

कार्यालय प्राचार्य, शासकीय रेवती रमण मिश्र स्नातकोत्तर महाविद्यालय सूरजपुर,

NAAC GRADE-B

जिला-सूरजपुर (छ.ग.)

Ph. No. 07775-266657 E.mail-pri-rmpgsurajpur.cg@gov.in/
Web.-www.govtcollegesurajpur.in



पत्र क्रमांक 346 / स्था. / 2018.

सूरजपुर, दिनांक 27 / 07 / 2018.

प्रति,

डॉ. पी. सी. चौबे (रूसा),
संयुक्त संचालक,
शासकीय विज्ञान महाविद्यालय परिसर
रायपुर (छ.ग.)

विषय :- रूसा अन्तर्गत राशि से रिनोवेशन कार्य (रु. 70 लाख) हेतु प्रस्ताव का प्रेषण।
संदर्भ :- 01 इस कार्यालय का पत्र क्र. 637 / स्था., सूरजपुर दिनांक 27.10.2017
02 आपका दूरभाष पर प्राप्त निर्देश।

—00—

विषयान्तर्गत इस महाविद्यालय में रूसा मद से रु. 70.00 लाख के रिनोवेशन/नवीन निर्माण कार्य का प्रस्ताव संदर्भित 01 के पत्र द्वारा आपकी ओर प्रेषित किया गया था। आप द्वारा दूरभाष पर निर्देशित किया गया कि उक्त राशि से समस्त कार्य रिनोवेशन से सम्बंधित ही किए जाने हैं।

अतः निर्देशानुसार रूसा मद से रु. 70.00 लाख के विभिन्न रिनोवेशन कार्य का प्रस्ताव लोक निर्माण विभाग, सूरजपुर द्वारा प्रस्तुत नवीन प्राक्कलन के आधार पर संलग्न कर आवश्यक कार्यवाही हेतु आपकी ओर सादर प्रेषित है।

संलग्न :- प्राक्कलन 48 पृष्ठ

(डॉ. एस. एस. अग्रवाल)

प्राचार्य

शासकीय रे.र.मि. स्नातकोत्तर महा. सूरजपुर
जिला-सूरजपुर (छ.ग.)



कार्यालय प्राचार्य, शासकीय रेवती रमण मिश्र स्नातकोत्तर महाविद्यालय सूरजपुर,

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अतः निर्देशानुसार रूसा मद से रु. 70.00 लाख के विभिन्न रिनोवेशन कार्य का प्रस्ताव लोक निर्माण विभाग, सूरजपुर द्वारा प्रस्तुत नवीन प्राक्कलन के आधार पर संलग्न कर आवश्यक कार्यवाही हेतु आपकी ओर सादर प्रेषित है।

संलग्न :- प्राक्कलन 48 पृष्ठ


(डॉ. एस. एस. अग्रवाल)
प्राचार्य

शासकीय रे.र.मि. स्नातकोत्तर महा. सूरजपुर
जिला-सूरजपुर (छ.ग.)

कार्यालय प्राचार्य, शासकीय रेबतीरमण मिश्र स्नातकोत्तर महाविद्यालय सूरजपुर,
जिला -सूरजपुर (छ0ग0)


NAAC GRADE - B

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Renovation Estimate

S.No.	Particular	Amount in Lacs.
01	Renovation Work in College Existing Building (General Building)	10.42
02	Renovation Work in Staff Urinal/Toilet	3.13
03	Renovation Work in Boys/Girls Urinal/Toilet	3.84
04	Renovation Work in College Existing Building (Chemistry Lab)	8.90
05	Renovation Work in College Existing Building (Civil Work i.e. Floor Tiles, Cement plaster etc.)	2.18
06	Renovation Work in College Existing Building (Civil Work i.e. AC in Principal Chamber, Old Building Electrification etc.)	16.97
07	Renovation Work in College Existing Building (Civil Work i.e. Fixing Aluminium Composite Panel, Floor Tiles etc.)	10.64
08	Renovation Work in College Existing Building (Civil Work i.e. Vitrified floor tiles, Garding roof etc.)	13.92
Total		70.00

(Rs. Seventy Lacs Only)


(डॉ० एस.एस. अग्रवाल) 27.7.18.
प्राचार्य

शासकीय रे.र.मि.स्नातकोत्तर महा० सूरजपुर
जिला-सूरजपुर (छ.ग.)



कार्यालय कार्यपालन अभियंता
लोक निर्माण विभाग (भ/स) संभाग सूरजपुर जिला-सूरजपुर (छ.ग.)

ज्ञापन क्रमांक 1568 / शिल्प / 2018-19

दिनांक 26/7/2018


प्राचार्य
रेवती रमण मिश्र महाविद्यालय
सूरजपुर

विषय :- प्राक्कलन प्रस्तुत करने बावत्।
संदर्भ :- T.L. बैठक में हुई चर्चानुसार।

—000—

उपरोक्त विषयांतर्गत लेख है कि T.L. बैठक में आपके हुई चर्चानुसार सूरजपुर कॉलेज के Renovation का प्राक्कलन रु. 70.00 लाख का तैयार कर आवश्यक अग्रिम कार्यवाही हेतु आपकी ओर प्रेषित है।

सहपत्र :- उपरोक्तानुसार।


कार्यपालन अभियंता
लो.नि.वि.(भ/स) संभाग सूरजपुर

GOVERNMENT OF CHHATTISGARH



PUBLIC WORK DEPARTMENT

NAME OF PROJECT

RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA
COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)

General Provision

ESTIMATED COST - Rs. 10.42 lacs

EXECUTIVE ENGINEER
P.W.D. (B/R) DIVISION
SURAJPUR (C.G.)

