel tubes and mild steel sections kg 24 47 East corete cementificus elastometric water proofing coating 2 components capacity per kg kg 24 48 16 gauge MS gate m² 95 49 Chain Link Fence m² 24 50 Demolition of walls TLC and removing the material at a distance of 10m	40		m ²	186.53
Supply, fitting and fixing of MS grill made in 4.5mm X 20mm size MS patti frame with 12mm X Supply, fitting and fixing of MS grill made in 4.5mm X 20mm size MS patti frame with 12mm X 12mm solid core square rod grill with sandpapering and prime coat all complete as per instruction of site incharge 43 Supplying and Installation of Gypsum board False Ceiling with Gl framing and all accessories complete complete as per instruction of site incharge 44 Providing and Installation of Gypsum board False Ceiling with Gl framing and all accessories complete Providing and Installation of Gypsum board False Ceiling with Gl framing and all accessories complete Providing and Installation of Gypsum board False Ceiling with Gl framing and all accessories complete Providing and Installation of Gypsum board False Ceiling with Gl framing and all accessories made with medium class mild steel rubes and mild steel sections 44 Providing and fixing tubular roof trusses with rafters, purllins, wind ties, brackets etc., made with medium class mild steel rubes and mild steel sections 45 Elastocrate cementitious elastometric water proofing coating 2 components capacity per kg as grid 2 coat including supply and applying all complete work 46 Elastocrate cementitious elastometric water proofing coating 2 components capacity per kg as grid 2 coat including supply and applying all complete work 47 Elastocrate Cementitious elastometric water proofing a coating 2 components capacity per kg as grid 2 coat including supply and applying all complete work 48 Is gauge MS gate 49 Chain Link Fence 50 Demolition of walls TLC and removing the material at a distance of 10m m² 51 Demolition of walls with mud mortar and removing the material at a distance of 10m m² 52 Demolition of wall with mud mortar and removing the material at a distance of 10m m² 53 Turfing 54 Turfing 55 Demolition of wall with mud mortar and removing the material at a distance of 10m m² 55 Staiccase railling work with 50mm stainless steel pipe hand railing with 50mm st				
12mm solid core square rod grill with sandpapering and prime coat all complete as per instruction of site incharge 261 instruction of site incharge 3 Supplying and Installation of Gypsum board False Ceiling with GI framing and all accessories complete 7	41	specification and instruction.	Kg	161.00
43 complete 44 Providing and laying 0.5 mm thick CGI sheet 45 Providing materials and constructing 2ft wide ridge from 0.5mm plain GI sheet and also fixing m 46 Providing and fixing tubular roof trusses with rafters, purlins, wind ties, brackets etc., made with m 47 Providing and fixing tubular roof trusses with rafters, purlins, wind ties, brackets etc., made with m 48 Elastocrete cementitious elastometric water proofing coating 2 components capacity per kg d. s.g.ft 2 coat including supply and applying all complete work 48 It 6 gauge MS gate m² 2 955 49 Chain Link Fence m² 2 446 50 Demolition of walls TLC and removing the material at a distance of 10m m² 85 51 Demolition of roof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m m² 85 52 Demolition of wall with mud mortar and removing the material at a distance of 10m m² 85 53 Turfing m² 66 54 Staircase railing work with 50mm stainless steel pipe hand railing with 50mm stainless steel pipe vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge. 55 Supplying & fixing of spiral staircase with 4"-6" black pipe post medium class, 20mm square pipe railing , 32mm handrail, width of staircase 90cm including red oxide primer coat and m 1185 56 Powder coated door m² 1087 57 Powder coated window with fixed glass m² 1087 60 Construction of TLC m² 2 61 Collapsible Gate m² 2 62 Pointing Works m² 3 63 Desposing of excavated soil m² 44 64 12.5 mm thick plastering for levelling surface, 1:3 cement sand mortar on ceiling m² 44 65 Mechanically Selvedge Double liwist Wire Mesh Gabion Box (2XIXI)	42	12mm solid core square rod grill with sandpapering and prime coat all complete as per	m²	2618.90
Providing materials and constructing 2ft wide ridge from 0.5mm plain GI sheet and also fixing m Providing and fixing tubular roof trusses with rafters, purlins, wind ties, brackets etc., made with medium class mild steel tubes and mild steel sections 47 Elastocrete cementifious elastometric water proofing coating 2 components capacity per kg & sq.ft 2 coat including supply and applying all complete work 48 If gauge MS gate m² 955 49 Chain Link Fence m² 955 50 Demolition of walls TLC and removing the material at a distance of 10m m² 85 51 Demolition of walls TLC and removing the material truss and removing the material at a distance of 10m m² 85 52 Demolition of vall with mud mortar and removing the material at a distance of 10m m² 85 53 Turfing m² 66 54 Staicase railing work with 50mm stainless steel pipe hand railing with 50mm stainless steel pipe vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge. 55 pipe railing, 32mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings 56 Powder coated door m² 1087 57 Powder coated window with fixed glass m² 1150 60 Construction of TLC m² 1087 61 Collapsible Gate m² 1087 62 Desposing of excavated soil m² 410 63 Desposing of excavated soil wet with Wire Mesh Gabion Box (2x1x1)	43	· · · · - - - · · · · · · · · · ·	m ²	989.92
Providing and fixing tubular roof trusses with rafters, purlins, wind fies, brackets etc., made with medium class mild steel tubes and mild steel sections Floatsocrete cementificous elastometric water proofing coating 2 components capacity per kg for a saft 2 coat including supply and applying all complete work Floatsocrete cementificous elastometric water proofing coating 2 components capacity per kg for a saft 2 coat including supply and applying all complete work Floatsocrete cementificous elastometric water proofing coating 2 components capacity per kg for a saft 2 coat including supply and applying all complete work Floatsocrete cementificous elastometric water proofing coating 2 components capacity per kg for a saft 2 coat including supply and applying all complete work Floatsocrete cementificous elastometric water proofing coating 2 components capacity per kg for a saft 2 coat including supplying a saft 2 coat including supplying all complete work Floatsocrete for a saft 2 coating supply and applying all complete work Floatsocrete for a saft 2 coating supply and applying all complete work Floatsocrete for a saft 2 coating supply and applying all complete work Floatsocrete for a saft 2 coating and 2 components capacity per kg Floatsocrete for mr ² Floatsocrete proofing a saft 2 coating and a saft 2 coating and removing the material at a distance of 10m Floatsocrete proof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m Floatsocrete proof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m Floatsocrete proof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m Floatsocrete proof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m Floatsocrete proof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m Floatsocrete proof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m Floatsocrete proof of CGI sh	44	Providing and laying 0.5 mm thick CGI sheet	m ²	1266.64
medium class mild steel tubes and mild steel sections Elastocrete cementificous elastometric water proofing coating 2 components capacity per kg 6xg.ft 2 coat including supply and applying all complete work 16 gauge MS gate M° 2955 M° 246 Chain Link Fence Demolition of walls TLC and removing the material at a distance of 10m m° 246 Demolition of roof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m Demolition of wall with mud mortar and removing the material at a distance of 10m m° 266 Staicrase railing work with 50mm stainless steel pipe hand railing with 50mm stainless steel pipe vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge. Supplying & fixing of spiral staircase with 4"-6" black pipe post medium class, 20mm square pipe railing , 32mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings Sepowder coated door M° 2007 Powder coated window M° 21156 Concrete interlocking block Construction of TLC M° 276 Collapsible Gate M° 207 Mechanically 80e/edge Double Twist Wire Mesh Gabion Box (2x1x1)	45	Providing materials and constructing 2ft wide ridge from 0.5mm plain GI sheet and also fixing	m	944.93
48 16 gauge MS gate m² 955 49 Chain Link Fence m² 244 50 Demolition of walls TLC and removing the material at a distance of 10m m² 85 51 Demolition of roof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m m² 85 52 Demolition of wall with mud mortar and removing the material at a distance of 10m m³ 85 53 Turfing m² 66 54 Staircase railing work with 50mm stainless steel pipe hand railing with 50mm stainless steel pipe vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge. 55 Supplying & fixing of spiral staircase with 4"-6" black pipe post medium class, 20mm square pipe railing , 32mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings 56 Powder coated door m² 1087 57 Powder coated window with fixed glass m² 1185 58 Powder coated window with fixed glass m² 1150 59 Concrete interlocking block m² 193 60 Construction of TLC m² 26 61 Collapsible Gate m² 625 62 Pointing Works m² 12.5 mm thick plastering for levelling surface, 1:3 cement sand mortar on ceiling m² 41 65 Mechanically Selvedge Double livist Wire Mesh Gabion Box (2x1x1)	46	,	Kg	247.67
Chain Link Fence Demolition of walls TLC and removing the material at a distance of 10m Demolition of roof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m Demolition of roof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m Demolition of wall with mud mortar and removing the material at a distance of 10m m³ Staircase railing work with 50mm stainless steel pipe hand railing with 50mm stainless steel pipe vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge. Supplying & fixing of spiral staircase with 4"-6" black pipe post medium class, 20mm square pipe railing, 32mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings Powder coated door Powder coated window m² 1185 Powder coated window with fixed glass Powder coated window with fixed glass Powder coated window with fixed glass Concrete interlocking block M² Construction of TLC m² Collapsible Gate Pointing Works Desposing of excavated soil Mechanically Selvedge Double Iwist Wire Mesh Gabion Box (2x1x1)	47		m²	742.44
Demolition of walls TLC and removing the material at a distance of 10m m² m² distance of 10m m² distance of 10m m² distance of 10m m³ distance of 10m m² distance of 10m m² distance of 10m m³ distance of 10m m³ distance of 10m m² distance of	48	16 gauge MS gate	m^2	9552.73
Demolition of roof of CGI sheet with wooden/metal truss and removing the material at a distance of 10m m ² distance of 10m m ³ 85 Demolition of wall with mud mortar and removing the material at a distance of 10m m ³ 85 Turfing m ² defect of	49	Chain Link Fence	m ²	2460.69
distance of 10m m³ 85 Demolition of wall with mud mortar and removing the material at a distance of 10m m³ 85 Turfing m² 66 Staircase railing work with 50mm stainless steel pipe hand railing with 50mm stainless steel pipe vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge. Supplying & fixing of spiral staircase with 4"-6" black pipe post medium class, 20mm square pipe railing , 32mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings 56 Powder coated door m² 1087 Fowder coated window m² 1406 Sepowder coated window with fixed glass m² 1150 Concrete interlocking block m² 193 Concrete interlocking block m² 27 Collapsible Gate m² 27 Collapsible Gate m² 27 Besposing of excavated soil m³ 44 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)	50	Demolition of walls TLC and removing the material at a distance of 10m	m ²	80.55
Turfing Staircase railing work with 50mm stainless steel pipe hand railing with 50mm stainless steel pipe vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge. Supplying & fixing of spiral staircase with 4"-6" black pipe post medium class, 20mm square pipe railing, 32mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings 54 Powder coated door Fowder coated window Fowder coated window with fixed glass Fowder coated window with fixed glass Fowder coated window with fixed glass Concrete interlocking block Construction of TLC Machanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1) Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)	51	· ·	m ²	62.77
Staircase railing work with 50mm stainless steel pipe hand railing with 50mm stainless steel pipe vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge. Supplying & fixing of spiral staircase with 4"-6" black pipe post medium class, 20mm square pipe railing , 32mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings 56 Powder coated door m² 1087 57 Powder coated window m² 1406 58 Powder coated window with fixed glass m² 1150 59 Concrete interlocking block m² 193 60 Construction of TLC m² 86 61 Collapsible Gate m² 625 62 Pointing Works m² 27 63 Desposing of excavated soil m³ 44 64 12.5 mm thick plastering for levelling surface, 1:3 cement sand mortar on ceiling m² 41 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)	52	Demolition of wall with mud mortar and removing the material at a distance of 10m	m ³	853.78
vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge. Supplying & fixing of spiral staircase with 4"-6" black pipe post medium class, 20mm square pipe railing, 32mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings 56 Powder coated door m² 1087 57 Powder coated window m² 1406 58 Powder coated window with fixed glass m² 1150 59 Concrete interlocking block m² 193 60 Construction of TLC m² 8 61 Collapsible Gate m² 625 62 Pointing Works m² 27 63 Desposing of excavated soil m³ 42 64 12.5 mm thick plastering for levelling surface, 1:3 cement sand mortar on ceiling m² 41 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)	53	Turfing	m^2	660.37
Supplying & fixing of spiral staircase with 4"-6" black pipe post medium class, 20mm square pipe railing, 32mm handrail, width of staircase 90cm including red oxide primer coat and necessary fittings 56 Powder coated door m² 1087 powder coated window m² 1406 57 Powder coated window with fixed glass m² 1150 58 Powder coated window with fixed glass m² 1150 60 Construction of TLC m² 8 61 Collapsible Gate m² 625 62 Pointing Works m² 27 63 Desposing of excavated soil m³ 44 64 12.5 mm thick plastering for levelling surface,1:3 cement sand mortar on ceiling m² 41 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)	54	vertical post at 2m spacing and three 25mm stainless steel pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site	m	5280.80
57 Powder coated window m² 1406 58 Powder coated window with fixed glass m² 1150 59 Concrete interlocking block m² 193 60 Construction of TLC m² 8 61 Collapsible Gate m² 625 62 Pointing Works m² 27 63 Desposing of excavated soil m³ 42 64 12.5 mm thick plastering for levelling surface,1:3 cement sand mortar on ceiling m² 41 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)	55	pipe railing , 32mm handrail, width of staircase 90cm including red oxide primer coat and	m	11851.62
58 Powder coated window with fixed glass 59 Concrete interlocking block 60 Construction of TLC 61 Collapsible Gate 62 Pointing Works 63 Desposing of excavated soil 64 12.5 mm thick plastering for levelling surface,1:3 cement sand mortar on ceiling 65 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)	56	-	m ²	10872.42
59 Concrete interlocking block m ² 193 60 Construction of TLC m ² 8 61 Collapsible Gate m ² 625 62 Pointing Works m ² 27 63 Desposing of excavated soil m ³ 42 64 12.5 mm thick plastering for levelling surface,1:3 cement sand mortar on ceiling m ² 41 65 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)	57	Powder coated window	m ²	14062.06
59 Concrete interlocking block m ² 193 60 Construction of TLC m ² 8 61 Collapsible Gate m ² 625 62 Pointing Works m ² 27 63 Desposing of excavated soil m ³ 42 64 12.5 mm thick plastering for levelling surface,1:3 cement sand mortar on ceiling m ² 41 65 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)	58	Powder coated window with fixed glass	m ²	11500.00
60 Construction of TLC m² 8 61 Collapsible Gate m² 625 62 Pointing Works m² 27 63 Desposing of excavated soil m³ 42 64 12.5 mm thick plastering for levelling surface,1:3 cement sand mortar on ceiling m² 41 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)	59	-		1930.12
61 Collapsible Gate m ² 625 62 Pointing Works m ² 27 63 Desposing of excavated soil m ³ 42 64 12.5 mm thick plastering for levelling surface,1:3 cement sand mortar on ceiling m ² 41 65 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)		-		82.26
62 Pointing Works m ² 27 63 Desposing of excavated soil m ³ 44 64 12.5 mm thick plastering for levelling surface,1:3 cement sand mortar on ceiling m ² 41 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)				6257.15
63 Desposing of excavated soil m ³ 42 64 12.5 mm thick plastering for levelling surface,1:3 cement sand mortar on ceiling m ² 41 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)				
64 12.5 mm thick plastering for levelling surface,1:3 cement sand mortar on ceiling m ² 41 Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)		-	_	277.00
Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1)		· · ·		447.58
nos 306		· · · · · · · · · · · · · · · · · · ·	nos	3060.15

	RATE ANALYSIS SUMMARY							
SN	ltems	Unit	Rate/unit					
66	Providing and Filling Stone /Boulder in gabion boxes/mattress etc Includingdressing,bedding ,bonding all complete as per Drawing and Technical Specification .	m³	1113.09					
67	Providing and Filling Stone /Boulder in gabion boxes/mattress etc Includingdressing,bedding ,bonding all complete as per Drawing and Technical Specification .	m³	8169.23					
68	Providing and laying 3mm fibre glass sheet	m^2	4642.06					
69	Geotextile	m ²	165.09					
70	Aluminium door	m ²	12992.70					
71	Aluminium window	m ²	8855.00					

Analysis of Rate

1	Site Clearance and grass cutting, root digging, breaking sods, clearing	ground and c	arrying away f	rom site		Unit: 1 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Unskilled	MD	0.023	680.00	15.64	
В	Material					
	Nil					
С	<u>Equipment</u>					
D			Sı	ubtotal (A+B+C)	15.64	
E	Contractor's Overhead@ 15% 0f(D) 2.35					
		17.99				
				Rate per 1 m2	17.99	

2	Earthwork excavation (Manual excavation) in Gravel mixed soil in foundation including stacking the soil 1 m from the edge of the foundation and 30m hauling distance and 3m lift all complete as per instruction by site engineer.					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Unskilled	MD	0.70	680.00	476.00	
В	Material					
	Nil					
С	<u>Equipment</u>					
	@ 3% of (A)	LS	1.00		14.28	
D			Su	btotal (A+B+C)	490.28	
E		Conf	tractor's Overhe	ead@ 15% 0f(D)	73.54	
	Total(D+E) 5				563.82	
			•	Rate per 1 m³	563.82	

3	Earthwork excavation in all type of soil using hydraulic excavation (capacity 0.8 m3) all complete as per instruction by site engineer.					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	Labour					
	Unskilled	MD		680.00		
В	Material					
	Diesel	Lt	0.00	150.50	0.00	
С	<u>Equipment</u>					
	Hydraulic Excavator	m3	1.00	65.70	65.70	
D			Su	btotal (A+B+C)	65.70	
E		Conf	ractor's Overhe	ead@ 15% 0f(D)	9.86	
				Total(D+E)	75.56	
				Rate per 1 m ³	75.56	

4	Earthwork in filling by laying 15-15 cm layer soil with spraying water and compacted by labour					Unit: 1 m ³
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	Labour					
	Unskilled	MD	0.50	680.00	340.00	
В	Material					
	water	ltr	5.00	0.35	1.75	
С	<u>Equipment</u>					
D		•	Si	ubtotal (A+B+C)	341.75	
Е		Con	itractor's Overh	ead@ 15% 0f(D)	51.26	
	Total(D+E) 393.01					
	Rate per 1 m ³ 393.01					

7	Brick soling					Unit: 1 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u> :					
	Skilled	md	0.50	955.00	477.50	
	Unskilled	md	1.00	680.00	680.00	
В	<u>Material</u> :					
	Sand	m3	0.71	211.73	150.33	
	Brick	No	420.00	13.50	5670.00	
С			•	Subtotal (A+B)	6977.83	
D		Contr	actor's Overhe	ad @ 15% of (C)	1046.67	
	Total (C+D)				8024.50	
				Rate per m²	802.45	

5	Dry stone soling with sand foundation/floor including sand filling in joint levelling ramming to level including sand filling joints.						
S. N.	Description Unit Quantity Rate (NRs.) Amount (NRs.)						
Α	<u>Labour</u>						
	Skilled	MD		955.00			
	Unskilled	MD	1.50	680.00	1020.00		
В	Material						
	Stone	m ³	1.00	211.73	211.73		

	River Sand	m ³	0.20	211.73	42.35	
С	<u>Equipment</u>					
	Nil					
D	Subtotal (A+B+C)					
Е		Con	tractor's Overh	ead@ 15% 0f(D)	191.11	
		1465.19				
	Rate per 1 m ²					

6	Filling with sand, water spraying and compaction includin	ng transportation from 10m	distance.			Unit: 1 m3
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :					
	Unskilled	md	0.70	680.00	476.00	
В.	Material:					
	Sand	m3	1.10	211.73	232.90	
	water	lit.	5.00	0.35	1.75	
C.				Subtotal (A+B)	710.65	
D.	Contractor's Overhead @ 15% of (C) 106.60				106.60	
	Total (C+D) 817.				817.25	
				\ Rate per m3	817.25	

6	Filling with sand, water spraying and compaction including	g transportation from 10m	distance.			Unit: 1 m3
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	Labour:					
	Unskilled	md	0.70	680.00	476.00	
В.	Material:					
	Sand	m3	1.10	211.73	232.90	
	water	lit.	5.00	0.35	1.75	
C.				Subtotal (A+B)	710.65	
D.		Contr	actor's Overhe	ad @ 15% of (C)	106.60	
	Total (C+D)					
				\ Rate per m3	817.25	

7	Supplying and laying 500micron tear proof good quality polythene above the compacted boulder stone.					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	Labour					
	Skilled	MD	0.60	955.00	573.00	
	Unskilled	MD	0.60	680.00	408.00	
В	Material					
	500 Micron Polythene Sheet	m2	11.00	36.67	403.37	
D			Si	ubtotal (A+B+C)	1384.37	
E		Con	tractor's Overh	ead@ 15% 0f(D)	207.66	
		1592.03				
				Rate per m2	159.20	

8	First class local chimney made Brickwork in 1:6 C/S mortar on ground floor in perfect line level finished including wetting the bricks,racking the joints and curing the work for at least 7 days all complete.					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	1.50	955.00	1432.50	
	Unskilled	MD	2.20	680.00	1496.00	
	Unskilled	MD	0.20	680.00	136.00	
В	<u>Material</u>					
	Cement	MT	0.07	12000.00	840.00	
	Sand	m ³	0.30	211.73	63.52	
	Brick	Nos	560.00	13.50	7560.00	
	water	ltr	100.00	0.35	35.00	
С	<u>Equipment</u>					
	3% of A	LS	1.00		4.08	
D		<u> </u>	Su	btotal (A+B+C)	11567.10	
Е		Contr	actor's Overhe	ad @15% of (D)	1735.07	
				Total(D+E)	13302.17	
				Rate per 1 m ³	13302.17	

8		rst class local chimney made Brickwork in 1:6 C/S mortar above ground floor in perfect line level finished including wetting the ricks,racking the joints and curing the work for at least 7 days all complete.						
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks		
Α	<u>Labour</u>							
	Skilled	MD	1.50	955.00	1432.50			
	Unskilled	MD	2.20	680.00	1496.00			
	Unskilled	MD	0.70	680.00	476.00			
В	<u>Material</u>							
	Cement	MT	0.07	12000.00	840.00			
	Sand	m ³	0.30	211.73	63.52			
	Brick	Nos	560.00	13.50	7560.00			
	water	ltr	100.00	0.35	35.00			
С	<u>Equipment</u>							
	3% of A	LS	1.00		14.28			
D		· · · · · · · · · · · · · · · · · · ·	Su	btotal (A+B+C)	11917.30			
E		Contr	actor's Overhe	ad @15% of (D)	1787.60			

Rate per 1 m ³	13704.90	
Total(D+E)	13704.90	

9	First class local chimney made Brickwork in 1:4 C/S morta bricks,racking the joints and curing the work for at least 7		t line level finis	hed including w	etting the	Unit:1m³
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	Labour					
	Skilled	MD	1.50	955.00	1432.50	
	Unskilled	MD	2.20	680.00	1496.00	
	Unskilled	MD	0.20	680.00	136.00	
В	<u>Material</u>					
	Cement	MT	0.10	12000.00	1200.00	
	Sand	m ³	0.28	211.73	59.28	
	Brick	Nos	560.00	13.50	7560.00	
	water	Itr	130.00	0.35	45.50	
С	<u>Equipment</u>					
	3% of A	LS	1.00		4.08	
D			Su	btotal (A+B+C)	11933.36	
Е		Contr	actor's Overhe	ad @15% of (D)	1790.00	
				Total(D+E)	13723.36	
				Rate per 1 m³	13723.36	

11	Providing and Laying Rubble masonry works including supply of hard stone blocks, preparing cement mortar (1:6) and construction of wall upto 5 m high (Haulage distance up to 10 m)						
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks	
Α	Labour						
	Skilled	MD	1.50	955.00	1432.50		
	Unskilled	MD	5.00	680.00	3400.00		
В	<u>Material</u>						
	Cement	MT	0.106	12000.00	1272.00		
	Sand	m ³	0.47	211.73	99.51		
	Block stone	m ³	1.00	211.73	211.73		
	Bond stone	m ³	0.10	211.73	21.17		
	water	ltr	70.00	0.35	24.50		
С	<u>Equipment</u>						
D			Su	btotal (A+B+C)	6461.41		
E		Contr		ad @15% of (D)	969.21		
				Total(D+E)	7430.62		
		_		Rate per 1 m ³	7430.62		

12		C.C. in 1:3:6 (M10)work for levelling in ground with approved quality of cement and sand and crushed stone aggregate including nixing, laying, curing etc all as per instruction and specification all complete.					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks	
Α	<u>Labour</u>						
	Skilled	MD	1.00	955.00	955.00		
	Unskilled	MD	4.00	680.00	2720.00		
В	<u>Material</u>						
	Cement	MT	0.22	12000.00	2640.00		
	River Sand	m ³	0.47	211.73	99.51		
	Crushed agg.40mm down	m ³	0.65	1350.00	877.50		
	Crushed agg.20mm down	m ³	0.24	1890.00	453.60		
	water	ltr	120.00	0.35	42.00		
С	<u>Equipment</u>						
	Nil						
D			Su	btotal (A+B+C)	7787.61		
E		Cont	ractor's Overhe	ead@ 15% 0f(D)	1168.14		
			•	Total(D+E+F)	8955.75		

13	P.C.C. in 1:2:4 (M15)work for levelling in ground with approved quality of cement and sand and crushed stone aggregate including mixing, laying, curing etc all as per instruction and specification all complete.					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	1.00	955.00	955.00	
	Unskilled	MD	4.00	680.00	2720.00	
В	<u>Material</u>					
	Cement	MT	0.32	14000.00	4480.00	
	River Sand	m ³	0.445	211.73	94.22	
	Crushed agg.40mm down	m ³	0.52	1350.00	702.00	
	Crushed agg.20mm down	m ³	0.22	1890.00	415.80	
	Crushed agg.10mm down	m ³	0.11	1400.00	154.00	
	water	ltr	150.00	0.35	52.50	
С	<u>Equipment</u>					
	Nil					
D			Su	btotal (A+B+C)	9573.52	

1436.03	Contractor's Overhead@ 15% 0f(D)	E
11009.55	Total(D+E)	

14	P.C.C. in 1:1.5:3 (M20) work for levelling in ground with ap including mixing,laying,curing etc all as per instruction an			ushed stone agg	gregate	Unit: 1 m³
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	0.50	955.00	477.50	
	Unskilled	MD	3.50	680.00	2380.00	
В	<u>Material</u>					
	Cement	MT	0.40	14000.00	5600.00	
	River Sand	m ³	0.425	211.73	89.99	
	Crushed agg.20mm down	m ³	0.57	1890.00	1077.30	
	Crushed agg.10mm down	m ³	0.29	1400.00	406.00	
	Water	ltr	200.00	0.35	70.00	
	Diesel	Itr	3.00	150.50	451.50	
	Petrol	ltr	0.10	165.50	16.55	
С	<u>Equipment</u>					
	Vibrator	Hrs	0.25	120.00	30.00	
	Mixer	Hrs	0.60	1875.00	1125.00	•
D			Su	btotal (A+B+C)	11723.84	
E		Cont	ractor's Overhe	ead@ 15% 0f(D)	1758.58	
				Total(D+E)	13482.42	

16	Plywood formworks with steel adjustable pipe props for flo	oor and slab				Unit: 100 m2
\$. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :					
	Skilled	md	17.20	955.00	16426.00	
	Unskilled	md	25.70	680.00	17476.00	
В.	Material:					
	19mm board	m ²	16.50	1700.00	28050.00	use for 6 times
	Local wood	m ³	0.232	37053.00	8596.30	
	Iron pipes (NMB50-M)	No.	4.40	1810.00	7964.00	
	Iron nails	Kg	25.00	130.00	3250.00	
C.	Equipment:					
	@ 3% of (A)	LS			1017.06	
D.		•	Si	ubtotal (A+B+C)	82779.36	
E.		Contr	actor's Overhed	ad @ 15% of (D)	12416.90	
				Total (D+E)	95196.26	
		_	\	Rate per 1 sq m	951.96	

17	19mm plywood formworks for beam including materials o	and removing with transpotat	tion upto 30m.			Unit: 10 m2
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	Labour:					
	Skilled	md	2.67	955.00	2549.85	
	Unskilled	md	4.00	680.00	2720.00	
В.	Material:					
	ply board	m ²	1.65	1700.00	2805.00	
	local wood	cum	0.039	37053.00	1445.07	
	steel prop	no.	0.40	1810.00	724.00	
	nails	Kg	2.50	130.00	325.00	
C.				Subtotal (A+B)	10568.92	
D.		Contro	actor's Overhed	ad @ 15% of (C)	1585.34	
				Total (C+D)	12154.26	
		_	\!	Rate per 1 sq m	1215.43	

18	19mm plywood formworks for column including materials,erection,nailing, removing with transpotation upto 30m.(formwork on 2m dia column)						
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks	
A.	<u>Labour</u> :						
	Skilled	md	1.574	955.00	1503.17		
	Unskilled	md	2.361	680.00	1605.48		
В.	Material:						
	ply board	m ²	0.6930	1700.00	1178.10		
	local wood	cum	0.019	37053.00	704.01		
	steel nuts	Kg	0.54	186.00	100.44		
	nails	Kg	2.50	130.00	325.00		
C.				Subtotal (A+B)	5416.20		
D.		Contro	actor's Overhed	ad @ 15% of (C)	812.43		
				Total (C+D)	6228.63		
			\	Rate per 1 sq m	1483.01		

19	Mean Rate of formwork					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
	Qty.Column / Shear Wall				1483.01	
	Qty.Beam				1215.43	
	Qty. slab				951.96	
	Total				3650.40	

Mean rate of formwork per sq.m

Note:Wood re-use upto 6 times with 25% salvage value (1.6875x1.1x0.7516=0.232) :Ply re-use upto 6 times with 10% salvage value(100x1.1x0.9/6=16.5) :Pipe re-use upto 15 times with 25% salvage value(88/15x0.75=4.4)

20	Cutting, bending & placing of reinforcement bars in position mlead all complete	on as shown in the drawings	and binding b	y GI wire for RC	C works with 30	Unit: 1 Kg
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :					
	Skilled	md	0.012	955.00	11.46	
	Unskilled	md	0.012	680.00	8.16	
В.	Material:					
	Reinforcement bar (Fe 500)	Kg	1.05	100.60	105.63	
	Binding wire	Kg	0.01	130.00	1.30	
C.	Equipment:					
	@ 3% of (A)	LS			0.59	
D.			Sı	ubtotal (A+B+C)	127.14	
E.		Contro	actor's Overhed	ad @ 15% of (D)	19.07	
				Total (D+E)	146.21	
	\ Rate per 1 Kg 146.2					

21	Providing and Laying 38mm PCC (1:2:4) with 1:1 C/S punr	ning on all rooms				Unit:10 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	1.25	955.00	1193.75	
	Unskilled	MD	2.00	680.00	1360.00	
В	<u>Material</u>					
	Cement	MT	0.13	12000.00	1560.00	
	Sand	m ³	0.18	211.73	38.11	
	Aggregate	m ³	0.36	1400.00	504.00	
С	<u>Equipment</u>					
	Nil					
D			Su	btotal (A+B+C)	4655.86	
E	Contractor's Overhead @15% of (D) 698.38					
	Total(D+E) 535					
				Rate per 1 m²	535.42	

22	Providing and Laying 50mm PCC (1:2:4) with 1:1 C/S punning on terr	ace.				Unit:10 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	1.25	955.00	1193.75	
	Unskilled	MD	2.50	680.00	1700.00	
В	<u>Material</u>					
	Cement	MT	0.17	12000.00	2040.00	
	Sand	m ³	0.23	211.73	48.70	
	20mm Aggregate	m ³	0.46	1890.00	869.40	
С	<u>Equipment</u>					
	Nil					
D		5851.85				
E		877.78				
		6729.63				
		672.96	·			

23	3mm thick 1:1 cement sand punning					Unit:100 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	10.00	955.00	9550.00	
	Unskilled	MD	10.00	680.00	6800.00	
В	<u>Material</u>					
	Cement	MT	0.532	12000.00	6384.00	
	Sand	m ³	0.23	211.73	48.70	
С	<u>Equipment</u>					
	Nil					
D			Su	btotal (A+B+C)	22782.70	
E	Contractor's Overhead @15% of (D) 3417.4					
				Total(D+E)	26200.11	
			•	Rate per 1 m²	262.00	

24	Providing and laying 6mm porcelain glazed tiles on walls and floor of approved colored laid with cement sand mortar(1:4) finished with white cement including polishing all complete as per specification and instruction of site engineer					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :					
	Skilled	md	13.00	955.00	12415.00	
	Unskilled	md	4.50	680.00	3060.00	

В.	Material:					
	Cement	mt.	0.056	12000.00	672.00	
	Sand	cu.m.	0.152	211.73	32.18	
	White Cement	kg	3.228	33.00	106.52	
	Porcelain glazed tile	sq.m.	11.00	1291.20	14203.20	
D.			S	ubtotal (A+B+C)	30488.90	
E.		ad @ 15% of (D)	4573.34			
		35062.24				
		3504 22				

25	Providing and laying kotastone on floor of approved colored laid with cement sand mortar(1:4) finished with white cement including polishing all complete as per specification and instruction of site engineer						
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks	
A.	<u>Labour</u> :						
	Skilled	md	2.00	955.00	1910.00		
	Unskilled	md	4.50	680.00	3060.00		
В.	Material:						
	Cement	mt.	0.063	12000.00	756.00		
	Sand	cu.m.	0.171	211.73	36.21		
	White Cement	mt	3.228	211.73	683.46		
	kotastone	sq.m.	11.00	1172.00	12892.00		
D.	Subtotal (A+B+C) 19337.67						
E.	Contractor's Overhead @ 15% of (D)						
		22238.32					
			\	Rate per 1 sa m	2223.83		

25	Providing and laying 16 to 20 mm th granite on walls and floor of approved colored laid with cement sand mortar(1:4) finished with white cement including polishing all complete as per specification and instruction of site engineer							
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks		
A.	<u>Labour</u> :							
	Skilled	md	2.00	955.00	1910.00			
	Unskilled	md	8.00	680.00	5440.00			
В.	Material:							
	Cement	mt.	0.130	12000.00	1560.00			
	Sand	cu.m.	0.183	211.73	38.75			
	White Cement	mt	3.228	33.00	106.52			
	Granite	sq.m.	11.00	3200.00	35200.00			
D.	Subtotal (A+B+C) 44255.27							
E.		Contro	actor's Overhed	ad @ 15% of (D)	6638.29			
		50893.56						
	\ Rate per 1 sq m							

25	Providing and laying 50 mm th flagstone on floor of approved colored laid with cement sand mortar(1:4) finished with white cement including polishing all complete as per specification and instruction of site engineer							
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks		
A.	<u>Labour</u> :							
	Skilled	md	2.00	955.00	1910.00			
	Unskilled	md	4.50	680.00	3060.00			
В.	Material:							
	cement	mt.	0.063	12000.00	756.00			
	sand	cu.m.	0.171	211.73	36.21			
	flagstone	sq.m.	11.000	1194.36	13137.96			
D.	Subtotal (A+B+C) 18900.17							
E.		Contro	actor's Overhed	ad @ 15% of (D)	2835.03			
		21735.20						
		2173.52						

25	Providing and laying 38.5-50 mm th flagstone on wall of approved colored laid with cement sand mortar(1:4) finished with white cement including polishing all complete as per specification and instruction of site engineer						
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks	
A.	<u>Labour</u> :						
	Skilled	md	2.00	955.00	1910.00		
	Unskilled	md	4.50	680.00	3060.00		
В.	Material:						
	cement	mt.	0.060	12000.00	720.00		
	sand	cu.m.	0.165	211.73	34.94		
	flagstone	sq.m.	11.000	1011.44	11125.84		

D.		S	ubtotal (A+B+C)	16850.78		
E.	Contractor's Overhead @ 15% of (D)					
			Total (D+E)	19378.40		
		\	Rate per 1 sa m	1937.84		

26	Providing and laying slate on roof with nailes all complete	e as per specification and ir	struction of site	Engineer.		Unit:1m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	md	0.40	955.00	382.00	
	Unskilled	md	0.50	680.00	340.00	
В	<u>Material</u>					
	slate	sqm	2.40	452.08	1084.99	
	nails	kg	0.30	130.00	39.00	
С	<u>Equipment</u>					
	Nil					
D		Subtotal (A+B+C) 1845.99		1845.99		
Е		Contractor's Overhead @15% of (D) 276.90				
				Total(D+E)	2122.89	
				Rate per 1 m²	2122.89	

25	Providing and laying 6mm porcelain non glazed tiles on w finished with white cement including polishing all complete.	Unit Quantity Rate (NRs.) Amount (NRs.)	Unit: 10 sq m			
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	Labour:					
	Skilled	md	13.00	955.00	12415.00	
	Unskilled	md	4.50	680.00	3060.00	
В.	Material:					
	Cement	mt.	0.056	211.73	11.86	
	Sand	cu.m.	0.152	33.00	5.02	
	White Cement	mt	3.228	130.00	419.64	
	Porcelain non glazed tile	sq.m.	11.00	0.00	0.00	
D.			Su	ubtotal (A+B+C)	15911.52	
E.		Contro	actor's Overhed	ad @ 15% of (D)	2386.73	
				Total (D+E)	18298.25	
			\	Rate per 1 sq m	1829.83	

25	Providing and laying timber decks all complete as per sp	ecification and instruction of	site engineer			Unit: 10 sq m
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	Labour:					
	Skilled	md	1.50	955.00	1432.50	
	Unskilled	md	0.50	680.00	340.00	
В.	Material:					
	Timber	cu.m.	0.050	218385.00	10919.25	
	nails	kg	0.800	130.00	104.00	
	oil	kg	0.250	200.00	50.00	
	primer	kg	0.50	430.00	215.00	
D.			Subtotal (A+B+C) 13060.75			
E.		Contractor's Overhead @ 15% of (D) 1959.11			•	
				Total (D+E)	15019.86	
			\	Rate per 1 sq m	1501.99	

27	20 mm thick plastering for levelling surface,1:6 cement sand mortar ot	her than ceiling	g			Unit:100 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	14.00	955.00	13370.00	
	Unskilled	MD	19.00	680.00	12920.00	
В	<u>Material</u>					
	Cement	MT	0.570	12000.00	6840.00	
	Sand	m ³	2.35	211.73	497.57	
С	<u>Equipment</u>					
	Nil					
D			Su	btotal (A+B+C)	33627.57	
E	Contractor's Overhead @15% of (D)		5044.14			
				Total(D+E)	38671.71	
				Rate per 1 m²	386.72	

28	12.5 mm thick plastering for levelling surface, 1:4 cement sand mortar other than ceiling				Unit:100 m ²	
S. N.	Description Unit Quantity Rate (NRs.) Amount (NRs.)					Remarks
Α	<u>Labour</u>					
	Skilled	MD	12.00	955.00	11460.00	

				Rate per 1 m ²	334.71	
				Total(D+E)	33470.90	
Ē		Conf	ractor's Overhe	ead @15% of (D)	4365.77	
D			Si	ubtotal (A+B+C)	29105.13	
	Nil					
С	<u>Equipment</u>					
	Sand	m ³	1.46	211.73	309.13	
	Cement	MT	0.538	12000.00	6456.00	
В	<u>Material</u>					
	Unskilled	MD	16.00	680.00	10880.00	

29	20 mm thick plastering for levelling surface, 1:4 cement sa	nd mortar	·			Unit:100 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	14.00	955.00	13370.00	
	Unskilled	MD	19.00	680.00	12920.00	
В	<u>Material</u>					
	Cement	MT	0.81	12000.00	9720.00	
	Sand	m ³	2.20	211.73	465.81	
С	<u>Equipment</u>					
	Nil					
D			Subtotal (A+B+C) 36475.81		36475.81	
E		Contractor's Overhead @15% of (D) 5471.37				
				Total(D+E)	41947.18	
				Rate per 1 m ²	419.47	

30	12.5 mm thick lime, surkhi plaster in 1:2 ratio					Unit:100 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	12.00	955.00	11460.00	
	Unskilled	MD	16.00	680.00	10880.00	
В	<u>Material</u>					
	Lime	MT	0.61	21275.00	12977.75	
	Surkhi	m ³	1.22	14000.00	17080.00	
С	<u>Equipment</u>					
	Nil					
D			Subtotal (A+B+C) 52397.75			
E		Contractor's Overhead @15% of (D) 7859.66				
				Total(D+E)	60257.41	
				Rate per 1 m ²	602.57	

31	3/4X1.5" thick pani patti in cement sand mortar(1:3)					Unit:1 rm
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	0.025	955.00	23.88	
	Unskilled	MD	0.01	680.00	6.80	
В	<u>Material</u>					
	Cement	MT	0.007	12000.00	84.00	
	Sand	m ³	0.004	211.73	0.85	
	Water proofing	lit	0.0001	275.00	0.03	
D		Subtotal (A+B) 115.56				
E		Contractor's Overhead @15% of (D) 17.33				
				Total(D+E)	132.89	
				Rate per 1rm	132.89	

32	Cement sand skirting 100 mm height				Unit:1 m	
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	Cement skirting	rm	1.00	46.56	46.56	
		Subtotal (A) 46.5				
	Contractor's Overhead @15% of (D)					
	Total(D+E) 53.5					
	Rate per 1 rm					

33	Salwood Door and Window frame					Unit: 1 cu.m
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α.	<u>Labour</u>					
	Skilled	MD	34.00	955.00	32470.00	
	Unskilled	MD	3.40	680.00	2312.00	
В.	Material:					
	Agrakh wood	cu.m	1.10	218385.00	240223.50	
	Holdfast	Nos	92.00	18.57	1708.44	
	Screw Nails	Nos	184.00	2.00	368.00	
		•		Subtotal	277081.94	
C.		Contr	actor's Overhed	ad @ 15% of (C)	41562.29	
				Total (C+D)	318644.23	
			1	Rate per cum.	318644.23	

34	Nepali Sal wood work for beam,joist,column etc.(8'-0" to 12'-0")	Unit: 1 cu.m

S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u>					
	Skilled	MD	17.65	955.00	16855.75	
	Unskilled	MD	1.76	680.00	1196.80	
В.	Material:					
	Agrakh wood	cu.m	1.05	218385.00	229304.25	
	Screw Nails	Nos	0.50	2.00	1.00	
				Subtotal	247357.80	
C.	Contractor's Overhead @ 15% of (C					
		284461.47				
		284461.47				

35	Carved door					Unit: 2.3522Sqm
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u>					
	Head Carver	MD	6.00	955.00	5730.00	
	Carver	MD	47.00	955.00	44885.00	
	Carpenter	MD	4.00	955.00	3820.00	
	Labour	MD	6.00	680.00	4080.00	
В.	Material:					
	Agrakh wood	cu.m	21.57	6190.05	133519.38	
	Subtotal 192034.					
C.	Contractor's Overhead @ 15% of (C) 28805.16					
	Total (C+D) 220					
		93886.38				

36	Supplying and fitting ready made Teak wood doo hardware all complete.	ors,special (Seasoned and Poisoned	treated one sid	le teak) with all	necessary	Unit:sqm
S. N.		Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	Labour					
	Skilled	MD	1.61	955.00	1537.55	
	Unskilled	MD	0.161	680.00	109.48	
В	<u>Material</u>					
	Readymade teak wood	m2	1.10	3228.00	3550.80	
	Wooden listy	r.m.	7.434	59.04	438.90	
	Gum	L.S.			20.00	
	100mm Hinge	Nos	3.00	30.00	90.00	
	150mm tower bolt	Nos	2.00	42.00	84.00	
	Mortis lock(Ordinary)	Nos	1.00	1128.00	1128.00	
	Screw nail	L.S.			20.00	
D	Subtotal (A+B+C) 6978.73				6978.73	
Е		Contr	actor's Overhe	ad @15% of (D)	1046.81	
				Total(D+E)	8025.54	
				Rate per 1 m2	8025.54	

37	Supplying and fitting ready made Teak wood doors, special (Seasoned and Poisoned treated one side teak, and other side water proof ply fittings) with all necessary hardware all complete.					
S. N.		Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	1.61	955.00	1537.55	
	Unskilled	MD	0.161	680.00	109.48	
В	<u>Material</u>					
	Readymade teak wood	sq.m	1.00	3023.11	3023.11	
	Wooden listy	rm	7.434	59.04	438.90	
	Gum	L.S.			20.00	
	100mm Hinge	Nos	3.00	30.00	90.00	
	150mm tower bolt	Nos	2.00	42.00	84.00	
	Mortis lock	Nos	1.00	1128.00	1128.00	
	Screw nail	L.S.			20.00	
D		<u> </u>	Su	btotal (A+B+C)	6451.04	
E		Contro	actor's Overhe	ad @15% of (D)	967.66	
				Total(D+E)	7418.70	
	Rate per 1 m2					

38	Colouring with Two coats emulsion paint with one coat pri wall,ceiling,column,beam,etc as per specification and ins		Unit:100 m ²			
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	Labour					
	Skilled	MD	5.80	955.00	5539.00	
	Unskilled	MD	5.80	680.00	3944.00	
В	<u>Material</u>					
	Washable emulsion	LT	16.00	892.00	14272.00	
	Primer	LT	8.00	390.00	3120.00	
С	<u>Equipment</u>					
	Nil					
D	Subtotal (A+B+C) 26875.00					
Е	Contractor's Overhead @15% of (D) 4031.25					

30906.25	Total(D+E)
30906.25	Rate per 100 m ²
309.06	Rate per 1 m ²

39	2 coats of apex paint (weather coat) of approved colour on wall, column etc over properly cleaned surface all com		e uniform colori	ng arrer renderii	ng the sufface	Unit:100 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	5.80	955.00	5539.00	
	Unskilled	MD	5.80	680.00	3944.00	
В	<u>Material</u>					
	Apex paint	LT	16.00	892.00	14272.00	
	Primer	LT	8.00	400.00	3200.00	
С	<u>Equipment</u>					
	Nil					
D			Su	btotal (A+B+C)	26955.00	
E		Cont	ractor's Overhe	ad @15% of (D)	4043.25	
	Total(D+E)					
	Rate per 100 m ² Rate per 1 m ²				30998.25	
					309.98	

40	2mm thick plain white wall putty on ceiling					Unit:10 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	1.00	955.00	955.00	
	Unskilled	MD	1.00	680.00	680.00	
В	<u>Material</u>					
	Wall putty	kg	10.64	40.00	425.60	
D		•	Si	ubtotal (A+B+C)	2060.60	
E		Cont	ractor's Overhe	ead @15% of (D)	309.09	
				Total(D+E)	2369.69	
	Rate per 100 m ²					
				Rate per 1 m ²	236.97	

41	2 coats of ready made enamel paint of approved colour over 1 coats of primer Painting over properly sanded wooden surface all complete.					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	12.00	955.00	11460.00	
	Unskilled	MD	8.00	680.00	5440.00	
В	<u>Material</u>					
	Primer	LT	8.10	390.00	3159.00	
	Enamel paint	LT	16.00	700.00	11200.00	
С	<u>Equipment</u>					
	Nil					
D			Su	ibtotal (A+B+C)	31259.00	
E	Contractor's Overhead @15% of (D)				4688.85	
	Total(D+E)					
	Rate per 100 m ²					
				Rate per 1 m ²	359.48	

41	3 coats of chapra polish of approved colour over 1 coats of putting over properly sanded wooden surface all complete.					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	10.00	955.00	9550.00	
	Unskilled	MD	5.00	680.00	3400.00	
В	<u>Material</u>					
	Chapra	kg	2.00	760.00	1520.00	
	Spirit	LT	10.00	175.00	1750.00	
С	<u>Equipment</u>					
	Nil					
D		•	Su	btotal (A+B+C)	16220.00	
Е		Cont	ractor's Overhe	ad @15% of (D)	2433.00	
	Total(D+E)					
	Rate per 100 m ²				18653.00	
	Rate per 1 m ²				186.53	

42	Providing & fixing of MS grill with sanded and one coat red oxide					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :					
	Skilled	md				
	Unskilled	md				
В.	Material:					
	all types of black pipes making and fixing	kg	1.00	140.00	140.00	
	primer paint	LS				
C.	Equipment:					

	@ 3% of (A)	LS			
D.		140.00			
E.		21.00			
		161.00			
			\ Rate per 1 kg	161.00	

43	Supply,fitting and fixing of MS grill made in 4.5mm X 20mm size MS patti frame with 12mm X 12mm solid core square rod grill with sandpapering and prime coat all complete as per instruction of site incharge					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α.	<u>Labour</u> :					
	Skilled	md	0.70	955.00	668.50	
	Unskilled	md	0.60	680.00	408.00	
A.	Material:					
	4.5mm X 20mm size MS patti frame	kg	28.24	144.00	4066.56	
	Making and fixing 12mm X 12mm solid core square rod grill	kg	215.00	82.00	17630.00	
C.		<u> </u>	l	Subtotal	22773.06	
D.		Contr	actor's Overhed	ad @ 15% of (C)	3415.96	
	Total (C+D)					•
			\	Rate per sq. m.	2618.90	

	Supplying and Installation of Gypsum board False Ceiling with GI framing and all accessories complete as per drawing, specification and instruction of the consultant/ Engineer all complete						
S. N.	Description Unit Quantity Rate (NRs.) Amount (NRs.)						
A.	12.5mm thick Gypsum Board False ceiling including all necessary material	Sq.m	1.00	860.80	860.80		
В.				Subtotal	860.80		
C,	Contractor's Overhead @ 15% of (D) 129.1						
	Total (B+D) 989.92						
	\ Rate per m2 985						

45	Providing and laying 0.5 mm thick Coloured CGI sheet					Unit: 10 m²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	Labour:					
	Skilled	md	1.10	955.00	1050.50	
	Unskilled	md	1.25	680.00	850.00	
В.	Material:					
	CGI sheet 24 gaze (0.5 mm)	m ²	12.00	642.04	7704.48	
	8 mm nut bolt	nos.	30.00	31.00	930.00	
	J hook	nos.	25.00	10.29	257.25	
	Bitumen washer	nos.	55.00	3.00	165.00	
C.	Equipment:					
	@ 3% of (A)	LS			57.02	
D.			Sı	ubtotal (A+B+C)	11014.25	
E.	Contractor's Overhead @ 15% of (D) 16					
		12666.39	•			
				\ Rate per 1 m²	1266.64	

46	Providing materials and constructing 2ft wide ridge from 0.5mm plain GI sheet and also fixing						
S. N.	Description		Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :						
	Skilled		md	2.00	955.00	1910.00	
	Unskilled		md	3.00	680.00	2040.00	
В.	Material:						
	Coloured Plain sheet (0.5 mm)		RM	12.00	349.73	4196.76	
	8 mm nut bolt		LS			70.00	
C.	Equipment:						
D.				Sı	ubtotal (A+B+C)	8216.76	
E.	Contractor's Overhead @ 15% of (D) 1232.51					1232.51	
					Total (D+E)	9449.27	
					\ Rate per 1 rm	944.93	
		Per m ²	1574.88				

47	Providing & fixing of MS truss with one coat red oxide					Unit: 18.94 kg
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :					
	Skilled	md	0.687	955.00	656.09	
	Unskilled	md	0.781	680.00	531.08	
В.	Material:					
	all types of black pipes making and fixing	kg	18.94	145.00	2746.30	
	primer paint	LS			110.00	
C.	Equipment:					
	@ 3% of (A)	LS			35.62	
D.			Sı	ubtotal (A+B+C)	4079.09	
E.	Contractor's Overhead @ 15% of (D) 611.86					

4690.95	lotal (D+E)	
247.67	\ Rate per 1 ka	

48	GI Fascia (eaves)					Unit: 10 m ²
\$. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
	<u>Labour</u> :					
A.	Skilled	md	1.10	955.00	1050.50	
	Unskilled	md	1.25	680.00	850.00	
	<u>Material</u> :					
В.	1.2mm GI folded plate	m ²	12.00	311.40	3736.80	
	8 mm nut bolt	nos.	30.00	31.00	930.00	
	J hook	nos.	25.00	10.29	257.25	
	Bitumen washer	nos.	55.00	3.00	165.00	
C.				Subtotal (A+B)	6989.55	
D.		Contro	actor's Overhe	ad @ 15% of (C)	1048.43	
				Total (C+D)	8037.98	
				Rate per 1 m²	803.80	
				Rate per 1 Kg	200.95	

49	Elastocrete cementitious elastometric water proofing coating 2 components capacity per kg 6 sq.ft 2 coat including supply and applying all complete work as per drawing, specification and direction of the engineer .						
S. N.	Description Unit Quantity Rate (NRs.) Amount (NRs.)						
	Elastocrete cementitious elastometric water proofing coating 2						
	components capacity per kg 6 sq.ft 2 coat	m2	1.00	645.60	645.60		
D	Subtotal (A+B+C)						
E	Contractor's Overhead@ 15% 0f(D) 96.84						
	Rate per m2 742.44						

50	Providing and fixing mild steel angle (bracing), 50*50*5mm ,16 gauge MS sheets and mild steel sqaure pipes treated with one coats of primer and two coats of enamel paint, all complete as detailed in drawing, specification and instructions of the Engineer.						
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks	
A.	Labour:						
	Skilled	md					
	Unskilled	md					
В.	Material:						
	Metal Gate	sq.m	10.00	8306.72	83067.20		
C.			-	Subtotal	83067.20		
D.	Contractor's Overhead @ 15% of (C) 12460.0						
	Total (C+D) 95527.28						
	\ Rate per sa. m. 9552.73						

51	Providing 1.5 meter high chain link fence having mesh size 50mm x 50mm woven with SWG 10 heavy GI coated wire with 50x50x5 mm ISA line post spaced at 2.5 meter center to center, 50x50x5 mm corner and end post, 50x50x5 mm ISA bracing post at every 15 meter straight run and at every change in direction more than 15 degree and at end and corner post, 40x40x4 mm ISA top and bottom rail including installation of all post by excavating hole (300x300x600) and filling with concrete 1:2:4 (1 cement: 2 sand: 4 stone aggregate 20 mm and down grade), rails, stretching chain link fabric, fixing chain link fabric securely in all post, top and bottom rail, etc., all complete as per drawings, specification and instruction of the Engineer.
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Unit: 15 m2

	Ra	te analysis for 15 Sqr	m			
S. N.	Description	Quantity	Unit	Rate (NRs.)	Amount (NRs.)	Remarks
Labour	Skilled	7.00	No.	955.00	6685.00	
Labour	Unskilled	5.00	No.	680.00	3400.00	10085.00
	40*40*4 angle frame	48.40	Kg	110.00	5324.00	
	50*50*5 angle frame	38.48	Kg	110.00	4232.80	
	40*40*3 angle frame	2.70	Kg	110.00	297.00	
	10 S.W.G.G. I. Chain Link of size 2"x2" wire mess	15.00	Sqm	517.00	7755.00	17608.80
				Fabrico	ition 15%	2641.32
				10% for tra	nsportation	1760.88
				Actual rate		32096.00
	per 1 Sqm			15% overhead		4814.40
	36910.40	2460.69		Total		36910.40
	15					

52	Demolition of TLC and removing the material at a distance of 10m					Unit: 1 m2
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks

Α	Labour					
	Unskilled	MD	0.1	680.00	68.00	
В	<u>Equipment</u>					
	@ 3% of (A)	LS			2.04	
С			S	ubtotal (A+B+C)	70.04	
D		ead@ 15% 0f(D)	10.51			
		80.55				
				Rate per 1 m2	80.55	

53	Demolition of roof of sheet with wooden/metal truss removing the material at a distance of 10m							
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks		
Α	<u>Labour</u>							
	Skilled	MD	0.027	955.00	25.79			
	Unskilled	MD	0.04	680.00	27.20			
В	<u>Equipment</u>							
	@ 3% of (A)	LS			1.59			
С			Si	ubtotal (A+B+C)	54.58			
D	Contractor's Overhead@ 15% 0f(D) 8.19							
	Total(D+E) 62.77							
				Rate per 1 m2	62.77			

54	Demolition of wall with mud mortar and removing the material at a distance of 10m					
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Unskilled	MD	1.06	680.00	720.80	
В	<u>Equipment</u>					
	@ 3% of (A)	LS			21.62	
С			St	ubtotal (A+B+C)	742.42	
D		Con	tractor's Overh	ead@ 15% 0f(D)	111.36	
		853.78				
				Rate per 1 m2	853.78	

55	Providing and Laying of grass (local duboo with root carrying and anchoring with 8" bamboo peg and watering for 10 days(on soil) near Retaining wall), all complete as per specification and instructions of the Engineer.							
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks		
Α	<u>Labour</u>							
	Unskilled	MD	5.04	680.00	3,427.20			
В	<u>Equipment</u>							
	Dubo	Sqm	100	538.00	53,800.00			
	Compost Manure	Kg	7	28.00	196.00			
С			Su	ubtotal (A+B+C)	57,423.20			
D	Contractor's Overhead@ 15% Of(D) 8,613.48							
				Total(D+E)	66,036.68			
				Rate per 1 m2	660.37			

56	Staircase railing work with 50mm stainless steel pipe had three 25mm stainless steel pipe between hand rail and instructon site incharge.	_		-		Unit:1 m
SN	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	Material			-		
	50 mm Stainless pipe hand railing	rm	1.000	4592.000	4592.000	
		btotal (A+B+C)	4592.00			
		688.80				
		Total (D+E)	5280.80			
				10101 (D+E)	3200.00	
				\ Rate per rm	5280.80	
57	Supplying & fixing of spiral staircase with 4"-6" black pi staircase 90cm including red oxide primer coat and ne		n square pipe rai	\ Rate per rm	5280.80	Unit:1 m
57 S.N.			n square pipe rai	\ Rate per rm	5280.80	Unit:1 m
	staircase 90cm including red oxide primer coat and ne	cessary fittings		\ Rate per rm	5280.80 drail, width of	
S.N.	staircase 90cm including red oxide primer coat and ne Description	cessary fittings		\ Rate per rm	5280.80 drail, width of Amount (NRs.)	
S.N.	staircase 90cm including red oxide primer coat and ne Description Material	cessary fittings Unit	Quantity	\ Rate per rm ling , 32mm han Rate (NRs.)	5280.80 drail, width of Amount (NRs.) 10305.760	
S.N.	staircase 90cm including red oxide primer coat and ne Description Material	cessary fittings Unit	Quantity	Rate per rm ling , 32mm han Rate (NRs.) 10305.760 Ubtotal (A+B+C)	5280.80 drail, width of Amount (NRs.) 10305.760	
S.N.	staircase 90cm including red oxide primer coat and ne Description Material	cessary fittings Unit	Quantity 1.000	Rate per rm ling , 32mm han Rate (NRs.) 10305.760 Ubtotal (A+B+C)	5280.80 drail, width of Amount (NRs.) 10305.760 10305.76	

58	Powder Coated Door without ventilation					Unit: 1 m2
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Material</u> :					
	Door	m2	1.00	9454.28	9454.28	
C.		•		Subtotal	9454.28	
D.		Cont	ractor's Overhe	ad @ 15% of (C)	1418.14	
•	Total (C+D) 10872.42					
				\ Rate per Sqm	10872.42	

59	Powder Coated Window with grill					Unit: 1 m2
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	Material:					
	Window	m2	1.00	12227.88	12227.88	
C.				Subtotal	12227.88	
D.	Contractor's Overhead @ 15% of (C) 1834.18					
		14062.06				
				\ Rate per sqm	14062.06	

60	Powder Coated Window with grill with fixed glass					Unit: 1 m2
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Material</u> :					
	Window	m2	1.00	10000.00	10000.00	
C.				Subtotal	10000.00	
D.		Contr	actor's Overhed	ad @ 15% of (C)	1500.00	
		11500.00				
				\ Rate per sqm	11500.00	

61	60mm concrete interlocking block					Unit: 10 Sqm
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :					
	Skilled	md	1.00	955.00	955.00	
	Unskilled	md	3.00	680.00	2040.00	
	Unskilled	md	7.00	680.00	4760.00	
	<u>Material</u> :					
В.	Interlocking block	Sqm	11.00	774.72	8521.92	
ъ.	Stone dust(Area*6cm)	Sqm	0.55	40.92	22.51	
	Stone dust	Cu.m	0.71	682.00	484.22	
D.			Sı	ubtotal (A+B+C)	16783.65	
E.	Contractor's Overhead @ 15% of (D) 2:					
		19301.20				
			\	Rate per 1 Sqm	1930.12	

62	Construction of TLC					Unit: 1 m2
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	0.03	955.00	28.65	
	Unskilled	MD	0.06	680.00	40.80	
В	<u>Equipment</u>					
	@ 3% of (A)	LS			2.08	
С			Si	ubtotal (A+B+C)	71.53	
D	Contractor's Overhead@ 15% 0f(D) 10.73					
	Total(D+E) 82.2					
				Rate per 1 m2	82.26	

63	Collapsible gate					Unit: 10 sq.m
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :					
	Skilled	md				
	Unskilled	md				
В.	<u>Material</u> :					
	Collapsible gate	sq.m	10.00	5441.00	54410.00	
C.				Subtotal	54410.00	
D.		Contr	actor's Overhe	ad @ 15% of (C)	8161.50	
				Total (C+D)	62571.50	
			\	Rate per sq. m.	6257.15	
64	12.5 mm thick plastering for levelling surface,1:3 cement	sand mortar on ceiling				Unit:100 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u>					
	Skilled	MD	15.00	955.00	14325.00	
	Unskilled	MD	20.00	680.00	13600.00	
В	<u>Material</u>					
	Cement	MT	0.625	12000.00	7500.00	
	Sand	m ³	1.28	211.73	271.01	
С	<u>Equipment</u>					
	Nil					
D				ubtotal (A+B+C)	35696.01	
Е		Conf	ractor's Overhe	ad @15% of (D)	5354.40	
				Total(D+E)	41050.41	
				Rate per 1 m ²	410.50	
	+					
	Providing material and laying 1:2 cement sand Ruled pointing works true to line and level as per instructions including chipping, hacking and wetting of surface, scaffolding, curing, etc.					
65		inting works true to line and	level as per inst	ructions includin	g chipping,	Unit:100 Sqm

Α	<u>Labour</u>					
	Skilled	MD	10.000	955.00	9550.00	
	Unskilled	MD	14.00	680.00	9520.00	
В	<u>Material</u>					
	Cement	MT	0.408	12000.00	4896.00	
	Sand	m ³	0.570	211.73	120.69	
D	Subtotal (A+B)				24086.69	
E	Contractor's Overhead @15% of (D)				3613.00	
	Total(D+E)				27699.69	
	Rate per 1 sa.m.				277.00	

	kare per i sq.m				2/7.00	
	Disposing of executated call by 2.7 amounts to take beginning adiabases		inakuratia -	of site		•
66	Disposing of excavated soil by 3 T capacity truck upto haulage distan engineer	ce or 2.5 km d	s per instruction	or sile	Unit: 1 m³	
	Fuel rate (Disel)	F	96.50	96.50		
	Mini Truck Rent(Per Hour/3cum)	R	300	100		
	Unskilled man Speed for sindhuli	LR V1	680.00	680.00		
	Distance for site to disposal site	D1	20km/hour 2.5 km	2.5		
	Formula	3.	2.0 1	2.0		
	T=2*d1/v1		2x6/20	0.25		
	Labour	0.4xL R	272	272		,
	Fuel (Disel) Equipment	3.2xTx F 0.4(T+0.75)*10	3.2xTx10	77.2 40		
	Equipment	Total Rate for		389.20		
		15% overhead		58.38		
			/m3	447.58		
67 C N	Mechanically Selvedge Double Twist Wire Mesh Gabion Box (2x1x1) M			D-4- (ND-)	A (NID-)	Unit: per box
S. N. A	Description Material	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
	2mx1mx1m	nos	1	2661.00	2,661.00	
			· '	Subtotal (B)	2,661.00	
		Cor	ntractor's Overh	ead@ 15% 0f(B)	399.15	
				Total(A+B)	3,060.15	
				Rate per 1 box	3,060.15	
68	Providing and Filling Stone /Boulder in gabion boxes/mattress etc Incluand Technical Specification .	uding dressing, b	bedding ,bondi	ng all complete	as per Drawing	Unit: per 10cum
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Labour</u> Skilled	MD	2	955.00	1,910.00	
	Unskilled		8	680.00		
В	<u>Material</u>					
	Boulder /Stone	cum	11	211.73	2,329.03	
С			1	Subtotal (A+B)	9,679.03	
D		Con	iractor's Overn	ead@ 15% 0f(C) Total(C+D)	1,451.85 11,130.88	
				Rate per 1 m3	1,113.09	
				·		
69	Providing and Laying Rubble masonry works including supply of hard sof wall upto 5 m high (Haulage distance up to 10 m)		reparing ceme	nt mortar (1:4) c		Unit:1m³
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A	<u>Labour</u> Skilled	MD	1.50	955.00	1432.50	
	Unskilled	MD	5.00	680.00		
В	<u>Material</u>					
	Cement	MT	0.159	12000.00	1908.00	
	Sand	m ³	0.45	211.73	95.28	
	Block stone	m ³	1.00	211.73		
	Bond stone	m ³	0.10	211.73	21.17	
С	water Equipment	ltr	100.00	0.35	35.00	
	<u>Equipmoni</u>	+				
D		1	St	ubtotal (A+B+C)	7103.68	
Е		Cont	tractor's Overhe	ead @15% of (D)	1065.55	
				Total(D+E)	8169.23	
				Rate per 1 m ³	8169.23	
70	Providing and laying 3mm fibre glass sheet		_			Unit: 10 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	Labour:		1.10	955.00	1050 50	
Ì		md		755.00	1050.50	
	Skilled Unskilled					
В.	Unskilled	md	1.25	680.00	850.00	
В.		md			850.00	
В.	Unskilled Material:		1.25	680.00	850.00 37056.00	

1			1		I .	
	Bitumen washer	nos.	55.00	3.00	165.00	
C.	Equipment:					
	@ 3% of (A)	LS			57.02	
D.				ubtotal (A+B+C)	40365.77	
E.		Cont	ractor's Overhe	ad @ 15% of (D)	6054.87	
				Total (D+E)	46420.64	
				\ Rate per 1 m ²	4642.06	
71	Supplying and fixing SEALGUARD GEOTEX [P] -Polyester Geotextile behinstruction of site engineer.	ind retaining v			g as per	Unit: 1 m ²
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
	·	Unii	Quantity	Kale (NKS.)	Amouni (NKS.)	Kemarks
A.	<u>Labour</u> : Skilled	and all	0.00	955.00	0.00	
	Unskilled	md	0.00 0.017	680.00	0.00 11.56	
В.		md	0.017	000.00	11.36	
ь.	Material: SEALGUARD GEOTEX [P] -Polyester Geotextile	2	1.20	110.00	132.00	
	SEALGUARD GEOTEX [F] -Folyester Geotextile	m ²		110.00		
D.				ubtotal (A+B+C)	143.56	
E.		Cont	ractor's Overhe	ad @ 15% of (D)	21.53	
				Total (D+E)	165.09	
				\ Rate per 1 m ²	165.09	
72	Aluminium door					Unit: per box
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	<u>Material</u>					
	Door	nos	1	11298.00	11,298.00	
				Subtotal (B)	11,298.00	
		Cor	ntractor's Overh	ead@ 15% 0f(B)	1,694.70	
				Total(A+B)	12,992.70	
				Rate per 1 box	12,992.70	
	•					
73	Aluminium window					Unit: per box
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
Α	Material					
	Aluminium window	nos	1	7700.00	7,700.00	
				Subtotal (B)	7,700.00	
		Cor	ntractor's Overh	ead@ 15% Of(B)	1,155.00	
				Total(A+B)	8,855.00	
				Rate per 1 box	8,855.00	
	!				.,	
74	3mm thick UPVC sheet					Unit: 10 m ²
\$. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :			055.00		
	Skilled	md	1.10	955.00	1050.50	
	Unskilled	md	1.25	680.00	850.00	
В.	Material:	_				
	UPVC sheet	m²	12.00	1400.00	16800.00	
	Self tapping screw 3"	nos.	28.00	30.00	840.00	
	Clip	nos.	14.00	26.00	364.00	
C.	<u>Equipment</u> :					
	@ 3% of (A)	LS				
D.			S	ubtotal (A+B+C)	19904.50	
E.		Cont		ad @ 15% of (D)	2985.68	
				Total (D+E)	00000 10	
				\ Rate per 1 m ²	2289.02	
				, pe		
75	3mm thick UPVC ridge cover					Unit: 10 m
	-	119		Dela (ND.)	Americal (NR.)	
S. N.	Description	Unit	Quantity	Rate (NRs.)	Amount (NRs.)	Remarks
A.	<u>Labour</u> :			055		
	Skilled	md	1.50	955.00	1432.50	
	Unskilled	md	1.00	680.00	680.00	
В.	<u>Material</u> :		ļ			
	UPVC sheet	m ²	12.00	1400.00	16800.00	
	Self tapping screw 2.5"	nos.	28.00	20.00	560.00	
	Clip	nos.	14.00	26.00	364.00	
C.	Equipment:					

LS

Subtotal (A+B+C)
Contractor's Overhead @ 15% of (D)
Total (D+E)
\ Rate per 1 m

19836.50 2975.48 22811.98 2281.20

@ 3% of (A)

D.

I.P W C. COMODE with low level cistern complete set.

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost	
labour	skilled	3	nos	955.00	2,865.00		
	un skilled	3	nos	680.00	2,040.00	4,905.00	
	a. Porcelain clay white glaze Indian Pattern Comode (Hindware Parryware, bolan or equivalent) regular	1	nos	3,600.00	3,600.00		
materials	c.10.0 ltr.porcelain clay low level flushing cistern complete accessories (Internal PVC fittings)	1	nos	6,825.00	6,825.00		
	c .Bakelite toilet seat cover	1	nos	276.00	276.00		
	c. 3.2x60 Cm (1 1/4"x24") flushing CP pipe	1	nos	971.00	971.00		
	d. 1.5x45 CM (1/2" x18") PVC pipe connector	1	nos	231.00	231.00		
	e. screw, etc.	Ls			40.00	11,943.00	
		Totall rate	9			16,848.00	
		Actual Ro	ate			16,848.00	
		15% conti	ractor over	head		2,527.20	
er set Rs.	19375.20	Total (Rs.)	Total (Rs.)				

Rate

2

580 mm Porcelain clay white glaze Orissa Pan complete set

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	3	nos	955.00	2,865.00	
	un skilled	3	nos	680.00	2,040.00	4,905.00
materials	a. 580 mm Porcelain clay white glaze Orissa Pan	1	nos	1,215.00	1,215.00	
materials	b.10.0 ltr.porcelain clay low level flushing cistern complete accessories(Internal PVC fittings)	1	nos	4,110.00	4,110.00	
	c. 3.2x60 Cm (1 1/4"x24") flushing CP pipe	1	nos	510.00	510.00	
	d. 1.5x45 CM (1/2" x18") PVC pipe connector	1	nos	231.00	231.00	
						6,066.00
		Total rate				10,971.00
		Actual rat	te			10,971.00
		15% contractor overhead				1,645.65
te per set Rs.	12616.65	Total (Rs.)				12,616.65

3

50x40cm OVAL WASH BASIN with mixer COMPLETE SET

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	2	nos	955.00	1,910.00	
	un skilled	2	nos	680.00	1,360.00	3,270.00
	a. 50x40cm Porcelain clay Oval white glaze Wash basin (Hindware, Parryware, Classica, cera or equivalent) regular		nos	3,675.00	3,675.00	
materials	b. 32 mm pvc bottle trap including 32mm CP waste coupling with CP chain and rubber plug etc.	1	nos	971.00	971.00	
	1.5x45CM (1/2"x18")Pipe Connector	2	nos	231.00	462.00	
	c. 15 mm CP basin mixer jaquar,Parrtware or equivalent	1	nos	1,000.00	1,000.00	
	d. screw etc	Ls			40.00	6,148.00
		Total Rate	e			9,418.00
		Actual rate				9,418.00
		15% conti	ractor over	head		1,412.70
		Total (Rs.)				10,830.70

Rate per set Rs. 10830.70

4

Kitchen Sink 37" long stainless steel

<u> </u>	Kitchen Sink 37" long	g stainless	steel			
sources	Level	Qty	Unit	Rate/unit	cost	Total cost
labour	skilled	2	nos	955.00	1,910.00	
	un skilled	1	nos	680.00	680.00	2,590.00
materials	a. Stainless steel, 19"x16" size Bowl with drain board. Ordinary type	1	sets	2,314.00	2,314.00	
	b. Pvc bottle trap with 32mm Dia CP waste coupling with CP chain and rubber.	1	nos	476.00	476.00	
	c. ½" dia CP sink cock.	1	nos	1,309.00	1,309.00	4,242.00
	1.5x45CM (1/2"x18")Pipe Connector	1	nos	143	143.00	
	e,Zinc Oxide Screw	ls				
		Total Rate	e I			6,832.00
		Actual ra	te			6,832.00
		15% contractor overhead				1,024.80
Rate per set Rs.	7856.80	Total (Rs.)		<u> </u>		7,856.80

5

45*35 cm white glazed squatting plate urinal set

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	2	nos	955.00	1,910.00	
	un skilled	1	nos	680.00	680.00	2,590.00
materials	45*35 cm white glazed squatting plate urinal set	1	nos	1,212.00	1,212.00	
						1,212.00
		Total rate	3,802.00			
		Actual ra		3,802.00		
		15% contr		570.30		
	4372.30	Total (Rs.)		4,372.30		

6

15mm CP Bib Cock

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost	
labour	skilled	0.11	nos	955.00	105.05	105.05	
materials	15mm CP bib cock	1	nos	1,000.00	1,000.00	1,000.00	
		Total rate		1,105.05			
		Actual ra	te			1,105.05	
		15% contractor overhead					
per nos Rs.	1270.81	Total (Rs.)				1,270.81	

Rate pe

15mm Stainless Steel Bib Cock

Rate p	per nos Rs.	5209.56	Total (Rs.)				5,209.56
			15% contr	actor overl	nead		679.51
			Actual ra	te			4,530.05
			Total rate				
	materials	a. 15mm Stainless Steel bib cock	1	nos	4,425.00	4,425.00	4,425.00
	labour	skilled	0.11	nos	955.00	105.05	105.05
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost

8

15mm Auto closing Bib Cock with aerator

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.11	nos	955.00	105.05	105.05
materials	a. 15mm Auto closing bib cock with aerator	1	nos	2,743.00	2,743.00	2,743.00

		-	T. I. I I.				0.040.05
			Total rate				2,848.05
			Actual rat	Α			2,848.05
				actor overl	l nead		427.21
Rate p	oer nos Rs.	3275.26	Total (Rs.)				3,275.26
·						ļ	
	9]					
		15mm Urinal Auto closing Valve	with built	in control	cock		
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.11	nos	955.00	105.05	105.05
	materials	a. 15mm Urinal Auto closing valve with	1	nos	2,829.00	2,829.00	2,829.00
		built - in control cock	Takal saka				0.024.05
			Total rate				2,934.05
			Actual rat	Α			2,934.05
				actor overl	ll nead		440.11
Rate p	oer nos Rs.	3374.16	Total (Rs.)	40.0.0.0.0			3,374.16
•			(.,				.,
	10]					
		C.P. 15mm An	gle valve				
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.11	nos	955.00	105.05	105.05
	materials	a. 15mm fancy type angle valve	1	nos	1,244.00	1,244.00	1,244.00
			Total rate				1,349.05
					T		104005
			Actual rat				1,349.05
Data r	per nos Rs.	1551.41	Total (Rs.)	actor over	nead		202.36 1, 551.41
Kule p	Jei ilos ks.	1331.41	Total (Rs.)				1,331.41
	11]					
		- 15mm two way ang	le valve				
	sources						
		Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	Level skilled	Qty 0.11	Unit nos	Rate/unit 955.00	cost 105.05	Total Cost 105.05
	labour materials						
		skilled	0.11	nos	955.00	105.05	105.05
		skilled	0.11 1 Total rate	nos	955.00	105.05	105.05 1,157.00 1,262.05
		skilled	0.11 1 Total rate Actual rat	nos nos	955.00 1,157.00	105.05	105.05 1,157.00 1,262.05
Darks w	materials	skilled a. 15mm two way angle valve	0.11 1 Total rate Actual rat	nos	955.00 1,157.00	105.05	105.05 1,157.00 1,262.05 1,262.05 189.31
Rate p		skilled	0.11 1 Total rate Actual rat	nos nos	955.00 1,157.00	105.05	105.05 1,157.00 1,262.05
Rate p	materials	skilled a. 15mm two way angle valve	0.11 1 Total rate Actual rat	nos nos	955.00 1,157.00	105.05	105.05 1,157.00 1,262.05 1,262.05 189.31
Rate p	materials	skilled a. 15mm two way angle valve	0.11 1 Total rate Actual rat	nos nos	955.00 1,157.00	105.05	105.05 1,157.00 1,262.05 1,262.05 189.31
Rate p	materials per nos Rs.	skilled a. 15mm two way angle valve	0.11 1 Total rate Actual rat 15% contr Total (Rs.)	nos nos	955.00 1,157.00	105.05	105.05 1,157.00 1,262.05 1,262.05 189.31
Rate p	materials per nos Rs.	skilled a. 15mm two way angle valve	0.11 1 Total rate Actual rat 15% contr Total (Rs.)	nos nos	955.00 1,157.00	105.05	105.05 1,157.00 1,262.05 1,262.05 189.31
Rate p	materials per nos Rs.	skilled a. 15mm two way angle valve 1451.36 1.5cm C.P. Wa	0.11 1 Total rate Actual rat 15% contr Total (Rs.)	nos nos e actor overt	955.00 1,157.00	105.05 1,157.00	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36
Rate p	materials per nos Rs. 12 sources	skilled a. 15mm two way angle valve 1451.36 1.5cm C.P. Wa Level skilled un skilled	0.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty	nos nos e actor overt	955.00 1,157.00 nead	105.05 1,157.00	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36
Rate p	materials per nos Rs. 12 sources	skilled a. 15mm two way angle valve 1451.36 1.5cm C.P. Water Skilled un skilled un skilled a.Water spray (Health faucet) with 1.2 m. long flexible	0.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty 0.25 0.17	nos nos e actor overt Unit nos nos	955.00 1,157.00 nead Rate/unit 955.00 680.00	105.05 1,157.00 cost 238.75 115.60	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36 Total cost
Rate p	materials per nos Rs. 12 sources labour	skilled a. 15mm two way angle valve 1451.36 1.5cm C.P. Wa Level skilled un skilled	0.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty 0.25	nos nos e actor overt Unit nos	955.00 1,157.00 nead Rate/unit 955.00	105.05 1,157.00 cost 238.75	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36
Rate p	materials per nos Rs. 12 sources labour	skilled a. 15mm two way angle valve 1451.36 1.5cm C.P. Water Skilled un skilled un skilled a.Water spray (Health faucet) with 1.2 m. long flexible	0.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty 0.25 0.17	nos nos e actor overt Unit nos nos	955.00 1,157.00 nead Rate/unit 955.00 680.00	105.05 1,157.00 cost 238.75 115.60	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36 Total cost
Rate p	materials per nos Rs. 12 sources labour	skilled a. 15mm two way angle valve 1451.36 1.5cm C.P. Water Skilled un skilled un skilled a.Water spray (Health faucet) with 1.2 m. long flexible	0.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty 0.25 0.17	nos nos e actor overt Unit nos nos sets	955.00 1,157.00 nead Rate/unit 955.00 680.00	105.05 1,157.00 cost 238.75 115.60	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36 Total cost
Rate p	materials per nos Rs. 12 sources labour	skilled a. 15mm two way angle valve 1451.36 1.5cm C.P. Water Skilled un skilled un skilled a.Water spray (Health faucet) with 1.2 m. long flexible	O.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty 0.25 0.17 1 Total rate Actual rat	nos nos e actor overt Unit nos nos sets	955.00 1,157.00 nead Rate/unit 955.00 680.00	105.05 1,157.00 cost 238.75 115.60	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36 Total cost 354.35 1,146.00 1,500.35
	materials per nos Rs. 12 sources labour	skilled a. 15mm two way angle valve 1451.36 1.5cm C.P. Water Skilled un skilled un skilled a.Water spray (Health faucet) with 1.2 m. long flexible	O.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty 0.25 0.17 1 Total rate Actual rat	nos nos e actor overt Unit nos nos sets	955.00 1,157.00 nead Rate/unit 955.00 680.00	105.05 1,157.00 cost 238.75 115.60	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36 Total cost 354.35 1,146.00 1,500.35
	materials per nos Rs. 12 sources labour materials per No Rs.	skilled a. 15mm two way angle valve 1.5cm C.P. Wa Level skilled un skilled a.Water spray (Health faucet) with 1.2 m. long flexible pipe.	0.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty 0.25 0.17 1 Total rate Actual rat 15% contr	nos nos e actor overt Unit nos nos sets	955.00 1,157.00 nead Rate/unit 955.00 680.00	105.05 1,157.00 cost 238.75 115.60	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36 Total cost 354.35 1,146.00 1,500.35 225.05
	materials Der nos Rs. 12 sources labour materials	skilled a. 15mm two way angle valve 1451.36 1.5cm C.P. Water Spray (Health faucet) with 1.2 m. long flexible pipe.	0.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty 0.25 0.17 1 Total rate Actual rat 15% contr	nos nos nos e actor overt Unit nos nos sets e actor overt	955.00 1,157.00 nead Rate/unit 955.00 680.00	105.05 1,157.00 cost 238.75 115.60	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36 Total cost 354.35 1,146.00 1,500.35 225.05
	materials per nos Rs. 12 sources labour materials per No Rs. 13	skilled a. 15mm two way angle valve 1.5cm C.P. Water spray (Health faucet) with 1.2 m. long flexible pipe. 1725.40 CHROME PLATE TOILET PA	0.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty 0.25 0.17 1 Total rate Actual rat 15% contr Total (Rs.)	nos nos nos e actor overt Unit nos nos sets e actor overt	955.00 1,157.00 Rate/unit 955.00 680.00 1,146.00	cost 238.75 1,146.00	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36 Total cost 354.35 1,146.00 1,500.35 225.05 1,725.40
	materials per nos Rs. 12 sources labour materials per No Rs.	skilled a. 15mm two way angle valve 1451.36 1.5cm C.P. Water Spray (Health faucet) with 1.2 m. long flexible pipe.	0.11 1 Total rate Actual rat 15% contr Total (Rs.) ter Spray Qty 0.25 0.17 1 Total rate Actual rat 15% contr	nos nos nos e actor overt Unit nos nos sets e actor overt	955.00 1,157.00 nead Rate/unit 955.00 680.00	105.05 1,157.00 cost 238.75 115.60	105.05 1,157.00 1,262.05 1,262.05 189.31 1,451.36 Total cost 354.35 1,146.00 1,500.35 225.05

		a.Chrome plate toilet paper holder	<u> </u>			510.00	İ
	materials	b.Zink oxide screw etc.	1	nos	510.00	510.00	550.00
		B.ZITIK OXIGE SCIEW ETC.	Ls Total rate			40.00	655.05
			Totalia				000.00
			Actual ra	te			655.05
			15% cont	actor over	nead		98.26
Rate p	per nos Rs.	753.31	Total (Rs.)				753.31
		_					
	14						
		PVC FLOOR TRAP 11		1			1
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.11	nos	955.00	105.05	172.05
	materials	un skilled Floor Trap 11x7.5cm (4" X 2½")	0.10	nos nos	680.00 280.00	68.00 280.00	173.05 280.00
	materials	11001 1100 11X7.3C111 (4 - X 2/2)	Total rate		200.00	200.00	453.05
			Actual ra	te			453.05
			15% conti	actor over	nead		67.96
Rate p	oer nos Rs.	521.01	Total (Rs.)				521.01
		7					
	15						
		CP Grab bar European Pattern 300mm lo					1
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled(1/9) CP Grab bar European Pattern 300mm long bend type	0.22	nos	955.00	210.10	210.10
	materials	Grohe,Essel or Equivalent	1	nos	4,786.00	4,786.00	
		b. Zink oxide screw etc.	Ls			40.00	4,826.00
			Total rate				5,036.10
			Actual ra	ractor overh	and I		5,036.10 755.42
Rate r	per nos Rs.	5791.52	Total (Rs.)	5,791.52			
naic p	oci ilos ks.	0771.02	TOTAL (KS.)				0,771.02
	16]					
		CHROME PLATE S	OAP DISH.				
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.11	nos	955.00	105.05	105.05
	materials	a.C.P Soap dish	1	nos	551.00	551.00	
		b.Zink oxide screw etc.	Ls			40.00	591.00
			Total rate				696.05
			Actual ra	te			696.05
				actor over	nead		104.41
Rate p	per nos Rs.	800.46	Total (Rs.)		Į.		800.46
	_					*	
	17						
	I	Stainless Steel	towel rod 1.5	x45cm (½"	k18")		
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.22	nos	955.00	210.10	210.10
	materials	a . Stainless Steel Towel rod b. Screws etc.	l Ls	nos	1,102.00	1,102.00	1 140 00
		b. sciews etc.	Total rate			40.00	1,142.00
			Totaliale				1,332.10
			Actual rate				
				actor over	nead		1,352.10 202.82
Rate p	oer nos Rs.	1554.92	Total (Rs.)		<u> </u>		1,554.92

Looking Mirror Modi guard 450x600mm (18"x 24")

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost	
labour	skilled	0.33	nos	955.00	315.15	315.15	
materials	a.Bevelled edge looking mirror 50x40 cm	1	nos	1,102.00	1,102.00		
	b . Screws	Ls			40.00	1,142.00	
	Total rate					1,457.15	
		Actual ra	Actual rate				
		15% contr	ractor over	nead		218.57	
Rate per nos Rs.	1675.72	Total (Rs.)	Total (Rs.)			1,675.72	

19

CPVC Pipe SDR 11, 15mm (1/2") CTS

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost	
labour	skilled	0.01	nos	955.00	9.55		
	un skilled	0.01	nos	680.00	6.80	16.35	
materials	a. 15 mm CPVC Pipe SDR 11 CTS, 28.1 kg/cm2	1	Rm	133.00	133.00		
	b. Cpvc fittings	Ls			100.00		
	c. Jointing materials (flow guard adesive soln)	Ls			30.00	263.00	
		Total rate	279.35				
		Actual rate					
						279.35	
		15% contr	ractor over	head		41.90	
per Rm Rs.	321.25	Total (Rs.)				321.25	

Rate p

20

CPVC Pipe SDR 11, 20mm (3/4") CTS

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.01	nos	955.00	9.55	
	un skilled	0.01	nos	680.00	6.80	16.35
materials	a. 20 mm CPVC Pipe SDR 11 CTS, 28.1 kg/cm2	1	Rm	178.00	178.00	
	b. Cpvc fittings	Ls			100.00	
	c. Jointing materials (flow guard adesive soln)	Ls			30.00	308.00
		Total rate	!			324.35
		Actual ra	te			324.35
		15% contractor overhead				48.65
per Rm Rs.	373.00	Total (Rs.)		•		373.00

Rate pe

21

CPVC Pipe SDR 11, 25mm (1") CTS

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.01	nos	955.00	9.55	
	un skilled	0.01	nos	680.00	6.80	16.35
materials	a. 25 mm CPVC Pipe SDR 11 CTS, 28.1 kg/cm2	1	Rm	248.00	248.00	
	b. Cpvc fittings	Ls			120.00	
	c. Jointing materials (flow guard adesive soln)	Ls			30.00	398.00
		Total rate	!			414.35
		Actual ra	te			414.35
		15% cont	ractor overl	nead		62.15
per Rm Rs.	476.50	Total (Rs.)				476.50

Rate p

22

CPVC Pipe SDR 11 , 32mm (1 1/4") CTS

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.011	nos	955.00	10.51	

1	un skilled	0.019	nos	680.00	12.92	23.43
materials	a. 32 mm CPVC Pipe SDR 11 CTS, 28.1 kg/cm2	1	Rm	300.00	300.00	
	b. Cpvc fittings	Ls			120.00	
	c. Jointing materials (flow guard adesive soln)	Ls			30.00	450.00
		Total rate				473.43
		Actual ra	te			473.43
		15% contr	15% contractor overhead			
e per Rm Rs.	544.44	Total (Rs.)	Total (Rs.)			
23						
<u></u>	CPVC Pipe SDR 1	1, 40 mm (1 1/2	") CTS			
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.011	nos	955.00	10.51	·

0.019 12.92 23.43 un skilled 680.00 nos a. 40 mm CPVC Pipe SDR 11 CTS, 28.1 kg/cm2 417.61 417.61 materials Rm b. Cpvc fittings Ls 150.00 50.00 c. Jointing materials (flow guard adesive soln) 617.61 Ls 641.04 Total rate 641.04 Actual rate

15% contractor overhead

Total (Rs.)

96.16

737.20

Rate per Rm Rs. 737.20

24

CPVC Pipe SDR 11, 50mm (2") CTS

sc	ources	Level	Qty	Unit	Rate/unit	cost	Total Cost
Ic	abour	skilled	0.011	nos	955.00	10.51	
		un skilled	0.019	nos	680.00	12.92	23.43
mo	aterials	a. 50 mm CPVC Pipe SDR 11 CTS, 28.1 kg/cm2	1	Rm	677.37	677.37	
		b. Cpvc fittings	Ls			150.00	
		c. Jointing materials (flow guard adesive soln)	Ls			75.00	902.37
•		•	Total rate	3	•		925.80
			Actual rate		925.80		
			15% contr	actor overl	nead		138.87
Rate per Rm	ate per Rm Rs. 1064.67		Total (Rs.)			1,064.67	

25

CPVC CTS.15 mm ball Valve(1/2")

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.11	nos	955.00	105.05	
	materials	a. 15 mm CPVC ball valve, CTS sockets,	1	set	365.42	365.42	470.47
•	Total rate						470.47
			Actual rat	te			470.47
			15% contr	actor over	nead		70.57
Rate p	er Rm Rs.	541.04	Total (Rs.)				541.04

26

CPVC CTS. 20 mm ball Valve(3/4")

CFVC C13: 20 mm bdii vdive(3/4)								
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost		
labour	skilled	0.11	nos	955.00	105.05			
materials	a. 20 mm CPVC ball valve, CTS sockets,	1	set	485.98	485.98	591.03		
Total rate						591.03		

Actual rate		591.03
15% contractor overhead		88.65
Total (Rs.)		679.68

Rate per Rm Rs. 679.68

27

CPVC CTS. 25 mm ball Valve (1")

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost	
labour	skilled	0.11	nos	955.00	105.05		
materials	a. 25 mm CPVC ball valve, CTS sockets,	1	set	587.69	587.69	692.74	
•		Total rate				692.74	
		Actual ra	te			692.74	
		15% contr	ractor overl	nead		103.91	
Rate per Rm Rs.	s. 796.65	Total (Rs.)	796.65				

28

CPVC CTS. 32 mm ball Valve (1 1/4")

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.11	nos	955.00	105.05	
materials	a. 32 mm CPVC ball valve, CTS sockets,	1	set	1,371.28	1,371.28	1,476.33
•	•	Total rate	1,476.33			
		Actual ra	te			1,476.33
	15% contractor overhead					221.45
ner Rm. Rs. 1697 78.						1 697 78

Rate per Rm Rs.