REPORT AND SPECIFICATION

Name of Work

: RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)

Estimated cost

Rs 10.42 Lacs

Necessity

As demand by the Principal Govt. College Surajpur for Renovation estimation of Existing Building

Provision

Following provision have been made in this Building.


- : 1 Providing and filling in plinth with sand/ Crusher dust
- : 2 Providing and laying nominal mix plain cement concrete
- : 3 Providing & laying 60mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm)


5) Rate

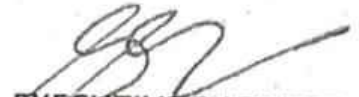
: All rates are as per Schedule of rate in C.G. P.W.D. in forced from 1st JAN.2015 and Amended up to Date 19-07-2017

6) Specification

: C.G P.W.D.Building works S.O.R. 01/01/2015


SUB ENGINEER
P.W.D.


SUB DIVISIONAL OFFICER
DIVISION SURAJPUR


EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR


**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING
BUILDING DISTT-SURAJPUR (C.G.)**

GENERAL ABSTRACT OF ESTIMATE


S.NO.	PARTICULARS OF ITEMS	AMOUNT
1	2	3
1	Renovation of RRM College Building (Civil Work)	1031947.00
2	Workcharged & Contingencies Add 1% extra	10319.00
		1042266.00
	Say Rs	10.42 lacs

Note :-

- 1 Rates has been taken from schedule of Rates of C.G.P.W.D. in force from 01 JAN. 2015.


SUB ENGINEER
P.W.D.


SUB DIVISIONAL OFFICER
SURAJPUR


EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING


DISTT-SURAJPUR (C.G.)

	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT
	3	4	5	6	7	8	9	10	11
2	3.1	1	27.15	37.2	0.25	252.495 252.495	Cum	371.00	93676.00
	3.1.3	1	27.15	37.2	0.1	100.998 100.998	Cum	2970.00	299964.00
3	12.65								
	12.65.2	1	27.15	37.2		1009.98 1009.98	Sqm	632.00	638307.00

1031947.00


SUB ENGINEER
P.W.D.


SUB DIVISIONAL OFFICER
SURAJPUR


EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

GOVERNMENT OF CHHATTISGARH



PUBLIC WORK DEPARTMENT

NAME OF PROJECT

RENOVATION OF STAFF GENTS/LEDIES URINAL AT REVTI
RAMAN MISHRA COLLEGE SURAJPUR(CG)

ESTIMATED COST - Rs. 3.13 Lacs

EXECUTIVE ENGINEER
P.W.D. (B/R) DIVISION
SURAJPUR (C.G.)

REPORT & SPECIFICATION

Name of Work : **RENOVATION OF STAFF GENTS/LEDIES URINAL AT REVTI RAMAN MISHRA COLLEGE SURAJPUR(CG)**

Estimate Amount : 3.13 Lacs

Authority :

Necessity : As per Requirement This Estimate is Prepared

Provisions : **1. Foundation :-**

- a. Foundation is designed with R.C.C column Rectangle column footing and excavated till the safe hard strata. R.C.C 1:1.5:3 concrete and reinforcement confirming to TMT Bar. Base concrete of 1:3:6
- b. Plinth height is 60 cm.
- c. Plinth is filled with Soil murrom/sand with proper watering and ramming.

2. Super Structure:-

All RCC framed structure with (1:1.5:3) grade concrete and reinforcement confirming to TMT Bar.

3. Formwork :-

Formwork of the structure is proposed with steel plates in the RCC work.

4. Brick Work :-

Fly Ash Brick work of the Plinth & structure will be 200 mm thick in cement Morter 1:6

5. Plastering :-

- a. 12mm thick plastering in internal walls.
- b. 15mm thick plaster in external walls.

6. Flooring and stone work :-

- a) Ceramic glazed tiles Flooring in toilets
- b) Ceramic glazed wall tiles in toilets up to lintel level

7. Painting and Finishes :-

- a. Internal walls - distemper .
- b. External walls - Cement Base Colour

8. Door & Windows :-

- a. Door framed made of Angle & Sheet

9. Water supply, Drainage and sanitary installation.

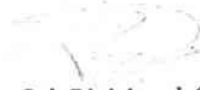
- a. Water supply pipelines are provided in G.I. pipes and all drainage pipe line will be in PVC.


Rates adopted in the estimate are :-

1. For Building work as per schedule of rates for building work for PWD, enforced from 01.01.2015 & amended upto date. 19-07-2017
2. The work shall be carried out as per specification for building works approved by PWD, Govt. of Chhattisgarh.

7 Rate & Specifications


Sub Engineer


Sub Divisional Officer
P.W.D. Sub Dn. Surajpur


Executive Engineer
P.W.D. Division
Surajpur (C.G.)