29

CPVC CTS. 40 mm ball Valve (1 1/2")

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.11	nos	955.00	105.05	
materials	a. 40 mm CPVC ball valve, CTS sockets,	1	set	1,642.52	1,642.52	1,747.57
•	Total rate					1,747.57
		Actual ra	te			1,747.57
		15% contr	actor over	nead		262.14
per Rm Rs.	2009.71	Total (Rs.)				2,009.71

Rate pe

CPVC CTS. 50 mm ball Valve (2")

	sources	Level	Qiy	Unit	Rate/Unit	COST	Total Cost
	labour	skilled	0.11	nos	955.00	105.05	
	materials	a. 50 mm CPVC ball valve, CTS sockets,	1	set	2,117.20	2,117.20	2,222.25
		•	Total rate	3	•		2,222.25
			Actual rat	te			2,222.25
			15% contr	actor overl	nead		333.34
p	er Rm Rs.	2555.59	Total (Rs.)				2,555.59

31

Rate

G.M 50mm gate valve

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.44	nos	955.00	420.20	420.20
materials	a.50 mm gate valve	1	nos	4,599.00	4,599.00	4,599.00
•	•	Total rate	<u>-</u>	•		5,019.20
		Actual ra	te			5,019.20

15% contractor overhead	752.88
Total (Rs.)	5,772.08

1000 litre HDPE WATER TANK

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	3	nos	955.00	2,865.00	
	un skilled	4	nos	680.00	2,720.00	5,585.00
materials	a. 1000 liter HDPEI with Inlet, outlet, over flow, cleanout hole etc. all compete	1	nos	13,000.00	13,000.00	
						13,000.00
		Total rate				18,585.00
		Actual rat	te			18,585.00
		15% contr	actor over	nead		2,787.75
per nos Rs.	21372.75	Total (Rs.)				21,372.75

Rate per nos Rs. 21372.75

32

1000 litre stainless steel WATER TANK

Level	Qty	Unit	Rate/unit	cost	Total Cost
skilled	3	nos	955.00	2,865.00	
un skilled	4	nos	680.00	2,720.00	5,585.00
a. 1000 liter stainless steel water tank 304 grade steel with Inlet, outlet, over flow, cleanout hole etc. all compete	1	nos	17,699.00	17,699.00	
					17,699.00
	Total rate				23,284.00
	Actual rat	te			23,284.00
	15% contr	actor over	nead		3,492.60
26776.60	Total (Rs.)				26,776.60
	skilled un skilled a. 1000 liter stainless steel water tank 304 grade steel with Inlet, outlet, over flow, cleanout hole etc. all compete	skilled 3 un skilled 4 a. 1000 liter stainless steel water tank 304 grade steel with Inlet, outlet, over flow, cleanout hole etc. all compete 1 Total rate Actual rai 15% contr	Skilled 3 100 10	Skilled 3 nos 955.00	Skilled 3 nos 955.00 2,865.00

33

2000 litre stainless steel WATER TANK

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	3	nos	955.00	2,865.00	
	un skilled	6	nos	680.00	4,080.00	6,945.00
materials	a. 2000 liter stainless steel water tank 304 grade steel with Inlet, outlet, over flow, cleanout hole etc. all compete	1	nos	32,743.00	32,743.00	
	b.Tanki nipples etc.	Ls			185.00	32,928.00
•		Total rate	•			39,873.00
	Actual rate				39,873.00	
		15% contr	actor over	nead		5,980.95
per nos Rs.	45853.95	Total (Rs.)				45,853.95

Rate p

34

2 n.r. electrical motor water pump motil stage, coupled pump (Crompton)						
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	4	nos	955.00	3,820.00	
	un skilled	3	nos	680.00	2,040.00	5,860.00
materials	a.2 H P Electricmotor pump with base plate nuts, bolts etc.set crompton	1	nos	26,900.00	26,900.00	
	b.Zink oxide screws etc.	Ls			40.00	26,940.00
•		Total rate	<u>-</u>	•		32,800.00
	_	Actual ra	te			32,800.00

Rate per nos Rs. 37720.00

15% contractor overhead	4,920.00
Total (Rs.)	37,720.00

35

50 mm dia PVC PIPE 6 KG/CM. SQ.

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled(1/18)	0.06	nos	955.00	57.30	
	un skilled(1/10)	0.10	nos	680.00	68.00	125.30
materials	a.50 mm dia. Pvc pipe	1	RM	99.00	99.00	
	b. Jointing materialsetc.		Ls			99.00
•		Total rate				224.30
		Actual ra	te			224.30
		15% conti	ractor overl	head		33.65
per Rm Rs.	257.95	Total (Rs.)				257.95

Rate pe

36

75 mm dia PVC PIPE 6 KG/CM. SQ

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.11	nos	955.00	105.05	
	un skilled	0.11	nos	680.00	74.80	179.85
materials	a.75 mm dia. Pvc pipe	1	Rm	258.33	258.33	
	b. Jointing materialsetc.		Ls		25.00	283.33
•		Total rate		•		463.18
		Actual ra	te			463.18
		15% contr	ractor overl	nead		69.48
per Rm Rs.	532.66	Total (Rs.)				532.66

Rate p

110 mm dia PVC PIPE 6 KG/CM. SQ

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.17	nos	955.00	162.35	
	un skilled	0.20	nos	680.00	136.00	298.35
materials	a.110 m m dia. Pvc pipe	1	Rm	513.33	513.33	
	b. Jointing material setc.		Ls		25.00	538.33
		Total rate				836.68
		Actual rate				836.68
		15% conti	ractor overl	nead		125.50
per nos Rs.	962.18	Total (Rs.)				962.18

Rate p

38

Motor Starter Switch

merer erante						
sources	Level	Qty	Unit	Rate/unit	cost	Total cost
labour	skilled	0.25	nos	955.00	238.75	
	un skilled	0.17	nos	680.00	115.60	354.35
materials	a. Motor Starter Switch (Cromption)	1	nos	3,398.00	3,398.00	3,398.00
		Total rate	•			3,752.35
	_					
	_	Actual ra	te			3,752.35
		15% cont	ractor overl	nead		562.85
per set Rs.	4315.20	Total (Rs.)				4,315.20

G.M. 40mm gate valve

	<u> </u>					
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.22	nos	955.00	210.10	210.10
materials	G.M. 40mm gate valve	1	nos	2,889.00	2,889.00	2,889.00
		Actual ra	te			3,099.10
		Actual ra	te			3,099.10
		15% contr	ractor overl	nead		464.87
Rate per nos Rs.	3563.97	Total (Rs.)				3,563.97

40

150 mm RCC hump pipe NP2

For 32 m

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	3	nos	955.00	2,865.00	
	un skilled	15	nos	680.00	10,200.00	13,065.00
materials	a.150 mm RCC hump pipe np2	32	Rm	1,048.00	33,536.00	
	b.150mm RCC collar	13	nos	260.00	3,380.00	
	c. cement	0.035	mt	12,000.00	420.00	
	d. sand	0.05	cum	211.73	10.59	
	e. Jute	1.6	kg	50.00	80.00	37,426.59
		Total rate				50,491.59
		Actual ra	te			50,491.59
		15% conti	actor overl	nead		7,573.74
oer Rm Rs.	1814.54	Total (Rs.)				58,065.33

Rate pe

41

200 mm RCC hump pipe NP2

For 32m

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	4	nos	955.00	3,820.00	
	un skilled	20	nos	680.00	13,600.00	17,420.00
materials	a.200 mm RCC hump pipe np2	32	Rm	740.00	23,680.00	
	b.200mm RCC collar	13	nos	187.00	2,431.00	
	c. cement	0.052	mt	12,000.00	624.00	
	d. sand	0.08	cum	211.73	16.94	
	e. Jute	2.4	kg	50.00	120.00	26,871.94
		Total rate				44,291.94
		Actual rai		44,291.94		
		15% contr	actor over	head		6,643.79
oer Rm Rs.	1591.74	Total (Rs.)				50,935.73

Rate pe

41

1200 mm RCC hump pipe NP3

For 32m

	10102					
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.63	nos	955.00	601.65	
	un skilled	2.88	nos	680.00	1,958.40	2,560.05
materials	Pipe cost	1	рс	42,310.00	42,310.00	
	c. cement	25	kg	14.00	350.00	
	d. sand	0.04	cum	211.73	8.47	
	transportation cost	1	рс	6,346.50	6,346.50	49,014.97
		Total rate				51,575.02
		Actual ra	te			51,575.02

15% contractor overhead 7,736.25 Rate per Rm Rs. 23724.51 Total (Rs.) 59,311.27

tare	per	KIII	KS.	23/	24.5 I

42

Foldable hinge

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	2	nos	955.00	1,910.00	
	un skilled	1	nos	680.00	680.00	2,590.00
materials	Foldable hinge	1	nos	1,212.00	1,212.00	
						1,212.00
		Total rate				3,802.00
		Actual ra	te			3,802.00
		15% contr	ractor over	head		570.30
	4372.30	Total (Rs.)				4.372.30

43

Euro Guard (Filter)

Lord Godia (Tiller)							
sources	Level	Qty	Unit	Rate/unit	cost	Total cost	
labour	skilled	3	nos	955.00	2,865.00		
	semi skilled	2	nos	825.00	1,650.00	4,515.00	
materials	a. Euro Guard Water purification set (one litre per minute)	1	sets	16,263.00	16,263.00		
	b.Jointing material etc		Ls		25.00	16,288.00	
		Total rate				20,803.00	
		Actual ra	te			20,803.00	
		15% conc	tractor ove	erhead		3,120.45	
	23923.45	Total (Rs.)				23,923.45	

44

Pressure Senser Switch

sources	Level	Qty	Unit	Rate/unit	cost	Total cost
labour	skilled	0.25	nos	955.00	238.75	
	semi skilled	0.17	nos	825.00	140.25	379.00
materials	a. Pressure Senser Switch (Italian)	1	nos	3,675.00	3,675.00	3,675.00
•		Total rate				4,054.00
		Actual ra	te			4,054.00
		15% contractor overhead				608.10
	4662.10	Total (Rs.)				4,662.10

C I Tank Cover 24"x24" (50Kg) Square (Locking Type)

sources	Level	Qty	Unit	Rate/unit	cost	Total cost
labour	skilled	0.33	nos	955.00	315.15	315.15
materials	C I Tank Cover 24"x24" (50Kg) Square (Locking Type)	1	nos	10,500.00	10,500.00	10,500.00
•	•	Total rate				10,815.15
		Actual ra	te			10,815.15
		15% contractor overhead			1,622.27	
	12437.42	Total (Rs.)			12,437.42	

C I Tank Cover 22"x22" (20Kg) Square (Locking Type)

sources	Level	Qty	Unit	Rate/unit	cost	Total cost
labour	skilled	0.33	nos	955.00	315.15	315.15
materials	C I Tank Cover 24"x24" (50Kg) Square (Locking Type)	1	nos	5,500.00	5,500.00	5,500.00
•		Total rate				5,815.15

Actual rate	5,815.15
15% contractor overhead	872.27
Total (Rs.)	6,687.42

6687.42

47

5 kg fire extingusher ABC type Minimax, all complete set eversafe or equivalent .

sources	Level	Qty	Unit	Rate/unit	cost	Total cost
labour	skilled	1.00	nos	955.00	955.00	955.00
materials	5 kg fire extingusher ABC type Minimax, all complete set eversafe or equivalent .	1	nos	7,130.00	7,130.00	7,130.00
		Total rate				8,085.00
		Actual rate			8,085.00	
	15% contractor overhead				1,212.75	
	9297.75	Total (Rs.)				9,297,75

48

50mm dia UPVC 90 degree bend

_							
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost	
labour	skilled	0.08	nos	955.00	76.40		
	un skilled	0.10	nos	680.00	68.00	144.40	
materials	a.50mm dia UPVC 90 degree bend	1	nos	46.00	46.00		
	b. Jointing material setc.		Ls		5.00	51.00	
		Total rate	Total rate				
		Actual ra	Actual rate			195.40	
		15% contr	actor over	head		29.31	
per nos Rs.	224.71	Total (Rs.)				224.71	

Rate per nos Rs.

49

50mm dia UPVC 45 degree bend

	<u> </u>							
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost		
labour	skilled	0.08	nos	955.00	76.40			
	un skilled	0.10	nos	680.00	68.00	144.40		
	a.50mm dia UPVC 45 degree bend	1	nos	45.00	45.00			
	b. Jointing material setc.		Ls		5.00	50.00		
		Total rate	Total rate					
		Actual ra	te			194.40		
		15% conti	ractor over	head		29.16		
er nos Rs.	223.56	Total (Rs.)			223.56			

50

75mm dia UPVC 45 degree bend

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.11	nos	955.00	105.05	
	un skilled	0.10	nos	680.00	68.00	173.05
materials	a.75mm dia UPVC 45 degree bend	1	nos	330.00	330.00	
	b. Jointing material setc.		Ls		5.00	335.00
		Total rate			508.05	
		Actual rate			508.05	
		15% cont	ractor overl	nead		76.21
Rate per nos Rs.	584.26	Total (Rs.)			584.26

51

75 mm dia UPVC vent cowl

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.11	nos	955.00	105.05	
	un skilled	0.10	nos	680.00	68.00	173.05
materials	a.75 mm dia UPVC vent cowl	1	nos	53.00	53.00	
	b. Jointing material setc.		Ls		5.00	58.00
	· · · · ·	Total rate	I	I		231.05
		Actual ra	te			231.05
		15% contr	actor over	nead		34.66
Rate per nos Rs.	265.71	Total (Rs.)		ļ —		265.71
·		, ,				
52	7					
	⊐ 75 mm dia l	JPVC Y-Branch				
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.11	nos	955.00	105.05	
	un skilled	0.10	nos	680.00	68.00	173.05
materials	a.75 mm dia UPVC Y-Branch	1	nos	330.00	330.00	
maronas	b. Jointing material setc.	· ·	Ls	000.00	5.00	335.00
	2.33	Total rate			0.00	508.05
		Totaliale				300.03
		Actual ra	to			508.05
			ractor over	nead		76.21
Rate per nos Rs.	584.26	Total (Rs.)	acioi ovcii	icaa		584.26
kale pel 1103 ks.	304.20	Total (K3.)				304.20
E2	٦					
53	75	in nina alin				
		ia pipe clip.	Unit	Data / unit	o o o t	Total Cost
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.00	nos	955.00	-	
	un skilled	0.00	nos	680.00	-	=
materials	a.75 mm dia pipe clip.	1	nos	28.00	28.00	20.00
	b. Jointing material setc.		Ls		5.00	33.00
		Total rate				33.00
			1			20.00
		Actual ra				33.00
			actor over	neaa		4.95
Rate per nos Rs.	37.95	Total (Rs.)				37.95
	٦					
54						
		45 degree bend	11.21	Date (at)		T. I. I. O I
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.16	nos	955.00	152.80	
	un skilled	0.20	nos	680.00	136.00	288.80
materials	a.110 mm Bend 45 degree bend	1	nos	430.00	430.00	
	b. Jointing material setc.		Ls		5.00	435.00
		Total rate				723.80
		Actual ra				723.80
				nead		108.57
Rate per nos Rs.	832.37	Total (Rs.)				832.37
	7					
55	_					
_	75 mm dia UPV	C plain/door Tee.				
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.11	nos	955.00	105.05	
	un skilled	0.10	nos	680.00	68.00	173.05
materials	a.75 mm dia UPVC plain/door Tee.	1	nos	380.00	380.00	
	b. Jointing material setc.		Ls		5.00	385.00
	•					

		Total rate				558.05
		Actual rat	е			558.05
		15% contro	actor over	head		83.71
nos Rs.	641.76	Total (Rs.)				641.76
	٦					
56	75 mm dia II	PVC 90 degree bend				
SOUICAS		1		Rate/unit	cost	Total Cost
				 		10101 0031
IGDOOI						173.05
materials				330.00		170.00
						335.00
		Total rate		l l		508.05
		Actual rat	е			508.05
		15% contro	actor over	head		76.21
nos Rs.	584.26	Total (Rs.)				584.26
	_					
57						
	110 mm d	ia UPVC vent cowl		, , , , , , , , , , , , , , , , , , , ,		
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour		t	nos			
		1	nos			288.80
materials		1		87.00		
	b. Jointing material setc.	T. I. I I.	Ls		5.00	92.00
		lotal rate				380.80
		Actual rat				380.80
				head		57.12
nos Rs	437 92		301010101	11000		437.92
		15.15. (1.0.)				
58						
	110 mm dia	UPVC plain door Tee				
sources	110 mm dia Level	UPVC plain door Tee	Unit	Rate/unit	cost	Total Cost
sources labour		1	Unit nos	Rate/unit 955.00	cost 152.80	Total Cost
	Level	Qty				Total Cost 288.80
	Level skilled	Qty 0.16	nos	955.00	152.80	
labour	Level skilled un skilled	Qty 0.16 0.20	nos	955.00 680.00	152.80 136.00	
labour	Level skilled un skilled a.110 mm dia UPVC plain door Tee	Qty 0.16 0.20	nos nos nos	955.00 680.00	152.80 136.00 590.00	288.80
labour	Level skilled un skilled a.110 mm dia UPVC plain door Tee	Qty 0.16 0.20 1 Total rate	nos nos nos Ls	955.00 680.00	152.80 136.00 590.00	288.80 595.00 883.80
labour	Level skilled un skilled a.110 mm dia UPVC plain door Tee	Qty 0.16 0.20 1 Total rate Actual rat	nos nos nos Ls	955.00 680.00 590.00	152.80 136.00 590.00	288.80 595.00 883.80 883.80
labour materials	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc.	Qty 0.16 0.20 1 Total rate Actual rat 15% control	nos nos nos Ls	955.00 680.00 590.00	152.80 136.00 590.00	288.80 595.00 883.80 883.80 132.57
labour	Level skilled un skilled a.110 mm dia UPVC plain door Tee	Qty 0.16 0.20 1 Total rate Actual rat	nos nos nos Ls	955.00 680.00 590.00	152.80 136.00 590.00	288.80 595.00 883.80 883.80
labour materials	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc.	Qty 0.16 0.20 1 Total rate Actual rat 15% control	nos nos nos Ls	955.00 680.00 590.00	152.80 136.00 590.00	288.80 595.00 883.80 883.80 132.57
labour materials	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc.	Oty 0.16 0.20 1 Total rate Actual rat 15% contra	nos nos nos Ls	955.00 680.00 590.00	152.80 136.00 590.00	288.80 595.00 883.80 883.80 132.57
naterials r nos Rs.	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc. 1016.37	Qty 0.16 0.20 1 Total rate Actual rat. 15% contr. Total (Rs.)	nos nos nos Ls	955.00 680.00 590.00	152.80 136.00 590.00 5.00	288.80 595.00 883.80 883.80 132.57 1,016.37
labour materials	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc.	Oty 0.16 0.20 1 Total rate Actual rat 15% contra	nos nos nos Ls	955.00 680.00 590.00	152.80 136.00 590.00	288.80 595.00 883.80 883.80 132.57
naterials r nos Rs. 59 sources	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc. 1016.37 110 mm dia U Level	Oty O.16 O.20 I Total rate Actual rat I5% contre Total (Rs.) PVC 90 degrees bene	nos nos Ls e actor over	955.00 680.00 590.00	152.80 136.00 590.00 5.00	288.80 595.00 883.80 883.80 132.57 1,016.37
naterials r nos Rs. 59 sources	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc. 1016.37 110 mm dia U Level skilled	Otly 0.16 0.20 1 Total rate Actual rat 15% contre Total (Rs.) PVC 90 degrees bene Qty 0.16	nos nos Ls e actor over	955.00 680.00 590.00 head Rate/unit 955.00	152.80 136.00 590.00 5.00	288.80 595.00 883.80 883.80 132.57 1,016.37
naterials r nos Rs. 59 sources labour	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc. 1016.37 110 mm dia U Level skilled un skilled	Otly 0.16 0.20 1 Total rate Actual rat 15% contre Total (Rs.) PVC 90 degrees bend Qty 0.16 0.20	nos nos nos Ls e actor over d Unit nos nos	955.00 680.00 590.00 head Rate/unit 955.00 680.00	152.80 136.00 590.00 5.00 cost 152.80 136.00	288.80 595.00 883.80 883.80 132.57 1,016.37
naterials r nos Rs. 59 sources labour	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc. 1016.37 110 mm dia U Level skilled un skilled a.110 mm dia UPVC 90 degrees bend	Otly 0.16 0.20 1 Total rate Actual rat 15% contre Total (Rs.) PVC 90 degrees bend Qty 0.16 0.20	nos nos nos Ls e actor over d Unit nos nos nos	955.00 680.00 590.00 head Rate/unit 955.00 680.00	152.80 136.00 590.00 5.00 5.00	288.80 595.00 883.80 883.80 132.57 1,016.37 Total Cost 288.80
naterials r nos Rs. 59 sources labour	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc. 1016.37 110 mm dia U Level skilled un skilled a.110 mm dia UPVC 90 degrees bend	Qty 0.16 0.20 1	nos nos nos Ls e actor over d Unit nos nos nos	955.00 680.00 590.00 head Rate/unit 955.00 680.00	152.80 136.00 590.00 5.00 5.00	288.80 595.00 883.80 883.80 132.57 1,016.37 Total Cost 288.80 435.00
naterials r nos Rs. 59 sources labour	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc. 1016.37 110 mm dia U Level skilled un skilled a.110 mm dia UPVC 90 degrees bend	Qty 0.16 0.20 1	nos nos nos Ls e actor over d Unit nos nos Ls	955.00 680.00 590.00 head Rate/unit 955.00 680.00	152.80 136.00 590.00 5.00 5.00	288.80 595.00 883.80 883.80 132.57 1,016.37 Total Cost 288.80 435.00
naterials r nos Rs. 59 sources labour	Level skilled un skilled a.110 mm dia UPVC plain door Tee b. Jointing material setc. 1016.37 110 mm dia U Level skilled un skilled a.110 mm dia UPVC 90 degrees bend	Oty O.16 O.20 I Total rate Actual rat. 15% contro Total (Rs.) PVC 90 degrees benc Oty O.16 O.20 I Total rate	nos nos nos Ls e actor over d Unit nos nos Ls	955.00 680.00 590.00 head Rate/unit 955.00 680.00 430.00	152.80 136.00 590.00 5.00 5.00	288.80 595.00 883.80 132.57 1,016.37 Total Cost 288.80 435.00 723.80
	sources labour materials nos Rs. 57 sources labour materials	sources Level Iabour skilled un skilled materials a.75 mm dia UPVC 90 degree bend b. Jointing material setc. 110 mm d sources Level Iabour skilled un skilled un skilled b. Jointing material setc.	15% control Total (Rs.)	Total (Rs.) Total (Rs.)	15% contractor overhead 15% contractor overhead 156	15% contractor overhead Total (Rs.) T

110 mm dia Y-Brance

_							
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost	
labour	skilled	0.16	nos	955.00	152.80		
	un skilled	0.20	nos	680.00	136.00	288.80	
materials	a.110 mm dia Y-Brance	1	nos	780.00	780.00		
	b. Jointing material setc.		Ls		5.00	785.00	
		Total rate	Total rate				
		Actual rate				1,073.80	
		15% contr	actor over	head		161.07	
per nos Rs.	1234.87	Total (Rs.)				1 234.87	

Rate per nos Rs. 1234.87

61

110 mm dia UPVC pipe clip.

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.00	nos	955.00	=	
	un skilled	0.00	nos	680.00	=	=
materials	a.110 mm dia UPVC pipe clip.	1	nos	37.00	37.00	
	b. Jointing material setc.		Ls		5.00	42.00
•		Total rate		•		42.00
		Actual ra	te			42.00
		15% contr	ractor overl	nead		6.30
te per nos Rs.	per nos Rs. 48.30		Total (Rs.)			

46.5x35.5x26.5 cm SIZE URINAL COMPLETE SET

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	labour skilled			955.00	1,910.00	
	un skilled	1	nos	680.00	680.00	2,590.00
a. 46.5x35.5x26.5 cm White glaze flat back Urinal						
materials	(Hindware, Parryware,cera or eqv.)	1	nos	1,732.00	1,732.00	
	b.screw etc.	Ls			40.00	1,772.00
		Total rate				4,362.00
		Actual rate				4,362.00
			15% contractor overhead			
per set Rs. 5016.30			Total (Rs.)			

5016.30 Rate per set Rs.

51

68x30cm size URINAL Partation with all complete.

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.5	nos	955.00	477.50	
		semi skilled	0.5	nos	680.00	340.00	817.50
		a.68X30 cm White glaze Division plate urinal Partation					
	materials	(Hindware or equivalent)	1	nos	1,741.00	1,741.00	
		b.screw etc.	Ls			40.00	1,781.00
			Total rate	2,598.50			
			Actual rat	2,598.50			
			15% conc	389.78			
Rate p	oer set Rs.	2988.28		Total (Rs.)			

1x40 Watt F.T.L Box Fitting Wipro/GE or equivalent

3001	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost			
Ī	labour	skilled	0.5	nos	955.00	477.50				
		Semi skilled	0.5	nos	730.00	365.00				
		un skilled	0	nos	680.00	0.00	842.50			
	materials	a. FTL Set	10	nos	1159.00	11590.00				
		b.Tube rod with starter	10	nos	96.00	960.00				
		c.Chain	10	Rm	50.00	500.00				
		d Iron Hooks	20	nos	15.00	300.00				
		e. screw, grips etc.	10	LS	9.00	90.00				
							13440.00			
-	Total rate									
			Actual R	ate			14282.50			

15% conctractor overhead

Total (Rs.)

Rate per set Rs. 1642.48

Rate per no Rs.

	2	8 to 11 watt CFL lamp							
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost		
3002	labour	skilled	0	nos	955.00	0.00			
		Semi skilled	0	nos	730.00	0.00			
		un skilled	0	nos	680.00	0.00	0.00		
	materials	a.CFL bulb	10	nos	232.00	2320.00			
							2320.00		
			Total rate	е			2320.00		
		2320.00							
	348.00								

North-West/ Seimens Switch & Socket Or Equivalent

Total (Rs.)

3 1 Gang one way Switch F

266.80

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3003	labour	skilled	1	nos	955.00	955.00	
		Semi skilled	2	nos	730.00	1460.00	
		un skilled	0	nos	680.00	0.00	2415.00
	materials	a. Switch with plate	10	nos	211.00	2110.00	
		b.PVC /M Box	10	nos	52.00	520.00	
		c. CM, Screws, Grips etc.	10	LS	11.00	110.00	
							2740.00
	Total rate	Э			5155.00		
			Actual R	ate	5155.00		
Rate per set Rs. 592.82		15% con	ctractor	773.25			
			Total (Rs.)	5928.25		

2142.38

16424.88

2668.00

1 Gang Two wav Switch F

4	I Gang Iwo way switch F					
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	1	nos	955.00	955.00	
	Semi skilled	2	nos	730.00	1460.00	
	un skilled	0	nos	680.00	0.00	2415.00
materials	a. Switch with plate	10	nos	239.00	2390.00	
	b.PVC /M Box	10	nos	52.00	520.00	
	c. CM, Screws, Grips etc.	10	LS	11.00	110.00	
						3020.00
		Total rate	€			5435.00
		Actual R	ate			5435.00
Rate per set Rs. 625.02		15% con	ctractor		815.25	
		Total (Rs.)			6250.25
	sources labour materials	sources Level labour skilled Semi skilled un skilled a. Switch with plate b.PVC /M Box c. CM, Screws, Grips etc.	sources Level Qty labour skilled 1 Semi skilled 2 un skilled 0 materials a. Switch with plate 10 b.PVC /M Box 10 c. CM, Screws, Grips etc. 10 Total rate Actual Research	sources Level Qty Unit labour skilled 1 nos Semi skilled 2 nos un skilled 0 nos materials a. Switch with plate 10 nos b.PVC /M Box 10 nos c. CM, Screws, Grips etc. 10 LS Total rate	Sources Level Qty Unit Rate/unit	Sources Level Qty Unit Rate/unit cost Iabour

-	5	2 Gang one way Switch F					
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3005	labour	skilled	1	nos	955.00	955.00	
		Semi skilled	2	nos	730.00	1460.00	
		un skilled	0	nos	680.00	0.00	2415.00
	materials	a. Switch with plate	10	nos	355.00	3550.00	
		b.PVC /M Box	10	nos	52.00	520.00	
		c. CM, Screws, Grips etc.	10	LS	11.00	110.00	
							4180.00
Total rate						6595.00	
			Actual R	ate			6595.00
Rate per set Rs. 758.42			15% con	ctractor	989.25		

Total (Rs.)

7584.25

Approved by

3 Gang one wav Switch F

•	3 Gang one way switch r					
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	1	nos	955.00	955.00	
	Semi skilled	2	nos	730.00	1460.00	
	un skilled	0	nos	680.00	0.00	2415.00
materials	a. Switch with plate	10	nos	501.00	5010.00	
	b.PVC /M Box	10	nos	56.00	560.00	
	c. CM, Screws, Grips etc.	10	LS	11.00	110.00	
						5680.00
		Total rate	Э			8095.00
		Actual R	ate			8095.00
	930.92	15% con	ctractor	overhead		1214.25
	sources labour materials	sources Level skilled Semi skilled un skilled a. Switch with plate b.PVC /M Box c. CM, Screws, Grips etc.	sources Level Qty labour skilled 1 Semi skilled 2 un skilled 0 materials a. Switch with plate 10 b.PVC /M Box 10 c. CM, Screws, Grips etc. 10 Total rate	labour skilled 1 nos Semi skilled 2 nos un skilled 0 nos materials a. Switch with plate 10 nos b.PVC /M Box 10 nos c. CM, Screws, Grips etc. 10 LS Total rate Actual Rate	Sources Level Qty Unit Rate/unit	Sources Level Qty Unit Rate/unit Cost

Total (Rs.) 9309.25

7	4 Cana	one way	Switch F
/	4 Gang	one way	JWIICH F

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3007	labour	skilled	1	nos	955.00	955.00	
		Semi skilled	2	nos	730.00	1460.00	
		un skilled	0	nos	680.00	0.00	2415.00
	materials	a. Switch with plate	10	nos	645.00	6450.00	
		b.PVC /M Box	10	nos	68.00	680.00	
		c. CM, Screws, Grips etc.	10	LS	11.00	110.00	
							7240.00
	9655.00						

Actual Rate

Rate per set Rs. 1110.32 15% conctractor overhead

Total (Rs.)

9655.00 1448.25 11103.25

8 6 Gang one way Switch F

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3008	labour	skilled	1	nos	955.00	955.00	
		Semi skilled	2	nos	730.00	1460.00	
		un skilled	0	nos	680.00	0.00	2415.00
	materials	a. Switch with plate	10	nos	996.00	9960.00	
		b.PVC /M Box	10	nos	136.00	1360.00	
		c. CM, Screws, Grips etc.	10	LS	11.00	110.00	
							11430.00

13845.00 Total rate

Actual Rate

Rate per set Rs. 1592.17 15% conctractor overhead

Total (Rs.)

15921.75

13845.00

2076.75

16/6 Amp Combined S/Socket with safety shutter F

_	•						
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3009	labour	skilled	1	nos	955.00	955.00	
		Semi skilled	2	nos	730.00	1460.00	
		un skilled	0	nos	680.00	0.00	2415.00
	materials	a. Switch Socket	10	nos	392.00	3920.00	
		b.PVC /M Box	10	nos	52.00	520.00	
		c. CM, Screws, Grips etc.	10	LS	11.00	110.00	
							4550.00

Total rate

Actual Rate

6965.00

6965.00

Approved by Estimate by Checked by

 Rate per set Rs.
 800.97
 15% conctractor overhead
 1044.75

 Total (Rs.)
 8009.75

10 16 Amp 415 Volt Change over Switch

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3010	labour	skilled	0.5	nos	955.00	477.50	
		Semi skilled	1	nos	730.00	730.00	
		un skilled	0	nos	680.00	0.00	1207.50
	materials	a. Switch	1	nos	500.00	500.00	
		b. CM, Screws, Grips etc.	LS			25.00	
							525.00
			Tatal rate	9			1732.50
				ate		1732.50	
Rate per set Rs. 1992.38		15% con	ctractor		259.88		
	•)	1992.38		

Panel Board & Accessaries

60/100Amp Panel Board with Suitable color, Floor Mounted Double cover,

11 Push Type Switch, Size 9"x36"x48"

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3011	labour	skilled	1	nos	955.00	955.00	
		Semi skilled	2	nos	730.00	1460.00	
		un skilled	0	nos	680.00	0.00	2415.00
	materials a. Panel Board		1	nos	21414.00	21414.00	
		b. CM, Screws, Bus Bar	LS			46.00	
							21460.00
		23875.00					
	23875.00						

15% conctractor overhead

3581.25

27456.25

MCCB 10KA to 40KA-Siemens,GE, Legrand, C&S or Eqv.

Total (Rs.)

12 60 Amp MCCB

27456.25

Rate per set Rs.

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3012	labour	skilled	0	nos	955.00	0.00	
		Semi skilled	0	nos	730.00	0.00	
		un skilled	0	nos	680.00	0.00	0.00
	materials	a. MCCB	1	nos	5665.00	5665.00	
		b. CM, Screws, Grips etc.	LS			0.00	
							5665.00
		5665.00					

			Actual R	ate			5665.00
Rate per set Rs	š.	6514.75	15% con	ctractor	overhead		849.75
			Total (Rs.	.)		Ī	6514.75
			•	•		L	_
	13	Voltmeter (0-500)	T	T			
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3013	labour	skilled	0	nos	955.00	0.00	
		Semi skilled	0	nos	730.00	0.00	
		un skilled	0	nos	680.00	0.00	0.00
	materials	a. Voltmeter	1	nos	1023.00	1023.00	
		c. CM, Screws, Grips etc.	LS			0.00	
							1023.00
•			Totaal ra	ite			1023.00
						Ī	
			Actual R	ate		Ī	1023.00
Rate per set Rs	i .	1176.45	15% con	ctractor	overhead	ŀ	153.45
			Total (Rs.				1176.45
			1010. (110.	1		L	117 0110
_	13	Indicator					
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3013	labour	skilled	0	nos	955.00	0.00	
		Semi skilled	0	nos	730.00	0.00	
		un skilled	0	nos	680.00	0.00	0.00
	materials	a. Indicator	1	nos	237.00	237.00	
		c. CM, Screws, Grips etc.	LS			0.00	
							237.00
			Totaal ra	ite	<u>. </u>		237.00
						ľ	
			Actual R	ate		ľ	237.00
Rate per set Rs	3.	272.55			overhead	ŀ	35.55
·			Total (Rs.			=	272.55
_	14	Amp. Meter (0-500)	•	,		L	
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3014	labour	skilled	0	nos	955.00	0.00	
		Semi skilled	0	nos	730.00	0.00	
		un skilled	0	nos	680.00	0.00	0.00
	materials	a. Amp.Meter	1	nos	979.00	979.00	
		b. CM, Screws, Grips etc.	LS			0.00	
							979.00
		l.	Total rate	. e			979.00
			Actual P	ate		ļ	979.00
Actual Rate							// /.00

Kale per ser ks			.0,0 00	0	Overneda	<u> </u>	140.00
			Total (Rs.	.)			1125.85
	15	Clarator Coultab					
Ī	15	Slector Switch	Ohi	Lleit	Dorto / unit	2224	Total Cost
0015	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3015	labour	skilled	0	nos	955.00	0.00	
		Semi skilled	0	nos	730.00	0.00	0.00
-		un skilled a. Selector Switch	0	nos	680.00	0.00	0.00
	materials	b. CM, Screws, Grips etc.	1	nos	711.00	711.00	
			LS			0.00	711.00
L					<u> </u>		711.00
			Total rate	Э		}	711.00
						-	
			Actual ro				711.00
Rate per set Rs	•	817.65			overhead		106.65
			Total (Rs.	.)		L	817.65
	16	C.T.Coil					
Г	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3016	labour	skilled	0	nos	955.00	0.00	10101 0031
0010	100001	Semi skilled	0	nos	730.00	0.00	
		un skilled	0	nos	680.00	0.00	0.00
}	materials	a. CT Coil	1	nos	1432.00	1432.00	0.00
	maionais	b. CM, Screws, Grips etc.	LS	1103	1402.00	0.00	
			20			0.00	1432.00
Ļ		I.	Total rate	۵	<u> </u>		1432.00
			Totalian	5		-	1402.00
			Actual R	ate	1432.00		
Rate per set Rs		1646.80			overhead		214.80
Kare per ser ks	•	1040.00	Total (Rs.		1646.80		
			10101 (13.	•)		L	1040.00
	17	40-60 Amp TP MCB					
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3119	labour	skilled	0	nos	955.00	0.00	
		Semi skilled	0	nos	730.00	0.00	
		un skilled	0	nos	680.00	0.00	0.00
	materials	a. M.C.B	10	nos	1391.00	13910.00	
		b. CM, Screws, Grips etc.	LS			0.00	
							13910.00
_		•	Total rate	е	•		13910.00
						ļ	
				ate	13910.00		
Rate per Nos F	Rs.	1599.65	15% conctractor overhead				2086.50
•							

15% conctractor overhead

Rate per set Rs.

1125.85

146.85

Total (Rs.) 15996.50

18	42"	Ceilina	Fan

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3018	labour	skilled	0.5	nos	955.00	477.50	
		Semi skilled	0.5	nos	730.00	365.00	
		un skilled	0	nos	680.00	0.00	842.50
	materials	a. Fan	1	nos	3400.00	3400.00	
		b. Iron clamps	LS			60.00	
		c. Ceiling rose	1	nos	35.00	35.00	
		d. CM, Screws, Grips etc.	LS			25.00	
							3520.00
-		4362.50					

Actual Rate
15% constructor overhead

4362.50

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 Rate per set Rs.
 5016.88
 15% conctractor overhead
 654.38

 Total (Rs.)
 5016.88

19 9" Exhaust Fan

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3019	labour	skilled	1	nos	955.00	955.00	
		Semi skilled	1	nos	730.00	730.00	
		un skilled	0	nos	680.00	0.00	1685.00
	materials a. Fan		1	nos	1803.00	1803.00	
		b. Wooden Frame	1	LS	100.00	100.00	
		c. Nut bolts	4	nos	LS	50.00	
		d. CM, Cement Paints etc.	LS			38.00	
							1991.00

Total rate 3676.00

Actual Rate 3676.00

 Rate per set Rs.
 4227.40
 15% conctractor overhead
 551.40

 Total (Rs.)
 4227.40

20 Dome Light 8" Milky Type Heavy Carrier(decorative)

		Doine Ligiti o milky type i								
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost			
3020	labour	skilled	0.5	nos	955.00	477.50				
		Semi skilled	0.5	nos	730.00	365.00				
		un skilled	0	nos	680.00	0.00	842.50			
	materials	a. D Light	10	nos	227.00	2270.00				
		b. CM, Screws, Grips etc.	10	nos	32.00	320.00				
							2590.00			
	Total rate									

		Actual Rate	3432.50
Rate per set Rs.	394.73	15% conctractor overhead	514.88
		Total (Rs.)	3947.38

21 Musical Bell

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3021	labour	skilled	0.5	nos	955.00	477.50	
		Semi skilled	0.5	nos	730.00	365.00	
		un skilled	0	nos	680.00	0.00	842.50
	materials	a.M.Bell	10	nos	222.00	2220.00	
		b. CM, Screws,.		LS		90.00	
							2310.00
•			Total rate)			3152.50
			Actual R	ate			3152.50
Rate per set Rs. 362.53		15% con	ctractor	472.88			

Total (Rs.)

Multistrand Flexible wire(1 coil=90.00M)

Concelled Wiring

1.5mm2 PVC insulated copper wire

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3022	labour	skilled	0.75	nos	955.00	716.25	
		Semi skilled	1.3	nos	730.00	949.00	
		un skilled	1.2	nos	680.00	816.00	2481.25
	materials	a.Cu wire	100	Rm	18.31	1831.00	
		b.HDP, hooks	100	LS	7.11	711.00	
							2542.00
			Total rate	€			5023.25
			Actual Re	ate.			5023.25
Rate per Rm Rs. 57.76		57.76	15% con	ctractor		753.49	
			Total (Rs.)			5776.74

23 2.5mm2 PVC insulated copper wire

		z.onmiz i vo modiaica cop					
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3023	labour	skilled	0.75	nos	955.00	716.25	
		Semi skilled	1.3	nos	730.00	949.00	
		un skilled	1.2	nos	680.00	816.00	2481.25
	materials	a.Cu wire	100	Rm	26.90	2690.00	
		b.HDP, hooks	100	LS	7.11	711.00	
							3401.00
		5882.25					

3625.38

		Actual Rate	5882.25
Rate per Rm Rs.	67.64	15% conctractor overhead	882.34
		Total (Rs.)	6764.59

24 4.0mm2 PVC insulated copper wire

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3024	labour	skilled	0.75	nos	955.00	716.25	
		Semi skilled	1.3	nos	730.00	949.00	
		un skilled	1.2	nos	680.00	816.00	2481.25
	materials	a.Cu wire	100	Rm	43.48	4348.00	
		b.HDP, hooks	100	LS	9.91	991.00	
							5339.00
_			Total rate	e			7820.25

Actual Rate 7820.25

Rate per Rm Rs. 89.93 15% conctractor overhead 1173.04

Total (Rs.) 8993.29

25 6.0mm2 PVC insulated copper wire

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3025	labour	skilled	1	nos	955.00	955.00	
		Semi skilled	1.5	nos	730.00	1095.00	
		un skilled	2	nos	680.00	1360.00	3410.00
	materials	a.Cu wire	100	Rm	68.66	6866.00	
		b.HDP, hooks	100	LS	9.91	991.00	
							7857.00

 Total rate
 11267.00

 Actual Rate
 11267.00

 15% conctractor overhead
 1690.05

 Rate per Rm Rs.
 129.57
 15% conctractor overhead
 1690.05

 Total (Rs.)
 12957.05

26 10 mm² 4 core Nepal, Prakash Or NS

_		-					
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3026	labour	skilled	0.75	nos	955.00	716.25	
		Semi skilled	1.3	nos	730.00	949.00	
		un skilled	1.5	nos	680.00	1020.00	2685.25
	materials	a. Cu wire	100	Rm	618.00	61800.00	
		b.Shaddle,Grips,Screws	100	LS	22.00	2200.00	
							64000.00
		66685.25					
			Actual R	ate			66685.25

Rate perRm Rs.	766.88	15% conctractor overhead	10002.79
		Total (Rs.)	76688.04

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3027	labour	skilled	0.75	nos	955.00	716.25	
		Semi skilled	1.3	nos	730.00	949.00	
		un skilled	1.5	nos	680.00	1020.00	2685.25
	materials	a.Cu wire	100	Rm	901.00	90100.00	
		b.Shaddle,Grips,Screws	100	LS	33.00	3300.00	
							93400.00
			Total rate	e			96085.25
			Actual R	ate			96085.25
Rate per Rm R	ls.	1104.98	15% con	ctractor	overhead		14412.79
			Total (Rs.)			110498.04

28 35 mm² 4 core Nepal, Prakash Or NS

_	20	oo man i oo o no pan, man		<u> </u>			
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
3028	labour	skilled	1	nos	955.00	955.00	
		Semi skilled	2	nos	730.00	1460.00	
		un skilled	3	nos	680.00	2040.00	4455.00
	materials	a.Cu wire	100	Rm	1803.00	180300.00	
		b.Saddle,Grips, Screws	100	LS	33.00	3300.00	
							183600.00
			Total rate)			188055.00
			Actual R	ate.		188055.00	
Rate per Rm. Rs. 2162.63		15% conctractor overhead				28208.25	
			Total (Rs.)		216263.25	

29 6-32 Amp SP MCB

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0	nos	955.00	0.00	
		Semi skilled	0	nos	730.00	0.00	
		un skilled	0	nos	680.00	0.00	0.00
	materials	а.МСВ	10	Nos	374.00	3740.00	
		b.CM, Screws		LS	0.00	0.00	
							3740.00
			Total rate)			3740.00
Actual Rate						3740.00	
Rate per Nos. Rs. 430.10		15% con	ctractor	561.00			

4301.00 Total (Rs.)

30	40 /	amA (TD	

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0	nos	955.00	0.00	
	Semi skilled	0	nos	730.00	0.00	
	un skilled	0	nos	680.00	0.00	0.00
materials	а.МСВ	10	Nos	1391.00	13910.00	
	b.CM, Screws		LS	0.00	0.00	
						13910.00
	13910.00					

Actual Rate

Rate per Nos. Rs. 1599.65 15% conctractor overhead

Total (Rs.)

13910.00 2086.50 15996.50

12 way SPN DB Double Cover 31

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.5	nos	955.00	477.50	
	Semi skilled	0.75	nos	730.00	547.50	
	un skilled	0	nos	680.00	0.00	1025.00
materials	a.Cover	1	Nos	1679.00	1679.00	
	b.CM, Screws		LS	0.00	45.00	
						1724.00

2749.00 Total rate

Actual Rate

Rate per Set. Rs. 3161.35 15% conctractor overhead

Total (Rs.)

412.35 3161.35

2749.00

32 8 way TPN DB Double Cover

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.5	nos	955.00	477.50	
	Semi skilled	0.75	nos	730.00	547.50	
	un skilled	0	nos	680.00	0.00	1025.00
materials	a.Cover	1	Nos	1416.00	1416.00	
	b.CM, Screws		LS	0.00	45.00	
						1461.00

Total rate

2486.00

			Actual R	ate		ĺ	2486.00
Rate per Set. R	Rs.	2858.90			overhead	ľ	372.90
mana han a		20000	Total (Rs.		Ī	2858.90	
	33	4 way SPN DB Double Cov	•	•,		L	
!	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.5	nos	955.00	477.50	
		Semi skilled	0.75	nos	730.00	547.50	
!		un skilled	0	nos	680.00	0.00	1025.00
	materials	a.Cover	1	Nos	1082.00	1082.00	
		b.CM, Screws	1	LS	0.00	45.00	
!		, , , , , , , , , , , , , , , , , , ,	1	-			
							1127.00
1	<u> </u>	.1	Total rate	-		Ì	2152.00
				5		Ţ	
			Actual R	ate		ľ	2152.00
Rate per Set. R	Re.	2474.80			overhead	ľ	322.80
N-1- p			Total (Rs.		0.5	ľ	2474.80
			1010. (•1		L	<u></u>
	34	6 way SPN DB Double Cov	/er				
!	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.5	nos	955.00	477.50	
!		Semi skilled	0.75	nos	730.00	547.50	
!		un skilled	0	nos	680.00	0.00	1025.00
	materials	a.Cover	1	Nos	1135.00	1135.00	* *-* : : :
		b.CM, Screws	1	LS	0.00	45.00	
		5.6, 56.6	1				
			†				1180.00
I	<u> </u>	<u>I</u>	Total rate	<u>,</u>			2205.00
			10101.0	5		Ī	
			Actual R	ate		ľ	2205.00
Rate per Set. R	Re.	2535.75			overhead	ľ	330.75
Naio poi com	13.	2000 0	Total (Rs.		0,0111033	İ	2535.75
	35	6-32 Amp DP MCB	10101 (110.	•)		L	2000.7.0
1	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
!	labour	skilled	0	nos	955.00	0.00	10101 0001
!	IGDOG	Semi skilled	0	nos	730.00	0.00	
		un skilled	0		680.00	0.00	0.00
	matarials	a.MCB		nos			0.00
!	materials		10	Nos	976.50	9765.00	
ļ		b.CM, Screws	+	LS	0.00	0.00	
!			1				07/5 00
	<u> </u>						9765.00

Total rate

9765.00

		Actual Rate	9765.00
Rate per Set. Rs.	1122.97	15% conctractor overhead	1464.75
		Total (Rs.)	11229.75

	36	IS 3043 Copper Plate65cm	g)				
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.2	nos	955.00	191.00	
		Semi skilled	1.5	nos	730.00	1095.00	
		un skilled	2	nos	680.00	1360.00	2646.00
	materials	a.Copper Plate(11.88 kg)	1	nos	10893.96	10893.96	
		b. Coal 4 bag, Salt 40 kg,sand,soil etc.	1	nos	1738.80	1738.80	
							12632.76
			Total rate	Э			15278.76
			Actual R	ate			15278.76
Rate per set Rs. 17570.57		15% con	ctractor	2291.81			
			Total (Rs.)			17570.57

37	4 mm ⁻ 3 core Arr	nored cab	le wire t	hrough 40 mm	i dia HDPE condui	if (4 kgt/cm2)
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.75	nos	955.00	716.25	
	Semi skilled	1.3	nos	730.00	949.00	
	un skilled	1.2	nos	680.00	816.00	2481.25
materials	a.4mm sq Cu wire	100	Rm	258.00	25800.00	
	b.HDPE	100	Rm	81.00	8100.00	
	c.Saddle,Grips, Screws	100	LS	22.00	2200.00	
		+				0.4100.00
						36100.00
		Total rate	е		-	38581.25
		Actual R	ate			38581.25
Rs.	443.68	15% con	ctractor	overhead	L	5787.19
		Total (Rs	.)			44368.44

38 16 way SPN DB Double Cover

Rate per Rm.

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.5	nos	955.00	477.50	
	Semi skilled	0.75	nos	730.00	547.50	
	un skilled	0	nos	680.00	0.00	1025.00
materials	a.Cover	1	Nos	1795.00	1795.00	
	b.CM, Screws		LS	0.00	45.00	

			1840.00
		Total rate	2865.00
		Actual Rate	2865.00
Rate per Set. Rs.	3294.75	15% conctractor overhead	429.75
		Total (Rs.)	3294.75

39 Dimmer Single 750 Watt F

736.86

Rate per set Rs.

39	Dimmer Single 750 Watt F					
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.5	nos	955.00	477.50	
	Semi skilled	1	nos	730.00	730.00	
	un skilled	0	nos	680.00	0.00	1207.50
materials	a. Switch	10	nos	459.00	4590.00	
	b.Box	10	nos	50.00	500.00	
ĺ	c. CM, Screws, Grips etc.	10	LS	11.00	110.00	
						5200.00
		Actual ro	ate			6407.50

 15% conctractor overhead
 961.13

 Total (Rs.)
 7368.63

40 2.5 mm² 2 core Nepal, Prakash Or NS

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.75	nos	955.00	716.25	
	Semi skilled	1.3	nos	730.00	949.00	
	un skilled	1.2	nos	680.00	816.00	2481.25
materials	a. Cu wire	100	Rm	139.00	13900.00	
	b.HDPE	100	Rm	50.00	5000.00	
	c.Shaddle,Grips,Screws	100	LS	22.00	2200.00	
						21100.00
		Total rate	е			23581.25
		Actual R	ate			23581.25

 Rate perRm Rs.
 271.18
 15% conctractor overhead
 3537.19

 Total (Rs.)
 27118.44

41 25*3mm copper strip

	23 Sillili Copper silip						
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost	
labour	skilled	0.75	nos	955.00	716.25		
	Semi skilled	1.3	nos	730.00	949.00		
	un skilled	1.2	nos	680.00	816.00	2481.25	
materials	a.Cu wire	100	Rm	709.97	70997.00		
	b, hook,.gripes screws etc	100	LS	9.91	991.00		
						71988.00	
	Total rate						

		Actual rate	74469.25
Rate per Rm Rs.	856.39	15% conctractor overhead	11170.39
		Total (Rs.)	85639.64

42	Lightning	rod c	onner	coductor	air ·	termination
42	Ligillillig	iou c	.oppei	COGUCIOI	uii	iei i i i i i i i i i i i i i i i i i i

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost					
labour	skilled	0.5	nos	955.00	477.50						
	Semi skilled	1	nos	730.00	730.00						
	un skilled	0	nos	680.00	0.00	1207.50					
materials	Conductor	1	nos	2730.00	2730.00						
	b. CM, Screws, Grips etc.	1	LS	9.00	9.00						
						2739.00					
	Total rate										
	Actual rate										

15% conctractor overhead

591.98 4538.48

604.69 4635.94

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43 3 meter high 62.5 mm dia Steel tubular external light pole

Total (Rs.)

4538.48

Rate per set Rs.

Rate per set Rs.

	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.25	nos	955.00	238.75	
		Semi skilled	1.5	nos	730.00	1095.00	
		un skilled	2	nos	680.00	1360.00	2693.75
	materials	a.Light Pole with base	1	nos	3500.00	3500.00	
		b. Foundation materials.	1	LS	340.00	340.00	3840.00
•			Total rate)	6533.75		
			Actual ro	ite		6533.75	
Rate per set Rs.		7513.81	15% conctractor overhead			980.06	
			Total (Rs.)	7513.81		

44 300 mm dia Polycarbonare post top light with 12 W LED Lamp

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost				
labour	skilled	0.25	nos	955.00	238.75					
	Semi skilled	0.25	nos	730.00	182.50					
	un skilled	0.5	nos	680.00	340.00	761.25				
materials	a. Post Top Light	1	nos	2500.00	2500.00					
	b. 12 W LED Lamp.	1	nos	750.00	750.00					
	b. CM, Screws, Grips etc.	1	nos	20.00	20.00	3270.00				
		Total rate	Э			4031.25				
	Actual rate									

15% contractor overhead

Total (Rs.)

Estimate by Checked by

4635.94

SOLAR PV SYSTEM 250 W PV Module

_	45	250 W PV Module					
	sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
	labour	skilled	0.3	nos	955.00	286.50	
		Semi skilled	0.5	nos	730.00	365.00	
		un skilled	1	nos	680.00	680.00	1,331.50
	materials	a. 250 W PV Module	1	nos	22,500.00	22,500.00	
		b. Fixing and Connecting					
		Materials	1	LS	2,000.00	2,000.00	24,500.00
			Total rate)			25831.50
							`
			Actual ro	ıte			25831.50
Rate per set Rs		29706.23	15% cond	ctractor	overhead		3874.73

48V 300 Ah@C10 Dry charged Tubular Solar Battery

40	46 V 300 Allec to bly charg	eu iubui	ui Joiui	bullery		
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.2	nos	955.00	191.00	
	Semi skilled	0.4	nos	730.00	292.00	
	un skilled	1	nos	680.00	680.00	1,163.00
materials	a. 300 Ah C10 Solar	1	nos	32,100.00	32,100.00	
	b. Fixing and Connecting	1	LS	1,500.00	1,500.00	33,600.00

Total rate 34763.00

Actual rate

Total (Rs.)

Rate per set Rs. 39977.45 15% conctractor overhead

Total (Rs.)

5214.45 39977.45

34763.00

29706.23

47 4 KVA Hybrid Inverter

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.8	nos	955.00	764.00	
	Semi skilled	0.4	nos	730.00	292.00	
	un skilled	0.2	nos	680.00	136.00	1,192.00
materials	a. 4 KVA Hybrid Inverter	1	nos	71,500.00	71,500.00	
	b. Fixing and Connecting	1	LS	800.00	800.00	72,300.00

Total rate

73492.00

Actual rate

73492.00 11023.80

Rate per set Rs. 84515.80 15% conctractor overhead

Total (Rs.)

84515.80

Total cost of solar	Unit	Qty	Rate	
250 W PV Module	No	10	29706.23	297062.3

48V 300 Ah@C10 Dry charged Tubular Solar Battery	No	1	39977.45	39977.45
4 KVA Hybrid Inverter	No	1	84515.80	84515.8
Total cost of solar				421555.55

48 1'*1' Led Panel light Wipro/Fiam/Philips or equivalent

Rate per set Rs.

sources	Level	Qty	Unit	Rate/unit	cost	Total Cost				
labour	skilled	0.5	nos	955.00	477.50					
	Semi skilled	0.5	nos	730.00	365.00					
	un skilled	0	nos	680.00	0.00	842.50				
materials	a.1'*1' Led Panel light	10	nos	5800.00	58000.00					
	b. Rod, screw, grips etc.	10	LS	9.00	90.00					
						58090.00				
	Total rate									
		Actual ro	ate	58932.50						
		15% con	ctractor	8839.88						
Rs.	6777.23	Total (Rs.	.)	67772.38						

49	12 Watt Lea Panel light rou	na/squar	e wipro,	/Fiam/Philips o	or equivalent	
sources	Level	Qty	Unit	Rate/unit	cost	Total Cost
labour	skilled	0.5	nos	955.00	477.50	
	Semi skilled	0.5	nos	730.00	365.00	
	un skilled	0	nos	680.00	0.00	842.50
	a 12 Watt Led Panel light					
materials		10	nos	2600.00	26000.00	
	b, screw, grips etc.	10	LS	9.00	90.00	
						26090.00
		Total rate	9			26932.50
		Actual ro	ate			26932.50

15% conctractor overhead 4039.88 Rate per set Rs. 3097.23 Total (Rs.) 30972.38

Checked by Estimate by

Government of Nepal

Ghodaghodi Municipality Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAIL ESTIMATE (Site Development)

	Description		Measurement						D
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout							Sq.m	
	Pedestrian Way	1.00	Area=	1000	0.00		1000.00		
	Footpath border	1.00	600.00	600.00	0.30		180.00		
	flower bed wall	1.00	200.00	200.00	0.65		130.00		
	Retaining wall	1.00	100.00	100.00	1.80		180.00		
	Boundary wall	1.00	250.00	250.00	0.65		162.50		
	Foot trail	1.00	1270.00	1270.00	2.00		2540.00		
	stepping flagstone	100.00	Area=	0.0	36		66.00		
	Drain	1.00	200.00	200.00	0.83		166.00		
	parking	1.00	Area=	900	.00		900.00		
				Total Site Cle	arance Wo	ork	5324.50	Sq.m	
2	Earthwork in Excavation								
2.1	Earth work in excavation manually							Cu.m	
	Footpath border	1.00	600.00	600.00	0.30	0.30	54.00		
	Flower bed	1.0	200.00	200.00	0.43	0.43	36.98		
	Retaining wall	1.00	100.00	100.00	1.80	3.23	581.40		
	Boundary wall	1.00	250.00	250.00	0.65	0.58	162.50		
	parking	1.00	Area=	900	.00	0.23	207.00		
	Drain	1.00	200.00	200.00	0.83	0.46	76.36		
			Tota	al excavatio	n work mar	nually	1118.24	Cu.m	
2.1	Bacfilling							Cu.m	
	as per excavation								
	flower bed						139.64		
			Tote	al excavatio	n work mar	nually	139.64	Cu.m	
3	Brick soling	1.00	A	1000	0.00		1000.00		
	Pedestrian Way	1.00	Area=		1		1000.00		
	Flower bed	1.00	200.00	200.00	0.23 0.45		46.00		
	Boundary wall stepping flagstone	100.00	250.00 Area=	230.00			112.50 66.00		1
	Stepping hagstone Drain	1.00	200.00	200.00	0.83		166.00		
	Didiil	1.00	200.00	Total brick soling			1390.50	\$q.m	
3	Stone soling			. 3.4. 21.			1070.00	54.111	
	Dry stone / boulder soling work in foundation of retaining wall.							Cu.m	
	Footpath border	1.00	600.00	600.00	0.15	0.10	9.00		
	Retaining wall	1.00	100.00	100.00	1.80	0.15	27.00		
	parking	1.00	Area=	900	.00	0.15	135.00		

DETAIL ESTIMATE (Site Development)

S.N	Description	Nos.		Measu	rement		Quantity	Unit	Remarks
3.14	Description	NOS.	Length	T.Length	Breadth	Height	Quality	01111	Kemarks
				Total sto	ne soling		171.00	Cu.m	
5	BW 1:6							Cu.m	
	Flower bed	1.00	200.00	200.00	0.23	0.30	13.80		
	Boundary wall	1.00	250.00	250.00	0.23	0.45	25.87		
	Drain	2.00	200.00	400.00	0.23	0.45	41.40		
			1	Total 1	1:6 BW		81.07	Cu.m	
5	BW 1:4								
	Flower bed	1.00	200.00	200.00	0.12	0.60	14.40		
	Boundary wall	1.00	250.00	250.00	0.12	0.90	27.00		
			-	Total 1	1:4 BW		41.40	Cu.m	
5	1:6 stone masonry work								
	Footpath border	1.00	600.00	600.00	0.15	0.30	27.00		
	Retaining wall	1.00	100.00	100.00	1.15	3.00	345.00		
				Total 1:6 ma	I		372.00	Cu.m	
6	PCC				<u> </u>				
6.1	M10 (1:3:6)							Cu.m	
	Pedestrian Way	1.00	Area=	1000	0.00	0.08	80.00		
	Flower bed	1.00	200.00	200.00	0.23	0.08	3.68		
	Footpath border	1.00	600.00	600.00	0.15	0.08	7.20		
	Retaining wall	1.00	100.00	100.00	1.80	0.08	14.40		
	Boundary wall	1.00	250.00	250.00	0.45	0.08	112.50		
	stepping flagstone	100.00	Area=	0.0	l	0.08	5.28		
	Drain	1.00	200.00	200.00	0.83	0.08	13.28		
				Total M10 (1:3:6) PCC			236.34	Cu.m	
					<u> </u>				
6.2	M15 (1:2:4)								
	parking	1.00	Area=	900	0.00	0.13	117.00		
	11.5			Total M15 ((1:2:4) PCC		117.00	Cu.m	
6.2	M20				Ì		11112		
	Boundary wall	1.00	250.00	250.00	0.12	0.08	2.40		
	2000007				M20		2.40	Cu.m	
7	Formwork							sq.m	
	Boundary wall	1.00	250.00	250.00		0.16	40.00	- 4	
	Edge of concrete block	1.00	60.00	60.00		0.08	4.80		
	Drain	2.00	200.00	400.00		0.08	32.00		
	5.6	2.00	200.00		rmwork	0.00	76.80	\$q.m	
8	Rebar							04	
	rebar	1.00	2	2.40			188.40		
	Tebai			Total reinf	orcemen i		188.40	kg	<u> </u>
			1	TOTAL TEITH		<u> </u>	100.40	κ9	
11									-
11	FINISHING		i i					C	
	38 mms screeding and punning	1.0	000.0	202.02	0.0		1,000	\$q.m	
11.1		1.0	200.0	200.00 mm screedin	0.8	min an	160.00 160.00	Sq.m Sqm	

DETAIL ESTIMATE (Site Development)

	2			Measu	rement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	drain	2.0	200.0	400.00		0.5	200.00		
			•	Total puni	ning work	•	200.00	Sqm	
8	Flagstone work								
	Pedestrian Way	1.00	Ar	rea=	1000.00		1000.00		
	stepping flagstone	100.00	Area=	0.	66		66.00		
				Total flags	tone work	1	1066.00	sq.m	
11	Plaster work								
11.1	external plaster							Sq.m	
	Flower bed	1.0	200.0	200.00		1.0	200.00		
	boundary wall	1.0	250.0	250.00		2.1	525.00		
	drain	2.0	200.0	400.00		0.5	200.00		
				Total plas	ster work		925.00	Sqm	
11	Painting work								
11.1	Exterior paint							Sq.m	
	as per plaster work						925.00		
				Total exte	rnal paint		925.00	Sqm	
9	Enamel paint								
	Boundary wall metal	1.00	250.00	250.00		2.00	500.00		
	gate	1.00	10.00	10.00		3.50	35.00		
				Total ename	el paint wor	k	535.00	Sq.m	
9	Metal work								
	For boundary wall								
	16 mm rod square hoirizontal	5.00	250.00	1250.00		2.01	2512.50		
	16 mm rod square vertical	1250.00	1.85	2312.50		2.01	4648.13		
	32 mm vertical pipe	66.00	1.80	118.80		2.54	301.75	1	
	12 mm rod square butta	1320.00	0.60	792.00		1.13	894.96	1	
				Total me	etal work		8357.34	kg	
9	Main gate					1			
	gate	1.00	10.00	10.00		3.50	35.00	<u> </u>	
				Total me	ain gate		35.00	Sq.m	

Government of Nepal

Ghodaghodi Municipality

Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

2.11	5			Measure	ement		0 !!!		
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout		AREA	Are	ea				
	For structure	1.00	320.93	320.93			320.93		
			T	otal Site Clea	rance Work		320.93	Sq.m	
2	Earthwork in Excavation								
2.1	Earthwork in Excavation manually							Cu.m	
	Foundation for footing of column								
	F1(1525 X 1525)	6.00	1.83	10.98	1.83	1.73	34.76		
	F2 (1830 X 1830)	4.00	2.13	8.52	2.13	1.73	31.40		
	F3 (2135 X 2135)	4.00	2.44	9.76	2.14	1.73	36.13		
	F4(2440 X 2440)	4.00	2.74	10.96	2.44	1.73	46.26		
	For Foundation Beam								
	Along Grid 1-1	1.00	26.75	26.75	0.53	1.73	24.53		
	Along Grid 2-2	1.00	26.45	26.45	0.53	1.73	24.25		
	Along Grid 3-3	1.00	26.45	26.45	0.53	1.73	24.25		
	Along Grid A-A	1.00	7.71	7.71	0.53	1.73	7.07		
	Along Grid B-B	1.00	7.71	7.71	0.53	1.73	7.07		
	Along Grid C-C	1.00	7.71	7.71	0.53	1.73	7.07		
	Along Grid D-D	1.00	7.71	7.71	0.53	1.73	7.07		
	Along Grid E-E	1.00	7.71	7.71	0.53	1.73	7.07		
	Along Grid F-F	1.00	7.71	7.71	0.53	1.73	7.07		
	Entry porch staircase east and west	2.00	1.28	2.56	0.70	0.13	0.23		
	Entry porch staircase south	1.00	23.23	23.23	0.70	0.13	2.11		
	Wall post block	4.00	0.45	1.80	0.70	0.36	0.45		
	Ramp	1.00	6.50	6.50	1.60	0.13	1.35		
	apron	1.00	80.51	80.51	1.00	0.15	12.08		
	drain	1.00	88.51	88.51	0.69	0.55	33.59		
			Tof	al earthwork	in excavati	l on	313.81	Cu.m	
3	Earthback Filling								
	Filling Upto Ground Level								

C NI	De cario li co	Mari		Measure	ment		0	1124	Dl
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	As per Total excavation						313.81	Cu.m	
	Floor								
		1.00		256.72		0.22	56.48	Cu.m	
	Deduction for stone soling								
	portion Foundation								
	F1(1525 X 1525)	-6.00	1.68	-10.08	1.68	0.15	-2.54		
	F2 (1830 X 1830)	-4.00	1.98	-7.92	1.98	0.15	-2.35		
	F3 (2135 X 2135)	-4.00	2.29	-9.16	1.99	0.15	-2.73		
	F4(2440 X 2440)	-4.00	2.59	-10.36	2.29	0.15	-3.56		
	For Foundation Beam	4.00	2.07	10.50	2,27	0.10	0.00		
	Along Grid 1-1	-1.00	26.75	-26.75	0.38	0.15	-1.52		
	Along Grid 2-2	-1.00	26.45	-26.45	0.38	0.15	-1.51		
	Along Grid 3-3	-1.00	26.45	-26.45	0.38	0.15	-1.51		
	Along Grid A-A		7.71	-26.43 -7.71	0.38	0.15	-0.44		
		-1.00		-7.71 -7.71		0.15	-0.44		
	Along Grid B-B Along Grid C-C		7.71		0.38				
	Along Grid D-D	-1.00	7.71	-7.71	0.38	0.15	-0.44		
			7.71	-7.71	0.38	0.15	-0.44		
	Along Grid E-E	-1.00	7.71	-7.71	0.38	0.15	-0.44		
	Along Grid F-F	-1.00	7.71	-7.71	0.38	0.15	-0.44		
	Daduation for BCC nortion								
	Deduction for PCC portion Foundation								
	F1(1525 X 1525)	-6.00	1.68	-10.08	1.68	0.08	-1.35		
	F2 (1830 X 1830)	-4.00	1.98	-7.92	1.98	0.08	-1.25		
	F3 (2135 X 2135)	-4.00	2.29	-7.72 -9.16	1.99	0.08	-1.23		
	F4(2440 X 2440)	-4.00	2.59	-10.36	2.29	0.08	-1.46		
	For Foundation Beam	-4.00	2.37	-10.36	2.27	0.06	-1.70		
		1.00	0/75	0/ 75	0.30	0.00	0.01		
	Along Grid 1-1		26.75	-26.75	0.38	0.08	-0.81		
	Along Grid 2-2 Along Grid 3-3		26.45	-26.45	0.38	0.08	-0.80		
	Along Grid A-A	-1.00	26.45	-26.45 -7.71	0.38	0.08	-0.80		
	Along Grid B-B		7.71		0.38	0.08	-0.23		
	Along Grid C-C		7.71	-7.71	0.38	0.08	-0.23		
	Along Grid D-D	-1.00 -1.00	7.71	-7.71	0.38	0.08	-0.23		
	Along Grid E-E	-1.00	7.71 7.71	-7.71 -7.71	0.38	0.08	-0.23 -0.23		
	Along Grid F-F				0.38				
	Along Gild F-F	-1.00	7.71	-7.71	0.38	0.08	-0.23		
	Deduction for RCC portion								-
	-								-
	Foundation	4.00	1 50	0.10	1 50	0.35	4.00		
	F1 (1525 X 1525)	-6.00	1.53	-9.18	1.53	0.35	-4.92		-
	F2 (1830 X 1830)	-4.00	1.83	-7.32	1.83	0.41	-5.49		

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	F4(2440 X 2440)	-4.00	2.44	-9.76	2.14	0.41	-8.56		
	For Foundation Beam								
	Along Grid 1-1	-1.00	26.75	-26.75	0.23	0.30	-1.85		
	Along Grid 2-2	-1.00	26.45	-26.45	0.23	0.30	-1.83		
	Along Grid 3-3	-1.00	26.45	-26.45	0.23	0.30	-1.83		
	Along Grid A-A	-1.00	7.71	-7.71	0.23	0.30	-0.53		
	Along Grid B-B	-1.00	7.71	-7.71	0.23	0.30	-0.53		
	Along Grid C-C	-1.00	7.71	-7.71	0.23	0.30	-0.53		
	Along Grid D-D	-1.00	7.71	-7.71	0.23	0.30	-0.53		
	Along Grid E-E	-1.00	7.71	-7.71	0.23	0.30	-0.53		
	Along Grid F-F	-1.00	7.71	-7.71	0.23	0.30	-0.53		
	Column upto excavation level								
	C1 (350x350)	-6.00	0.35	-2.10	0.35	1.15	-0.85		
	C2 (410X410)	-8.00	0.41	-3.28	0.41	1.09	-1.47		
	C3 (410X410)	-2.00	0.41	-0.82	0.41	1.09	-0.37		
	C4 (410X410)	-1.00	0.41	-0.41	0.41	1.09	-0.18		
	C5 (410X410)	-1.00	0.41	-0.41	0.41	1.09	-0.18		
	, ,								
	Brick work upto excavation level								
	Along Grid 1-1	-1.00	26.75	-26.75	0.23	0.79	-4.86		
	Along Grid 2-2	-1.00	26.45	-26.45	0.23	0.79	-4.81		
	Along Grid 3-3	-1.00	26.45	-26.45	0.23	0.79	-4.81		
	Along Grid A-A	-1.00	7.71	-7.71	0.23	0.79	-1.40		
	Along Grid B-B	-1.00	7.71	-7.71	0.23	0.79	-1.40		
	Along Grid C-C	-1.00	7.71	-7.71	0.23	0.79	-1.40		
	Along Grid D-D	-1.00	7.71	-7.71	0.23	0.79	-1.40		
	Along Grid E-E	-1.00	7.71	-7.71	0.23	0.79	-1.40		
	Along Grid F-F	-1.00	7.71	-7.71	0.23	0.79	-1.40		
				Total Fillin	g Work		283.53	Cu.m	
4	Soling work								
4.1	Brick Soling								
	Floor	1.00		256.72			057.70		
	Floor	1.00		230.72			256.72		
	Entry porch staircase east and west	2.00	1.28	2.56	0.70		1.79		
	Entry porch staircase south	1.00	23.23	23.23	0.70		16.26		
	Wall post block	4.00	0.45	1.80	0.70		1.26		
	Ramp	1.00	6.50	6.50	1.60		10.40		

				Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
				Total brick s	oling work		286.43	Sq.m	
4.2	Stone Soling								
	For Footing of column								
	F1(1525 X 1525)	6.00	1.68	10.08	1.68	0.15	2.54		
	F2 (1830 X 1830)	4.00	1.98	7.92	1.98	0.15	2.35		
	F3 (2135 X 2135)	4.00	2.29	9.16	1.99	0.15	2.73		
	F4(2440 X 2440)	4.00	2.59	10.36	2.29	0.15	3.56		
	For Foundation Beam								
	Along Grid 1-1	1.00	26.75	26.75	0.38	0.15	1.52		
	Along Grid 2-2	1.00	26.45	26.45	0.38	0.15	1.51		
	Along Grid 3-3	1.00	26.45	26.45	0.38	0.15	1.51		
	Along Grid A-A	1.00	7.71	7.71	0.38	0.15	0.44		
	Along Grid B-B	1.00	7.71	7.71	0.38	0.15	0.44		
	Along Grid C-C	1.00	7.71	7.71	0.38	0.15	0.44		
	Along Grid D-D	1.00	7.71	7.71	0.38	0.15	0.44		
	Along Grid E-E	1.00	7.71	7.71	0.38	0.15	0.44		
	Along Grid F-F	1.00	7.71	7.71	0.38	0.15	0.44		
	apron	1.00	80.51	80.51	1.00	0.15	12.08		
	drain	1.00	88.51	88.51	0.69	0.15	9.16		
				Total boulder	soling work		39.60	Cu.m	
5	Sand Filling								
	Ground Floor								
	Floor	1.00		256.72		0.10	25.67		
				Total Sand F	illing Work		25.67	Cu.m	
6	500 MICRON POLYTHENE SHEET								
	Ground Floor	1.00		057.70			057.70		
	Floor	1.00	Takal	256.72	anna ahaad		256.72	S	
-	Batalana da		Iolai	micron polytl	iene sneer	WOIK	256.72	Sq.m	
7	Brickwork Brick Masonry Works in 1:6 C/S								
7.1	mortar							Cu.m	
	Upto Plinth Level								
	Along Grid 1-1	1.00	26.75	26.75	0.23	0.89	5.48		
	Along Grid 2-2	1.00	26.45	26.45	0.23	0.89	5.41		
	Along Grid 3-3	1.00	26.45	26.45	0.23	0.89	5.41		
	Along Grid A-A	1.00	7.71	7.71	0.23	0.89	1.58		
	Along Grid B-B	1.00	7.71	7.71	0.23	0.89	1.58		

				Measure	ement				I
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid C-C	1.00	7.71	7.71	0.23	0.89	1.58		
	Along Grid D-D	1.00	7.71	7.71	0.23	0.89	1.58		
	Along Grid E-E	1.00	7.71	7.71	0.23	0.89	1.58		
	Along Grid F-F	1.00	7.71	7.71	0.23	0.89	1.58		
	Entry porch staircase east and west								
	1st step	2.00	1.08	2.16	0.30	0.15	0.10		
	2nd step	2.00	1.08	2.16	0.30	0.30	0.19		
	Entry porch staircase south								
	1st step	1.00	23.03	23.03	0.30	0.15	1.04		
	2nd step	1.00	23.03	23.03	0.30	0.30	2.07		
	drain	2.00	88.51	177.02	0.23	0.30	12.21		
			To	tal 1:6 B/W up	oto plinth lev	/el	41.39	Cu.m	
7.2	Brick Masonry Works in 1:6 C/S mortar upto GF							Cu.m	
	Ground Floor								
	Along Grid 2-2	1.00	26.45	26.45	0.23	2.60	15.82		
	Along Grid 3-3	1.00	26.45	26.45	0.23	2.60	15.82		
	Along Grid A-A	1.00	5.59	5.59	0.23	2.60	3.34		
	Along Grid C-C	1.00	5.59	5.59	0.23	2.60	3.34		
	Along Grid D-D	1.00	5.59	5.59	0.23	2.60	3.34		
	Along Grid F-F	1.00	5.59	5.59	1.23	2.60	17.88		
	Deduction for openings								
	Window	10.00	1.00	01.70	0.00	1.00	F 0 /		
	W1(1800 X 1200) W2 (1100 X 1100)	-12.00 -2.00	1.80	-21.60 -2.20	0.23	1.20	-5.96 -0.56		
	,								
	W3 (1200 X 1100)	-1.00	1.20	-1.20	0.23	1.10	-0.30		
	Door								-
	D1(1100 X 2100)	-4.00	1.10	-4.40	0.23	2.10	-2.13		
	D1(1100 X 2100)	4.00	1.10	Total 1:4 B/\		2.10	50.59	Cu.m	1
				10.0.			30.57	00	1
7.3	Brick Masonry Works in 1:6 C/S mortar above GF							Cu.m	
7.3.1	First Floor								
	Along Grid 1-1	1.00	31.45	31.45	0.23	0.48	3.47		
	Along Grid 2-2	1.00	26.45	26.45	0.23	2.60	15.82		
	Along Grid 3-3	1.00	26.45	26.45	0.23	2.60	15.82		

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid A-A	1.00	5.59	5.59	0.23	2.60	3.34		
	Along Grid B-B	1.00	5.59	5.59	0.23	2.60	3.34		
	Along Grid C-C	1.00	5.59	5.59	0.23	2.60	3.34		
	Along Grid D-D	1.00	5.59	5.59	0.23	2.60	3.34		
	Along Grid E-E	1.00	5.59	5.59	0.23	2.60	3.34		
	Along Grid F-F	1.00	5.59	5.59	0.23	2.60	3.34		
	Deduction for openings								
	Window								
	W1(1800 X 1200)	-12.00	1.80	-21.60	0.23	1.20	-5.96		
	W2 (1100 X 1100)	-2.00	1.10	-2.20	0.23	1.10	-0.56		
	W3 (1200 X 1100)	-1.00	1.20	-1.20	0.23	1.10	-0.30		
	Door								
	D1(1100 X 2100)	-4.00	1.10	-4.40	0.23	2.10	-2.13		
				Total 1:4 B/V	V First floor		46.20	Cu.m	
7.3.2	Second Floor or Terrace								
	Along Grid 2-2	1.00	4.50	4.50	0.23	2.60	2.69		
	Along Grid 2-2	1.00	4.50	4.50	0.23	2.60	2.69		
	Along Grid C-C	1.00	5.59	5.59	0.23	2.60	3.34		
	Along Grid D-D	1.00	5.59	5.59	0.23	2.60	3.34		
	Parapet wall(9")	1.00	70.85	70.85	0.23	1.00	16.30		
	Deduction for openings								
	Window								
	W2 (1100 X 1100)	-2.00	1.10	-2.20	0.23	1.10	-0.56		
	Door								
	D1(1100 X 2100)	-1.00	1.10	-1.10	0.23	2.10	-0.53		
				Total 1:6 B/W	above GF		27.27	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
8.1.1	Foundation								
	For Footing of column								
	F1(1525 X 1525)	6.00	1.68	10.08	1.68	0.08	1.35		
	F2 (1830 X 1830)	4.00	1.98	7.92	1.98	0.08	1.25		
	F3 (2135 X 2135)	4.00	2.29	9.16	1.99	0.08	1.46		
	F4(2440 X 2440)	4.00	2.59	10.36	2.29	0.08	1.90		
	For Foundation Beam	1.0-	0:	C . =-		0.55			
	Along Grid 1-1	1.00	26.75	26.75	0.38	80.0	0.81		

• • •				Measure	ment		0		
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid 2-2	1.00	26.45	26.45	0.38	0.08	0.80		
	Along Grid 3-3	1.00	26.45	26.45	0.38	0.08	0.80		
	Along Grid A-A	1.00	7.71	7.71	0.38	0.08	0.23		
	Along Grid B-B	1.00	7.71	7.71	0.38	0.08	0.23		
	Along Grid C-C	1.00	7.71	7.71	0.38	0.08	0.23		
	Along Grid D-D	1.00	7.71	7.71	0.38	0.08	0.23		
	Along Grid E-E	1.00	7.71	7.71	0.38	0.08	0.23		
	Along Grid F-F	1.00	7.71	7.71	0.38	0.08	0.23		
	Entry porch staircase east and west	2.00	1.28	2.56	0.70	0.08	0.14		
	Entry porch staircase south	1.00	23.23	23.23	0.70	0.08	1.30		
				Total M10 (1	:3:6) PCC		11.19	Cu.m	
8.2	M15 (1:2:4)								
	Ground Floor								
	Floor	1.00		256.72		0.08	20.54		
				Total M15 (1	:2:4) PCC		20.54	Cu.m	
8.3	M20 (1:1.5:3)								
8.3.1	For Column footing								
	F1(1525 X 1525)	6.00	1.53	9.18	1.53	0.35	4.92		
	F2 (1830 X 1830)	4.00	1.83	7.32	1.83	0.41	5.49		
	F3 (2135 X 2135)	4.00	2.14	8.56	1.84	0.41	6.46		
	F4(2440 X 2440)	4.00	2.44	9.76	2.14	0.41	8.56		
				Total RCC fo	or footing		25.43	Cu.m	
8.3.2	Column								
	For Column upto Top Tie Beam								
	C1(350x350)	6.00	0.35	2.10	0.35	1.50	1.10		
	C2 (410X410)	8.00	0.41	3.28	0.41	1.44	1.94		
	C3 (410X410)	2.00	0.41	0.82	0.41	1.44	0.48		
	C4 (410X410)	1.00	0.41	0.41	0.41	1.44	0.24		
	C5 (410X410)	1.00	0.41	0.41	0.41	1.44	0.24		
	For Column above plinth (up to roof)								
	C1(350x350)	6.00	0.35	2.10	0.35	6	4.41		
	C2 (410X410)	8.00	0.41	3.28	0.41	6	8.07		
	C3 (410X410)	2.00	0.41	0.82	0.41	9	3.03		
	C4 (410X410)	1.00	0.41	0.41	0.41	9	1.51		
	C5 (410X410)	1.00	0.41	0.41	0.41	9	1.51		

C NI	Decembration	Nac		Measure	ement		O	11	Do no onde
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
8.3.3.	Beam								
8.3.3.1	For Foundation Beam								
	Along Grid 1-1	1.00	26.75	26.75	0.23	0.30	1.85		
	Along Grid 2-2	1.00	26.45	26.45	0.23	0.30	1.83		
	Along Grid 3-3	1.00	26.45	26.45	0.23	0.30	1.83		
	Along Grid A-A	1.00	7.71	7.71	0.23	0.30	0.53		
	Along Grid B-B	1.00	7.71	7.71	0.23	0.30	0.53		
	Along Grid C-C	1.00	7.71	7.71	0.23	0.30	0.53		
	Along Grid D-D	1.00	7.71	7.71	0.23	0.30	0.53		
	Along Grid E-E	1.00	7.71	7.71	0.23	0.30	0.53		
	Along Grid F-F	1.00	7.71	7.71	0.23	0.30	0.53		
							8.69	Cu.m	
									-
8.3.3.2	For Top Tie Beam Along Grid 1-1	1.00	26.75	26.75	0.23	0.35	2.15		
	Along Grid 2-2	1.00	26.45	26.45	0.23	0.35	2.13		
	Along Grid 3-3	1.00	26.45	26.45	0.23	0.35	2.13		
	Along Grid A-A	1.00	7.71	7.71	0.23	0.35	0.62		
	Along Grid B-B	1.00	7.71	7.71	0.23	0.35	0.62		
	Along Grid C-C	1.00	7.71	7.71	0.23	0.35	0.62		-
	Along Grid D-D	1.00	7.71	7.71	0.23	0.35	0.62		-
	Along Grid E-E	1.00	7.71	7.71	0.23	0.35	0.62		
	Along Grid F-F	1.00	7.71	7.71	0.23	0.35	0.62		
	Between C-D	1.00	4.50	4.50	0.23	0.30	0.82		-
	between C-D	1.00	4.50	4.50	0.23	0.30	10.44	Cu.m	
8.3.3.3	For first floor beam						10.44	Co.iii	
0.0.0.0	Along Grid 1-1	1.00	26.75	26.75	0.30	0.40	3.21		
	Along Grid 2-2	1.00	26.45	26.45	0.30	0.40	3.17		
	Along Grid 3-3	1.00	26.45	26.45	0.30	0.40	3.17		
	Along Grid A-A	1.00	7.71	7.71	0.30	0.40	0.93		
	Along Grid B-B	1.00	7.71	7.71	0.30	0.40	0.73		
	Along Grid C-C	1.00	7.71	7.71	0.30	0.40	0.73		
	Along Grid D-D	1.00	7.71	7.71	0.30	0.40	0.73		
	Along Grid E-E	1.00	7.71	7.71	0.30	0.40	0.73		
	Along Grid F-F	1.00	7.71	7.71	0.30	0.40	0.73		
	Secondary beam along Y	4.00	6.50	26.00	0.30	0.30	1.79		
	Secondary beam along X	1.00	28.50	28.50	0.23	0.30	1.79		
	Secondary beam diolig X	1.00	20.50	20.50	0.23	0.50	18.89	Cu.m	<u> </u>
							10.07	50.111	
8.3.3.4	For second floor beam								
	Along Grid 1-1	1.00	29.00	29.00	0.30	0.40	3.48		
	Along Grid 2-2	1.00	28.70	28.70	0.30	0.40	3.44		

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid 3-3	1.00	28.70	28.70	0.30	0.40	3.44		
	Along Grid A-A	1.00	9.94	9.94	0.30	0.40	1.19		
	Along Grid B-B	1.00	9.94	9.94	0.30	0.40	1.19		
	Along Grid C-C	1.00	9.94	9.94	0.30	0.40	1.19		
	Along Grid D-D	1.00	9.94	9.94	0.30	0.40	1.19		
	Along Grid E-E	1.00	9.94	9.94	0.30	0.40	1.19		
	Along Grid F-F	1.00	9.94	9.94	0.30	0.40	1.19		
	Secondary beam along Y	4.00	6.50	26.00	0.23	0.30	1.79		
	Secondary beam along X	1.00	28.50	28.50	0.23	0.30	1.97		
						<u> </u>	21.26	Cu.m	
	For Roof floor beam								
	Along Grid 2-2	1.00	4.50	4.50	0.23	0.40	0.41		
	Along Grid 3-3	1.00	4.50	4.50	0.23	0.40	0.41		
	Along Grid C-C	1.00	6.00	6.00	0.23	0.40	0.55		
	Along Grid D-D	1.00	6.00	6.00	0.23	0.40	0.55		
							1.92		
				Total RCC f	or beam		61.20	Cu.m	
0.0.4									
8.3.4	Slab	1.00		227.02		0.12	20.00		
	First Floor	1.00		236.92 309.99		0.13	30.80		
	Second Floor Roof	1.00		51.43		0.13	40.30 6.69		
	KOOI	1.00		Total RCC	for slah	0.13	77.79	Cu.m	
				TOTAL ROO	ioi sidb		77.77	CO.III	
8.3.5	Staircase								
	GF-2F	2.000							
	First flight	1.00	3.23	3.23	2.00	0.18	1.16		
	First Landing	1.00	4.15	4.15	2.00	0.18	1.49		
	Second flight	1.00	3.23	3.23	2.00	0.18	1.16		
	steps	18.00	2.00	36.00	0.30	0.08	0.86		
				Total RCC fo	r staircase		9.34	Cu.m	
8.3.7	Sill band								
8.3.7.1	Ground Floor								
	Along Grid 2-2	1.00	26.45	26.45	0.23	0.08	0.49		
	Along Grid 3-3	1.00	26.45	26.45	0.23	0.08	0.49		
	Along Grid A-A	1.00	5.59	5.59	0.23	0.08	0.10		
	Along Grid C-C	1.00	5.59	5.59	0.23	0.08	0.10		
	Along Grid D-D	1.00	5.59	5.59	0.23	0.08	0.10		<u> </u>
	Along Grid F-F	1.00	5.59	5.59	1.23	0.08	0.55		
	Deduction for openings								
	Door								