RENOV

RENOVATION OF STAFF GENTS/LEDIES URINAL AT REVTLR
MISHRA COLLEGE SURAJPUR(CG)

GENERAL ABSTRACT

Cost of Civil work			
1	Gents/Ledies Urinal	Rs.	284766.31
2	Electrification 10.0 %	Rs.	28476.63
	"	Rs.	313242.94
	GRAND TATOL	Rs.	313242.94
	Say	Rs.	3.13 Lacs


Sub-Engineer
PWD Surajpur


Sub-Div. Officer
PWD Sub-Div. Surajpur


Executive Engineer
PWD(B/R) Division Surajpur

RENOVATION OF STAFF GENTS/LEDIES URINAL AT REVTI RAMAN MISHRA COLLEGE

SURAJPUR(CG)

**GROUND FLOOR
DETAIL & ABSTRACT SHEET**

SN	Item No.	Particular Name	No.	Measurement			Qty	Unit	Rate	Amount
				L	B	H/D.				
1	2	3	4	5	6	7	8	9	10	11
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soil								
		Column	6	1.2	1.2	1.2	10.368			
							10.368	cum	185	1918.00
2	3.1	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	1	4.10	3.1	0.1	1.271			
		Column	6	1.2	1.2	0.10	0.864			
		For Ground Beam & Plinth Beam								
		Horizontal Direction	2	3.30	2.40	0.10	1.584			
			3	2.20	0.30	0.10	0.198			
			4	3.30	0.30	0.10	0.396			
							4.313	cum	2,970.00	12810.00
3	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand)								
		Below Plinth Beam								
		Above Ground Beam								
		Horizontal Direction	3	2.20	0.20	0.40	0.528			
			4	3.30	0.20	0.40	1.056			
			3	2.20	0.20	2.45	3.234			
			4	3.30	0.20	2.45	6.468			
			8	0.80	0.20	1.20	1.536			
							12.822			
		Deduction								
		D	2	0.90	0.20	2.45	0.882			
		V	4	0.60	0.20	0.30	0.144			
							1.026			
							Net			
							11.796	cum	3,350.00	39517.00
4	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		For Column Footing	6	1.2	1.2	0.4	3.456			
		Up to GL	6	0.20	0.2	0.8	0.192			

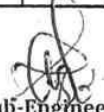
SN	Item No.	Particular Name	No.	Measurement			Qty	Unit	8	9	10	11	12	13	14	15
				L	B	H./D.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		For Ground Beam & Plinth Beam Horizontal Direction	3	2.20	0.20	0.30	0.396									
			4	3.30	0.20	0.30	0.792									
		Column GL Up to PL	6	0.2	0.3	0.60	0.216									
		Column PL Up to LL	6	0.2	0.3	2.45	0.882									
			6	0.2	0.3	0.30	0.108									
		Slab Beam	3	2.2	0.2	0.30	0.396									
			4	3.3	0.2	0.30	0.792									
			1	7.80	3.10	0.125	3.0225									
							10.253	cum	4,163.00							
5	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.														
							10.368-(0.864+3.456+0.192)	5.856	cum	65.00						
6	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:														
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.														
		For Footing Side Ground Floor														
		Column up to GL	6	2(0.2+0.30)	0.8	4.80										
		Column up to PL	6	2(0.2+0.30)	0.6	3.60										
							8.40	sqm	139.00							
	2.1.5	Columns, Pillars, Piers and likes-rectangular or square in shape Column up to LL	6	2(0.2+0.30)	2.45	14.70										
							14.70	sqm	297.00							
	2.1.8	Beams, lintels, cantilevers & walls For Lintel Beam														
		Horizontal Direction Plinth Beam	6	2.20	0.30	3.96										
			8	3.30	0.30	7.92										
		Slab Beam	6	2.20	0.30	3.96										
			8	3.30	0.30	7.92										
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)					23.76	sqm	202.00							
			1	7.8	3.1	24.18										
							24.18	sqm	235.00							
7	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:														
	3.12.1	Thermo-Mechanically treated bars FE 415														
							10.253 X100 Kg/Cum	1025.25	kg	54.5						


No.	Particular Name	No.	Measurement			Qty	Unit	Rate	Amount
			L	B	H/D.				
1	3	4	5	6	7	8	9	10	11
8	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:							
			3	2.20	0.20	2.45	3.234		
			4	3.30	0.20	2.45	6.468		
			8	0.80	0.20	1.20	1.536		
		Deduction					9.702		
		D	2	0.80	0.20	2.45	0.784		
		V	4	0.60	0.20	0.30	0.144		
							0.928		
						Net	8.774	cum	121.00
9	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.							
			2	3.3	2.4	0.8	12.672		
							12.672	Cum	371
10	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat of red oxide zinc chromate primer..							
		Ground Floor							
		D	2	0.90		2.45	4.410		
		V	4	0.60		0.30	0.720		
							5.130		
							@ 25.00 kg /Sqm		
							128.25	kg	67.5
11	12.7	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.							
	12.7.2	Size above 200x300 mm							
		Toilet	4	2.4		1.5	14.400		
			4	3.3		1.5	19.800		
			16	0.8		1.2	15.360		
			8	0.2		1.2	1.920		
							51.480	sqm	646.00
12	11.3	15mm thick cement plaster on the rough side of single or half brick wall of mix:							
	11.3.4	In Cement Mortar 1:5 (1 cement : 5 fine sand)							
		Inside Room							
		Toilet	4	2.4		2.65	25.440		
			4	3.3		2.65	34.980		
		Deduct	2	0.9		2.45	-4.410		
							56.010	sqm	107.00
13	11.2	12mm thick cement plaster of mix:							