C A1	Description	Nes		Measure	ement		Ouestil	11-21	Dome and
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	D1(1100 X 2100)	-4.00	1.10	-4.40	0.23	0.08	-0.08		
							1.75	Cu.m	
8.3.7.2	First Floor								
	Along Grid 1-1	1.00	31.45	31.45	0.23	0.08	0.58		
	Along Grid 2-2	1.00	26.45	26.45	0.23	80.0	0.49		
	Along Grid 3-3	1.00	26.45	26.45	0.23	0.08	0.49		
	Along Grid A-A		5.59	5.59	0.23	0.08	0.10		
	Along Grid B-B		5.59	5.59	0.23	0.08	0.10		
	Along Grid C-C		5.59	5.59	0.23	0.08	0.10		
	Along Grid D-D		5.59	5.59	0.23	0.08	0.10		
	Along Grid E-E		5.59	5.59	0.23	0.08	0.10		
	Along Grid F-F	1.00	5.59	5.59	0.23	0.08	0.10		
	Deduction for openings								
	Door		1 10		0.02				
	D1(1100 X 2100)	-4.00	1.10	-4.40	0.23	80.0	-0.08	_	
0074							2.08	Cu.m	
8.3./.4	Second Floor or Terrace Along Grid 2-2	1.00	4.50	4.50	0.00	0.00	0.00		
	Along Grid 2-2 Along Grid 2-2	1.00	4.50	4.50	0.23	0.08	0.08		
	Along Grid C-C	1.00	4.50	4.50	0.23	0.08	0.08		
	Along Grid D-D		5.59	5.59	0.23	0.08	0.10		
	Parapet wall(9")		5.59	5.59	0.23	0.08	0.10		
	r druper wull(7)	1.00	70.85	70.85	0.23	0.08	1.30	C	
							1.66	Cu.m	
	Deduction for openings								
	D1(1100 X 2100)		1.10	-1.10	0.23	0.08	-0.02		
	51(1100 X 2100)	-1.00	1.10	-1.10	0.23	0.06	-0.02		
				Total RCC fo	r Sill band		5.47	Cu.m	
8.3.8	Lintel band						0.47	00.111	
8.3.8.1	Ground Floor								
5.0.0.1	Along Grid 2-2	1	26.45	26.45	0.23	0.13	0.79		
	-								
	Along Grid 3-3		26.45	26.45	0.23	0.13	0.79		
	Along Grid A-A	-	5.59	5.59	0.23	0.13	0.17		
	Along Grid C-C	1	5.59	5.59	0.23	0.13	0.17		
	Along Grid D-D	1	5.59	5.59	0.23	0.13	0.17		
	Along Grid F-F	1	5.59	5.59	1.23	0.13	0.89		
							2.98	Cu.m	
8.3.8.2	First Floor								
	Along Grid 2-2	1.00	26.45	26.45	0.23	0.13	0.79		

				Measure	ement		0 1"		
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid 3-3	1.00	26.45	26.45	0.23	0.13	0.79		
	Along Grid A-A	1.00	5.59	5.59	0.23	0.13	0.17		
	Along Grid B-B	1.00	5.59	5.59	0.23	0.13	0.17		
	Along Grid C-C	1.00	5.59	5.59	0.23	0.13	0.17		
	Along Grid D-D	1.00	5.59	5.59	0.23	0.13	0.17		
	Along Grid E-E	1.00	5.59	5.59	0.23	0.13	0.17		
	Along Grid F-F	1.00	5.59	5.59	0.23	0.13	0.17		
							2.60	Cu.m	
8.3.8.3	Second Floor or Terrace								
	Along Grid 2-2	1.00	4.50	4.50	0.23	0.13	0.13		
	Along Grid 2-2	1.00	4.50	4.50	0.23	0.13	0.13		
	Along Grid C-C	1.00	5.59	5.59	0.23	0.13	0.17		
	Along Grid D-D	1.00	5.59	5.59	0.23	0.13	0.17		
							0.60	Cu.m	
				Total RCC for	6.18	Cu.m			
				TOTAL RCC TOT	Limer bana		0.10	CO.III	
				Total RC	C work		207.94	Cu.m	
9	FORMWORKS								
9.1	For Column								
	For Column upto Top Tie Beam								
	C1(350x350)	6.00	1.40	8.40		1.50	12.60		
	C2 (410X410)	8.00	1.64	13.12		1.44	18.89		
	C3 (410X410)	2.00	1.64	3.28		1.44	4.72		
	C4 (410X410)	1.00	1.64	1.64		1.44	2.36		
	C5 (410X410)	1.00	1.64	1.64		1.44	2.36		
	For Column above plinth (up to roof)								
	C1(350x350)	6.00	1.40	8.40		6.00	50.40		
	C2 (410X410)	8.00	1.64	13.12		6.00	78.72		
	C3 (410X410)	2.00	1.64	3.28		9.00	29.52		
	C4 (410X410)	1.00	1.64	1.64		9.00	14.76		
	C5 (410X410)	1.00	1.64	1.64		9.00	14.76		
							_	<u> </u>	
0.0	For Doors		T	otal formworl	c tor column) 	229.09	\$q.m	
9.2	For Beam								
	For Foundation Beam	1.00	0/75	0/ 75		0.70	1/05		
	Along Grid 1-1	1.00	26.75	26.75		0.60	16.05		
	Along Grid 2-2 Along Grid 3-3	1.00	26.45 26.45	26.45 26.45		0.60	15.87 15.87		-

C NI	Dan dallan	N	Measurement				Quantity	Unit	Remarks
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	kemarks
	Along Grid A-A	1.00	7.71	7.71		0.60	4.63		
	Along Grid B-B	1.00	7.71	7.71		0.60	4.63		
	Along Grid C-C	1.00	7.71	7.71		0.60	4.63		
	Along Grid D-D	1.00	7.71	7.71		0.60	4.63		
	Along Grid E-E	1.00	7.71	7.71		0.60	4.63		
	Along Grid F-F	1.00	7.71	7.71		0.60	4.63		
							75.57	Sq.m	
	For Top Tie Beam								
	Along Grid 1-1	1.00	26.75	26.75		0.70	18.73		
	Along Grid 2-2	1.00	26.45	26.45		0.70	18.52		
	Along Grid 3-3	1.00	26.45	26.45		0.70	18.52		
	Along Grid A-A	1.00	7.71	7.71		0.70	5.40		
	Along Grid B-B	1.00	7.71	7.71		0.70	5.40		
	Along Grid C-C	1.00	7.71	7.71		0.70	5.40		
	Along Grid D-D	1.00	7.71	7.71		0.70	5.40		
	Along Grid E-E	1.00	7.71	7.71		0.70	5.40		
	Along Grid F-F	1.00	7.71	7.71		0.70	5.40		
	Between C-D	1.00	4.50	4.50		0.60	2.70		
							90.87	Sq.m	
	For first floor beam								
	Along Grid 1-1	1.00	26.75	26.75		0.84	22.47		
	Along Grid 2-2	1.00	26.45	26.45		0.84	22.22		
	Along Grid 3-3	1.00	26.45	26.45		0.84	22.22		
	Along Grid A-A	1.00	7.71	7.71		0.84	6.48		
	Along Grid B-B	1.00	7.71	7.71		0.84	6.48		
	Along Grid C-C	1.00	7.71	7.71		0.84	6.48		
	Along Grid D-D	1.00	7.71	7.71		0.84	6.48		
	Along Grid E-E	1.00	7.71	7.71		0.84	6.48		
	Along Grid F-F	1.00	7.71	7.71		0.84	6.48		
	Secondary beam along Y	4.00	6.50	26.00		0.57	14.82		
	Secondary beam along X	1.00	28.50	28.50		0.57	16.25		
							136.86	Sq.m	
	For second floor beam								
	Along Grid 1-1	1.00	29.00	29.00		0.84	24.36		
	Along Grid 2-2	1.00	28.70	28.70		0.84	24.11		
	Along Grid 3-3	1.00	28.70	28.70		0.84	24.11		
	Along Grid A-A	1.00	9.94	9.94		0.84	8.35		
	Along Grid B-B	1.00	9.94	9.94		0.84	8.35		
	Along Grid C-C	1.00	9.94	9.94	·	0.84	8.35		

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid D-D	1.00	9.94	9.94		0.84	8.35		
	Along Grid E-E	1.00	9.94	9.94		0.84	8.35		
	Along Grid F-F	1.00	9.94	9.94		0.84	8.35		
	Secondary beam along Y	4.00	6.50	26.00		0.57	14.82		
	Secondary beam along X	1.00	28.50	28.50		0.57	16.25		
							153.75	Sq.m	
	For Roof floor beam								
	Along Grid 2-2	1.00	4.50	4.50		0.77	3.47		
	Along Grid 3-3	1.00	4.50	4.50		0.77	3.47		
	Along Grid C-C	1.00	6.00	6.00		0.77	4.62		
	Along Grid D-D	1.00	6.00	6.00		0.77	4.62		
							16.18		
				Total foRmwo	rk for beam		473.23	Sq.m	
9.3	For Footing,slab,staircase,sill,lintel								
9.3.1.	etc For Footing								
7.0.11	Sides For PCC Column footing								
	F1(1525 X 1525)	6.00	6.72	40.32		0.08	3.23		
	F2 (1830 X 1830)	4.00	7.92	31.68		0.08	2.53		
	F3 (2135 X 2135)	4.00	8.56	34.24		0.08	2.74		
	F4(2440 X 2440)	4.00	9.76	39.04		0.08	3.12		
	Sides For RCC Column footing								
	F1(1525 X 1525)	6.00	6.12	36.72		0.35	12.85		
	F2 (1830 X 1830)	4.00	7.32	29.28		0.41	12.00		
	F3 (2135 X 2135)	4.00	7.96	31.84		0.41	13.05		
	F4(2440 X 2440)	4.00	9.16	36.64		0.41	15.02		
	Sides for PCC work below		1	otal foRmwor	k for footing	1	64.54	\$q.m	
	foundation beam Along Grid 1-1	1.00	26.75	26.75		0.16	4.28		
	Along Grid 2-2	1.00	26.45	26.45		0.16	4.23		
	Along Grid 3-3	1.00	26.45	26.45		0.16	4.23		1
	Along Grid A-A	1.00	7.71	7.71		0.16	1.23		
	Along Grid B-B	1.00	7.71	7.71		0.16	1.23		
	Along Grid C-C	1.00	7.71	7.71		0.16	1.23		
	Along Grid D-D	1.00	7.71	7.71		0.16	1.23		
	Along Grid E-E	1.00	7.71	7.71		0.16	1.23		
	Along Grid F-F	1.00	7.71	7.71		0.16	1.23		
	Entry porch staircase east and west	2.00	1.28	2.56		0.16	0.41		

C NI	Description			Measure	0	1121	Dl		
S.N		Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remark
	Entry porch staircase south	1.00	23.23	23.23		0.16	3.72		
		Tota	l foRmwork	for PCC belov	v foundatio	n beam	24.25	Sq.m	
9.3.4	Slab								
	First Floor	1.00		284.30			284.30		
	Second Floor	1.00		371.99			371.99		
	Roof	1.00		61.72			61.72		
				Total foRmw	ork for slab		718.01	Sq.m	
9.3.5	Staircase								
	GF-2F	2.00							
	First flight	1.00	3.23	3.23	2.36		7.62		
	First Landing	1.00	4.15	4.15	2.36		9.79		
	Second flight	1.00	3.23	3.23	2.36		7.62		
	Steps riser face	20.00	2.00	40.00	0.15		6.00		
	Steps triangular face side	40.00	0.30	12.00	0.08		0.96		
			To	otal foRmowrk	for staircas	е	63.98	Sq.m	
9.3.7	Sill band								
	Ground Floor								
	Along Grid 2-2	1.00	26.45	26.45		0.16	4.23		
	Along Grid 3-3	1.00	26.45	26.45		0.16	4.23		
	Along Grid A-A	1.00	5.59	5.59		0.16	0.89		
	Along Grid C-C	1.00	5.59	5.59		0.16	0.89		
	Along Grid D-D	1.00	5.59	5.59		0.16	0.89		
	Along Grid F-F	1.00	5.59	5.59		0.16	0.89		
	Deduction for openings								
	Door								
	D1(1100 X 2100)	-4.00	1.10	-4.40		0.16	-0.70		
							11.32	Sq.m	
	First Floor								
	Along Grid 1-1	1.00	31.45	31.45		0.16	5.03		
	Along Grid 2-2	1.00	26.45	26.45		0.16	4.23		
	Along Grid 3-3	1.00	26.45	26.45		0.16	4.23		
	Along Grid A-A	1.00	5.59	5.59		0.16	0.89		
	Along Grid B-B	1.00	5.59	5.59		0.16	0.89		
	Along Grid C-C	1.00	5.59	5.59		0.16	0.89		
	Along Grid D-D	1.00	5.59	5.59		0.16	0.89		
	Along Grid E-E	1.00	5.59	5.59		0.16	0.89		
	Along Grid F-F	1.00	5.59	5.59		0.16	0.89		

	Description			Measure			Do no surle		
S.N		Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Deduction for openings								
	Door								
	D1(1100 X 2100)	-4.00	1.10	-4.40		0.16	-0.70		
							18.13	Sq.m	
	Second Floor or Terrace								
	Along Grid 2-2	1.00	4.50	4.50		0.16	0.72		
	Along Grid 2-2	1.00	4.50	4.50		0.16	0.72		
	Along Grid C-C	1.00	5.59	5.59		0.16	0.89		
	Along Grid D-D	1.00	5.59	5.59		0.16	0.89		
	Parapet wall(9")	1.00	70.85	70.85		0.16	11.34		
							14.56	Sq.m	
	Deduction for openings								
	D1(1100 X 2100)	-1.00	1.10	-1.10		0.16	-0.18		
			То	tal foRmwork	for Sill ban	d	43.83	Sq.m	
9.3.8	Lintel band								
	Ground Floor								
	Along Grid 2-2	1.00	26.45	26.45		0.26	6.88		
	Along Grid 3-3	1.00	26.45	26.45		0.26	6.88		
	Along Grid A-A	1.00	5.59	5.59		0.26	1.45		
	Along Grid C-C	1.00	5.59	5.59		0.26	1.45		
	Along Grid D-D	1.00	5.59	5.59		0.26	1.45		
	Along Grid F-F	1.00	5.59	5.59		0.26	1.45		
							19.56	Sq.m	
	First Floor								
	Along Grid 2-2	1.00	26.45	26.45		0.26	6.88		
	Along Grid 3-3	1.00	26.45	26.45		0.26	6.88		
	Along Grid A-A	1.00	5.59	5.59		0.26	1.45		
	Along Grid G G	1.00	5.59	5.59		0.26	1.45		
	Along Grid C-C	1.00	5.59	5.59		0.26	1.45		
	Along Grid D-D	1.00	5.59	5.59		0.26	1.45		
	Along Grid E-E	1.00	5.59	5.59		0.26	1.45	C	
	Along Grid F-F	1.00	5.59	5.59		0.26	21.01	\$q.m	
								-	
	Second Floor or Terrace							1	
	Along Grid 2-2	1.00	4.50	4.50		0.26	1.17	1	
	Aiorig Gila 2-2	1.00	4.3∪	4.50		0.20	1.17		

				Measure					
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid C-C	1.00	5.59	5.59		0.26	1.45		
	Along Grid D-D	1.00	5.59	5.59		0.26	1.45		
							5.24		
			To	al formwork	for Lintel ba	nd	45.81	Sq.m	
			otal foRmw	ork for footing	g, slab,stairc	ase,sill,linte	960.42	Sq.m	
				Total foR	mwork	1	1662.74	Sq.m	
10	REINFORCEMENT							Kg	
10	(Sill+Lintel)Reinforcement(1%)	1.00		11.6	<u> </u>		914.53	ĸg	
	Footing Reinforcement(1%)	1.00		25.4			1996.26		
	Slab Staircase								
	Reinforcement(1%)	1.00		87.			6839.71		
	Beam Reinforcement(2%)	2.00		61.2			9608.40		
	Column Reinforcement(2.5%)	2.50		22.			4421.51		
				Total reinforc	ement work I	I	23780.41	Kg	
11	Flooring & Finishing Work								
11.1	38mm thick P.C.C. in (1:2:4) with cement punning (1:1) for flooring work.							\$q.m	
	Ground Floor	1.00		256.72			256.72		
	First Floor	1.00		236.92			236.92		
	Porch Entry porch staircase east and west	2.00							
	Riser	3.00	1.08	3.24		0.15	0.49		
	Tread	2.00	1.08	2.16		0.30	0.65		
	Entry porch staircase south	1.00							
	Riser	3.00	23.03	69.09		0.15	10.36		
	Tread	2.00	23.03	46.06		0.30	13.82		
							25.32		
			Total	38mm PCC w	rith punning I	work	518.96	\$q.m	
11.2	50mm thick P.C.C. in (1:2:4) with cement punning (1:1) for flooring work.							\$q.m	
	Terrace	1.00		309.99			309.99		
	Roof	1.00		51.43			51.43		
			Total	50mm PCC w	rith punning	work	361.42	Sq.m	
45 =									
11.5	16mm thick granite work		<u> </u>					Sq.m	

	Description								
S.N		Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
11.5.1	Staircase number	2.00							
	GF-2F								
	Riser	20.00	2.00	40.00		0.15	6.00		
	tread	18.00	2.00	36.00		0.30	10.80		
	First Landing	1.00	4.15	4.15	2.00		8.30		
	Skirting								
	First Landing	1.00	12.30	12.30		0.13	1.60		
	flight	2.00	3.23	6.46		0.13	0.84		
							55.08		
11.5.3	Porch					-			+
	Entry porch staircase east and west	2.00							
	Riser	3.00	1.08	3.24		0.15	0.49		-
	Tread	2.00	1.08	2.16		0.30	0.65		-
						-			
	Entry porch staircase south	1.00				-			
	Riser	3.00	23.03	69.09		0.15	10.36		
	Tread	2.00	23.03	46.06		0.30	13.82		
11.5.4	Door sill			As per width					
	Ground floor	1.00	4.40				1.32		
	First floor	1.00		4.40		0.30	1.32		
	Second Floor or Terrace	1.00		1.10	0.30	0.33			
11.5.5	Window sill								
	Ground floor	1.00		25.00		0.30	7.50		
	First floor	1.00		25.00		0.30	7.50		
	Second Floor or Terrace	1.00		2.20		0.30	0.66		
11.5.6	Parapet wall								
	Terrace								<u> </u>
	Parapet wall(9")	1.00	70.85	70.85		0.30	21.26		-
				Total gran	ite work		120.29	\$q.m	
	w., e								
11.6	Waterproofing	1.00		271.00			271.00		+
	Terrace	1.00		371.99			371.99		+
11.6.4	Roof	1.00		61.72	- afin a		61.72	C 4	
	PLASTERING & PUNNING			Total waterpro	poting work		433.71	\$q.m	
12	WORKS								
12.1	12.5mm thick cement plaster								
	in (1:3) in ceiling etc Ground floor	1.00		236.92			236.92		1
	First Floor	1.00		309.99			309.99		+

				Measure	ement				Down '
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Second Floor	1.00		51.43			51.43		
			Total	12.5 mm th. I	Plaster in ce	iling	598.34	Sq.m	
12.2	12.5mm thick cement plaster							Sq.m	
	in (1:4) in Internal Wall etc								
12.2.1	Ground Floor								
	Along Grid 2-2	2.00	28.91	57.82		3.00	173.46		
	Along Grid 3-3	1.00	28.91	28.91		3.00	86.73		
	Along Grid A-A	2.00	6.41	12.82		3.00	38.46		
	Along Grid C-C	1.00	6.41	6.41		3.00	19.23		
	Along Grid D-D	1.00	6.41	6.41		3.00	19.23		
	Along Grid F-F	2.00	6.41	12.82		3.00	38.46		
	Kopla for opening								
	Window								
	W1(1800 X 1200)	12.00	6.00	72.00	0.23		16.56		
	W2 (1100 X 1100)	2.00	4.40	8.80	0.23		2.02		
	W3 (1200 X 1100)	1.00	4.60	4.60	0.23		1.06		
	Door								
	D1(1100 X 2100)	4.00	6.40	25.60	0.23		5.89		
	Deduction for openings								
	Window								
	W1(1800 X 1200)	-12.00	1.80	-21.60		1.20	-25.92		
	W2 (1100 X 1100)	-2.00	1.10	-2.20		1.10	-2.42		
	W3 (1200 X 1100)	-1.00	1.20	-1.20		1.10	-1.32		
	Door								
	D1(1100 X 2100)	-4.00	1.10	-4.40		2.10	-9.24		
							362.20	Sq.m	
12.2.2	First Floor								
	Along Grid 1-1	1.00	31.45	31.45		0.88	27.68		
	Along Grid 2-2	2.00	28.91	57.82		3.00	173.46		
	Along Grid 3-3	1.00	28.91	28.91		3.00	86.73		
	Along Grid A-A	1.00	6.41	6.41		3.00	19.23		
	Along Grid B-B	2.00	6.41	12.82		3.00	38.46		
	Along Grid C-C	2.00	6.41	12.82		3.00	38.46		
	Along Grid D-D	2.00	6.41	12.82		3.00	38.46		
	Along Grid E-E	2.00	6.41	12.82		3.00	38.46		
	Along Grid F-F	1.00	6.41	6.41		3.00	19.23		
	kopla for opening								
	kopia ioi opening								

S.N				Measure	. "		Do mo aveles		
	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Window								
	W1(1800 X 1200)	12.00	6.00	72.00	0.23		16.56		
	W2 (1100 X 1100)	2.00	4.40	8.80	0.23		2.02		
	W3 (1200 X 1100)	1.00	4.60	4.60	0.23		1.06		
	Door								
	D1(1100 X 2100)	4.00	6.40	25.60	0.23		5.89		
	Deduction for openings								
	Window								
	W1(1800 X 1200)	-12.00	1.80	-21.60		1.20	-25.92		
	W2 (1100 X 1100)	-2.00	1.10	-2.20		1.10	-2.42		
	W3 (1200 X 1100)	-1.00	1.20	-1.20		1.10	-1.32		
	Door								
	D1(1100 X 2100)	-4.00	1.10	-4.40		2.10	-9.24		
							466.80	Sq.m	
	Second Floor or Terrace								
	Along Grid 2-2	1.00	4.91	4.91		3.00	14.73		
	Along Grid 2-2	1.00	4.91	4.91		3.00	14.73		
	Along Grid C-C	1.00	6.00	6.00		3.00	18.00		
	Along Grid D-D	1.00	6.00	6.00		3.00	18.00		
	kopla for opening								
	Window								
	W2 (1100 X 1100)	2.00	4.40	8.80	0.23		2.02		
	Door								
	D1(1100 X 2100)	1.00	6.40	6.40	0.23		1.47		
	Deduction for openings								
	Window								
	W2 (1100 X 1100)	-2.00	1.10	-2.20		1.10	-2.42		
	Door								1
	D1(1100 X 2100)	-1.00	1.10	-1.10		2.10	-2.31		
							64.22	Sq.m	_
									<u> </u>
			1	otal 1:4 inner	wall plaster	r 	893.22	Sq.m	
12.3	12.5 mm thick cement plaster in (1:4) in External Wall etc							Sq.m	
	Upto Plinth Level								+
	Around Building	1.00	80.51	80.51		0.45	36.23		+

				Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
						`	36.23	Sq.m	
	Ground Floor								
	External wall	1.00	42.10	42.10		3.00	126.30	Sq.m	
	Deduction for openings								
	Window								
	W1(1800 X 1200)	-12.00	1.80	-21.60		1.20	-25.92		
	W2 (1100 X 1100)	-2.00	1.10	-2.20		1.10	-2.42		
	W3 (1200 X 1100)	-1.00	1.20	-1.20		1.10	-1.32		
	Door								
	D1(1100 X 2100)	-4.00	1.10	-4.40		2.10	-9.24		
							87.40	Sq.m	
	First Floor								
	External wall	1.00	66.14	66.14		3.00	198.42		
	Balcony wall	1.00	31.45	31.45		0.88	27.68		
	Deduction for openings								
	Window								
	W1(1800 X 1200)	-12.00	1.80	-21.60		1.20	-25.92		
	W2 (1100 X 1100)	-2.00	1.10	-2.20		1.10	-2.42		
	W3 (1200 X 1100)	-1.00	1.20	-1.20		1.10	-1.32		
							0.00		
	Door								
	D1(1100 X 2100)	-4.00	1.10	-4.40		2.10	-9.24		
							187.20	Sq.m	
	Second Floor or Terrace								
	Along Grid 2-2	1.00	4.91	4.91		3.00	14.73		
	Along Grid 2-2	1.00	4.91	4.91		3.00	14.73		
	Along Grid C-C	1.00	6.00	6.00		3.00	18.00		
	Along Grid D-D	1.00	6.00	6.00		3.00	18.00		
	Parapet wall(9")	2.00	70.85	141.70		1.00	141.70		
							141.70	Sq.m	
				Total 1:4 exte	rnal plaster		452.53	Sq.m	
				T					
12.4	3/4" Panipatti								
	Around the building								
	First floor	1.00	75.58	75.58			75.58		
	Second floor	1.00	82.95	82.95			82.95		
	Roof floor	1.00	28.82	28.82			28.82	_	
				Total 3/4" I	ranıpatti		187.35	R.m	
10	D								-
13	Doors and Windows								

				Measure	ement				Τ
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
13.1	Door and window Frame							Sq.m	
	Salwood frame of size								
	75*100mm								
	Ground Floor								
	Door	4.00	F 20	21.20	0.00	0.10	0.17		
	D1(1100 X 2100)	4.00	5.30	21.20	0.08	0.10	0.17		
	Flori Florin						0.17		
	First Floor	4.00	F 20	01.00	0.00	0.10	0.17		
	D1(1100 X 2100)	4.00	5.30	21.20	0.08	0.10	0.17		
	C						0.17		
	Second floor	1.00	5.00	5.00	0.00	0.10	0.04		
	D1(1100 X 2100)	1.00	5.30	5.30	0.08	0.10	0.04		
			_				0.04		
				otal salwood	trame work		0.38	Cu.m	
13.2	Solid core flush door shutter Providing and fixing of 38mm thick solid core flush door shutter with teak finish and with wooden beats on edge 3 nos of 10cm hinge , 2 nos of 15cm long approved quality tower bolts , 1 no of 150mm latch, 2 nos of good quality handles and 1 no of good quality of mortse lock Ground Floor Door D1(1100 X 2100) First Floor	4.00	1.10	4.40		2.10	9.24 9.24 9.24 9.24		
	Second floor	1.00	1.10	1.10		2.10	2.31		
	D1(1100 X 2100)	1.00	1.10	1.10		2.10	2.31		
				Total door sh	nutter work		20.79	Sq.m	
13.3	Aluminium window								
	Ground Floor								
	Window								
	W1(1800 X 1200)	12.00	1.80	21.60		1.20	25.92		
	W2 (1100 X 1100)	2.00	1.10	2.20		1.10	2.42		
	W3 (1200 X 1100)	1.00	1.20	1.20		1.10	1.32		1
	, 11						29.66	sq.m.	

6 1.	5			Measure		O: ""		Pomarks	
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
						-			
	First Floor								
	W1(1800 X 1200)	12.00	1.80	21.60		1.20	25.92		
	W2 (1100 X 1100)	2.00	1.10	2.20		1.10	2.42		
	W3 (1200 X 1100)	1.00	1.20	1.20		1.10	1.32		
							29.66		
	Second Floor or Terrace								
	W2 (1100 X 1100)	2.00	1.10	2.20		1.10	2.42		
							2.42		
				Total Windo	ow shutter		61.74	°	
				TOTAL WING	ow shorier		01./4	\$q.m	
13.4	Grill work								
10.4	Ground Floor								
	As per shutter	1.00		As per s	hutter		29.66	Sq.m	
	, a per anene.			Total Gri			29.66	Sq.m	
14	Coloring / Painting works								
14.2	Interior Emulsion paint								
	Total internal & ceiling wall			as per plas	ster work	<u></u>	1491.56		
	naint			Total emuls			1491.56	Sq.m	
14.3	Exterior weathercoat paint								
	Total external wall paint		Α	s per exterior	plaster wor	k	452.53		
	,			Total weather	coat paint		452.53	Sq.m	
14.4	Enamel paint								
	Grill work			As per gr	ill work		29.66		
	Metal work								
	Staircase railing								
	50 mm dia handrail	2.00	7.46	14.92	0.31		4.62		
	3 layers of 25 mm dia	6.00	7.46	44.76	0.16		7.16		
	horizontal railing								
	32 mm dia vertical post	9.00	1.00	9.00	0.20		1.80		
	Verandah / Balcony railing								
	work								
	Ramp railing	1.00	1.00	1.00	0.01		0.01		
	50 mm dia handrail 3 layers of 25 mm dia	1.00	1.00	1.00	0.31		0.31		
	3 layers of 25 mm ala horizontal railing	3.00	1.00	3.00	0.16		0.48		

	.			Measure				Remark	
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	32 mm dia vertical post	7.00	1.00	7.00	0.20		1.40		
	First floor balcony south								
	50 mm dia handrail	1.00	31.45	31.45	0.31		9.74		
	50 mm dia bottom	1.00	31.45	31.45	0.31		9.74		
	32 mm dia vertical post	21.00	0.60	12.60	0.20		2.52		
	25 mm dia vertical post	315.00	0.46	144.90	0.16		23.18		
	Second floor/terrace								
	50 mm dia handrail	1.00	70.85	70.85	0.31		21.96		
	50 mm dia bottom	1.00	70.85	70.85	0.31		21.96		
	32 mm dia vertical post	28.00	0.60	16.80	0.20		3.36		
	25 mm dia vertical post	709.00	0.46	326.14	0.16		52.18		
				Total an an			100.07	6	
145	Door frame observe nation			Total enan	iei paint		190.07	\$q.m	
14.5	Door frame chapra polish Ground Floor			As per frar	no work		23.10		
	First Floor			As per fran			23.10		
	Second floor			As per fran			5.78		
	Second hoor		Tot	al Door frame		lish	51.98	Sq.m	
				<u> 2001</u>			010	04	
15	Railing work								
15.1	Staircase railing work with 50 mm dia Circular metal pipe railing with 32 mm metalsteel pipe vertical post at 2m spacing and three 25 mm metal metal pipe between hand rail and ground on height 750 to 900 mm as per design drawing & specification & instructon site incharge.(Staircase railing work)							Rm	
	Staircase railing								
	50 mm dia handrail	2.00	7.46	14.92	5.03		75.04		
	3 layers of 25 mm dia horizontal railing	6.00	7.46	44.76	2.41		107.87		
	32 mm dia vertical post	9.00	1.00	9.00	3.10		27.90		
	Verandah / Balcony railing work)								
	Ramp railing								
-	50 mm dia handrail	1.00	1.00	1.00	5.03		5.03		
	3 layers of 25 mm dia horizontal railing	3.00	1.00	3.00	2.41		7.23		
	32 mm dia vertical post	7.00	1.00	7.00	3.10		21.70		
	First floor balcony south	1.00							
	50 mm dia handrail	1.00	31.45	31.45	5.03		158.19		

S.N	Description	Non		Measure	ment		Ou ambib.	Unit	Remarks
3.IN	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Ulli	Kemarks
	50 mm dia bottom	1.00	31.45	31.45	5.03		158.19		
	32 mm dia vertical post	21.00	0.60	12.60	3.10		39.06		
	25 mm dia vertical post	315.00	0.46	144.90	2.41		349.20		
	Second floor/terrace	1.00							
	50 mm dia handrail	1.00	70.85	70.85	5.03		356.37		
	50 mm dia bottom	1.00	70.85	70.85	5.03		356.37		
	32 mm dia vertical post	28.00	0.60	16.80	3.10		52.08		
	25 mm dia vertical post	709.00	0.46	326.14	2.41		785.99		
			1	otal railing fo	r verandah		2500.22	kg	

Government of Nepal

Ghodaghodi Municipality Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAIL ESTIMATE (Temple and Sita kuwa)

				Measure					
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For sita kuwa	1.00	8.500	8.500	8.500		72.250		
	For bell	1.00	2.500	2.500	0.600		1.500		
				Total Site Clea	rance Work		73.750	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of column								
	For sita kuwa								
	outer	1.00	24.000	24.000	0.850	0.525	10.710		
	inner 1st	1.00	24.000	24.000	1.000	0.225	5.400		
	For bell	2.00	1.000	2.000	1.000	0.675	1.350		
			To	tal earthwork	in excavatio	on	17.460	Cu.m	
3	Earthback Filling								
	Filling Upto Ground Level						8.730		
				Total Fillin	g Work		8.730	Cu.m	
4	Brick/Boulder Soling								
4.1	Boulder Soling								
	For Footing								
	For sita kuwa								
	outer	1.00	24.000	24.000	0.650	0.150	2.340		
	inner 1st	1.00	24.000	24.000	1.000	0.150	3.600		
	For bell	2.00	0.800	1.600	0.800	0.150	0.192		
				Total stone s	oling work		6.132	Cu.m	
5	Stonework								
5.1	Stone Masonry Works in 1:6 C/S mortar							Cu.m	
	Foundation								
	For sita kuwa								
	outer	1.00	24.000	24.000	0.450	0.300	3.240		
	inner 1st	1.00	24.000	24.000	1.000	0.150	3.600		
	Above ground								
	outer	1.00	24.000	24.000	0.350	0.600	5.040		
				Total 1:6	S S / W		11.880	Cu.m	
	PCC and PCC Work			101011.0	, 3, 11		11.000	CU.III	
6	PCC and RCC Work								
6.1	M10 (1:3:6)								
	Foundation								

DETAIL ESTIMATE (Temple and Sita kuwa)

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	For sita kuwa								
	outer	1.00	24.00	24.000	0.650	0.075	1.170		
	inner 1st	1.00	24.00	24.000	1.000	0.075	1.800		
	For bell	2.00	0.80	1.600	0.800	0.075	0.096		
				Total M10 (1	:3:6) PCC		3.066	Cu.m	
6.2	M20 (1:1.5:3)								
	Sill band								
	Stone wall sill	1.00	24.000	24.000	0.400	0.075	0.720		
	For bell								
	foundation	2.00	0.600	1.200	0.600	0.300	0.216		
	pillar	2.00	0.200	0.400	0.200	1.800	0.144		
	beam	1.00	1.000	1.000	0.150	0.230	0.034		
	slab	1.00	2.000	2.000	1.200	0.125	0.300		
	For cornices								
	sita kuwa	20.00	0.400	8.000	0.800	0.300	1.920		
				Total RC	C work	T	3.334	Cu.m	
7	FORMWORKS								
	Stone wall sill	1.00	24.000	24.000		0.150	3.600		
	For bell								
	foundation	2.00	2.400	4.800		0.300	1.440		
	pillar	2.00	0.800	1.600		1.800	2.880		
	beam	1.00	1.000	1.000		0.610	0.610		
	slab	1.00	2.200	2.200		1.320	2.904		
	For cornices								
	sita kuwa	20.00	0.400	8.000	1.900		15.200		
				Total forr	nwork		26.634	Sq.m	
8	REINFORCEMENT						500 :	Kg	
	Reinforcement(2%)	1.00		3.33			523.438		
				Total reinforce	ement work		523.438	Kg	
•	FLOORING								
9	FLOORING								
9.1	50 mm screeding and punning	1.00	F 200	F 200	E 200		20.000		
	roof	1.00	5.300	5.300 mm screeding	5.300	na work	28.090 28.090	00.12	
0.0	Cranito		10101 50	mm screeding	y ana punhi	ng work	28.090	sq.m	
9.2	Granite								
	sita kuwa	1.00	24.000	24.000	0.400		0.700		
	Stone wall sill	1.00	24.000	24.000	0.400		9.600		
	temple let et en	1.00	20.800	20.800	0.300		6.240		
	1st step								
	pathway	1.00	12.000	12.000	1.200		14.400		

DETAIL ESTIMATE (Temple and Sita kuwa)

				Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	skriting	1.00	8.800	8.800	0.300		2.640		
				Total gran			32.880	sq.m	
9.2	Tile work								
	1st step	1.00	20.800	20.800		0.300	6.240		
	2nd step	1.00	18.000	18.000		0.150	2.700		
	2.10 5150		10.000	Total tile	work	000	8.940	sq.m	
							510	*******	
11	Doors and Windows								
11.1	Door and window Frame								
• • • • •	Salwood frame of size 100*125mm							Cu.m	
	D1(1000*2100)	1.00	5.20	5.20	0.150	0.15	0.11	00.111	
	window (600x600)	2.00	2.40	4.80	0.075	0.10	0.03		
	William (800x800)	2.00		Total salwood		ļ	0.03	Cu.m	
					name work		0.17	C0.111	
11.3	Panel of ankhi jhyal		-						
11.3	D1(1000*2100)	1.00	1.00	1.00		2.10	2.10		
	` '	1.00	1.00	1.00 0.60		2.10	2.10		
	window (600x600)	1.00	0.60			0.60	0.36	C	
11.0	Waadan amus daaliinaa		10	tal panel doo	i shuffer wo	rk I	2.46	Sq.m	
11.3	Wooden carved column	1.00	F 00	5.00		0.15	0.70		
	D1(1000*2100)	1.00	5.20	5.20		0.15	0.78		
			10	tal panel doo	r snutter wo	rk I	0.78	Sq.m	
12	PLASTERING WORK								
12.1	20 mm plaster								
	Stone wall sill								
	Stone wall sill	1.00	24.000	24.000		0.150	3.600		
	For bell								
	pillar	2.00	0.800	1.600		1.800	2.880		
	beam	1.00	1.000	1.000		0.610	0.610		
	slab	2.00	2.200	4.400		1.320	5.808		
	temple			1		1			
		10.00	1.20	12.00		2.40	28.80		
	cornice	20.00	1.60	32.00		1.00	32.00		
	middle band	1.00	8.52	8.52		1.00	8.52		
	roof cornice band	1.00	18.00	18.00		1.00	18.00		
	roof cornice band	1.00	21.20	21.20		1.00	21.20		
	roof	1.00	8.40	8.40		1.30	10.92		
				Total plast	er work	1	132.338	Sq.m	
12	COLOURING /PAINTING WORKS								
12.1	Intenral paint								
	internal wall	1.00	8.80	8.80		2.10	18.48		
				Total interr	nal paint		18.480	Sq.m	
12.1	External paint								
	Total external wall paint		А	s per external	plaster wor	·k	132.338		

DETAIL ESTIMATE (Temple and Sita kuwa)

	DEIF	IL LOTING	ATE (Temp						
S.N	Description	Nos.		Measure	ment		Quantity	Unit	Remarks
3.IN	Description	NOS.	Length	T.Length	Breadth	Height	Quantily	Unii	Kemarks
				Total weather	coat paint		120 220	S	
				Total weather	coai paini		132.338	Sq.m	
12.1	Enamel paint								
	temple external wall	1.00	8.80	8.80		2.30	20.24		
	as per metal								
	Shoe rack								
	frame 32 mm SHS	1.00	25.20	25.20		0.13	3.27		
	flats 3x25 mm	240.00	0.30	72.00		0.05	3.60		
	Light frame								
	frame 32 mm SHS	1.00	35.20	35.20		0.13	4.57		
	patta 5 mm	2.00	5.00	10.00		0.60	6.00		
				Total enam	nel paint		37.680	Sq.m	
12.1	Chapra polish								
	as per wood			As per pe	r wood		6.820		
				Total chap	ra polish		6.820	Sq.m	
13	Metal work								
	Shoe rack								
	frame 32 mm SHS	1.00	25.200	25.200		2.690	67.788		
	flats 3x25 mm	240.00	0.300	72.000		0.589	42.408		
	Light frame								
	frame 32 mm SHS	1.00	35.200	35.200		2.690	94.688		
	patta 5 mm	2.00	5.000	10.000	0.300	39.250	117.750		
				Total met	al work		212.438	kg	

Government of Nepal

Ghodaghodi Municipality

Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

	D			Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For ticket counter	1.00	5.18	5.18	5.18		26.83		
			1	otal Site Clea	rance Work		26.83	Sq.m	
2	Earthwork in Excavation								
2.1	Earthwork in Excavation manually							Cu.m	
	Foundation for footing of column								
	F1 (5' x 5') For Foundation Beam	4.00	1.82	7.28	1.82	1.73	22.92		
		1.66	1		0		,		
	Along Grid A-A	1.00	1.52	1.52	0.53	1.68	1.35		
	Along Grid B-B	1.00	1.52	1.52	0.53	1.68	1.35		
	Along Grid 1-1	1.00	1.52	1.52	0.53	1.68	1.35		
	Along Grid 2-2	1.00	1.52	1.52	0.53	1.68	1.35		
	Entry porch staircase	1.00	1.83	1.83	0.76	0.13	0.18		
	Apron	1.00	18.65	18.65	1.00	0.18	3.36		
	drain	1.00	25.41	25.41	0.69	0.48	8.42		
			101	al earthwork	ın excavatı	on I	40.28	Cu.m	
3	Earthback Filling								
	Filling Upto Ground Level						40.00		
	As per Total excavation						40.28		
	Floor	1.00		10.00		0.00	0.05		
	On floor	1.00		10.22		0.22	2.25		
	Deduction for RCC part in footing								
	Rectangular Section								
	F1 (5' x 5')	-4.00	1.52	-6.08	1.52	0.30	-2.77		
	For Foundation Beam								
	Along Grid A-A	-1.00	3.05	-3.05	0.23	0.30	-0.21		
	Along Grid B-B	-1.00	3.05	-3.05	0.23	0.30	-0.21		
	Along Grid 1-1	-1.00	3.05	-3.05	0.23	0.30	-0.21		
	Along Grid 2-2	-1.00	3.05	-3.05	0.23	0.30	-0.21		

				Measure	ment				Remarks
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	
	Deduction for stone soling								
	portion F1 (5' x 5')	-4.00	1.67	-6.68	1.67	0.15	-1.67		
	For Foundation Beam								
	Along Grid A-A	-1.00	1.52	-1.52	0.43	0.10	-0.07		
	Along Grid B-B	-1.00	1.52	-1.52	0.43	0.10	-0.07		
	Along Grid 1-1	-1.00	1.52	-1.52	0.43	0.10	-0.07		
	Along Grid 2-2	-1.00	1.52	-1.52	0.43	0.10	-0.07		
	Deduction for PCC portion								
	F1 (5' x 5')	-4.00	1.67	-6.68	1.67	0.08	-0.89		
	For Foundation Beam								
	Along Grid A-A	-1.00	1.52	-1.52	0.43	0.08	-0.05		
	Along Grid B-B	-1.00	1.52	-1.52	0.43	0.08	-0.05		
	Along Grid 1-1	-1.00	1.52	-1.52	0.43	0.08	-0.05		
	Along Grid 2-2	-1.00	1.52	-1.52	0.43	0.08	-0.05		
	Deduction for wall		0.05	0.05	2.22	0.00	0.40		
	Along Grid A-A	-1.00	3.05	-3.05	0.23	0.90	-0.63		
	Along Grid B-B		3.05	-3.05	0.23	0.90	-0.63		
	Along Grid 1-1	-1.00	3.05	-3.05	0.23	0.90	-0.63		
	Along Grid 2-2	-1.00	3.05	-3.05	0.23	0.90	-0.63		
	Deduction For Column upto GL								
	C(300 x 300) at footing depth 300mm	-4.00	0.30	-1.20	0.30	1.20	-0.43		
				Total Fillin	g Work		32.93	Cu.m	
4.1	Brick Soling								
7.1	Floor								
	Floor	1.00		10.22			10.22		
	Entry porch staircase	1.00	1.83	1.83	0.76		1.39		
				Total brick s	oling work		11.61	Sq.m	
4.2	Boulder Soling								
	For Footing of column								
	F1 (5' x 5')	4.00	1.67	6.68	1.67	0.15	1.67		
	For Foundation Beam								
	Along Grid A-A	1.00	1.52	1.52	0.43	0.10	0.07		
	Along Grid B-B	1.00	1.52	1.52	0.43	0.10	0.07		
	Along Grid 1-1	1.00	1.52	1.52	0.43	0.10	0.07		
	Along Grid 2-2	1.00	1.52	1.52	0.43	0.10	0.07		

CN	Danada Ban	Maa	Measurement					114	Dl
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Apron	1.00	18.65	18.65	1.00	0.10	1.87		
	Drain	1.00	25.41	25.41	0.69	0.10	1.75		
				Total boulder	soling work		5.57	Cu.m	
5	Sand Filling								
	Ground Floor								
	Floor	1.00		10.22		0.10	1.02		
				Total Sand F	illing Work		1.02	Cu.m	
6	500 MICRON POLYTHENE SHEET								
	Ground Floor	1.00		10.00			10.55		
	Floor	1.00		10.22		<u> </u>	10.22		
			Total	micron polyt	nene sheet v	work I	10.22	Sq.m	
_	D. 1								
	Brickwork Brick Masonry Works in 1:6 C/S								
	mortar							Cu.m	
	Upto Plinth Level								
	Along Grid A-A	1.00	3.05	3.05	0.23	1.05	0.74		
	Along Grid B-B	1.00	3.05	3.05	0.23	1.05	0.74		
	Along Grid 1-1	1.00	3.05	3.05	0.23	1.05	0.74		
	Along Grid 2-2	1.00	3.05	3.05	0.23	1.05	0.74		
	Entry porch staircase								
	Step I	1.00	1.52	1.52	0.30	0.15	0.07		
	Step II	1.00	1.52	1.52	0.30	0.30	0.14		
			To	tal 1:6 B/W up	oto plinth lev	el .	3.17	Cu.m	
	Brick Masonry Works in 1:4 C/S								
	mortar upto GF							Cu.m	
	Ground Floor								
	Along Grid A-A	1.00	3.05	3.05	0.23	2.56	1.80		
	Along Grid B-B	1.00	3.05	3.05	0.23	2.56	1.80		
	Along Grid 1-1	1.00	3.05	3.05	0.23	2.56	1.80		
	Along Grid 2-2	1.00	3.05	3.05	0.23	2.56	1.80		
	Deduction for openings								
	Window								
	W1(5' x 4'6")	-2.00	1.52	-3.04	0.23	1.37	-0.96		
	_								
	Door	1.00	0.03	0.01	0.00	0.10	0.15		
	D1(3' x 7')	-1.00	0.91	-0.91	0.23	2.13	-0.45		

S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	for Drain								
	Two blocks	2.00	25.41	50.82	0.23	0.30	3.51		
				Total 1:4 B/V	V upto GF		9.30	Cu.m	
7.3	Brick Masonry Works in 1:4 C/S mortar above GF								
	Terrace								
	4" parapet wall								
	Along Grid A-A	1.00	3.05	3.05	0.12	0.50	0.18		
	Along Grid B-B	1.00	3.05	3.05	0.12	0.50	0.18		
	Along Grid 1-1	1.00	3.05	3.05	0.12	0.50	0.18		
	Along Grid 2-2	1.00	3.05	3.05	0.12	0.50	0.18		
	9" Parapet wall	4.00	3.05	12.20	0.23	0.23	0.65		
			Total 1	1:4 B/W above	e terrace		1.37	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	Foundation								
	For Footing of column								
	F1 (5' x 5')	4.00	1.67	6.68	1.67	80.0	0.89		
	For Foundation Beam								
	Along Grid A-A	1.00	1.52	1.52	0.43	80.0	0.05		
	Along Grid B-B	1.00	1.52	1.52	0.43	80.0	0.05		
	Along Grid 1-1	1.00	1.52	1.52	0.43	0.08	0.05		
	Along Grid 2-2	1.00	1.52	1.52	0.43	0.08	0.05		
	Entry porch staircase	1.00	1.83	1.83	0.76	0.08	0.11		
	Apron	1.00	14.63	14.63	1.00	0.08	1.46		
	Drain	1.00	15.85	15.85	0.69	0.08	1.09		
					• • • • • •		_		
				Total M10 (1	:3:6) PCC		3.75	Cu.m	
8.2	M15 (1:2:4)								
	Ground Floor	1.0-		10.00					
	Floor	1.00		10.22	.0.4) 500	0.08	0.82		
	1400 (1.1 5.0)			Total M15 (1	:2:4) PCC		0.82	Cu.m	
	M20 (1:1.5:3)								
8.3.1	For Column footing	4.00	1.50	4.00	1.50	0.00	0.77		
	FI (3 X 3)	4.00	1.52	6.08	1.52	0.30	2.77	C	
				Total RCC fo	or rooting		2.77	Cu.m	

S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
8.3.2	Column								
	For Column upto Top Tie Beam								
	C(300 x 300) at footing depth 300mm	4.00	0.30	1.20	0.30	1.65	0.59		
	For Column above plinth								
	C(300 x 300) upto roof level	4.00	0.30	1.20	0.30	2.90	1.04		
				Total RCC fo	or column		1.63	Cu.m	
8.3.3.	Beam								
8.3.3.1	For Foundation Beam								
	Along Grid A-A	1.00	3.05	3.05	0.23	0.30	0.21		
	Along Grid B-B	1.00	3.05	3.05	0.23	0.30	0.21		
	Along Grid 1-1	1.00	3.05	3.05	0.23	0.30	0.21		
	Along Grid 2-2	1.00	3.05	3.05	0.23	0.30	0.21		
							0.84	Cu.m	
8.3.3.2	For Top Tie Beam								
	Along Grid A-A	1.00	3.05	3.05	0.23	0.30	0.21		
	Along Grid B-B	1.00	3.05	3.05	0.23	0.30	0.21		
	Along Grid 1-1	1.00	3.05	3.05	0.23	0.30	0.21		
	Along Grid 2-2	1.00	3.05	3.05	0.23	0.30	0.21		
							0.84	Cu.m	
8.3.3.3	For terrace floor beam								
	Along Grid A-A	1.00	3.05	3.05	0.23	0.30	0.21		
	Along Grid B-B	1.00	3.05	3.05	0.23	0.30	0.21		
	Along Grid 1-1	1.00	3.05	3.05	0.23	0.30	0.21		
	Along Grid 2-2	1.00	3.05	3.05	0.23	0.30	0.21		
							0.84	Cu.m	
				Total RCC f	or beam		2.52	Cu.m	
8.3.4	Slab								
	Roof slab								
	Entire blocks slab	1.00		30.11		0.13	3.91		
							3.91	Cu.m	
	Slanted roof slab								
	Longer slab	2.00		7.00		0.13	1.82		
							1.82	Cu.m	
	Slanted roof slab								
	shorter slab	2.00		4.24		0.13	1.10	Cu.m	
]	

				Measure	ement		Ourandib.		Do mo avelso
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
				Total RCC	for slab		6.83	Cu.m	
8.3.7	Sill band								
8.3.7.1	Ground Floor								
	Along Grid A-A	1.00	3.05	3.05	0.23	0.08	0.06		
	Along Grid B-B	1.00	3.05	3.05	0.23	0.08	0.06		
	Along Grid 1-1	1.00	3.05	3.05	0.23	0.08	0.06		
	Along Grid 2-2	1.00	3.05	3.05	0.23	0.08	0.06		
	Deductions for door								
	D1(3' x 7')	-1.00	0.91	-0.91	0.23	0.08	-0.02		
							0.22		
	_			1					
8.3.7.2	Terrace								
	Along Grid A-A	1.00	3.35	3.35	0.20	0.08	0.05		
	Along Grid B-B		3.35	3.35	0.20	0.08	0.05		
	Along Grid 1-1		3.66	3.66	0.20	0.08	0.06		
	Along Grid 2-2	1.00	3.66	3.66	0.20	0.08	0.06		
							0.22	Cu.m	
				T-1-1 DOC 6-	C!!! !!		0.44		
				Total RCC fo	or sili bana		0.44	Cu.m	
8.3.8	Lintel band								
8.3.8.1	Ground Floor								
0.3.0.1		1.00	2.05	2.05	0.02	0.12	0.00		
	Along Grid A-A	1.00	3.05	3.05	0.23	0.13	0.09		
	Along Grid B-B Along Grid 1-1	1.00	3.05	3.05 3.05	0.23	0.13	0.09		
	Along Grid 2-2		3.05	3.05	0.23	0.13	0.09		
	Along Glid 2-2	1.00	3.03	3.03	0.23	0.13	0.09	Cu.m	
							0.36	CU.III	
				Total RCC for	Lintel band		0.36	Cu.m	
							0.00		
				Total RC	C work	<u> </u>	14.55	Cu.m	
9	FORmWORKS								
9.1	For Column								
	For Column upto Top Tie Beam								
	C(300 x 300) at footing depth 300mm	4.00	1.20	4.80		1.65	7.92		
	30011111								

2.11	D			Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	For Column above plinth								
	C(300 x 300) upto roof level	4.00	1.20	4.80		2.90	13.92		
			To	otal foRmwor	k for column	1	21.84	\$q.m	
9.2	For Beam								
7.2	For Foundation Beam								
	Along Grid A-A	2.00	3.05	6.10		0.30	1.83		
	Along Grid B-B	2.00	3.05	6.10		0.30	1.83		
	Along Grid 1-1	2.00	3.05	6.10		0.30	1.83		
	Along Grid 2-2								
	Along Glid 2-2	2.00	3.05	6.10		0.30	1.83 7.32	S == ===	
							7.32	Sq.m	
	For Top Tie Beam								
	Along Grid A-A	2.00	3.05	6.10		0.30	1.83		
	Along Grid B-B	2.00	3.05	6.10		0.30	1.83		
	Along Grid 1-1	2.00	3.05	6.10		0.30	1.83		
	Along Grid 2-2	2.00	3.05	6.10		0.30	1.83		
							7.32	Sq.m	
	For terrace floor beam								
	Along Grid A-A	1.00	3.05	3.05	0.58		1.77		
	Along Grid B-B	1.00	3.05	3.05	0.58		1.77		
	Along Grid 1-1	1.00	3.05	3.05	0.58		1.77		
	Along Grid 2-2	1.00	3.05	3.05	0.58		1.77		
							7.08	Sq.m	
				otal foRmwo	rk for beam		21.72	Sq.m	
9.3	For Footing,slab,sill,lintel etc								
9.3.1.	For Footing								
	Sides For PCC Column footing								
	F1 (5' x 5')	4.00	6.68	26.72		0.08	2.14		
	Sides For Column footing								
	F1 (5' x 5')	4.00	6.08	24.32		0.30	7.30		
020			T-	otal foRmwor	k for footing		9.44	\$q.m	
9.3.2.	For PCC Sides for PCC work below								
	foundation beam								
	Along Grid A-A	1.00	1.52	1.52		0.16	0.24		
	Along Grid B-B	1.00	1.52	1.52		0.16	0.24		
	Along Grid 1-1	1.00	1.52	1.52		0.16	0.24		

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid 2-2	1.00	1.52	1.52		0.16	0.24		
	Entry porch staircase	1.00	1.83	1.83		0.16	0.29		
		Tota	l foRmwork	for PCC belov	w foundatio	n beam	1.25	Sq.m	
9.3.4	Slab								
	terrace floor	1.00		36.13			36.13		
	Terrace	1.00		13.49			13.49		
				Total foRmw	ork for slab	I	49.62	\$q.m	
9.3.7	Sill band								
	Ground Floor								
	Along Grid B-B	1.00	3.05	3.05		0.15	0.46		
	Along Grid 2-2	1.00	3.05	3.05		0.15	0.46		
	Along Grid A-A	1.00	3.05	3.05		0.15	0.46		
	Along Grid 1-1	1.00	3.05	3.05		0.15	0.46		
							1.84	Sq.m	
	Terrace								
	Along Grid A-A	1.00	3.35	3.35		0.15	0.50		
	Along Grid B-B	1.00	3.35	3.35		0.15	0.50		
	Along Grid 1-1	1.00	3.66	3.66		0.15	0.55		
	Along Grid 2-2	1.00	3.66	3.66		0.15	0.55		
							2.10	Sq.m	
			To	otal foRmwork	for Sill ban	d I	3.94	Sq.m	
9.3.8	Lintel band								
	Ground Floor								
	Along Grid A-A		3.05	3.05		0.25	0.76		
	Along Grid B-B		3.05	3.05		0.25	0.76		
	Along Grid 1-1	1.00	3.05	3.05		0.25	0.76		
	Along Grid 2-2	1.00	3.05	3.05		0.25	0.76		
							3.04	Sq.m	
				T-1-1 DOG (12-1-11		0.01		
				Total RCC for	Lintel band		3.04	Sq.m	
	forman could for already	1.00	05 41	05.41		0.00	2.02		
	formwork for drain	1.00	25.41	25.41		0.08	2.03		
			Toto	al foRmwork f	or slab,sill,lir	ntel	69.32	Sq.m	
				.			110.00		
				Total foR	mwork	1	112.88	\$q.m	
									<u> </u>

2.11	D			Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
10	REINFORCEMENT							Kg	
	Reinforcement(1.5%)	1.50		14.5			1713.26		
			,	Total reinforce	ement work	•	1713.26	Kg	
11	Flooring & Finishing Work								
11.1	38mm thick P.C.C. in (1:2:4) with cement punning (1:1) for flooring work.							\$q.m	
	apron	1.00		18.65			18.65		
			To	tal PCC with	punning wo	rk	18.65	Sq.m	
11.2	50mm thick P.C.C. in (1:2:4) with cement punning (1:1) for flooring work.							\$q.m	
	Terrace	1.00		41.35			41.35		
			Tota	al 50 PCC with	n punning w	ork	41.35	Sq.m	
11.3	CEMENT PUNNING							Sq.m	
	Entry porch staircase								
	tread	2.00	1.52	3.04		0.30	0.91		
	riser	2.00	1.52	3.04		0.15	0.46		
	side face	2.00	0.61	1.22		0.23	0.28		
	drain	1.00	25.41	25.41		1.29	32.78		
				Total punn	ing work		34.43	Sq.m	
11.1	Tile work								
	Ground Floor	1.00		11.75			11.75		
				Total tilin	g work	ı	11.75	Sq.m	
11.8	Waterproofing			10.15					
	Terrace	1.00		49.62			49.62		
				Total waterpr	ooting work		49.62	Sq.m	
							_		
12	PLASTERING & PUNNING WORKS						Sq.m		
12.1	12.5mm thick cement plaster in (1:3) in ceiling etc								
	Ground floor	1.00		30.11	<u> </u>		30.11		
	2.22300.		Total	12.5 mm th.	Plaster in ce	iling	30.11	Sq.m	
						-		,	
	12.5mm thick cement plaster in								
12.2	(1:4) in Internal Wall etc							Sq.m	

S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
12.2.1	Ground Floor								
	Room 1	1.00	12.20	12.20		2.74	33.43		
	Kopla for opening								
	Window								
	W1(5' x 4'6")	2.00	5.78	11.56	0.23		2.66		
	Door								
	D1(3' x 7')	1.00	5.17	5.17	0.23		1.19		
	Deduction for openings								
	Window								
	W1(5' x 4'6")	-2.00	1.52	-3.04		1.37	-4.16		
	Door								
	D1(3' x 7')	-1.00	0.91	-0.91		2.13	-1.94		
				Total 1:4 inn	er plaster		31.18	Sq.m	
12.3	12.5 mm thick cement plaster in (1:4) in External Wall etc Upto Plinth Level							\$q.m	
	Around Building	1.00	14.63	14.63		0.45	6.58		
	Ground Floor								
	Around Building	1.00	14.63	14.63		2.90	42.43		
	Deduction for openings			0.00					
	W1(5' x 4'6")	-2.00	1.52	-3.04		1.37	-4.16		
	D1(3' x 7')	-1.00	0.91	-0.91		2.13	-1.94		
	Terracae								
	Parapet wall	2.00	14.63	29.26		0.99	28.97		
	parapet wall top	1.00	14.63	14.63		0.23	3.36		
	Cement skirting								
	parapet sill	1.00	12.20	12.20		0.15	1.83		
				Total 1:4 exte	rnal plaster		77.07	Sq.m	
	Ommon think a arrest stantage !			<u> </u>					
12.3	20mm thick cement plaster in (1:4) in External Wall etc							\$q.m	
	Upto Plinth Level								
	Entry porch staircase								
	tread		1.52	3.04		0.30	0.91		
	riser	2.00	1.52	3.04		0.15	0.46		
	side face		0.61	1.22		0.23	0.28		
	for drain	1.00	25.41	25.41		1.29	32.78		

		Nos		Measure	ement				Danis and a
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
				Total 1:4 exte	rnal plaster		34.43	Sq.m	
12.4	3/4" Panipatti								
	Around the building								
	terrace slab projection	1.00	21.95	21.95			21.95		
	parapet sill	1.00	14.63	14.63			14.63		
				Total 3/4"	Panipatti		36.58	R.m	
13	Doors and Windows								
13.1	Aluminium door								
	Ground Floor								
	D1(3' x 7')	1.00	0.91	0.91		2.13	1.94		
			T	otal Aluminiu I	m door work	(1.94	\$q.m	
13.3	Aluminium window								
	Ground Floor								
	W1(5' x 4'6")	2.00	1.52	3.04		1.37	4.16		
			Toto	Aluminium	Window shu	tter	4.16	Sq.m	
13.40	GRILL WORK								
	Ground Floor								
	W1(5' x 4'6")	2.00	1.52	3.04		1.37	4.16		
				Total Gri	ll work		4.16	\$q.m	
14	COLOURING /PAINTING WORKS								
14.2	INTERIOR EMULSION PAINT								
	Total internal wall paint			As per inner p	olaster work		31.18		
	Total internal ceiling paint		A	As per ceiling	plaster work	(30.11		
				Total emul	sion paint		61.29	Sq.m	
14.3	EXTERIOR WEATHERCOAT PAINT								
	Total external wall paint		A	 As per exterior	plaster worl	<u> </u> k	77.07		
				Total weathe	r coat paint		77.07	Sq.m	
14.4	ENAMEL PAINT								
	Grill work			As per gr	ill work		4.16	Sq.m	
				Total enan			4.16	Sq.m	

ı	S.N	Description	Nos.		Measure	ment		Quantity	Unit	Remarks
	3.IV	Description	NOS.	Length	T.Length	Breadth	Height	Quality	Offili	Kemarks

Government of Nepal

Ghodaghodi Municipality

Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAIL ESTIMATE (Gazebo)

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For building	1.0	5.00	5.00	5.00		25.00		
			Ţ	otal Site Clea	rance Work	(25.00	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of column								
	Post	8.0	0.80	6.40	0.80	0.83	4.24		
	For Foundation Beam								
	TL	1.0	15.25	15.25	0.40	0.53	3.23		
			Tot	al earthwork	in excavati	on	7.47	Cu.m	
3	Earthbarol Eilling								
3	Earthback Filling Total excavation	1.0		7.4	7		7.47		1 000
	Deduction	1.0		7.4	/		7.47		1 nos
	Soling	-1.0		1.7	1		-1.71		
	PCC 1:3:6			1.2			-1.20		
	1 00 1.5.0	1.0		Total Fillin			4.56	Cu.m	
				10101111111	9 110.IK		4.00	00.111	
4	Brick/Boulder Soling								
4.1	Brick Soling							Sq.m	
	Floor								
	Room	1.0		14.80			14.80		
				Total brick s	oling work		14.80	Sq.m	
4.2	Boulder Soling								
	Below Foundation of wall								
	Post	8.0	0.80	6.40	0.80	0.15	0.76		
	TL	1.0	15.85	15.85	0.40	0.15	0.95		
				Total stone s	oling work		1.71	Cu.m	
7	Brickwork								
7.1	Brick Masonry Works in 1:6 C/S mortar							Cu.m	
	Upto Plinth Level								
	TL	1.0	15.85	15.85	0.40	0.30	1.90		

DETAIL ESTIMATE (Gazebo)

				Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	around the gazebo	1.0	14.20	14.20	0.12	1.00	1.70		
	sitting support	1.0	11.20	11.20	0.12	0.40	0.53		
			То	tal 1:6 B/W up	to plinth lev	el	4.13	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	Below Foundation wall								
	Post	9.0	0.80	7.20	0.80	0.10	0.57		
	TL	1.0	15.85	15.85	0.40	0.10	0.63		
				Total M10 (1	:3:6) PCC		1.20	Cu.m	
					-				
8.2	M15 (1:2:4)								
	Floor								
	Room			14.80	<u> </u>		14.80		
	Post		0.30	2.40	0.30	0.30	0.21		
				Total M15 (1			15.01	Cu.m	
					,		10.01	00	
8.3	M20 (1:1.5:3)								
0.0	post foundation	9.00	0.60	5.40	0.60	0.30	0.97		
	post pedestal		0.30	2.70	0.30	0.60	0.48		
	Beam		0.50	2.70	0.50	0.00	0.40		
	TL	1.0	15.85	15.85	0.23	0.15	0.54		
	lintel band on wall		14.20	14.20	0.12	0.13	0.13		
	iirilei bana on wali	1.0	14.20	Total RCC		0.06	2.12	Cu.m	
				loidi ke	- WOIK		2.12	CU.III	
9	FORMWORKS								
	post foundation	9.00	2.40	21.60		0.30	6.48		
	post pedestal		1.20	10.80		0.60	6.48		
	_		1.20	10.60		0.00	0.40		
	Beam TL	2.0	15.85	31.70		0.15	4.75		
	IL.	2.0	13.03	31.70		0.13	17.71	Sa m	
	For PCC						17./1	Sq.m	
	Sides for PCC work below foundation								
	beam								
	TL	1.0	15.85	15.85		0.15	2.37		
				Total formwa	ork for PCC		2.37	Sq.m	
				Total forn	nwork		20.08	Sq.m	
10	REINFORCEMENT							Kg	
	Reinforcement(1.5%)	1.5		2.11	2		249.63		
				Total reinforce	ement work		249.63	Kg	
11	Flooring & Finishing Work								

DETAIL ESTIMATE (Gazebo)

C N1	Donate House	N		Measure	ment		0	11 14	Do no curleo
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
11.1	50 mm thick P.C.C. in (1:2:4) with cement punning (1:1) for roof treatment work.							Sq.m	
	Room	1.0		14.80			14.80		
			Total :	50 mm PCC w	ith punning	work	14.80	Sqm	
12	PLASTERING WORKS								
12.1	12.5mm thick cement plaster in (1:4) in External Wall etc							Sq.m	
	Upto Plinth level								
	TL	1.0	14.2	14.20		0.30	4.26		
	around the gazebo	1.0	14.2	14.20		1.27	18.03		
	wall inside	1.0	11.2	11.20		0.45	5.04		
				Total 1:4 exte	rnal plaster		27.33	Sq.m	
13	COLOURING /PAINTING WORKS								
13.1	EXTERIOR WEATHERCOAT PAINT								
	Total external wall paint			As per inner p	laster work		27.33		
				Total weather	coat paint		27.33	Sq.m	
14	ROOFING WORK								
14.1	UPVC sheet							Sq.m	
	Roof cover	1.0		28.94			28.94		
				Total UPV	C sheet		28.94	Sq.m	
14.2	UPVC ridge cover							Rm	
	Roof cover	8.0	3.00	24.00			24.00		
				Total ridge	cover		24.00	Rm	
15	ROOF TRUSS								
	Ground Floor (Roof cover)								
	4" Post	9.0	3.15	28.35	14.40		408.24		
	Truss		347.28				347.28		
		1.0	Ţ	otal MS pipe 1	for roof truss	<u> </u> ;	755.52	Kg	
								.5	

Government of Nepal

Ghodaghodi Municipality

Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For main building	1.00	8.00	8.00	6.00		48.00		
			To	otal Site Clea	arance Wo	rk	48.00	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of column								
	F1	4.00	1.70	6.80	1.70	1.73	20.00		
	For Foundation Beam								
	Along Grid A-A	1.00	3.30	3.30	0.43	1.38	1.96		
	Along Grid B-B	1.00	3.30	3.30	0.43	1.38	1.96		
	Along Grid 1-1	1.00	1.30	1.30	0.43	1.38	0.77		
	Along Grid 2-2	1.00	1.30	1.30	0.43	1.38	0.77		
	Drain Around Building	1.00	11.00	11.00	0.69	0.46	3.49		
	Apron	1.00	11.00	11.00	0.67	0.23	1.70		
	Entry porch staircase	1.00	1.41	1.41	0.30	0.23	0.10		
			Tota	ıl earthwork	in excava	ition	30.75	Cu.m	
3	Earthback Filling								
	Filling Upto Ground Level								
	For Footing of column								
	F1	4.00	1.40	5.60	1.40	1.73	13.56		
	Foundation of beam and wall								
	Along Grid A-A	1.00	3.30	3.30	0.43	1.38	1.96		
	Along Grid B-B	1.00	3.30	3.30	0.43	1.38	1.96		
	Along Grid 1-1	1.00	1.30	1.30	0.43	1.38	0.77		
	Along Grid 2-2	1.00	1.30	1.30	0.43	1.38	0.77		
	Filling in floor								
	Guard room and toilet	1.00	4.77	4.77	2.77	0.02	0.26		
	Deduction for RCC part in footing								
	Rectangular Section								
	F1	-4.00	1.50	-6.00	1.50	0.18	-1.62		
		-4.00	1.50	-6.00	0.50	0.18	-0.88		
	Deduction for soling portion								
	For Footing of column								
	F1	-4.00	1.70	-6.80	1.70	0.15	-1.73		

			_	Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Below Foundation beam		_						
·	Along Grid A-A	-1.00	3.30	-3.30	0.43	0.15	-0.21		
	Along Grid B-B	-1.00	3.30	-3.30	0.43	0.15	-0.21		
	Along Grid 1-1	-1.00	1.30	-1.30	0.43	0.15	-0.08		
	Along Grid 2-2	-1.00	1.30	-1.30	0.43	0.15	-0.08		
	Deduction for PCC portion								
<u> </u>	For Footing of column								
	F1	-4.00	1.70	-6.80	1.70	0.08	-0.92		
	Below Foundation beam								
	Along Grid A-A	-1.00	3.30	-3.30	0.43	0.08	-0.11		
L	Along Grid B-B	-1.00	3.30	-3.30	0.43	0.08	-0.11		
	Along Grid 1-1	-1.00	1.30	-1.30	0.43	0.08	-0.04		
	Along Grid 2-2	-1.00	1.30	-1.30	0.43	0.08	-0.04		
	Deduction for wall Below foundation beam								
	Along Grid A-A	-1.00	4.70	-4.70	0.23	1.15	-1.24		
	Along Grid B-B		4.70	-4.70	0.23	1.15	-1.24		
	Along Grid 1-1		2.70	-2.70	0.23	1.15	-0.71		
	Along Grid 2-2		2.70	-2.70	0.23	1.15	-0.71		
	Deduction For Column upto GL								
	C(300*300)	-21.00	0.30	-6.30	0.30	1.15	-2.17		
·				Total Fillir	ng Work		7.18	Cu.m	
4	Brick/Boulder Soling								
4.1	Brick Soling							Sq.m	
	Floor								
	Guard room and toilet	1.00	4.77	4.77	2.77		13.21		
				Total brick s	oling work	(13.21	Sq.m	
4.2	Boulder Soling								
	For Footing of column								
	FI	4.00	1.70	6.80	1.70	0.15	1.73		
	Below Foundation beam								
	Along Grid A-A		3.30	3.30	0.43	0.15	0.21		
	Along Grid B-B		3.30	3.30	0.43	0.15	0.21		
	Along Grid 1-1	1.00	1.30	1.30	0.43	0.15	0.08		
	Along Grid 2-2		1.30	1.30	0.43	0.15	0.08		ļ
	Foundation								
	Entry porch staircase	1.00	1.40	1.40	0.30	0.15	0.06		ļ
	Drain Around Building		11.00	11.00	0.69	0.15	1.14		
	Apron	1.00	11.00	11.00	0.67	0.15	1.11		-
			1	Total stone s	oling work	(4.62	Cu.m	ļ
4	Sand filling								
	Floor								

				Measure	ement				_
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	room	1.00	4.77	4.77	2.77	0.10	1.32		
				Total brick s	oling work		1.32	Cu.m	
4	500 mm micron polythene sheet								
	Floor								
	Guard room and toilet	1.00	4.77	4.77	2.77		13.21		
				Total polyth	ene sheet		13.21	Sq.m	
7	Brickwork								
7.1	Brick Masonry Works in 1:6 C/S mortar							Cu.m	
	Below foundation beam								
	Along Grid A-A	1.00	4.70	4.70	0.23	0.70	0.76		
	Along Grid B-B	1.00	4.70	4.70	0.23	0.70	0.76		
	Along Grid 1-1	1.00	2.70	2.70	0.23	0.70	0.43		
	Along Grid 2-2	1.00	2.70	2.70	0.23	0.70	0.43		
	Entry porch staircase								
	Step I	1.00	1.40	1.40	0.30	0.15	0.06		
	Drain Around Building	2.00	11.00	22.00	0.23	0.23	1.16		
	Ground Floor								
	9" wall								
	Along Grid A-A	1.00	4.70	4.70	0.23	2.65	2.86		
	Along Grid B-B	1.00	3.32	3.32	0.23	2.65	2.02		
	Along Grid 1-1	1.00	1.82	1.82	0.23	2.65	1.11		
	Along Grid 2-2	1.00	2.70	2.70	0.23	2.65	1.65		
	Deduction for openings								
	W1(1500*1200)	-1.00	1.50	-1.50	0.23	1.20	-0.41		
	W2(2680*1200)	-1.00	2.68	-2.68	0.23	1.20	-0.74		
	V(600*600)	-1.00	0.60	-0.60	0.23	0.60	-0.08		
			Toto	ıl 1:6 B/W up	oto plinth le	evel	10.01	Cu.m	
7.2	Brick Masonry Works in 1:4 C/S mortar							Cu.m	
	4" wall								
	Ground Floor								
	Partition wall	1.00	3.97	3.97	0.12	2.85	1.36		
	Deduction for openings								
	D1(750*2100)	-1.00	0.75	-0.75	0.12	2.10	-0.19		
	D2(900*2100)	-1.00	0.90	-0.90	0.12	2.10	-0.23		
				1:4 B/W abo			0.94	Cu.m	
7.3	Brick Masonry Works in 1:4 C/S mortar above GF							Cu.m	
	Roof								
	Parapet wall	1.00	15.54	15.54	0.12	0.76	1.42		

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
			1	otal 1:4 B/W	above G	F	1.42	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	Foundation								
	For Footing of column								
	FI	4.00	1.70	6.80	1.70	0.08	0.92		
	For Foundation Beam								
	Along Grid A-A	1.00	3.30	3.30	0.43	0.08	0.11		
	Along Grid B-B	1.00	3.30	3.30	0.43	0.08	0.11		
	Along Grid 1-1	1.00	1.30	1.30	0.43	0.08	0.04		
	Along Grid 2-2	1.00	1.30	1.30	0.43	0.08	0.04		
	Entry porch staircase	1.00	1.40	1.40	0.30	0.08	0.03		
	Drain Around Building	1.00	11.00	11.00	0.69	0.08	0.61		
	Apron	1.00	11.00	11.00	0.67	0.08	0.59		
				Total M10 (1	:3:6) PCC		2.45	Cu.m	
8.2	M15 (1:2:4)								
	Floors								
	Guard room and toilet	1.00	4.77	4.77	2.77	0.08	1.06		
				Total M15 (1	:2:4) PCC		1.06	Cu.m	
8.3	M20 (1:1.5:3)								
	For Column footing								
	Rectangular Section								
	FI	4.00	1.50	6.00	1.50	0.18	1.62		
		4.00	1.50	6.00	0.50	0.18	0.88		
				Total RCC f	or footing		2.50	Cu.m	
	Column								
	For Column upto Top Tie Beam								
	Column(300*300)	4.00	0.30	1.20	0.30	1.30	0.47		
	Ground Floor				-				
	Column(300*300)	4.00	0.30	1.20	0.30	3.00	1.08		
				Total RCC fo	or column		1.55	Cu.m	
					-				
	Beam								
	For Foundation Beam								
	Along Grid A-A	1.00	4.70	4.70	0.23	0.30	0.32		
	Along Grid B-B	1.00	4.70	4.70	0.23	0.30	0.32		
	Along Grid 1-1	1.00	2.70	2.70	0.23	0.30	0.19		
	Along Grid 2-2	1.00	2.70	2.70	0.23	0.30	0.19		
						-	1.02	Cu.m	

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	For Top Tie Beam								
	Along Grid A-A	1.00	4.70	4.70	0.23	0.30	0.32		
	Along Grid B-B	1.00	4.70	4.70	0.23	0.30	0.32		
	Along Grid 1-1	1.00	2.70	2.70	0.23	0.30	0.19		
	Along Grid 2-2	1.00	2.70	2.70	0.23	0.30	0.19		
							1.02	Cu.m	
	Main Beam	1.00	4.70	4.70	0.03	0.00	0.00		
	Along Grid A-A Along Grid B-B		4.70 4.70	4.70	0.23	0.20	0.22		
		1.00							
	Along Grid 1-1 Along Grid 2-2		2.70 2.70	2.70	0.23	0.20	0.12		
	Along Grid 2-2	1.00	2.70	2.70	0.23	0.20	0.12	Cu.m	
				Total RCC	for beam		2.72	Cu.m	
	Slab								
	Entire slab	1.00	6.20	6.20	4.20	0.15	3.91		
				Total RCC	for slab	•	3.91	Cu.m	
	Sill band								
	Ground Floor								
	9" wall								
	Along Grid A-A	1.00	4.70	4.70	0.23	0.08	0.09		
	Along Grid B-B	1.00	3.32	3.32	0.23	0.08	0.06		
	Along Grid 1-1	1.00	1.82	1.82	0.23	0.08	0.03		
	Along Grid 2-2	1.00	2.70	2.70	0.23	0.08	0.05		
	4" wall								
	Partition wall	1.00	3.97	3.97	0.12	0.08	0.04		
	Deduction for openings								
	D1(750*2100)	-1.00	0.75	-0.75	0.12	0.08	-0.01		
	D2(900*2100)	-1.00	0.90	-0.90	0.12	0.08	-0.01		
	Roof								
	4" wall								
	Parapet wall	1.00	15.54	15.54	0.12	0.08	0.15		
				Total RCC fo	or sill band		0.40	Cu.m	
	Lintel band								
	Ground Floor								
	9" wall								
	Along Grid A-A	1.00	4.70	4.70	0.23	0.08	0.09		
	Along Grid B-B	1.00	3.32	3.32	0.23	0.08	0.06		

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid 1-1	1.00	1.82	1.82	0.23	0.08	0.03		
	Along Grid 2-2	1.00	2.70	2.70	0.23	0.08	0.05		
	4" wall								
	Partition wall	1.00	3.97	3.97	0.12	0.08	0.04		
			Т	otal RCC for	lintel ban	d	0.27	Cu.m	
				Total RC	C work		11.35	Cu.m	
9	FORMWORKS								
	For column								
	For Column upto Top Tie Beam								
	Column(300*300)	4.00	1.20	4.80		1.30	6.24		
	Ground Floor								
	Column(300*300)	4.00	1.20	4.80		2.88	13.82		
			To	tal formwor	k for colun	nn	20.06	Sq.m	
	For Beam								
	For Foundation Beam								
	Along Grid A-A	2.00	4.70	9.40		0.30	2.82		
	Along Grid B-B	2.00	4.70	9.40		0.30	2.82		
	Along Grid 1-1	2.00	2.70	5.40		0.30	1.62		
	Along Grid 2-2	2.00	2.70	5.40		0.30	1.62		
							8.88	Sq.m	
	For Top Tie Beam								
	Along Grid A-A	2.00	4.70	9.40		0.30	2.82		
	Along Grid B-B	2.00	4.70	9.40		0.30	2.82		
	Along Grid 1-1	2.00	2.70	5.40		0.30	1.62		
	Along Grid 2-2	2.00	2.70	5.40		0.30	1.62		
							8.88	Sq.m	
	Main Beam								
	Along Grid A-A	2.00	4.70	9.40		0.20	1.88		
	Along Grid B-B	2.00	4.70	9.40		0.20	1.88		
	Along Grid 1-1	2.00	2.70	5.40		0.20	1.08		
	Along Grid 2-2	2.00	2.70	5.40		0.20	1.08		
							5.92	Sq.m	
-		-	To	otal formwo	rk for bear	m	23.68	Sq.m	-
	Slab								
	Entire slab	1.00	6.20	6.20	4.20		26.04		
	Sides	1.00	20.80	20.80		0.15	3.12		
			· ·	Total formwo	ork for slab	_	29.16	Sq.m	

						_			
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remark
	For Footing								
	Sides For PCC in Column footing								
	FI	4.00	6.80	27.20		0.08	2.18		
	Sides For Column footing								
	F1	4.00	6.00	24.00		0.18	4.32		
			To	otal formwor	k for footir	ng	6.50	Sq.m	
	For PCC								
	Sides for PCC work below foundation beam								
	Along Grid A-A	1.00	3.30	3.30		0.15	0.50		
	Along Grid B-B	1.00	3.30	3.30		0.15	0.50		
	Along Grid 1-1	1.00	1.30	1.30		0.15	0.20		
	Along Grid 2-2	1.00	1.30	1.30		0.15	0.20		
	Drain Around Building	1.00	11.00	11.00		0.15	1.65		
			1	otal formwo	ork for PCC	:	3.05	Sq.m	
	For Sill band								
	Ground Floor								
	Along Grid A-A	1.00	4.70	4.70		0.15	0.71		
	Along Grid B-B	1.00	3.32	3.32		0.15	0.50		
	Along Grid 1-1	1.00	1.82	1.82		0.15	0.27		
	Along Grid 2-2	1.00	2.70	2.70		0.15	0.41		
	4" wall								
	Partition wall	1.00	3.97	3.97		0.15	0.60		
	Deduction for openings								
	D1(750*2100)	-1.00	0.75	-0.75		0.15	-0.11		
	D2(900*2100)	-1.00	0.90	-0.90		0.15	-0.14		
				·					
	Roof								
	4" wall								
-	Parapet wall	1.00	15.54	15.54		0.15	2.33		
			To	tal formwork	for sill ba	nd	4.57	\$q.m	
	For Lintel band								
_	Ground Floor								
	Along Grid A-A	1.00	4.70	4.70		0.30	1.41		
	Along Grid B-B	1.00	3.32	3.32		0.30	1.00		
	Along Grid 1-1	1.00	1.82	1.82		0.30	0.55		
	Along Grid 2-2	1.00	2.70	2.70		0.30	0.81		
	4" wall								L

			Ì	Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Partition wall	1.00	3.97	3.97		0.15	0.60		
				al formwork	for lintel be		4.37	Sq.m	
				Total for			91.39	Sq.m	
							71.07	04	
10	REINFORCEMENT							Kg	
	Reinforcement(1.5%)	1.50		11.3	35		1336.46	1,9	
	Keimorcemem(1.5%)	1.50	T/	otal reinforc		·lv	1336.46	Kg	
					emem wo	N.	1330.40	ĸg	
11	Flooring & Finishing Work								
	38mm thick P.C.C. in (1:2:4) with cement								
11.1	punning (1:1) for flooring work.							Sq.m	
	Ground Floor								
	Guard room	1.00	3.00	3.00	2.54		7.62		
	Passage	1.00	1.66	1.66	1.16		1.93		
	Outer entrance steps								
	Tread	1.00	1.40	1.40	0.30		0.42		
			Total	al PCC with	punning w	ork	9.97	Sq.m	
								-	
11.2	50mm thick P.C.C. in (1:2:4) with cement							C	
11.2	punning (1:1) for flooring work.							\$q.m	
	Roof								
	Terrace	1.00	4.77	4.77	2.77		13.21		
	Projected ceiling	1.00	18.40	18.40	0.60		11.04		
			Toto	al PCC with	punning w	ork	24.25	Sq.m	
11.3	CEMENT PUNNING							Sq.m	
	Ground Floor								
	Outer entrance steps								
	Riser	2.00	1.40	2.80		0.15	0.42		
	Drain Around Building	1.00	11.00	11.00	1.15		12.65		
	Apron	1.00	11.00	11.00	0.67		7.37		
				Total punn	ing work		20.44	Sq.m	
	Providing and Laying 6mm.th.porcelain								
11.4	glazed/non glazed tiles on walls and floor.							Sqm	
11.4.1	On walls								
11.4.1	Ground Floor								
		1.00	5.86	E 0/		1.00	7 ∩≎		
	Inner toilet	1.00	3.00	5.86		1.20	7.03		
	Deduction for openings D1(750*2100)	1.00	0.75	0.75		1.00	0.00		
	D1(730 2100)	-1.00	0.75	-0.75	a m 3	1.20	-0.90	C	
			 	Total tile	on wall		6.13	\$q.m	
11.4.2	On Floor								

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Ground Floor								
	Inner toilet	1.00	1.50	1.50	1.43		2.14		
				Total tile	on floor		2.14	Sq.m	
11.4.2	Waterproofing								
	Toilet floor	1.00	1.50	1.50	1.43		2.14		
	toilet wall	1.00	5.86	5.86	0.60		3.51		
				Total wate	rproofing		5.65	\$q.m	
	DIACTERING A DUNNING WORKS								
	PLASTERING & PUNNING WORKS 12.5mm thick cement plaster in (1:3) in								
12.1	ceiling etc							Sq.m	
	Ground Floor								
	Guard room	1.00	3.00	3.00	2.54		7.62		
	Toilet	1.00	1.50	1.50	1.43		2.15		
	Passage	1.00	1.66	1.66	1.16		1.93		
	Projected ceiling	1.00	18.40	18.40	0.60		11.04		
	Sides	1.00	20.80	20.80		0.15	3.12		
				Total 1:4 inr	ner plaster		25.86	Sq.m	
12.2	12.5mm thick cement plaster in (1:4) in Internal Wall etc							Sq.m	
	Ground Floor								
	Guard room	1.00	11.08	11.08		3.00	33.24		
	Toilet	1.00	5.86	5.86		4.00	23.44		
	Sides for openings								
	W1(1500*1200)	-1.00	5.40	-5.40	0.23		-1.24		
	W1 (2680*1200)	0.00	7.76	0.00	0.23		0.00		
	V(600*600)	-1.00	2.40	-2.40	0.23		-0.55		
	D1(750*2100)	-1.00	4.95	-4.95	0.12		-0.59		
	D2(900*2100)	-1.00	5.10	-5.10	0.12		-0.61		
	Deduction for openings								
	W1(1500*1200)	-1.00	1.50	-1.50		1.20	1.80		
	W2(2680*1200)	-1.00	2.68	-2.68		1.20	3.22		
	V(600*600)	-1.00	0.60	-0.60		0.60	0.36		
	D1(750*2100) D2(900*2100)	-1.00	0.75	-0.75		2.10	1.58		
	D2(700 2100)	-1.00	0.90	-0.90	or plastor	2.10	1.89	S er	
				Total 1:4 inr	iei piasier		62.54	\$q.m	
12.3	12.5mm thick cement plaster in (1:4) in External Wall etc							Sq.m	
	Upto Plinth Level								
	Around Building	1.00	16.00	16.00		0.30	4.80		
							4.80	Sq.m	
	Ground Floor								

			Measurement						
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Around Building	1.00	16.00	16.00		3.00	48.00		
	Deduction for openings								
	W1(1500*1200)	-1.00	1.50	-1.50		1.20	1.80		
	W2(2680*1200)	-1.00	2.68	-2.68		1.20	3.22		
	V(600*600)	-1.00	0.60	-0.60		0.60	0.36		
	D1(750*2100)	-1.00	0.75	-0.75		2.10	1.58		
	D2(900*2100)	-1.00	0.90	-0.90		2.10	1.89		
							56.85	Sq.m	
	Roof								
	Parapet wall	1.00	15.54	15.54		1.85	28.75		
							28.75	Sq.m	
			Te	otal 1:4 exte	ernal plaste	er	90.40	Sq.m	
12.4	20mm thick cement sand plaster(1:4) on floor of good finish including racking of joints, wetting the surface and curing the work all complete.							Sq.m	
	Ground Floor								
	Outer entrance steps								
	Riser	2.00	1.40	2.80		0.15	0.42		
	Drain Around Building	1.00	11.00	11.00	1.15		12.65		
	Apron	1.00	11.00	11.00	0.67		7.37		
				Total 1:4 flo	or plaster	I	20.02	Sq.m	
14	DOORS AND WINDOWS								
14.2	Aluminium door							Sq.m	
	Ground Floor								
	D1(750*2100)	1.00	0.75	0.75		2.10	1.58		
	D2(900*2100)	1.00	0.90	0.90		2.10	1.89		
			То	tal powder	coated do	or	3.47	Sq.m	
14.3	Window/ventilation								
14.3.1	Aluminium window							Sq.m	
	Ground Floor								
	W1(1500*1200)	1.00	1.50	1.50		1.20	1.80		
	W2(2680*1200)	1.00	2.68	2.68		1.20	3.22		
	V(600*600)	1.00	0.60	0.60		0.60	0.36		
	. (555 666)			ıl powder co	oated wind		5.38	Sq.m	*
				<u> </u>					
15	COLOURING /PAINTING WORKS								
15.1	INTERIOR DISTEMPER PAINT								*
· ·	Total internal wall paint Ceiling		A	s per inner p	olaster woi	rk	62.54		
	Celling		I		Ī	Ī			

		DETAIL ESTIMATE (GOOIG HOUS								
S.N	Description	Nos.		Measure	ement		Quantity	Unit	Remarks	
3.14	Description	NOS.	Length	T.Length	Breadth	Height	Quality	Offili	Kemarks	
	Toilet	1.00	1.50	1.50	1.43		2.15			
				Total disten	nper paint		72.31	Sq.m		
15.2	EXTERIOR WEATHERCOAT PAINT									
	Total external wall paint		As	per externa	l plaster w	ork	90.40			
	Ceiling									
	Passage	1.00	1.66	1.66	1.16		1.93			
	Projected ceiling	1.00	18.40	18.40	0.60		11.04			
	Sides	1.00	20.80	20.80		0.15	3.12			
			T	otal weathe	r coat pair	nt	106.49	Sq.m		
15.2	ENAMEL PAINT									
	window									
	W1(1500*1200)	1.00	1.50	1.50		1.20	1.80			
	W2(2680*1200)	1.00	2.68	2.68		1.20	3.22			
	V(600*600)	1.00	0.60	0.60		0.60	0.36			
			T	otal weathe	r coat pair	5.38	Sq.m			
16	Grill work									
	window									
	W1(1500*1200)	1.00	1.50	1.50		1.20	1.80			
	W2(2680*1200)	1.00	2.68	2.68		1.20	3.22			
	V(600*600)	1.00	0.60	0.60		0.60	0.36			
				Total gri	ll work		5.38	Sq.m		

Government of Nepal

Ghodaghodi Municipality

Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAIL ESTIMATE (Chuatari)

				Measure	ment		.		
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For building	1.0	20.00	20.00	14.00		280.00		
			To	otal Site Clea	rance Wo	rk	280.00	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of wall								
	outer wall	1.0	68.00	68.00	0.90	0.83	50.79		
	inside wall	1.0	47.20	47.20	0.90	0.83	35.25		
	around the tree	2.0	8.00	16.00	0.90	0.83	11.95		
			Tota	al earthwork	in excava	tion	97.99	Cu.m	
3	Earthback Filling								
	back filling lower level	1.0		125.50		0.33	41.42		
	back filling upper level	1.0		114.21		0.78	89.08		
	Total excavation	1.0		97.9	9	•	97.99		1 nos
	Deduction								
	Soling	-1.0		13.7	7		-13.77		
	PCC 1:3:6	-1.0		9.18	8		-9.18		
	Foundation wall	-1.0		43.4	11		-43.41		
				Total Fillin	g Work	I	162.13	Cu.m	
4	Brick/Boulder Soling								
4.1	Brick Soling							Sq.m	
	Lower level	1.0		125.50			125.50		
	Upper level	1.0		114.21			114.21		
				Total brick so	oling work		239.71	Sq.m	
4.2	Boulder Soling								
	outer wall	1.0	68.0	68.00	0.70	0.15	7.14		
	inside wall	1.0	47.2	47.20	0.70	0.15	4.95		
	around the tree	2.0	8.0	16.00	0.70	0.15	1.68		
-				Total stone s	oling work	[13.77	Cu.m	