SN	Item No.	Particular Name	No.	Measurement			Qty	Unit	Rate	Amount
				L	B	H./D.				
1	2	3	4	5	6	7	8	9	10	
	11.2.4	In Cement Mortar 1:5 (1 cement : 5 fine sand) Outside Building	2	7.20	-	3.45	49.68			
			2	2.80	-	3.45	19.32			
							69.000			
		Deduction	V 2	0.60	-	0.30	0.36			
							0.360			
						Net	68.640	sqm	91.50	
14	14.9	Distempering with acrylic washable distemper to give an even shade.								
	14.9.1	On new work (two or more coats)	4	2.4		2.65	25.44			
			4	3.3		2.65	34.98			
		Celing	2	2.4	3.3		15.84			
							76.26			
		Deduct	4	2.4		1.5	14.40			
			4	3.3		1.5	19.80			
							34.20			
							42.06	sqm	38.00	
									1598.00	
15	14.14	Finishing walls with water proofing cement paint of required shade to give an even shade								
	14.14.1	On new work (Two or more coats applied @ 3.84 kg/10 sqm)	Qty Same as Item No.11.2.4				68.64	sqm	41.00	
									2814.00	
16	14.22	Painting on new work (two or more coats) to give an even shade with:								
	14.22.1	Satin synthetic enamel paint	V 8	0.60	-	0.30	1.44			
			D 4	0.80	-	2.45	7.84			
							9.280	sqm	55.00	
									510.00	
17	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork.								
		Horizontal Direction	4	2.20	0.20	0.05	0.088			
			4	3.30	0.20	0.05	0.132			
							0.22	cum	4,237.00	
									932.00	
18	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.								
	12.9.1	Size 300x300mm	2	2.40	3.30		15.84			
							15.84	sqm	692.00	
									10961.00	
19	18.17	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :								
	18.17.5	White Oval or round size 550x400mm.	2					each	1,605.00	
						2			3210.00	

SN	Item No.	Particular Name	No.	Measurement			Qty	Unit	Rate	Amount
				L	B	H./D.				
1	2	3	4	5	6	7	8	9	10	11
20	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.								
	18.76.1	75 mm dia pipe.	1	5			5	metre	182.00	910.00
	18.76.2	110 mm dia pipe.	1	5			5	metre	267.00	1335.00
21	19.7	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.1	15 mm dia. nominal bore	1	20			20	metre	149.00	2980.00
	19.7.2	20 mm dia. nominal bore	1	10			10	metre	185.00	1850.00
	19.7.3	25 mm dia. nominal bore	1	10			10	metre	258.00	2580.00
22	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality :								
	19.13.1	Bib cock(250 grams)	5	2			10	each	185.00	1850.00
	19.13.2	Stop cock(350 grams)	5	2			10	each	237.00	2370.00
23	18.13.1	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete Flat back half stall urinal of size 460x380x250mm	4				4	each	1776.00	7104.00
24	18.16	Providing and fixing one piece construction white vitreous china squatting plate urinal with an integral rim longitudinal flushing pipe.	4				4	each	1401.00	5604.00
25	20.31	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	2				1	each	1709.00	1709.00
26	19.42	Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1x1000				1000	litre	7.30	7300.00

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Sub-Engineer
PWD Surajpur

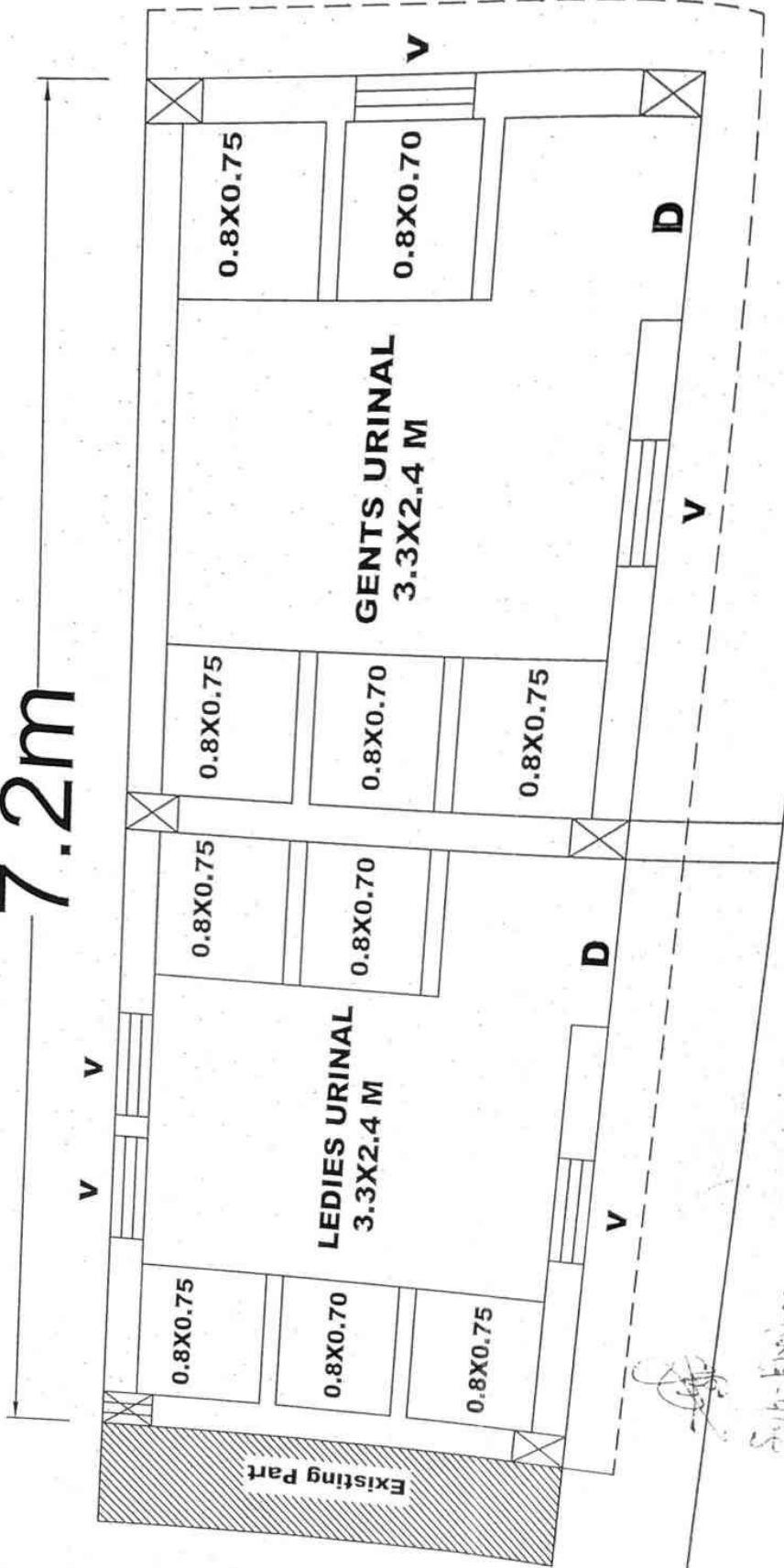

Sub-Div. Officer
PWD Sub-Div. Surajpur


Executive Engineer
PWD (B/R) Division Surajpur

GENTS/LEDIES URINAL AT RRM COLLEGE SURAJPUR(CG)

7.2m

2.8m



[Signature]
Sub-Engineer

GOVERNMENT OF CHHATTISGARH



PUBLIC WORK DEPARTMENT

NAME OF PROJECT

RENOVATION OF STAFF GENTS/LEDIES URINAL/TOILET AT
REVTI RAMAN MISHRA COLLEGE SURAJPUR(CG)

ESTIMATED COST - Rs. 3.84 Lacs

EXECUTIVE ENGINEER
P.W.D. (B/R) DIVISION
SURAJPUR (C.G.)

REPORT & SPECIFICATION

1 Name of Work : **RENOVATION OF STAFF GENTS/LEDIES URINAL/TOILET AT REVTI
RAMAN MISHRA COLLEGE SURAJPUR(CG)**

3 Estimate Amount : **3.84 Lacs**

4 Authority :

5 Necessity : As per Requirement This Estimate is Prepared

6 Provisions :

1. Foundation :-

- a. Foundation is designed with R.C.C column Rectangle column footing and excavated till the safe hard strata.
R.C.C **1:1.5:3** concrete and reinforcement confirming to TMT Bar.Base concrete of **1:3:6**
- b. Plinth height is **60** cm.
- c. Plinth is filled with Soil murrom/sand with proper watering and ramming.

2. Super Structure:-

All RCC framed structure with **(1:1.5:3)** grade concrete and reinforcement confirming to TMT Bar.

3. Formwork :-

Formwork of the structure is proposed with steel plates in the RCC work.

4. Brick Work :-

Fly Ash Brick work of the Plinth & structure will be 200 mm thick in cement Morter 1:6

5. Plastering :-

- a. 12mm thick plastering in internal walls.
- b. 15mm thick plaster in external walls.

6. Flooring and stone work :-

- a) **Ceremic glazed tiles** Flooring in toilets
- b) **Ceremic glazed wall tiles** in toilets up to lintel level

7. Painting and Finishes :-

- a. Internal walls - **distemper**.
- b. External walls - **Cement Base Colour**

8. Door & Windows :-

- a. Door framed made of **Angle & Sheet**


9. Water supply, Drainage and sanitary installation.


- a. Water supply pipelines are provided in G.I. pipes and all drainage pipe line will be in PVC.


Rates adopted in the estimate are :-

1. For Building work as per schedule of rates for building work for PWD, enforced from **01.01.2015** & amended upto date. 19-07-2017
2. The work shall be carried out as per specification for building works approved by PWD, Govt. of Chhattisgarh.

7 Rate &
Specifications


Sub Engineer



Sub Divisional Officer
P.W.D. Sub Dn. Surajpur



Executive Engineer
P.W.D. Division
Surajpur (C.G.)


RENOVATION OF STAFF GENTS/LEDIES URINAL/TOILET AT REVTI
RAMAN MISHRA COLLEGE SURAJPUR(CG)

GENERAL ABSTRACT

Cost of Civil work			
1	Gents/Ledies Urinal	Rs.	348768.31
2	Electrification 10.0 %	Rs.	34876.83
		Rs.	383645.14
	GRAND TATOL	Rs.	383645.14
	Say	Rs.	3.84 Lacs


Sub-Engineer
PWD Surajpur


Sub-Div. Officer
PWD Sub-Div. Surajpur


Executive Engineer
PWD(B/R) Division Surajpur

**RENOVATION OF STAFF GENTS/LEDIES URINAL/TOILET AT REVTI RAMAN MISHRA
COLLEGE SURAJPUR(CG)**

**GROUND FLOOR
DETAIL & ABSTRACT SHEET**

SN	Item No.	Particular Name	No.	Measurement			Qty	Unit	Rate	Amount
				L	B	H./D.				
1	2	3	4	5	6	7	8	9	10	11
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soil	1	4.7	3.7	2.5	43.475			
		Column	6	1.2	1.2	1.2	10.368			
							53.843	cum	185	9961.00
2	3.1	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	1	4.10	3.1	0.1	1.271			
		Column	6	1.2	1.2	0.10	0.864			
		For Ground Beam & Plinth Beam								
		Horizontal Direction	2	3.30	2.40	0.10	1.584			
			3	2.20	0.30	0.10	0.198			
			4	3.30	0.30	0.10	0.396			
							4.313	cum	2,970.00	12810.00
3	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand) Below Plinth Beam								
			2	4.10	0.3	2.4	5.904			
			2	2.50	0.3	2.4	3.6			
			1	2.50	0.2	2.4	1.2			
		Above Ground Beam								
		Horizontal Direction	3	2.20	0.20	0.40	0.528			
			4	3.30	0.20	0.40	1.056			
			3	2.20	0.20	2.45	3.234			
			4	3.30	0.20	2.45	6.468			
			8	0.80	0.20	1.20	1.536			
							23.526			
		Deduction								
			D	2	0.90	0.20	2.45	0.882		
			V	4	0.60	0.20	0.30	0.144		
							1.026			
							Net	22.500	cum	3,350.00
										75375.00
4	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								