DETAIL ESTIMATE (Chuatari)

				Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
7	Stone work								
7.1	Stone Masonry Works in 1:6 C/S mortar							Cu.m	
								-	
	Foundation								
	500 mm th wall	1.0	/0.00	/0.00	0.50	0.20	10.00		
	outer wall	1.0	68.00	68.00	0.50	0.30	10.20		
	inside wall around the tree	2.0	47.20 8.0	47.20	0.50	0.30	7.08 2.40		
		2.0	6.0	16.00	0.50	0.30	2.40		
	350 mm th wall	1.0	/0.00	/0.00	0.25	0.20	714		
	outer wall	1.0	68.00	68.00	0.35	0.30	7.14		
	inside wall	1.0	47.20	47.20	0.35	0.75	12.39		
	around the tree	2.0	8.0	16.00	0.35	0.75	4.20		
	Above plinth								
	350 mm th wall	1.0	10.00	40.00	0.05	0.15	10.71		
	outer wall	1.0	68.00	68.00	0.35	0.45	10.71		
	inside wall	1.0	47.20	47.20	0.35	0.45	7.43		
	around the tree	2.0	8.00	16.00	0.35	0.45	2.52	_	
			Total 1	:6 Stonework	upto plint	h level	64.07	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	outer wall	1.0	68.00	68.00	0.70	0.10	4.76		
	inside wall	1.0	47.20	47.20	0.70	0.10	3.30		
	around the tree	2.0	8.00	16.00	0.70	0.10	1.12		
				Total M10 (1	:3:6) PCC	ı	9.18	Cu.m	
8.2	M15 (1:2:4)								
	Lower level			125.50		0.08	10.04		
	Upper level	1.0		114.21		0.08	9.14		
				Total M15 (1	:2:4) PCC	I	19.18	Cu.m	
9	FORMWORKS								
	For PCC								
	Sides for PCC work below foundation beam								
	outer wall	1.0	68.00	68.00		0.20	13.60		
	inside wall	1.0	47.20	47.20		0.20	9.44		
	around the tree	2.0	8.00	16.00		0.20	3.20		
				Total forn	nwork	1	26.24	Sq.m	
11	Flooring & Finishing Work								
	50 mm thick P.C.C. in (1:2:4) with cement								
11.1	punning (1:1) for roof treatment work.							Sq.m	

DETAIL ESTIMATE (Chuatari)

S.N	Description	Nos. Measurement					Quantity	Unit	Remarks
3.11	Description	NOS.	Length	T.Length	Breadth	Height	Quantily	UIIII	Kemarks
	Lower level	1.0	150.00				150.00		
	Upper level	1.0		122.24			122.24		
			Total 5	Total 50 mm PCC with punning work			272.24	Sqm	

Ghodaghodi Municipality

Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAIL ESTIMATE (Flag central space)

				Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	area	1.0	9.60	9.60	9.60		92.16		
			To	otal Site Clea	rance Wor	k	92.16	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of wall								
	1st step	1.0	56.50	56.50	0.65	0.53	19.46		
	2nd step	1.0	50.30	50.30	0.65	0.53	17.32		
	3rd step	1.0	44.00	44.00	0.65	0.53	15.15		
	4th step	1.0	37.70	37.70	0.65	0.53	12.98		
			Tota	al earthwork i	in excaval	ion	64.91	Cu.m	
3	Earthback Filling								
	1st level	1.0		40.54		0.03	1.22		
	2nd level	1.0		35.73		0.18	6.43		
	3rd level	1.0		30.88 0.33		0.33	10.19		
	4th level	1.0		104.60		0.48	50.21		
	Total excavation	1.0		64.9	1		64.91		1 nos
	Deduction								
	Soling	-1.0		4.24	4		-4.24		
	PCC 1:3:6	-1.0		6.77	7		-6.77		
	Foundation wall	-1.0		25.4	3		-25.43		
				Total Fillin	g Work		96.52	Cu.m	
4	Brick/Boulder Soling								
4.1	Brick Soling							Sq.m	
	Foundation								
	1st step	1.0	56.50	56.50	0.45		25.42		
	2nd step	1.0	50.30	50.30	0.45		22.63		
	3rd step	1.0	44.00	44.00	0.45		19.80		
	4th step	1.0	37.70	37.70	0.45		16.96		
	above plinth								
	1st level	1.0		40.54			40.54		

DETAIL ESTIMATE (Flag central space)

				Measure	_				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	2nd level	1.0		35.73		_	35.73		
	3rd level	1.0		30.88			30.88		
	4th level	1.0		104.60			104.60		
				Total brick so	oling work		296.56	Sq.m	
7	Brick work								
7.1	Brick Masonry Works in 1:6 C/S mortar							Cu.m	
	Foundation								
	450 mm th wall								
	1st step	1.0	56.50	56.50	0.45	0.30	7.62		
	2nd step	1.0	50.30	50.30	0.45	0.30	6.79		
	3rd step	1.0	44.00	44.00	0.45	0.30	5.94		
	4th step	1.0	37.70	37.70	0.45	0.30	5.08		
	Above ground level								
	230 mm th wall								
	1st step	1.0	56.50	56.50	0.23	0.15	1.94		
	2nd step	1.0	50.30	50.30	0.23	0.30	3.47		
	3rd step	1.0	44.00	44.00	0.23	0.45	4.55		
	4th step	1.0	37.70	37.70	0.23	0.60	5.20		
	central part	1.0	6.30	6.30	0.23	0.60	0.86		
			Total 1	:6 stone work	upto plint	h level	41.45	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	Foundation								
	1st step	1.0	56.50	56.50	0.45	0.08	2.03		
	2nd step	1.0	50.30	50.30	0.45	0.08	1.81		
	3rd step	1.0	44.00	44.00	0.45	0.08	1.58		
	4th step	1.0	37.70	37.70	0.45	0.08	1.35		
				Total M10 (1	:3:6) PCC		6.77	Cu.m	
8.2	M15 (1:2:4)								
J.Z	above plinth								
	1st level	1.0		40.54		0.08	3.24		
	2nd level	1.0		35.73		0.08	2.86		
	3rd level	1.0		30.88		0.08	2.47		
	4th level	1.0		104.60		0.08	8.37		
	18 7 8			Total M15 (1	:2:4) PCC	2.00	16.94	Cu.m	
9	FORMWORKS								
	For PCC								

DETAIL ESTIMATE (Flag central space)

S.N	Description	Nos.		Measure	ment		Quantity	Unit	Remarks
3.N	Description	NOS.	Length	T.Length	Breadth	Height	Quantity	Unit	kemarks
	Sides for PCC work below foundation beam								
	Foundation								
	1st step	1.0	56.50	56.50		0.16	9.04		
	2nd step	1.0	50.30	50.30		0.16	8.04		
	3rd step	1.0	44.00	44.00		0.16	7.04		
	4th step	1.0	37.70	37.70		0.16	6.03		
				Total forn	nwork		30.15	Sq.m	
11	Flooring & Finishing Work								
11.1	Kotastone							Sq.m	
	whole area	1.0		255.00			255.00		
	steps riser								
	1st step	1.0	56.50	56.50		0.15	8.47		
	2nd step	1.0	50.30	50.30		0.15	7.54		
	3rd step	1.0	44.00	44.00		0.15	6.60		
	4th step	1.0	37.70	37.70		0.15	5.65		
	central area outer and inner	1.0	6.3	6.30		0.45	2.83		
			Total kotastone			286.09	Sqm		

Ghodaghodi Municipality

Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAIL ESTIMATE (Aarati sapce)

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	area	1.0	9.60	9.60	9.60		92.16		
			Т	otal Site Clea	rance Wo	rk	92.16	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of wall								
	1st step	3.0	10.00	30.00	1.70	0.53	27.03		
	Flower bed	3.0	19.40	58.20	0.65	0.53	20.04		
			Tot	al earthwork	in excava	tion	47.07	Cu.m	
3	Earthback Filling								
	top level			186.30		0.48	89.42		
	flower bed			9.70		0.60	17.46		
	Total excavation	1.0		47.0)7	I	47.07		
	Deduction								
	Soling			4.30			-4.30		
	PCC 1:3:6			6.8			-6.87		
	Foundation wall	-1.0		17.5	51		-17.51		
				Total Fillin	ig work		125.27	Cu.m	
4	Brick/Boulder Soling								
4.1	Brick Soling							Sq.m	
•••	Foundation							0 4	
	1st step	3.0	10.00	30.00	1.70		51.00		
	Flower bed		19.40	58.20	0.60		34.92		
	Above ground								
	top level			186.30			186.30		
	·			Total brick s	oling work		272.22	Sq.m	
								-	
7	Brick work								
7.1	Brick Masonry Works in 1:6 C/S mortar							Cu.m	
	Foundation								
	450 mm th wall								

DETAIL ESTIMATE (Aarati sapce)

				Measure					Remarks
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	
	1st step	3.0	10.00	30.00	1.50	0.30	13.50		
	Flower bed	3.0	19.40	58.20	0.23	0.30	4.01		
	Above ground level	0.0	17.10	00.20	0.20	0.00	1.01		
	steps								
	1st step	3.0	10.00	30.00	1.20	0.15	5.40		
	2nd step	3.0	10.00	30.00	0.90	0.15	4.05		
	3rd step	3.0	10.00	30.00	0.60	0.15	2.70		
	4th step	3.0	10.00	30.00	0.30	0.15	1.35		
	Flower bed	3.0	19.40	58.20	0.12	0.60	4.19		
			Total 1	:6 stone work	c upto plin	h level	35.20	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	Foundation								
	1st step	3.0	10.00	30.00	1.70	0.08	4.08		
	Flower bed	3.0	19.40	58.20	0.60	0.08	2.79		
				Total M10 (1	:3:6) PCC		6.87	Cu.m	
8.2	M15 (1:2:4)								
	above plinth								
	top level	1.0		186.30		0.08	14.90		
				Total M15 (1	14.90	Cu.m			
8.2	M20								
	flower bed								
	top level	3.0	19.40	58.20	0.12	0.08	0.55		
				Total M15 (1	:2:4) PCC		0.55	Cu.m	
9	FORMWORKS								
	For PCC								
	Sides for PCC work below foundation beam								
	Foundation								
	1st step		10.00	30.00		0.16	4.80		
	Flower bed	3.0	19.40	58.20		0.16	9.31		
	M20								
	flower bed								
	top level	3.0	19.40	58.20		0.16	9.31		
				Total forr	nwork		23.42	Sq.m	
9	Rebar								
	rebar (1%)	1.0	0.55			7850.00	43.18		
				Total re	ebar		43.18	kg	
11	Flooring & Finishing Work								
11.1	Kotastone							Sq.m	
	whole area	1.0		201.06			201.06		
	steps riser and tread								
	1st step	3.0	9.90	29.70		0.45	13.36		

DETAIL ESTIMATE (Aarati sapce)

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	2nd step	3.0	9.50	28.50		0.45	12.82		
	3rd step	3.0	9.20	27.60		0.45	12.42		
	4th step	3.0	8.90	26.70		0.45	12.01		
				Total kot	astone		251.67	Sqm	
11.2	Granite							Sq.m	
	flower bed								
	top level	3.0	19.4	58.20		0.22	12.80		
				Total gr	anite		12.80	Sqm	
11	Plaster work								
11.1	external plaster							Sq.m	
	Flower bed	3.0	19.4	58.20		1.06	61.69		
				Total plast	er work		61.69	Sqm	
11	Painting work								
11.1	Exterior paint							Sq.m	
	as per plaster work						61.69		
				Total extern	nal paint		61.69	Sqm	

Ghodaghodi Municipality

Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAIL ESTIMATE (Museum Plaza)

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	area	1.0		62.83			62.83		
			T	otal Site Clea	ırance Wo	rk	62.83	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of wall								
	Flower bed	1.0	150.00	150.00	0.43	0.43	27.73		
	stone	10.0	3.50	35.00	0.80	3.23	28.00		
			Tot	al earthwork	in excava	tion	27.73	Cu.m	
3	Earthback Filling								
	flower bed	1.0		200.00		0.60	120.00		
	Total excavation	1.0		27.7	' 3		27.73		
	Deduction								
	Soling				2.78 4.44		-2.78		
	PCC 1:3:6		4.44			-4.44			
	Foundation wall	-1.0	31.35				-31.35		
				Total Fillin	g Work		109.16	Cu.m	
4	Brick/Boulder Soling								
4.1	Brick Soling							Sq.m	
	Foundation								
	Flower bed		150.00	150.00	0.23		34.50		
	stone		3.50	35.00	0.60		21.00		
	Above ground								
	area	1.0		300.00			300.00		
				Total brick s	oling work		355.50	Sq.m	
5	Sand filling								
	Above ground								
	area	1.0		300.00		0.05	15.00		
				Total sand fi	lling work		15.00	cu.m	
6	Gravel filling							Sq.m	
	Above ground								

DETAIL ESTIMATE (Museum Plaza)

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	area	1.0		300.00		0.08	24.00		
				Total gravel	filling work	(24.00	cu.m	
7	Brick work								
7.1	Brick Masonry Works in 1:6 C/S mortar							Cu.m	
	Foundation								
	450 mm th wall								
	Flower bed	1.0	150.00	150.00	0.23	0.30	10.35		
	Above ground level								
	steps								
	Flower bed	1.0	150.00	150.00	0.12	0.45	8.10		
			Total 1	:6 brick work	upto plint	h level	18.45	Cu.m	
7	Stone work								·
	stone	10.0	3.50	35.00	0.60	1.00	21.00		
	stone	10.0	3.00	30.00	0.35	2.00	21.00		
-			Total 1	:6 stone work	upto plin	h level	42.00	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	Foundation								
	Flower bed		150.00	150.00	0.23	0.08	2.76		
	stone	10.0	3.50	35.00	0.60	0.08	1.68		
				Total M10 (1	:3:6) PCC		4.44	Cu.m	
	FORMWORKS								
	For PCC								
	Sides for PCC work below foundation beam								
	Foundation								
	Flower bed	1.0	150.00	150.00		0.16	24.00		
-				Total forr	nwork		24.00	Sq.m	
	Flooring & Finishing Work								
11.2	Granite							Sq.m	
	flowe bed top								
	Flower bed	1.0	150.0	150.00		0.17	25.50		
				Total gr	anite		25.50	Sqm	
	Plaster work								
11.1	external plaster	1.0	150.0	150.00		0.75	110.50	\$q.m	
	Flower bed	1.0	150.0	150.00		0.75	112.50		
11	Painting work			Total plast	er work		112.50	Sqm	
	Painting work Exterior paint							Sq.m	
11.1	as per plaster work						112.50	oq.m	
	as bei biasiei maik			Total exterr	l nal paint		112.50	Sqm	
				IOIGI EXIEII	.a. pann		112.50	əqiii	

Ghodaghodi Municipality

Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAIL ESTIMATE (Water pond)

				Measure	ement				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	area	1.0	1.0		586.00		586.00		
			Te	otal Site Clea	rance Wo	rk	586.00	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of wall								
	1st pond		56.60	56.60	0.85	0.43	20.68		
	2nd pond	1.0	58.50	58.50	0.85	0.43	21.38		
	3rd pond	1.0	58.10	58.10	0.85	0.43	21.23		
			Toto	al earthwork	in excava	tion	63.29	Cu.m	
3	Earthback Filling								
	Total excavation	1.0		63.2	29		63.29		1 nos
	Deduction								
	Soling	-1.0		5.6	3		-5.63		
	PCC 1:3:6	-1.0		9.0	0		-9.00		
	Foundation wall	vall -1.0		23.3	37		-23.37		
			1	Total Fillin	g Work		25.29	Cu.m	
4	Brick/Boulder Soling								
4.1	Brick Soling							Sq.m	
	Foundation wall		,						
	1st pond	1.0	56.60	56.60	0.65		36.79		
	2nd pond	1.0	58.50	58.50	0.65		38.02		
	3rd pond	1.0	58.10	58.10	0.65		37.76		
	floor								
	1st pond	1.0		107.76			107.76		
	2nd pond	1.0		132.30			132.30		
	3rd pond	1.0		116.70			116.70		
				Total brick s	oling work		469.33	Sq.m	
7	Brick work								
7.1	Brick Masonry Works in 1:6 C/S mortar							Cu.m	
	Foundation								
	450 mm th wall								

DETAIL ESTIMATE (Water pond)

				Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	1st pond	1.0	56.60	56.60	0.45	0.30	7.64		
	2nd pond	1.0	58.50	58.50	0.45	0.30	7.89		
	3rd pond	1.0	58.10	58.10	0.45	0.30	7.84		
	Above ground level								
	1st pond	1.0	56.60	56.60	0.23	0.53	6.89		
	2nd pond	1.0	58.50	58.50	0.23	0.53	7.13		
	3rd pond	1.0	58.10	58.10	0.23	0.53	7.08		
			Total 1	:6 stone work	upto plin	th level	44.47	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	Foundation								
	1st pond	1.0	56.60	56.60	0.65	0.08	2.94		
	2nd pond	1.0	58.50	58.50	0.65	0.08	3.04		
	3rd pond	1.0	58.10	58.10	0.65	0.08	3.02		
				Total M10 (1	:3:6) PCC		9.00	Cu.m	
8.2	M15 (1:2:4)								
	floor								
	1st pond	1.0		107.76		0.08	8.62		
	2nd pond	1.0		132.30		0.08	10.58		
	3rd pond	1.0		116.70		0.08	9.34		
				Total M15 (1	:2:4) PCC	1	28.54	Cu.m	
8.2	M20								
	pond top sill band								
	1st pond	1.0	56.6	56.60	0.23	0.08	1.04		
	2nd pond	1.0	58.5	58.50	0.23	0.08	1.07		
	3rd pond	1.0	58.1	58.10	0.23	0.08	1.06		
				Total I	M20	I.	3.17	Cu.m	
9	FORMWORKS								
	For PCC								
	Sides for PCC work below foundation beam								
	Foundation								
	1st pond	1.0	56.60	56.60		0.16	9.05		
	2nd pond	1.0	58.50	58.50		0.16	9.36		
	3rd pond	1.0	58.10	58.10		0.16	9.29		
	M20	1.0	00.10	00.10		0.10	7.27		
	pond top sill band								
	1st pond	1.0	56.60	56.60		0.16	9.05		
	2nd pond	1.0	58.50	58.50		0.16	9.36		
	3rd pond	1.0	58.10	58.10		0.16	9.29		
	sia polia	1.0	50.10	Total forr	nwork	0.10	55.40	\$q.m	
9	Rebar			TOTAL TOTAL	IIWOIK		33.40	3 4 .111	
7		1.0	3.17			7850.00	248.85		
	rebar (1%)	1.U	3.1/			/030.00	∠48.85		

DETAIL ESTIMATE (Water pond)

CNI	Donasta Hara	NI.		Measure	ement		0	1111	Dl
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
				Total re	ebar	-	248.85	kg	
11	Flooring & Finishing Work								
11.1	Tile							Sq.m	
	Floor area								
	whole area	1.0		107.76			107.76		
	whole area	1.0		132.30			132.30		
	whole area	1.0		116.70			116.70		
	inside wall								
	1st pond	1.0	56.60	56.60		0.61	34.52		
	2nd pond	1.0	58.50	58.50		0.61	35.68		
	3rd pond	1.0	58.10	58.10		0.61	35.44		
				Total	tile		462.40	Sqm	
11.2	Granite								
	pond top sill band								
	1st pond	1.0	56.6	56.60		0.33	18.67		
	2nd pond	1.0	58.5	58.50		0.33	19.30		
	3rd pond	1.0	58.1	58.10		0.33	19.17		
				Total gr	anite		57.14	Sqm	
11	Plaster work								
11.1	external plaster							Sq.m	
	1st pond	1.0	56.60	56.60		0.61	34.52		
	2nd pond	1.0	58.50	58.50		0.61	35.68		
	3rd pond	1.0	58.10	58.10		0.61	35.44		
				Total plast	er work		105.64	Sqm	
11	Painting work								
11.1	Exterior paint							Sq.m	
	as per plaster work						105.64		
				Total extern	nal paint		105.64	Sqm	

Ghodaghodi Municipality Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

				Measurer	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For building	1.00	6.00	6.00	6.00		36.00		
			-	Total Site Clear	ance Worl	<	36.00	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of column								
	Post	9.00	0.80	7.20	0.80	0.83	4.78		
	For Foundation Beam								
	Along Grid A-A	1.00	4.52	4.52	0.43	0.53	1.03		
	Along Grid B-B	1.00	4.52	4.52	0.43	0.53	1.03		
	Along Grid C-C	1.00	4.52	4.52	0.43	0.53	1.03		
	Along Grid 1-1	1.00	4.52	4.52	0.43	0.53	1.03		
	Along Grid 3-3	1.00	4.52	4.52	0.43	0.53	1.03		
			To	tal earthwork in	n excavati	ion	9.93	Cu.m	
3	Earthback Filling								
	Total excavation	1		9.93	-	•	9.93		1 nos
	Deduction								
	Soling	-1		2.31		-2.31			
	PCC 1:3:6	-1		0.86			-0.86		
				Total Filling	Work		6.76	Cu.m	
4	Brick/Boulder Soling								
4.1	Brick Soling							Sq.m	
	Floor								
	Entry Porch	1.00	22.46	22.46	0.61		13.70		
	Room	1.00	5.01	5.01	5.01		25.10		
	centre sitting	1.00	1.50	1.50	1.50		2.25		
				Total stone so	ling work		41.05	Sq.m	
4.2	Boulder Soling								
	Below Foundation of wall								
	Post	9.00	0.80	7.20	0.80	0.15	0.86		
	Along Grid A-A	1.00	4.55	4.55	0.43	0.15	0.29		
	Along Grid B-B	1.00	4.55	4.55	0.43	0.15	0.29		
	Along Grid C-C	1.00	4.55	4.55	0.43	0.15	0.29		
	Along Grid 1-1	1.00	4.55	4.55	0.43	0.15	0.29		
	Along Grid 3-3	1.00	4.55	4.55	0.43	0.15	0.29		
				Total stone so	ling work		2.31	Cu.m	

	Danada Para	N		Measurer	ment		0	He u	D
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
7	Brickwork								
7.1	Brick Masonry Works in 1:6 C/S mortar							Cu.m	
	Upto Plinth Level								
	Along Grid A-A	1.00	4.55	4.55	0.23	0.45	0.47		
	Along Grid B-B	1.00	4.55	4.55	0.23	0.45	0.47		
	Along Grid C-C	1.00	4.55	4.55	0.23	0.45	0.47		
	Along Grid 1-1	1.00	4.55	4.55	0.23	0.45	0.47		
	Along Grid 3-3	1.00	4.55	4.55	0.23	0.45	0.47		
			То	tal 1:6 B/W upt	o plinth le	vel	2.35	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	Below Foundation wall								
	Post	9.00	0.80	7.20	0.80	0.08	0.46		
	Along Grid A-A	1.00	4.55	4.55	0.23	0.08	0.08		
	Along Grid B-B	1.00	4.55	4.55	0.23	0.08	0.08		
	Along Grid C-C	1.00	4.55	4.55	0.23	0.08	0.08		
	Along Grid 1-1	1.00	4.55	4.55	0.23	0.08	0.08		
	Along Grid 3-3	1.00	4.55	4.55	0.23	0.08	0.08		
				Total M10 (1:	3:6) PCC		0.86	Cu.m	
8.2	M15 (1:2:4)								
0.2	Floor								
	Entry Porch	1.00	22.46	22.46	0.61	0.08	1.09		
	Room	1.00	5.01	5.01	5.01	0.08	2.00		
	centre sitting area	1.00	1.50	1.50	1.50	0.08	0.18		
				Total M15 (1:	2:4) PCC		3.27	Cu.m	
8.3	M20 (1:1.5:3) post foundation	9.00	0.60	5.40	0.60	0.30	0.97		
	post pedestal		0.30	2.70	0.30	0.60	0.48		
	For Top Tie Beam	7.00	0.00	2.70	0.00	0.00	0.10		
	Along Grid A-A	1.00	4.55	4.55	0.23	0.15	0.15		
	Along Grid A-A		4.55	4.55	0.23	0.15	0.15		
	Along Grid C-C		4.55	4.55	0.23	0.15	0.15		
	Along Grid 1-1		4.55	4.55	0.23	0.15	0.15		
	Along Grid 3-3		4.55	4.55	0.23	0.15	0.15		
	Along Glid 3-3	1.00	4.33	Total RCC		0.13	2.20	Cu.m	
9	FORMWORKS								
	post foundation	9.00	2.40	21.60		0.30	6.48		
	post pedestal	9.00	1.20	10.80		0.60	6.48		
	For Top Tie Beam								
	Along Grid A-A	1.00	4.55	4.55		0.15	0.68		2 sides
-	Along Grid B-B	1.00	4.55	4.55	1	0.15	0.68		

	-			E (Pavillion) Measurer	mont			l	
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid C-C	1.00			bieddiii	_	0.79		
		1.00	4.55 4.55	4.55 4.55		0.15	0.68		
	Along Grid 1-1						0.68		
	Along Grid 3-3	1.00	4.55	4.55		0.15	0.68		
							16.36	Sq.m	
	For PCC								
	Sides for PCC work below foundation beam								
	Along Grid A-A	1.00	4.55	4.55		0.15	0.68		
	Along Grid B-B	1.00	4.55	4.55		0.15	0.68		
	Along Grid C-C	1.00	4.55	4.55		0.15	0.68		
	Along Grid 1-1	1.00	4.55	4.55		0.15	0.68		
	Along Grid 3-3	1.00	4.55	4.55		0.15	0.68		
				Total formwor	k for PCC		3.40	Sq.m	
				Total form	work		19.76	Sq.m	
10	REINFORCEMENT							Kg	
	Reinforcement(1.5%)	1.50		2.20			259.05		
		1100		Total reinforce		:	259.05	Kg	
								9	
11	Flooring & Finishing Work								
••									
11.1	50 mm thick P.C.C. in (1:2:4) with cement punning (1:1) for roof treatment work.							Sq.m	
	Entry Porch	1.00	22.46	22.46	0.60		13.47		
	Room	1.00	5.01	5.01	5.01		25.10		
			Total	50mm PCC wit	h punning	work	38.57	Sqm	
12	PLASTERING WORKS								
12.1	12.5mm thick cement plaster in (1:4) in External Wall etc							\$q.m	
	Upto Plinth level								
	Upto Plinth	1.00	24.90	24.90		0.30	7.47		
	centre area wall	1.00	6.00	6.00		1.00	6.00	Sq.m	
				Total 1:4 exter	nal plaster		13.47	Sq.m	
13	COLOURING /PAINTING WORKS								
13.1	EXTERIOR WEATHERCOAT PAINT								
	Total external wall paint			As per inner pl	aster work		13.47		
				Total weather	coat paint		13.47	Sq.m	
14	ROOFING WORK								
	UPVC sheet							Sq.m	
	Roof cover	1.00	6.40	6.40	6.40		40.96		
				Total UPVC			40.96	Sq.m	
14.2	UPVC ridge cover							Rm	
	Roof cover	2.00	8.80	17.60			17.60		
	KOOI COVEI	2.00	5.50	Total ridge	cover		17.60	Rm	
				.o.a. nage	20161		17.00	MIII	

S.N	Description	Nos.		Measurer	nent		Quantity	Unit	Remarks
3.14	Description	NOS.	Length	T.Length	Breadth	Height	Quantily		Kemarks
15	ROOF TRUSS								
	Ground Floor (Roof cover)								
	6" SHS Post	9.00	2.85	25.65	22.26		570.96		
	Truss	1.00		491.52			491.52		
			1	otal MS pipe fo	or roof trus	S	1062.48	Kg	

Ghodaghodi Municipality Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAIL ESTIMATE (Main Gate)

	Danaria II	Nes		Measurem	ent		0.10-11	lle#	Dem
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remark
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For main gate	1.00	16.80	16.80	3.70		62.16		
				Total Site Cleara	nce Work		62.16	Sq.m	
2	Earthwork in Excavation								
	Raft 1	2.00	4.80	9.60	3.70	1.73	61.44		
	Raft 2	1.00	3.50	3.50	3.70	1.73	22.40		
	Foundation beam	1.00	31.20	31.20	0.63	1.73	34.00		
			Ţ	otal earthwork in	excavatio	n	117.84	Cu.m	
3	Earthback Filling								
	Filling Upto Ground Level								
	For Footing of column								
	Total excavation						117.84		
	Deduction for pcc	-1.00		3.96		1	-3.96		
	Deduction for soling			7.45			-7.45		
	Deduction for wall	-1.00		5.02			-5.02		
	Deduction for RCC footing	-1.00	13.06				-13.06		
	Deduction for Column and wall	-1.00				-2.24			
				Total filling work				Cu.m	
4	Boulder Soling								
	Raft 1	2.00	4.60	9.20	3.50	0.15	4.83		
	Raft 2	1.00	3.30	3.30	3.50	0.15	1.73		
	Foundation beam	1.00	13.80	13.80	0.43	0.15	0.89		
				Total Stone s			7.45	Cu.m	
5	1:6 brick work								
•	Foundation								
	wall footing for tie beam	1.00	31.20	31.20	0.23	0.70	5.02		
	dii 100 iii ig 101 ii 0 00 diii			Total 1:6 half br		1 - " "	5.02	Cu.m	
6	1:4 brick work								
	Wall	12.00	1.00	12.00	0.12	5.00	7.20		
				Total 1:4 half br	ick work		7.20	Cu.m	
6	PCC and RCC Work								
5.1	M10 (1:3:6)								
	Raft 1	2.00	4.60	9.20	3.50	0.08	2.57		

DETAIL ESTIMATE (Main Gate)

N	Description	Nos.		Measurem	ent		Quantity	Unit	Remo
.14	Description	1403.	Length	T.Length	Breadth	Height	Quality	Oilli	Kenn
	Raft 2	1.00	3.30	3.30	3.50	0.08	0.92		
	Foundation beam	1.00	13.80	13.80	0.43	0.08	0.47		
			'	Total M15 (1:3	:6) PCC		3.96	Cu.m	
5.2	M20 (1:1.5:3)								
	For Column footing								
	Raft								
	Raft 1	2.00	4.40	8.80	3.30	0.45	13.06		
	Raft 2	1.00	3.10	3.10	3.30	0.45	4.60		
							13.06	Cu.m	
	Column								
	Column	12.00	0.50	6.00	0.50	6.55	19.65		
							19.65	Cu.m	
	Beam								
	Foundation beam	1.00	13.80	13.80	0.23	0.36	1.14		
	Tie beam		31.20	31.20	0.23	0.36	2.58		
	Top beam		31.20	31.20	0.30	0.45	4.21		
			=				7.93	Cu.m	
	Slab						1 1112		
	Area	1.00	18.00	18.00	6.50	0.13	15.21		
	7.00		10.00		0.00	00	15.21	Cu.m	
				Total RCC v	vork		55.85	Cu.m	
					I		00.00		
7	Formwork/Centering								
	PCC								
	Raft 1	2.00	18.40	36.80		0.08	2.94		
	Raft 2		13.20	13.20		0.08	1.05		
	Foundation beam		55.20	55.20		0.08	4.41		
	RCC								
	Raft 1	2.00	17.60	35.20		0.45	15.84		
	Raft 2		12.40	12.40		0.45	5.58		
	Column		2.00	24.00	 	6.55	157.20		
	Foundation beam		13.80	13.80	<u> </u>	0.72	9.93		
	Tie beam		31.20	31.20	1	0.72	22.46		
	Top beam		31.20	31.20		1.20	37.44		
			0	2.120	1	1.20			
	Slab	1.00	19.80	19.80	1	7.15	141.57		
	Sidb		. 7 .50	Total formy	vork	1 /	398.42	Sq.m	
					<u> </u>		370.72	V4.111	
8	REINFORCEMENT				 		1		
_	Reinforcement (2%)	2.00		55.85	1		8768.45		
				Total reinforcem	nent work		8768.45	Kg	
							0,00.43	νA	
9	Plastering work								
	12mm thick cement plaster in (1:4) in				 				
9.1	External Wall etc							Sq.m	

DETAIL ESTIMATE (Main Gate)

c Ni	Description	Nas		Measurem	ent		O	11	Dama audea
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Around wall	6.00	5.20	31.20		5.50	171.60		
	Beam	1.00	31.20	31.20		1.20	37.44		
	Slab	1.00	19.80	19.80		7.15	141.57		
				Total external	plaster		350.61	Sq.m	
9	Finishing								
9.1	Clad work							Sq.m	
	Around wall	6.00	5.20	31.20		2.90	90.48		
				Total clad v	work		90.48	Sq.m	
10	Painting work								
10.1	Weather coat paint two coat with one coat primer							Sq.m	
	as per plaster						350.61		
				Total weather c	oat paint	1	350.61	\$q.m	
10.1	Enamel paint							Sq.m	
	as per gate						55.64		
				Total ename	l paint	1	55.64	Sq.m	
12	woodens truts								
	Around column	12.00	1.00	12.00	0.10	0.10	0.12		
				Total strut v	vork		0.12	Cu.m	
15	ROOFING WORK								
9.1	slate work							Sq.m	
	slab	1.00	19.80	19.80		7.15	141.57		
				Total slate v	work	1	141.57	Sq.m	
16	Main gate								
	gate	1.00	10.70	10.70		2.60	27.82		
				Total ga	te		27.82	Sq.m	

Ghodaghodi Municipality Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

				Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For building	1.00	11.00	11.00	8.00		88.00		
			Te	otal Site Clea	rance Wor	k	88.00	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of column								
	FI	4.00	1.70	6.80	1.70	1.73	19.99		
	F2	2.00	2.00	4.00	2.00	1.73	13.84		
	For Foundation Beam								
	Along Grid A-A	1.00	2.09	2.09	0.43	1.38	1.24		
	Along Grid B-B	1.00	2.09	2.09	0.43	1.38	1.24		
	Along Grid C-C	1.00	2.09	2.09	0.43	1.38	1.24		
	Along Grid 1-1	1.00	3.03	3.03	0.43	1.38	1.79		
	Along Grid 2-2	1.00	3.03	3.03	0.43	1.38	1.79		
	Drain Around Building	1.00	18.90	18.90	0.69	0.46	5.99		
	Apron	1.00	16.77	16.77	0.67	0.23	2.58		
	Entry porch staircase	1.00	4.63	4.63	0.60	0.83	2.30		
	Ramp	1.00	4.50	4.50	0.60	0.83	2.24		
			Toto	al earthwork i	in excavat	ion	54.24	Cu.m	
3	Earthback Filling								
	Filling Upto Ground Level								
	For Footing of column								
	F1	4.00	1.70	6.80	1.70	1.73	19.99		
	F2	2.00	2.00	4.00	2.00	1.73	13.84		
	For Foundation Beam								
	Along Grid A-A	1.00	2.09	2.09	0.43	1.38	1.24		
	Along Grid B-B	1.00	1.79	1.79	0.43	1.38	1.06		
	Along Grid C-C	1.00	2.09	2.09	0.43	1.38	1.24		
	Along Grid 1-1	1.00	3.03	3.03	0.43	1.38	1.79		
	Along Grid 2-2	1.00	3.03	3.03	0.43	1.38	1.79		
	Filling in floor								
	Room between Grid A-A and B-B	1.00	3.56	3.56	2.41	0.18	1.54		
	Room between Grid B-B and C-C	1.00	3.56	3.56	3.89	0.18	2.49		
	Rectangular Section								
	F1	-4.00	1.50	-6.00	1.50	0.18	-1.62		
	F2	-2.00	1.80	-3.60	1.80	0.18	-1.16		
	Trapezoidal Section								
	F1	-4.00	1.50	-6.00	0.30	0.18	-0.84		

	-		TIMATE (Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	F2	-2.00	1.80	-3.60	0.30	0.18	-0.58		
	Deduction for soling portion	2.00	1,00	0.00	0.00	0.10	0.00		
	For Footing of column								
	- F1	-4.00	1.70	-6.80	1.70	0.15	-1.73		
	F2	-2.00	2.00	-4.00	2.00	0.15	-1.20		
	Below Foundation beam	2.00	2.00	1.00	2.00	0.10	1.20		
	Along Grid A-A	-1.00	2.09	-2.09	0.43	0.15	-0.13		
	Along Grid B-B	-1.00	1.79	-1.79	0.43	0.15	-0.11		
	Along Grid C-C	-1.00	2.09	-2.09	0.43	0.15	-0.13		
	Along Grid 1-1	-1.00	3.03	-3.03	0.43	0.15	-0.19		
	Along Grid 2-2	-1.00	3.03	-3.03	0.43	0.15	-0.17		
	Deduction for PCC portion	-1.00	3.03	-0.00	0.40	0.13	-0.17		
	For Footing of column								
	F1	-4.00	1.70	-6.80	1.70	0.08	-0.92		
	F2	-2.00				0.08	-0.92		
		-2.00	2.00	-4.00	2.00	υ.υδ	-0.04		
	Below Foundation beam Along Grid A-A	-1.00	2.09	-2.09	0.43	0.08	-0.07		
	Along Grid B-B	-1.00	1.79	-1.79	0.43	0.08	-0.06		
	Along Grid C-C	-1.00	2.09	-2.09	0.43	0.08	-0.07		
	Along Grid 1-1	-1.00	3.03	-3.03	0.43	0.08	-0.10		
	Along Grid 2-2	-1.00	3.03	-3.03	0.43	0.08	-0.10		
	Deduction For Foundation Beam and wall								
	Along Grid A-A	-1.00	3.49	-3.49	0.23	1.15	-0.92		
	Along Grid B-B	-1.00	3.49	-3.49	0.23	1.15	-0.92		
	Along Grid C-C	-1.00	3.49	-3.49	0.23	1.15	-0.92		
	Along Grid 1-1	-1.00	6.13	-6.13	0.23	1.15	-1.62		
	Along Grid 2-2	-1.00	6.13	-6.13	0.23	1.15	-1.62		
	Deduction For Column upto GL								
	C1(300*300) at footing depth 350mm	-6.00	0.30	-1.80	0.30	1.15	-0.62		
				Total Filling	g Work		28.52	Cu.m	
	Brick/Boulder Soling							_	
4.1	Brick Soling							\$q.m	
	Floor	1.00	0.51	0.57	0.47		0.55		
	Room between Grid A-A and B-B	1.00	3.56	3.56	2.41		8.57		
	Room between Grid B-B and C-C	1.00	3.56	3.56	3.89		13.84		
	Entry porch	1.00	2.21	2.21	1.17		2.58		
	Ramp	1.00	3.05	3.05	1.00		3.05		
				Total brick so	ling work	1	28.04	\$q.m	
4.5									
4.2	Boulder Soling								
	For Footing of column								
	F1	4.00	1.70	6.80	1.70	0.15	1.73		
	F2	2.00	2.00	4.00	2.00	0.15	1.20		
	Below Foundation beam								
	Along Grid A-A	1.00	2.09	2.09	0.43	0.15	0.13		

	-		TIMATE (Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid B-B	1.00	1.79	1.79	0.43	0.15	0.11		
	Along Grid C-C	1.00	2.09	2.09	0.43	0.15	0.13		
	Along Grid 1-1	1.00	3.03	3.03	0.43	0.15	0.19		
	Along Grid 2-2	1.00	3.03	3.03	0.43	0.15	0.17		
	Foundation	1.00	3.03	3.03	0.43	0.13	0.17		
	Drain Around Building	1.00	18.90	18.90	0.69	0.15	1.95		
	Apron	1.00	16.77	16.77	0.67	0.15	1.68		
	Entry porch staircase	1.00	4.63	4.63	0.60	0.15	0.41		
	Ramp	1.00	4.50	4.50	0.60	0.15	0.40		
		1.00	4.50	4.50	0.00	0.13	0.40		
				Total stone so	olina work		8.12	Cu.m	
				Total stolle st	Janig Work		0.12	C0.111	
7	Brickwork								
7.1	Brick Masonry Works in 1:6 C/S mortar							Cu.m	
,,,	Upto Plinth Level							55	
	Along Grid A-A	1.00	3.49	3.49	0.23	1.00	0.80		
	Along Grid B-B	1.00	3.49	3.49	0.23	1.00	0.80		
	Along Grid C-C	1.00	3.49	3.49	0.23	1.00	0.80		
	Along Grid 1-1	1.00	6.13	6.13	0.23	1.00	1.40		5.58
	Along Grid 2-2	1.00	6.13	6.13	0.23	1.00	1.40		0.00
	Entry porch staircase	1.00	0.10	0.10	0.20	1.00	1.10		
	Step I	1.00	4.63	4.63	0.23	0.30	0.31		
	Step II	1.00	4.63	4.63	0.23	0.15	0.15		
	Drain Around Building	2.00	18.90	37.80	0.23	0.23	1.99		
	Ramp	2.00	10.70	07.00	0.20	0.20	1.77		
	· ·	1.00	4.50	4.50	0.23	0.30	0.31		
		1.00	1.00	1.00	0.20	0.00	0.01		
	Ground Floor								
	9" wall								
	Along Grid A-A	1.00	3.49	3.49	0.23	2.77	2.22		
	Along Grid C-C	1.00	3.49	3.49	0.23	2.77	2.22		
	Along Grid 1-1	1.00	6.13	6.13	0.23	3.54	4.99		
	Along Grid 2-2	1.00	4.51	4.51	0.23	3.54	3.67		
	Gable wall	2.00	8.87	17.74	0.23	0.80	3.26		
	Deduction for openings								
	V1(700*900)	-5.00	0.70	-3.50	0.23	0.90	-0.72		
	V2(1200*900)	-1.00	1.20	-1.20	0.23	0.90	-0.24		
				tal 1:6 B/W u			23.36	Cu.m	
							-		
7.2	Brick Works (1:4c/s) mortar							Cu.m	
	Ground Floor								
	4"' wall								
	Partition wall seperating male and female toilet	1.00	6.50	6.50	0.12	2.85	2.22		
	Partion wall of male toilet	1.00	6.15	6.15	0.12	2.85	2.10		
	Partion wall of female toilet	1.00	3.61	3.61	0.12	2.85	1.23		
	Deduction for openings								

	-		TIMATE (
S.N	Description	Nos.	Length	Measure T.Length		Height	Quantity	Unit	Remarks
	D1(750*2100)	3.00					0.5/		
	D2(900*2100)	-3.00	0.75	-2.25	0.12	2.10	-0.56		
	D3(1000*2100)	-2.00	0.90	-1.80	0.12	2.10	-0.45		
	D3(1000 2100)	-2.00	1.00	-2.00	0.12	2.10	-0.50		
				Total 1:4 B/W	Drick Work	[4.04	Cu.m	
_									
-	PCC and RCC Work								
	M10 (1:3:6)								
	Foundation								
	For Footing of column								
	F1	4.00	1.70	6.80	1.70	0.08	0.92		
	F2	2.00	2.00	4.00	2.00	0.08	0.64		
	Below Foundation beam						0.00		
	Along Grid A-A	1.00	2.09	2.09	0.43	0.08	0.07		
	Along Grid B-B	1.00	1.79	1.79	0.43	0.08	0.06		
	Along Grid C-C	1.00	2.09	2.09	0.43	0.08	0.07		
	Along Grid 1-1	1.00	3.03	3.03	0.43	0.08	0.10		
	Along Grid 2-2	1.00	3.03	3.03	0.43	0.08	0.10		
	Foundation						0.00		
	Entry porch staircase	1.00	4.63	4.63	0.60	0.08	0.22		
	Ramp	1.00	4.50	4.50	0.60	0.08	0.21		
	Drain Around Building	1.00	4.63	4.63	0.69	0.08	0.25		
	Apron	1.00	18.90	18.90	0.67	0.08	1.01		
				Total M10 (1	:3:6) PCC		3.65	Cu.m	
8.2	M15 (1:2:4)								
	Floor								
	Room between Grid A-A and B-B	1.00	3.56	3.56	2.41	0.08	0.68		
	Room between Grid B-B and C-C	1.00	3.56	3.56	3.89	0.08	1.10		
	Entry porch	1.00	2.21	2.21	1.17	0.08	0.20		
	Ramp	1.00	3.05	3.05	1.00	0.08	0.24		
				Total M15 (1			2.22	Cu.m	
8.3	M20 (1:1.5:3)			(1	,			-	
	For Column footing								
	Rectangular Section								
	F1	4.00	1.50	6.00	1.50	0.18	1.62		
	F2	2.00	1.80	3.60	1.80	0.18	1.16		
	Trapezoidal Section	2.00	1.00	3.60	1.00	0.10	1.10		
	FI	4.00	1.50	4.00	0.30	0.18	0.30		
			<u> </u>	6.00	0.30		0.32		
	F2	2.00	1.80	3.60	0.30	0.18	0.19	C.,	
	Colonia		1	Total RCC fo	n tooting		3.29	Cu.m	
	Column		-						
	For Column upto Top Tie Beam		0.05		0.05	1 /-	0.01		
	Column (300*300)	6.00	0.30	1.80	0.30	1.60	0.86	_	
							0.86	Cu.m	
	Ground Floor								
	Column (300*300)	6.00	0.30	1.80	0.30	3.15	1.70		
							1.70	Cu.m	