SN	Item No.	Particular Name	No.	Measurement			Qty	Unit	Rate	Amount	
				L	B	H/D.					
1	2	3	4	5	6	7	8	9	10	11	
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).									
		For Column Footing	6	1.2	1.2	0.4	3.456				
		Up to GL	6	0.20	0.2	0.8	0.192				
		For Ground Beam & Plinth Beam									
		Horizontal Direction	3	2.20	0.20	0.30	0.396				
			4	3.30	0.20	0.30	0.792				
		Column GL Up to PL	6	0.2	0.3	0.60	0.216				
		Column PL Up to LL	6	0.2	0.3	2.45	0.882				
			6	0.2	0.3	0.30	0.108				
		Slab Beam	3	2.2	0.2	0.30	0.396				
			4	3.3	0.2	0.30	0.792				
			1	7.80	3.10	0.125	3.0225				
			1	4.10	3.10	0.125	1.58875				
							11.841	cum	4,163.00	49295.00	
5	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.									
							10.368-(0.864+3.456+0.192)	5.856	cum	65.00	381.00
6	2.1	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:									
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.									
		For Footing Side									
		Ground Floor									
		Column up to GL	6	2(0.2+0.30)		0.8	4.80				
		Column up to PL	6	2(0.2+0.30)		0.6	3.60				
							8.40	sqm	139.00	1168.00	
	2.1.5	Columns, Pillars, Piers and likes-rectangular or square in shape									
		Column up to LL	6	2(0.2+0.30)		2.45	14.70				
							14.70	sqm	297.00	4366.00	
	2.1.8	Beams, lintels, cantilevers & walls									
		For Lintal Beam									
		Horizontal Direction									
		Plinth Beam	6	2.20		0.30	3.96				
			8	3.30		0.30	7.92				
		Slab Beam	6	2.20		0.30	3.96				
			8	3.30		0.30	7.92				
							23.76	sqm	202.00	4800.00	
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)									
			1	7.8	3.1		24.18				
							24.18	sqm	235.00	5682.00	


SN	Item No.	Particular Name	No.	Measurement			Qty	Unit	Rate	Amount
				L	B	H./D.				
1	2	3	4	5	6	7	8	9	10	11
7	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.1	Thermo-Mechanically treated bars FE 415								
				11.841 X100 Kg /Cum			1184.125	kg	54.5	64535.00
8	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
			3	2.20	0.20	2.45	3.234			
			4	3.30	0.20	2.45	6.468			
			8	0.80	0.20	1.20	1.536			
							9.702			
		Deduction								
		D	2	0.80	0.20	2.45	0.784			
		V	4	0.60	0.20	0.30	0.144			
							0.928			
							Net	8.774	cum	121.00
9	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
			2	3.3	2.4	0.8	12.672			
							12.672	Cum	371	4701.31
10	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat of red oxide zinc chromate primer.								
		Ground Floor								
		D	2	0.85		2.45	4.165			
		V	4	0.60		0.30	0.720			
							4.885			
							@ 25.00 kg /Sqm			
							122.125	kg	67.5	8243.00
11	12.7	Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete.								
	12.7.2	Size above 200x300 mm								
		Toilet	4	2.4		1.5	14.400			
			4	3.3		1.5	19.800			
			16	0.8		1.2	15.360			
			8	0.2		1.2	1.920			
							51.480	sqm	646.00	33256.00
12	11.3	15mm thick cement plaster on the rough side of single or half brick wall of mix:								


SN	Item No.	Particular Name	No.	Measurement			Qty	Unit	Rate	Amount
				L	B	H/D.				
1	2	3	4	5	6	7	8	9	10	11
13	11.3.4	In Cement Mortar 1:5 (1 cement : 5 fine sand) Inside Room								
		Toilet	4	2.4		2.65	25.440			
			4	3.3		2.65	34.980			
		Deduct	2	0.9		2.45	-4.410			
							56.010	sqm	107.00	5993.00
13	11.2	12mm thick cement plaster of mix:								
	11.2.4	In Cement Mortar 1:5 (1 cement : 5 fine sand) Outside Building								
			2	7.20	-	3.45	49.68			
			2	2.80	-	3.45	19.32			
		Deduction					69.000			
		V	2	0.60	-	0.30	0.36			
							0.360			
						Net	68.640	sqm	91.50	6281.00
14	14.9	Distemping with acrylic washable distemper to give an even shade.								
	14.9.1	On new work (two or more coats)								
			4	2.4		2.65	25.44			
			4	3.3		2.65	34.98			
		Celing	2	2.4	3.3		15.84			
							76.26			
	Deduct									
			4	2.4		1.5	14.40			
			4	3.3		1.5	19.80			
							34.20			
							42.06	sqm	38.00	1598.00
15	14.14	Finishing walls with water proofing cement paint of required shade to give an even shade								
	14.14.1	On new work (Two or more coats applied @ 3.84 kg/10 sqm)					68.64	sqm	41.00	2814.00
16	14.22	Painting on new work (two or more coats) to give an even shade with:								
	14.22.1	Satin synthetic enamel paint								
			V	8	0.60	-	0.30	1.44		
			D	4	0.80	-	2.45	7.84		
							9.280	sqm	55.00	510.00
17	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork.								
		Horizontal Direction								
			4	2.20	0.20	0.05	0.088			
			4	3.30	0.20	0.05	0.132			
							0.22	cum	4,237.00	932.00
18	12.9	Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.								
	12.9.1	Size 300x300mm	2	2.40	3.30	-	15.84			
							15.04	sqm	692.00	10961.00