				Measure	ment				
.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
				Total RCC fo		- 3	2.56	Cu.m	
	Beam							-	
	For Foundation Beam								
	Along Grid A-A	1.00	3.49	3.49	0.23	0.30	0.24		
	Along Grid B-B	1.00	3.49	3.49	0.23	0.30	0.24		
	Along Grid C-C	1.00	3.49	3.49	0.23	0.30	0.24		
	Along Grid 1-1	1.00	6.13	6.13	0.23	0.30	0.42		
	Along Grid 2-2	1.00	6.13	6.13	0.23	0.30	0.42		
							1.56	Cu.m	
	For Top Tie Beam								
	Along Grid A-A	1.00	3.49	3.49	0.23	0.30	0.24		
	Along Grid B-B	1.00	3.49	3.49	0.23	0.30	0.24		
	Along Grid C-C	1.00	3.49	3.49	0.23	0.30	0.24		
	Along Grid 1-1	1.00	6.13	6.13	0.23	0.30	0.42		
	Along Grid 2-2	1.00	6.13	6.13	0.23	0.30	0.42		
	7 16/1g 6/10 2 2	1.00	0.10	0.10	0.20	0.00	1.56	Cu.m	
							1.50	CO	
	Ground Floor								
	Main Beam								
	Along Grid A-A	1.00	5.29	5.29	0.23	0.36	0.43		
	Along Grid B-B	1.00	5.29	5.29	0.23	0.36	0.43		
	Along Grid C-C	1.00	5.29	5.29	0.23	0.36	0.43		
	Along Grid 1-1	1.00	7.93	7.93	0.23	0.36	0.65		
	Along Grid 2-2	1.00	7.73	7.73	0.23	0.36	0.65		
	Inclined beam	2.00	4.73	9.46	0.23	0.23	0.50		
	inclined bearing	2.00	4.75	7.40	0.23	0.20	3.09	Cu.m	
				Total RCC fo	or heam		6.21	Cu.m	
	Slab			TOTAL ROOT	or beam		0.21	00.111	
	Ground Floor								
	Entire blocks slab	1.00	5.92	5.92	9.45	0.13	7.27		
	ETHIC BIOCKS SIGB	1.00	5.72	Total RCC		0.13	7.27	Cu.m	
				101011100	101 3145		7.27	C0.111	
	Sill band								
	Ground Floor								
-	9" wall								
-	Along Grid A-A	1.00	3.49	3.49	0.23	0.08	0.06		
	Along Grid A-A Along Grid C-C	1.00	3.49	3.49	0.23	0.08	0.06		
	Along Grid 1-1	1.00	6.13	6.13	0.23	0.08	0.06		
	Along Grid 1-1 Along Grid 2-2	1.00	4.51	4.51	0.23	0.08	0.08		
	4" wall	1.00	4.01	4.31	0.23	0.00	0.00		
	Partition wall seperating male and femele toilet	1.00	6.50	6.50	0.12	0.08	0.06		
	Partion wall of male toilet	1.00	6.15	6.15	0.12	0.08	0.05		
	Partion wall of female toilet	1.00	3.61	3.61	0.12	0.08	0.03		
	Deduction for openings								
	D1(750*2100)	-5.00	0.75	-3.75	0.12	0.08	-0.03		
	D2(900*2100)	-2.00	0.90	-1.80	0.12	0.08	-0.01	1	

				Measure	ment				_
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
			j	Total RCC for		Ū	0.41	Cu.m	
	Lintel band								
	Ground Floor								
	9" wall								
	Along Grid A-A	1.00	3.49	3.49	0.23	0.15	0.12		
	Along Grid C-C	1.00	3.49	3.49	0.23	0.15	0.12		
	Along Grid 1-1	1.00	6.13	6.13	0.23	0.15	0.21		
	Along Grid 2-2	1.00	4.51	4.51	0.23	0.15	0.15		
	4" wall								
	Partition wall seperating male and femele toilet	1.00	6.50	6.50	0.12	0.15	0.11		
	Partion wall of male toilet	1.00	6.15	6.15	0.12	0.15	0.11		
	Partion wall of female toilet	1.00	3.61	3.61	0.12	0.15	0.06		
				Total RCC for	lintel band		0.88	Cu.m	
				Total RCC	work		20.62	Cu.m	
9	FORMWORKS								
	For column								
	For Column upto Top Tie Beam								
	Column (300*300)	6.00	1.20	7.20		1.60	11.52		
							11.52	Sq.m	
	Ground Floor								
	Column (300*300)	6.00	2.00	12.00		3.15	37.80		
							37.80	Sq.m	
			Te	otal formwork	for colum	n	49.32	Sq.m	
	For Beam								
	For Foundation Beam								
	Along Grid A-A	2.00	3.49	6.98		0.30	2.09		2 sides
	Along Grid B-B	2.00	3.49	6.98		0.36	2.51		
	Along Grid C-C	2.00	3.49	6.98		0.36	2.51		
	Along Grid 1-1	2.00	6.13	12.26		0.36	4.41		
	Along Grid 2-2	2.00	6.13	12.26		0.36	4.41	_	
							15.93	\$q.m	
	For Top Tie Beam	0.00	2.40	/ 00		0.00	0.00		0 41-1-
	Along Grid A-A	2.00	3.49	6.98		0.30	2.09		2 sides
	Along Grid B-B	2.00	3.49	6.98		0.36	2.51		
	Along Grid C-C	2.00	3.49	6.98		0.36	2.51		
	Along Grid 1-1	2.00	6.13	12.26		0.36	4.41		
	Along Grid 2-2	2.00	6.13	12.26		0.36	4.41	Car	
							15.93	Sq.m	
	Ground Floor								
	Main Beam								
	Along Grid A-A	1.00	5.29	5.29		0.94	4.97		
	Along Grid B-B	1.00	5.29	5.29		0.94	4.97		

.N	Description	Nos.	Length	Measure T.Length	Breadth	Height	Quantity	Unit	Remark
	Along Grid 1-1	1.00	7.93	7.93		0.94	7.45		
	Along Grid 2-2	1.00	7.93	7.93		0.94	7.45		
	Inclined beam	2.00	4.73	9.46		0.69	6.52		
							36.33	Sq.m	
			1	otal formwor	k for beam)	68.19	Sq.m	
	For Footing								
	Sides For PCC Column footing								
	FI	4.00	6.80	27.20		0.08	2.17		
	F2	2.00	8.00	16.00		0.08	1.28		
	Sides For Column footing								
	FI	2.00	6.00	12.00		0.18	2.16		
	F2	3.00	7.20	21.60		0.18	3.88		
			T	otal formwork	for footing	9	9.49	Sq.m	
	For PCC								
	Sides for PCC work below foundation beam								
	Along Grid A-A	1.00	2.09	2.09		0.15	0.31		
	Along Grid B-B	1.00	1.79	1.79		0.15	0.26		
	Along Grid C-C	1.00	2.09	2.09		0.15	0.31		
	Along Grid 1-1	1.00	3.03	3.03		0.15	0.45		
	Along Grid 2-2	1.00	3.03	3.03		0.15	0.45		
				Total formwo	rk for PCC		1.78	Sq.m	
	For Slab								
	Ground Floor								
	Entire blocks slab	1.00	5.92	5.92	9.45		55.94		
	Sides	1.00	30.74	30.74		0.13	3.99		
				Total formwo	rk for slab		59.93	Sq.m	
	For Sill band								
	Ground Floor								
	9" wall								
	Along Grid A-A	1.00	3.49	3.49		0.15	0.52		
	Along Grid C-C	1.00	3.49	3.49		0.15	0.52		
	Along Grid 1-1	1.00	6.13	6.13		0.15	0.91		
	Along Grid 2-2	1.00	4.51	4.51		0.15	0.67		
	4" wall								
	Partition wall seperating male and femele toilet	1.00	6.50	6.50		0.15	0.97		
	Partion wall of male toilet	1.00	6.15	6.15		0.15	0.92		
	Partion wall of female toilet	1.00	3.61	3.61		0.15	0.54		
	Deduction for openings								
	D1(750*2100)	-5.00	0.75	-3.75		0.15	-0.56		
	D2(900*2100)	-2.00	0.90	-1.80		0.15	-0.27		
				otal formwork	for sill ban	d	4.22	Sq.m	
	For Lintel band								
	Ground Floor								
	9" wall								
	Along Grid A-A	1.00	3.49	3.49		0.30	1.04		
	Along Grid C-C	1.00	3.49	3.49		0.30	1.04		

			IIMAIE (Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid 1-1	1.00	6.13	6.13		0.30	1.83		
	Along Grid 2-2	1.00	4.51	4.51		0.30	1.35		
	4" wall								
	Partition wall seperating male and femele toilet	1.00	6.50	6.50		0.30	1.95		
	Partion wall of male toilet	1.00	6.15	6.15		0.30	1.84		
	Partion wall of female toilet	1.00	3.61	3.61		0.30	1.08		
			Total	al formwork f	or lintel ba	nd	10.13	Sq.m	
				Total form	nwork		203.06	Sq.m	
10	REINFORCEMENT							Kg	
	Reinforcement(1.8%)	1.80		20.6	2		2913.61		
			T	otal reinforce	ment work	(2913.61	Kg	
11	Flooring & Finishing Work								
11.2	50 mm screeding and punning							Sq.m	
	Entry porch	1.00	2.72	2.72	1.63		4.43		
	Ramp	1.00	3.50	3.50	1.22		4.27		
			Total 50	mm screddi	ng punnin	g work	8.70	Sq.m	
11.1	Providing and Laying 6mm.th.porcelain glazed/non glazed tiles on walls and floor.							Sqm	
	Toilet								
11.1.1	Ground Floor								
	On walls								
	Gents Toilet								
	Inner toilet	2.00	4.67	9.34		1.20	11.20		
	Outside gents toilet	1.00	13.87	13.87		1.20	16.64		
	Girls Toilet								
	Inner toilet	3.00	4.88	14.64		1.20	17.56		
	Outside girls toilet	1.00	11.28	11.28		1.20	13.53		
	At entry	1.00	4.09	4.09		1.20	4.90		
	Deduction for openings								
	D1(750*2100)	-10.00	0.75	-7.50		1.20	-9.00		
	D2(900*2100)	-4.00	0.90	-3.60		1.20	-4.32		
				Total tile o	n wall		50.51	Sq.m	
11.1.2	On Floor								
	Room 1 (Gents Toilet)	1.00		10.59			10.59		
	Room 2 (ladies Toilet	1.00		11.06			11.06		
				Total tile o	n floor		21.65	\$q.m	
11.2	CEMENT PUNNING							Sam	
11,4	Outer entrance steps							Sq.m	
	Outer entrance steps Riser	3.00	4.63	13.89		0.15	2.08		
	Drain Around Building	1.00	4.63	4.63	1.15	0.13	5.32		

				Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
				Total punni	ng work		20.06	Sq.m	
11.3	Slate							Sq.m	
	Roof	1.00	8.87	8.87	9.45		83.82		
				Total slate	e work		83.82	Sq.m	
11.4	Outer wall stone cladding								
	outer wall	1.00	22.26	22.26		1.50	33.39		
				otal stone cla	dding wor		33.39	Sq.m	
12	PLASTERING WORKS								
12.1	12.5mm thick cement plaster in (1:3) in							°	
12.1	ceiling ,beams etc							Sq.m	
	Ground Floor								
	Ceiling								
	Overall ceiling	1.00	6.58	6.58	8.84		58.16		
	Projected ceiling	2.00	8.87	17.74	0.90		15.96		
		2.00	8.84	17.68	0.90		15.91		
	Sides	1.00	30.84	30.84		0.13	4.00		
			To	otal 1:3 plaste	r on ceilin	g	94.03	Sq.m	
12.2	12.5mm thick cement plaster in (1:4) in								
	Internal Wall etc Girls Toilet								
	Throughout wall	1.00	14.20	14.20		3.50	49.70		
				4.88					
	Inner toilet	1.00	2.44	3.81		2.80	13.66		
			3.81						
	Outside girls toilet	1.00	3.40	3.40		3.50	11.90		
	Boys Toilet	1.00	12.07	12.07		2.50	0.00		
	Throughout wall	1.00	13.87	13.87		3.50	48.54		
	Inner toilet	1.00	2.34	2.34		2.80	6.55		
		1.00	3.60	3.60		2.80	10.08		
	Outside boys toilet	1.00	2.34	2.34		3.50	8.19		
	Gable wall	2.00	8.87	17.74		0.80	14.19		
	Sides of opening V1 (700*900)	F 00	0.00	1,400	0.00		0.40		
	V2(1200*900)	5.00	3.20	16.00	0.23		3.68		
		1.00	4.20	4.20	0.23		0.96		
	D1(750*2100)	3.00	4.95	14.85	0.12		1.78		
	D2(900*2100)	2.00	5.10	10.20	0.12		1.22		
	D3(1000*2100)	2.00	5.10	10.20	0.12		1.22		
	Deduction for openings								
	V1(700*900)	-5.00	0.70	-3.50		0.90	-3.15		
	V2(1200*900)	-1.00	1.20	-1.20		0.90	-1.08		
	D1(750*2100)	-3.00	0.75	-2.25		2.10	-4.72		
	D2(900*2100)	-2.00	0.90	-1.80		2.10	-3.78		
	D3(1000*2100)	-2.00	1.00	-2.00		2.10	-4.20		
				Total 1:4 inn	er plaster		165.40	Sq.m	
12.3	12.5mm thick cement plaster in (1:4) in External Wall etc							Sq.m	

				Measure	ment				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Ground Floor								
	Around Building	1.00	22.26	22.26		3.50	77.91		
	Gable wall	2.00	8.87	17.74		0.80	14.19		
	Deduction for openings								
	V1(700*900)	-5.00	0.70	-3.50		0.90	-3.15		
	V2(1200*900)	-1.00	1.20	-1.20		0.90	-1.08		
	D3(1000*2100)	-1.00	1.00	-1.00		2.10	-2.10		
	, ,	1.00		otal 1:4 exte	nal plaste		85.77	Sq.m	
					, , , , , , , , , , , , , , , , , , ,			• 4	
12.4	20mm thick cement sand plaster(1:4) on floor of good finish including racking of joints, wetting the surface and curing the work all complete.							Sq.m	
	Ground Floor								
	Steps outside toilet								
	Riser	2.00	4.63	9.26		0.15	1.38		
	Drain Around Building	1.00	4.63	4.63	1.15		5.32		
	Apron	1.00	18.90	18.90	0.67		12.66		
				Total 1:4 floo	or plaster		19.36	Sq.m	
12.5	3/4X1.5" thick pani patti in cement sand mortar(1:3).							Rm	
	Ground Floor cantiliver slab	1.00	27.18	27.18			27.18		
				Total panip	atti work		27.18	Rm	
12.5	Putting							Rm	
	fasle ceiling	as per fo	alse ceiling	9			24.42		
				Total puttir	ng work		24.42	Sq.m	
13	Doors and Windows								
13.1	Aluminium door							Sq.m	
	Ground Floor								
	D1(750*2100)	3.00	0.75	2.25		2.10	4.72		
	D2(900*2100)	2.00	0.90	1.80		2.10	3.78		
	D3(100*2100)	2.00	1.00	2.00		2.10	4.20		
				Total Alumin	ium door		12.70	Sq.m	
13.2	Window/ventilation								
	Ventilation							Sq.m	
	Ground Floor								
	V1 (700*900)	5.00	0.70	3.50		0.90	3.15		
	V2(1200*900)	1.00	1.20	1.20		0.90	1.08		
			1	otal Aluminiu	m window	1	4.23	Sq.m	
14	COLOURING /PAINTING WORKS								
14.1	INTERIOR DISTEMPER PAINT								
	Total internal wall paint		Ä		165.40				
	Total ceiling paint		А	s per ceiling p	·k	94.03			
	Total putting paint			As per putt	ingwork		24.42		

S.N	Description	Nos.		Measure	ment		Quantity	Unit	Remarks
3.IV	Description	NOS.	Length	T.Length	Breadth	Height	Quality	Onn	Remarks
				Total distem	per paint		283.85	Sq.m	
14.2	EXTERIOR WEATHERCOAT PAINT								
	Total external wall paint		,	As per inner plaster work			85.77		
			1	Total weather coat paint			85.77	Sq.m	

Ghodaghodi Municipality Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

C 1.1	Daniel Han	NI		Measurem	ent		0		D
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For building	1.00	11.50	11.50	3.50		40.25		
				Total Site Cleara	nce Work		40.25	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of column								
	Post	4.00	0.50	2.00	0.50	3.23	3.23		
	For Foundation Beam								
	Along Grid A-A	1.00	1.80	1.80	0.43	0.53	0.41		
	Along Grid B-B	1.00	1.80	1.80	0.43	0.53	0.41		
	Along Grid 1-1	1.00	2.79	2.79	0.43	0.53	0.63		
	Along Grid 2-2	1.00	2.79	2.79	0.43	0.53	0.63		
			Т	otal earthwork in	excavatio	n	5.31	Cu.m	
3	Earthback Filling								
	Total excavation	1		5.31	•	•	5.31		1 nos
	Deduction								
	Soling	-1		0.71	-0.71				
	PCC 1:3:6	-1		0.24	-0.24				
				Total Filling \	4.36	Cu.m			
4	Brick/Boulder Soling								
4.1	Brick Soling							Sq.m	
	Floor								
	Entry Porch	1.00	2.99	2.99	0.30		0.89		
	Room	1.00	2.99	2.99	2.01		6.00		
				Total stone soli	ng work		6.89	Sq.m	
4.2	Boulder Soling								
	Below Foundation of wall								
	Post	4.00	0.50	2.00	0.50	0.15	0.15		
	Along Grid A-A	1.00	1.80	1.80	0.43	0.15	0.11		
	Along Grid B-B	1.00	1.80	1.80	0.43	0.15	0.11		
	Along Grid 1-1	1.00	2.79	2.79	0.43	0.15	0.17		
	Along Grid 2-2	1.00	2.79	2.79	0.43	0.15	0.17		
				Total stone soli	ng work	•	0.71	Cu.m	
7	Brickwork								
7.1	Brick Masonry Works in 1:6 C/S mortar							Cu.m	

				Measurem	ent				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Upto Plinth Level								
	Along Grid A-A	1.00	1.80	1.80	0.23	0.30	0.12		
	Along Grid B-B		1.80	1.80	0.23	0.30	0.12		
	Along Grid 1-1		2.79	2.79	0.23	0.30	0.12		
	Along Grid 2-2		2.79	2.79	0.23	0.30	0.17		
	Along Glid 2-2	1.00		otal 1:6 B/W upto			0.62	Cu.m	
					piiiiiii ieve	;ı	0.62	CU.III	
73	Brick Works (1:4c/s) mortar							Cu.m	
7.5	Ground Floor							C0.111	
	4"' wall								
		1.00	1 00	1.80	0.12	0.01	0.17		
	Along Grid A-A		1.80			0.81	0.17		
	Along Grid B-B	1.00	1.80	1.80	0.12	0.81	0.17		
				Total 1:4 B/W br	ICK WORK		0.34	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	Below Foundation wall								
	Post		0.50	2.00	0.50	0.08	0.08		
	Along Grid A-A		1.80	1.80	0.23	0.08	0.03		
	Along Grid B-B		1.80	1.80	0.23	0.08	0.03		
	Along Grid 1-1		2.79	2.79	0.23	0.08	0.05		
	Along Grid 2-2		2.79	2.79	0.23	0.08	0.05		
	, noting ond 2.2	1.00	2.77	Total M10 (1:3:		0.00	0.24	Cu.m	
				,					
8.2	M15 (1:2:4)								
	Floor								
	Entry Porch	1.00	2.99	2.99	0.30	0.08	0.07		
	Room	1.00	2.99	2.99	2.01	0.08	0.48		
	Post	4.00	0.30	1.20	0.30	0.30	0.10		
				Total M15 (1:2:	4) PCC		0.65	Cu.m	
8.3	M20 (1:1.5:3)								
	For Top Tie Beam		1.00	1.00	0.00	0.15	0.07		
	Along Grid A-A		1.80	1.80	0.23	0.15	0.06		
	Along Grid B-B		1.80	1.80	0.23	0.15	0.06		
	Along Grid 1-1		2.79	2.79	0.23	0.15	0.09		
	Along Grid 2-2	1.00	2.79	2.79	0.23	0.15	0.09		
							0.30	Cu.m	
	Sill band								
	Ground Floor								
	4" wall								
	Along Grid A-A	1.00	1.80	1.80	0.12	0.08	0.01		
	Along Grid B-B		1.80	1.80	0.12	0.08	0.01		
				Total RCC for s	ill band		0.02	Cu.m	
				Total RCC v	vork		0.32	Cu.m	

				Measurem	ent				_
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
9	FORMWORKS								
	For Top Tie Beam								
	Along Grid A-A	2.00	1.80	3.60		0.15	0.54		2 sides
	Along Grid B-B	2.00	1.80	3.60		0.15	0.54		
	Along Grid 1-1	2.00	2.79	5.58		0.15	0.83		
	Along Grid 2-2	2.00	2.79	5.58		0.15	0.83		
	Post	4.00	1.20	4.80		0.30	1.44		
							4.18	Sq.m	
	For PCC								
	Sides for PCC work below foundation beam								
	Along Grid A-A	2.00	1.80	3.60		0.15	0.54		
	Along Grid B-B	2.00	1.80	3.60		0.15	0.54		
	Along Grid 1-1	2.00	2.79	5.58		0.15	0.83		
	Along Grid 2-2	2.00	2.79	5.58		0.15	0.83		
				Total formwork	for PCC		2.74	Sq.m	
	For Sill band								
	Ground Floor								
	4" wall								
	Along Grid A-A	1.00	1.80	1.80		0.15	0.27		
	Along Grid B-B	1.00	1.80	1.80		0.15	0.27		
				Total formwork fo	r sill band		0.54	Sq.m	
				Total formw	ork	1	7.46	Sq.m	
10	REINFORCEMENT							Kg	
	Reinforcement(2%)	1.00		0.32		I	50.24		
				Total reinforcem	ent work		50.24	Kg	
11	Flooring & Finishing Work								
	38mm thick P.C.C. in (1:2:4) with cement punning (1:1) for roof treatment work.							Sq.m	
	Entry Porch	1.00	2.99	2.99	0.30		0.89		
	Room	1.00	2.99	2.99	2.01		6.00		
			Tota	I 38mm PCC with	punning v	vork	6.89	Sqm	
12	PLASTERING WORKS								
12.1	12.5mm thick cement plaster in (1:4) in External Wall etc							Sq.m	
	Upto Plinth level								
	Upto Plinth	1.00	9.99	9.99		0.15	1.49		
							1.49	Sq.m	
	Ground Floor								
	Along Grid A-A	1.00	1.80	1.80		1.74	3.13		
	Along Grid B-B	1.00	1.80	1.80		1.74	3.13		

	Daniel Rev			Measurem	ent		0		.
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
							6.26	Sq.m	
				Total 1:4 externa	al plaster		7.75	Sq.m	
13	COLOURING /PAINTING WORKS								
13.1	EXTERIOR WEATHERCOAT PAINT								
	Total external wall paint			As per inner pla	ster work		7.75		
				Total weather co	oat paint		7.75	Sq.m	,
14	ROOFING WORK								,
14.1	UPVC sheet							Sq.m	
	Roof cover	1.00	4.19	4.19	3.35		14.03		
				Total UPVC s	heet		14.03	\$q.m	
14.2	UPVC ridge cover							Rm	
	Roof cover	1.00	4.19	4.19			4.19		
				Total ridge o	over		4.19	Rm	
15	ROOF TRUSS								
	Ground Floor (Roof cover)								
	4" Post	4.00	2.85	11.40	14.41		164.27		
	Truss	1.00	0 168.36				168.36		
			Total MS pipe for roof truss				332.63	Kg	

Ghodaghodi Municipality

Sukhad, Kailali

Project : - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAIL ESTIMATE (Generator House)

				Measurem	ent				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For building	1.00	13.50	13.50	7.50		101.25		
				Total Site Cleara	nce Work		101.25	Sq.m	
2	Earthwork in Excavation								
	Foundation for footing of column								
	Post	8.00	1.40	11.20	1.40	1.23	19.28		
	For Foundation Beam								
	Along Grid A-A	1.00	4.35	4.35	0.63	0.83	2.27		
	Along Grid B-B	1.00	4.35	4.35	0.63	0.83	2.27		
	Along Grid 1-1	1.00	11.40	11.40	0.63	0.83	5.96		
	Along Grid 2-2	1.00	11.40	11.40	0.63	0.83	5.96		
			T	otal earthwork in	excavatio	n	35.74	Cu.m	
3	Earthback Filling								
	room	1	4.35	4.35	11.40	0.13	6.44		
	Total excavation	1		35.74			35.74		1 nos
	Deduction								
	Soling	-1		3.74			-3.74		
	PCC 1:3:6	-1		1.98			-1.98		
				Total Filling	Work		30.02	Cu.m	
4	Brick/Boulder Soling								
4.1	Brick Soling							Sq.m	
	Floor								
	Entry Porch	1.00	12.00	12.00	1.00		12.00		
	Room	1.00	4.35	4.35	11.40		49.59		
				Total stone soli	ng work		61.59	Sq.m	
4.2	Boulder Soling								
	Below Foundation of wall								
	Post	8.00	1.20	9.60	1.20	0.15	1.72		
	Along Grid A-A	1.00	4.35	4.35	0.43	0.15	0.28		
	Along Grid B-B	1.00	4.35	4.35	0.43	0.15	0.28		
	Along Grid 1-1	1.00	11.40	11.40	0.43	0.15	0.73		

DETAIL ESTIMATE (Generator House)

				Measurem	ent				_
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
	Along Grid 2-2	1.00	11.40	11.40	0.43	0.15	0.73		
				Total stone soli	ng work		3.74	Cu.m	
7	Brickwork								
7.1	Brick Masonry Works in 1:6 C/S mortar							Cu.m	
	Upto Plinth Level								
	Along Grid A-A	1.00	4.35	4.35	0.23	0.60	0.60		
	Along Grid B-B	1.00	4.35	4.35	0.23	0.60	0.60		
	Along Grid 1-1	1.00	11.40	11.40	0.23	0.60	1.57		
	Along Grid 2-2	1.00	11.40	11.40	0.23	0.60	1.57		
	Above plinth								
	Along Grid A-A	1.00	6.00	6.00	0.23	0.90	1.24		
	Along Grid B-B	1.00	6.00	6.00	0.23	0.90	1.24		
	Along Grid 1-1		12.00	12.00	0.23	0.90	2.48		
	Along Grid 2-2	1.00	9.00	9.00	0.23	0.90	1.86		
			T	otal 1:6 B/W upto	plinth leve	el	11.16	Cu.m	
8	PCC and RCC Work								
8.1	M10 (1:3:6)								
	Below Foundation wall								
	Post	8.00	1.20	9.60	1.20	0.08	0.92		
	Along Grid A-A	1.00	4.35	4.35	0.43	0.08	0.14		
	Along Grid B-B	1.00	4.35	4.35	0.43	0.08	0.14		
	Along Grid 1-1	1.00	11.40	11.40	0.43	0.08	0.39		
	Along Grid 2-2	1.00	11.40	11.40	0.43	0.08	0.39		
				Total M10 (1:3:	6) PCC		1.98	Cu.m	
8.2	M15 (1:2:4)								
	Floor								
	Room	1.00	11.70	11.70	4.65	0.08	4.35		
	Entry porch	1.00	12.00	12.00	1.00	0.08	0.96		
				Total M15 (1:2:	4) PCC		5.31	Cu.m	
8.3	M20 (1:1.5:3)								
	post foundation		1.00	8.00	1.00	0.30	2.40		
	post pedestal	8.00	0.30	2.40	0.30	1.00	0.72		
	For Top Tie Beam								
	Along Grid A-A		4.35	4.35	0.23	0.15	0.15		
	Along Grid B-B		4.35	4.35	0.23	0.15	0.15		
	Along Grid 1-1		11.40	11.40	0.23	0.15	0.39		
	Along Grid 2-2	1.00	11.40	11.40	0.23	0.15	0.39		
				Total RCC v	vork		4.20	Cu.m	

DETAIL ESTIMATE (Generator House)

				Measurem	ent				
S.N	Description	Nos.	Length	T.Length	Breadth	Height	Quantity	Unit	Remarks
9	FORMWORKS								
	post foundation	8.00	4.00	32.00		0.30	9.60		
	post pedestal	8.00	1.20	9.60		1.00	9.60		
	For Top Tie Beam								
	Along Grid A-A	1.00	4.35	4.35		0.30	1.30		2 sides
	Along Grid B-B	1.00	4.35	4.35		0.30	1.30		
	Along Grid 1-1	1.00	11.40	11.40		0.30	3.42		
	Along Grid 2-2	1.00	11.40	11.40		0.30	3.42		
							28.64	Sq.m	
	For PCC								
	Sides for PCC work below foundation beam								
	Post	8.00	4.80	38.40		0.16	6.14		
	Along Grid A-A	1.00	4.35	4.35		0.16	0.69		
	Along Grid B-B	1.00	4.35	4.35		0.16	0.69		
	Along Grid 1-1	1.00	11.40	11.40		0.16	1.82		
	Along Grid 2-2	1.00	11.40	11.40		0.16	1.82		
			,	Total formwork	for PCC		11.16	Sq.m	
				Total formw	ork		39.80	Sq.m	
10	REINFORCEMENT							Kg	
	Reinforcement(1.5%)	1.50		4.20			494.55		
				Total reinforcem	ent work		494.55	Kg	
11	Flooring & Finishing Work								
11.1	50 mm thick P.C.C. in (1:2:4) with cement punning (1:1) for roof treatment work.							Sq.m	
	Room	1.00	11.70	11.70	4.65		54.40		
	Entry porch		12.00	12.00	1.00		12.00		
	Lilliy poleti	1.00		I 50mm PCC with		l vork	66.40	Sqm	
11.2	Stone cladding		1010	30mm ree wiii	poining v	I	00.40	Sq.m	
11.2	wall	1.00	33.00	33.00		1.20	39.60	34.111	
	wali	1.00	33.00	Total stone cla	adding	1.20	39.60	Sqm	
				Total stolle cit	adding		37.00	Sqiii	
12	PLASTERING WORKS								
12.1	12.5mm thick cement plaster in (1:4) in External Wall etc							Sq.m	
		1.00	33.00	33.00		1.13	37.29		
				Total 1:4 externa	al plaster	1	37.29	Sq.m	
								<u> </u>	
13	COLOURING /PAINTING WORKS								
	EXTERIOR WEATHERCOAT PAINT								

DETAIL ESTIMATE (Generator House)

				Generalor 11003	- /				
S.N	Description	Nos.		Measurem	Quantity	Unit	Remarks		
3.IN	Description	NOS.	Length	T.Length	Breadth	Height	Quantity	Uniii	Remarks
	Total external wall paint			As per inner pla	ster work		37.29		
				Total weather co	oat paint		37.29	Sq.m	
14	ROOFING WORK								
14.1	UPVC sheet							Sq.m	
	Roof cover	1.00	14.00	14.00	6.60		92.40		
				Total UPVC s	sheet		92.40	\$q.m	
14.2	UPVC ridge cover							Rm	
	Roof cover	1.00	6.60	6.60			6.60		
				Total ridge o	over		6.60	Rm	
15	ROOF TRUSS								
	Ground Floor (Roof cover)								
	6" SHS Post	8.00	4.60	36.80	22.26		819.16		
	Truss	1.00		1108.80			1108.80		
				Total MS pipe for	roof truss		1927.96	Kg	
15	Gi link fence								
13	above wall	1.00	33.00	33.00		1.80	59.40		
	gate	1.00	3.00	3.00		2.40	7.20		
	guic	1.00	0.00	Total GI link f	l l ience	2.70	66.60	sqm	
				TOTAL OF HITE			00.00	aqııı	

Ghodaghodi Municipality Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAILED ESTIMATE (Drinking Water Tap)

	2	NI -		Mea	surement		0		D
Sn	Description	No	Length	TL	Breadth	Height	Quantity	Unit	Remarks
Α	CIVIL WORKS								
1	Site Clearance and Layout								
	For water tap	1.00	2.10	2.10	0.50		1.05		
			Total	Site C	Clearance	Work	1.05	Sq.m	
2.1	Earthwork in excavation								
	For sink support wall	1	2.10	2.10	0.50	0.83	0.87		
			Tota	al E/W	in excavo	ition	0.87	Cum	
2.2	Backfilling								
	Total excavation						0.87		
	Deduction of soling						-0.14		
	Deduction of PCC					1	-0.09		
	Deduction of BW						-0.37		
				Total	L backfilling	<u> </u>	0.27	Cum	
					 	<u> </u>	0.2.	00	
3	Boulder soling								
	For sink support wall	1	1.95	1.95	0.50	0.15	0.14		
	2 2 2 1112 2	•			der soling	L	0.14	Cum	
			10.0		<u> </u>	I	0.14	Com	
4	Brickwork								
4.1	1:6 brickwork								
7.1	For sink support wall								
	foundation 1st	1	1.75	1.75	0.45	0.30	0.23		
	foundation 2nd	1	1.60	1.60	0.30	0.30			
	above plinth	1	1.60	1.60	0.30	1.15	0.14		
	above piiriiri	'			6 brick wo		0.55 0.92	Cum	
) iai 1.	o blick wo	I	0.72	Cum	
5	CONCRETING WORKS								
								61:	
5.1	M10 (1:3:6) For sink support wall	1	1.05	105	0.50	0.10	0.00	cum	
	i or sink support wall	ı	1.95	1.95	0.50	0.10	0.09		
				ioial	1:3:6 PCC 		0.09	Cum	
	M00 (1:1 5:2)							C	
5.2	M20 (1:1.5:3)	,	1.70	1.40	0.00	0.10	0.17	Cum	
	Sink slab		1.60	1.60	0.90	0.12	0.17		
	Cover slab	1	1.60	1.60	0.12	0.12	0.02		
<u> </u>				ıotal	(M20) RCC I	· 	0.19	Cum	
6	Formwork								

DETAILED ESTIMATE (Drinking Water Tap)

	SELECTED TOWNER (SIMILING WATER TAP)												
Sn	Description	No		Mea	surement		O	1114	Remarks				
3n	Description	NO	Length	TL	Breadth	Height	Quantity	Unit	kemarks				
	Sink slab	1	1.60	1.60	0.60		0.96						
	Sides	1	5.00	5.00		0.12	0.60						
	Sides of cover slab	1	2.80	2.80		0.12	0.33						
				Total	formwork	-	1.89	Sqm					
7	REINFORCEMENT												
	Reinforcement(1.5%)	1.50			0.19		22.37						
			Tota	l reinf	orcement	work	22.37	Kg					
8	PLASTERING/PUNNING WORKS												
8.1	12.50 mm thick Cement sand plaster (1:4) work in ceiling surfaces of good finish.							sqm					
	Water tap												
	Slab underside	1	2.10	2.10	1.50		3.15						
				Toto	al plaster	-	3.15	Sqm					

Ghodaghodi Municipality

Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAILED ESTIMATE (Underground Water tank 50 cum)

Sn	Description	No	Length	Breadth	Height	Quantity	Unit	Remarks
0	Site clearance and layout						Sqm	
	Water tank	1	7.450	5.450		40.600		
			To	tal site clearan	ce	40.600	Sqm	
	EARTH WORKS IN CUTTING AND							
1	FILLING							
	Foundation of Water tank	1	7.450	5.450	3.240	131.550		
			Tota	I E/W in excavo	ation	131.550	Cum	
2	Stone soling						Cum	
	On base of Water tank	1	7.150	5.150	0.150	5.520		
			Tota	ıl Stone soling v	vork	5.520	Cum	
5	CONCRETING WORKS							
5.1	P.C.C (1:3:6) Works						Cum	
	On base of Water tank	1	7.150	5.150	0.100	3.680		
				Total 1:3:6 PCC		3.680	Cum	
5.3	P.C.C. FOR R.C.C. WORKS						Cum	
	Water tank foundation	1	7.150	5.150	0.350	12.890		
	Water tank wall	1	21.100	0.750	2.640	41.780		
	Water tank cover	1	6.550	4.550	0.150	4.470		
				Total (M20) RCC	7	59.140	Cum	
						_		
6	FORMWORK						Sqm	
	Water tank	-	0.4.400		0.050	0.410		
	Water tank foundation Water tank wall	1	24.600		0.350	8.610		
		1	42.200	4.550	2.640	111.408		
	Cover slab Sides	1	6.550 22.200	4.550	0.150	29.803 3.330		
	sides	ı		<u> </u>		153.151	Sqm	
				T	· 	153.151	Sqiii	
7	REINFORCEMENT							
	Beam,column,slab (1.5%)	1.5		59.140		6963.740		
	Death, Colonii, siab (1.5%)	1.5		7.110		6963.740	Kg	
						1	9	
8	PLASTERING/PUNNING WORKS					1		
Ť	12.50 mm thick Cement sand							
8.2	plaster (1:4) work on walls surfaces						sqm	
	of good finish							
`	Water tank							
	Inside wall	1	20.000		2.500	50.000		
				Total plaster	•	50.000	Sqm	
8.3	38 mm screeding and punning						Sqm	
`	Water tank							
	Base floor	1	6.000	4.000		24.000		
				Total plaster	•	24.000	Sqm	

DETAILED ESTIMATE (Underground Water tank 50 cum)

Sn	Description	No	Length	Breadth	Height	Quantity	Unit	Remarks
8.4	3mm.th. C.S. punning(1:1) on floor, dado and skirting etc. as per specification and direction complete work.						Sqm	
`	Water tank							
	Inside wall	1	20.000		2.500	50.000		
				Total punning		50.000	Sqm	
8.4	Waterproofing						Sqm	
`	base and wal							
	base	1	6.000		4.000	24.000		
	Inside wall	1	20.000		2.500	50.000		
				Total punning		74.000	Sqm	

Ghodaghodi Municipality

Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Park in Ghodaghodi Municipality

Location :- Sukhad, Kailali

DETAILED ESTIMATE (Overhead Water tank)

S.N.	Description	No	Length	Total length	Breadth	Height	Quantity	Remarks
	No of overhead tanks	1						
1	Site clearance and layoout	1	Area =	2.14			2.14	sq.m
0	Fauther and France Africa		A	0.05		1.5	00.05	
2	Earthwork Excavation	6	Area =	2.25		1.5	20.25	cum
3	Stone soling	6	Area =	1.69		0.15	1.52	cum
3	Storie solling	0	Aleu -	1.07		0.13	1.52	Com
4	M10 (1:3:6)	6	Area =	1.69		0.075	0.76	cum
	77110 (1.0.0)		7100	1.07		0.07 0	5 0	
5	M20 (1:1.5:3)							
	foundation	6	Area =	1.69		0.45	4.56	
	column pedestal	6	Area =	0.09		1.125	0.61	
						Total=	5.17	cum
5	Formwork							
	foundation	6	Area =	5.20		0.45	14.04	
	column pedestal	6	Area =	1.20		1.125	8.10	
						Total=	22.14	sq
5	Rebar							
	reinforcment 1.5%	1.5	volume	5.17		7850	608.77	
						Total=	608.77	Kg
_	20							
5	20 mm plaster post top	6	volume	1.20		0.45	3.24	
	posi iop	0	volume	1.20		Total=	3.24	sq.m
						ioiui-	3.24	34.111
5	Enamel paint							
	top base	1	Area =	7.55			7.55	
	vertical pipes	1	Length	2.90		7	20.30	
			Ŭ					
						Total=	27.85	sq.m
						kg/m		
6	20mm Thick Base plate	4	0.04	0.003	0.00048	0.942	0.0004522	Kg
	72mmx72mmx4mm square pipe	4	6.3	25.20		7.2	181.44	Kg
	frame	т	0.0	20.20		, .2	101.44	9
	72mmx72mmx4mm square pipe	8	1.928	15.42		7.2	111.02	Kg
	frame		20			, ,2	52	9
	40mmx40mmx4mm square pipe	4	1.928	7.71		4.25	32.77	Kg
	frame							
	60mmx5mm angle	16	3.513	56.21		4.5	252.95	Kg
	50mmx50mmx4mm square pipe	2	6	12.00		4.71	56.52	
	frame	30	0.6	18.00		1.8	32.40	
	40mmx3mm angle 3 mm thick Metal Plate	1	4.00	10.00		94.2	376.80	Y a
	3 mm mick merai Plate	ı	4.00			94.2 @ 10% of	3/6.60	Kg
	Hinges, tower bolt, aldrops, plates					total	104.39	
	etc.					weight	104.37	
						Total=	1148.29	Kg

Ghodaghodi Municipality Sukhad, Kailali

Project: - Preparation of Master Plan and Detailed Project Report of Renovation of Sita Kunda Temple, Community Building and Tourism Location: - Sukhad, Kailali

DETAILED ESTIMATE (Septic tank, Soak pit, Manhole)

Sn	Description Description	No	Length	Breadth	∐oiah ŧ	Quantity	Unit	Remarks
3n 1	Site clearance	NO	Lengin	ыеааш	Height	Quantity	Cum	kemarks
-	Foundation of septic tank	1	E 70	2.70		15.20	Com	
	Foundation of septic tank Foundation of soak pit	1	5.70	2.70		15.39		
	Foundation of manhole		2.12	3.40		7.21		
	Foundation of mannole	6	1.20	1.20	1	8.64		
			Total	site clearance	•	31.24	sqm	
1	EARTH WORKS IN CUTTING AND FILLING							
	Foundation of septic tank	1	5.70	3.30	2.00	37.62		
	Foundation of soak pit	1	2.67	3.40	3.15	28.60		
	Foundation of manhole	6	1.20	1.20	0.73	6.31		
			Total E	/W in excavati	on	72.53	Cum	
	Earth filling work for foundation with proper							
2	compaction all complete						Cum	
	Backfilling in trenches of septic tank	1	16.60	0.30	2.00	9.96		
	Backfilling in trenches of soak pit	1	10.36	0.20	3.03	6.28		
	Backfilling in trench of manhole	6	2.20	0.15	0.50	0.99		
			Toto	al Earth Filling		17.23	Cum	
3	Boulder soling						Cum	
	On base of septic tank	1	5.40	2.50	0.15	2.03	1	
	Foundation of soak pit	1	7.85	0.40	0.15	0.47		
	Foundation of manhole	6	1.20	1.20	0.15	1.30		
	1 0011001110111010	0		tone soling wo		3.80	Cum	
			101013	I	I	3.00	Com	
4	BRICK MASONRY WORKS (1:6 c/s) UPTO GF						Cum	
•	Septic tank	1	16.00	0.35	1.80	10.08		
	Soak pit	1	8.48	0.35	3.00	8.90		
	Manhole	6	3.08	0.23	0.50	2.13		
	Marinole	0		l 1:6 brickwork		21.11	Cum	
5	CONCRETING WORKS		1014	T THE BRICKWORK		21.11	Com	
5.1	P.C.C (1:3:6) Works						Cum	
3.1	On base of septic tank	1	5.40	2.50	0.10	1.35	Com	
	Foundation of soak pit	1	7.85	0.40	0.08	0.25		
	Foundation of manhole	6	1.20	1.20	0.08	0.69		
	1 defidation of marifiolo	0		tal 1:3:6 PCC	0.00	2.29	Cum	
			10	1 1.0.0 1 0 0	1	2.27	Com	
5.3	P.C.C. FOR R.C.C. WORKS						Cum	
3.3	Septic tank cover	1	5.40	2.50	0.13	1.76	Com	
	· ·	1	5.40		0.13	0.74		
	Cover slab of soak pit Cover of manhole	6	1.00	1.00	0.13	0.74		
	Cover of mannole	0		al (M20) RCC	0.10	3.10	C	
			101	LI (MZU) KCC		3.10	Cum	
6	FORMWORK						Sqm	
	Septic tank						1	
	Cover slab	1	4.70	2.00		9.40		
	Sides	1	15.00		0.13	1.95		
	Soak pit							
	Cover slab	1	4.9	91		4.91		
	Sides	1	10.36		0.13	1.35		
	0,000			tal formwork		17.61	Sqm	
7	REINFORCEMENT							
	Beam,column,slab (1.5%)	1.5		3.10	1	365.03		
	553,56161111,31616 (1.676)					365.03	Kg	
1				1	1		9	

DETAILED ESTIMATE (Septic tank, Soak pit, Manhole)

Sn	Description	No	Length	Breadth	Height	Quantity	Unit	Remarks
8	FLOORING							
8.1	38 mm Screeding and punning						sqm	
,	Septic tank							
	base	1	5.00	2.00		10.00		
	Manhole							
	base	6	0.54	0.54		1.75		
			Total sc	reeding punn	ing T	11.75	Sqm	
9	PLASTERING/PUNNING WORKS							
0.1	12.50 mm thick Cement sand plaster (1:4) work							
9.1	on walls surfaces of good finish						sqm	
`	Septic tank							
	Inside wall	1	16.00		1.80	28.80		
	Manhole							
	Inside wall	6	2.16		0.50	6.48		
				otal plaster		35.28	Sqm	
	3mm.th. C.S. punning(1:1) on floor, dado and							
9.4	skirting etc. as per specification and direction complete work.						Sqm	
	as per plaster work					35.28		
			To	otal punning		35.28	Sqm	