SN	Item No.	Particular Name	No.	Measurement			Qty	Unit	Rate	Amount
				L	B	H/D.				
1	2	3	4	5	6	7	8	9	10	
19	18.17	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required :								
20	18.17.5	White Oval or round size 550x400mm.	2				2	each	1,605.00	3210.00
	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.								
21	18.76.1	75 mm dia pipe.	1	5			5	metre	182.00	910.00
	18.76.2	110 mm dia pipe.	1	5			5	metre	267.00	1335.00
21	19.7	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.1	15 mm dia. nominal bore	1	20			20	metre	149.00	2980.00
22	19.7.2	20 mm dia. nominal bore	1	10			10	metre	185.00	1850.00
	19.7.3	25 mm dia. nominal bore	1	10			10	metre	258.00	2580.00
22	19.13	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality :								
	19.13.1	Bib cock(250 grams)	5	2			10	each	185.00	1850.00
23	19.13.2	Stop cock(350 grams)	5	2			10	each	237.00	2370.00
	18.13.1	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete Flat back half stall urinal of size 460x380x250mm	2				2	each	1776.00	3552.00
24	18.1.3	Providing and fixing water closet squatting pan (Indian type W.C. pan), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required : White Orissa pattern W.C. pan of size 580x440 mm	4				4	each	2899.00	11596.00
25	18.16	Providing and fixing one piece construction white vitreous china squatting plate urinal with an integral rim longitudinal flushing pipe.	2				2	each	1401.00	2802.00
26	20.31	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	1				1	each	1709.00	1709.00

SN	Item No.	Particular Name	No.	Measurement			Qty	Unit	Rate	Amount
				L.	B	H./D.				
1	2	3	4	5	6	7	8	9	10	11
27	19.42	Providing and placing on terrace (at all levels) polyethylene water storage tank ISI marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1x1000				1000	litre	7.30	7300.00

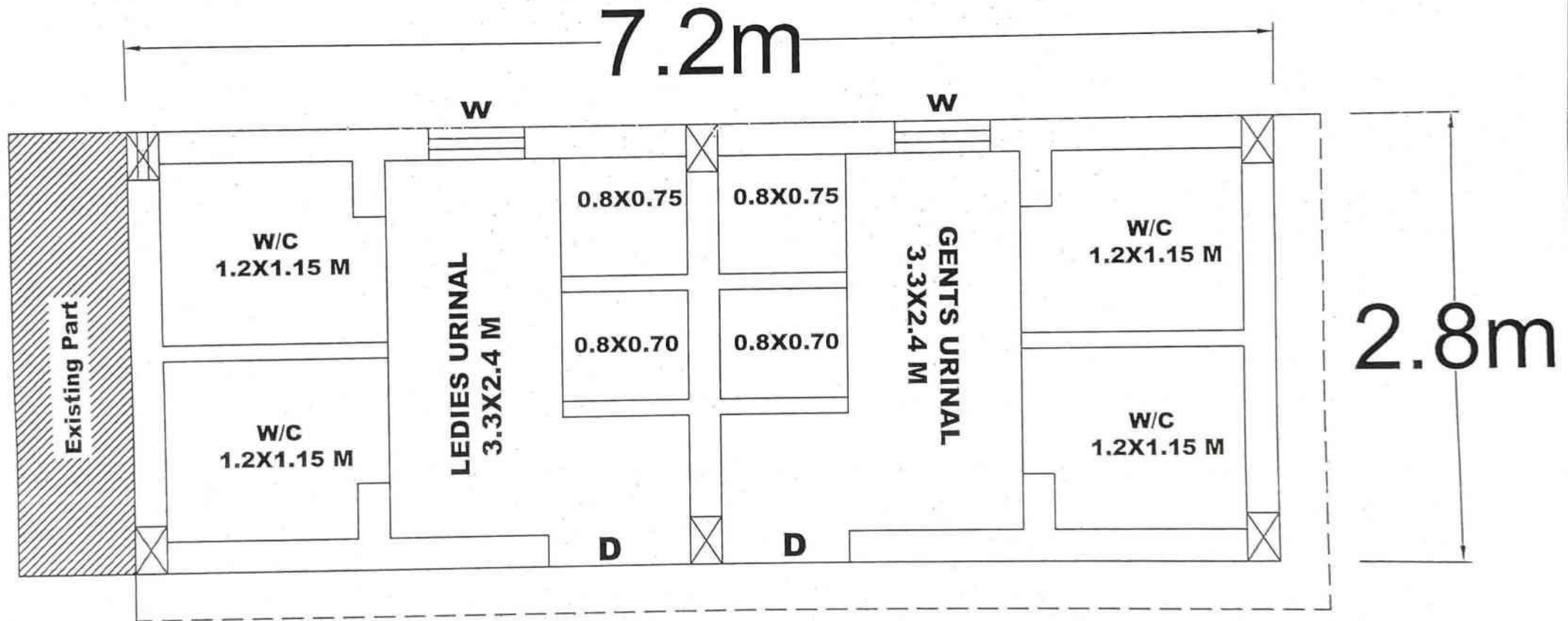
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Sub-Engineer
PWD Surajpur


Sub-Div. Officer
PWD Sub-Div. Surajpur


Executive Engineer
PWD (B/R) Division Surajpur

GENTS/LEDIES URINAL/TOILET AT REVTI RAMAN MISHRA COLLEGE SURAJPUR(CG)



Sub-Engineer

GOVERNMENT OF CHHATTISGARH



PUBLIC WORK DEPARTMENT

NAME OF PROJECT


RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA
COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)


ESTIMATED COST - Rs. 8.90 lacs


EXECUTIVE ENGINEER
P.W.D. (B/R) DIVISION
SURAJPUR (C.G.)

REPORT AND SPECIFICATION

- 1) Name of Work : **RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)**
- 2) Estimated cost : **Rs 8.90 Lacs**
- 3) Necessity : **As demand by the Principal Govt. College Surajpur for Renovation estimation of Existing Building**
- 4) Provision : **Following provision have been made in this Building.**
- : 1 Fume Hood
 - : 2 Providing wood work in frames of doors,
 - : 3 Providing and fixing flush door shutters,
 - 4 Providing and fixing bright finished brass sliding door bolt
 - 5 Providing and fixing bright finished brass door handles
 - 6 Brick work with modular fly-ash lime bricks (FaLG Bricks)
 - 7 Providing and laying nominal mix reinforced cement concrete
 - 8 15 mm thick Table rubbed polished Granite stone slab
 - 9 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes,
 - 10 Providing and placing on terrace (at all floor levels) polyethylene water storage tank
- 5) Rate : **All rates are as per Schedule of rate in C.G. P.W.D. in forced from 1st JAN.2015 and Amended up to Date 19-07-2017**
- 6) Specification : **C.G P.W.D.Building works S.O.R. 01/01/2015**


SUB ENGINEER
P.W.D.


SUB DIVISIONAL OFFICER
DIVISION SURAJPUR


EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR


**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING
BUILDING DISTT-SURAJPUR (C.G.)**

GENERAL ABSTRACT OF ESTIMATE


S.NO.	PARTICULARS OF ITEMS	AMOUNT
1	2	3
1	Renovation of RRM College Building (Civil Work)	881250.91
2	Workcharged & Contingencies Add 1% extra	8813.00
		890063.91
	Say Rs	8.90 lacs

Note :-

- 1 Rates has been taken from schedule of Rates of C.G.P.W.D. in force from 01 JAN. 2015.


SUB ENGINEER
P.W.D.


SUB DIVISIONAL OFFICER
SURAJPUR


EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING
DISTT-SURAJPUR (C.G.)**

S.O.R. ITEM	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT	
1	2	3	4	5	6	7	8	9	10	11
1	NSOR	Fume Hood (Aparatus which Exhaust harmful Gases due to Produce Chemical reaction in Lab)	2				1	each	275000	275000.00
2	8.1	Providing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position.								
	8.1.2	Sal, bijasal, benteak, khair, haldu	24	2.1	0.08	0.12	0.48384			
			12	0.9	0.08	0.12	0.10368			
							0.58752	Cum	61051	35868.68
3	8.12	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.								
	8.12.3	30 mm. thick (single leaf)	12	0.88		2.07	21.8592	Sqm	1832	40046.05
4	8.60	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete:								
	8.60.2	250x16mm	24				24	Each	344	8256.00
5	8.62	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete:								
	8.62.3	150x10mm	12				12	Each	176	2112.00
6	8.65	Providing and fixing bright finished brass door handles with brass polished MS screws complete:								
	8.65.1	125 mm	48				48	Each	55.5	2664.00
7	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand)	4	3.5	0.2	3.35	9.38			
			8	3.4	0.2	3.35	18.224			
		Platform	20	0.7	0.2	0.85	2.38			
							29.984	Cum	3350	100446.40
8	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).	9	3.8	0.7	0.1	2.394			
			10	3.2	0.7	0.1	2.24			
			12	3	0.7	0.1	2.52			
							7.154	Cum	4163	29782.10
9	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.1	Thermo-Mechanically treated bars FE 415					7.154 @ 90 kg/Cum	kg	54.5	35090.37

S.O.R. ITEM	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT
2	3	4	5	6	7	8	9	10	11
11	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:							
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)							
		9	3.8	0.7		23.94			
		10	3.2	0.7		22.4			
		12	3	0.7		25.2			
		9	3.8		0.1	3.42			
		10	3.2		0.1	3.2			
		12	3		0.1	3.6			
						81.76	Sqm	235	19213.60
12	12.45	15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. complete. (Area of slab should be 0.50 sqm and above)							
		9	3.8	0.7		23.94			
		10	3.2	0.7		22.4			
		12	3	0.7		25.2			
		9	3.8		0.15	5.13			
		10	3.2		0.15	4.8			
		12	3		0.15	5.4			
		9	3.8	0.15		5.13			
		10	3.2	0.15		4.8			
	12	3	0.15		5.4				
						102.2	Sqm	2646	270421.20
13	19.5	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.							
	19.5.1	15 mm nominal outer dia .Pipes.	25	2.5		62.5	Metre	133	8312.50
	19.5.2	20 mm nominal outer dia .Pipes.	20	3.5		70	Metre	167	11690.00
	19.5.3	25 mm nominal outer dia .Pipes.	30	3.2		96	Metre	213	20448.00
14	19.42	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank							
		1	3000			3000	Litre	7.3	21900.00


001250.91



SUB ENGINEER
P.W.D.



SUB DIVISIONAL OFFICER
SURAJPUR



EXECUTIVE ENGINEER
P.W.D.(U/R) DIVISION
SURAJPUR

GOVERNMENT OF CHHATTISGARH



PUBLIC WORK DEPARTMENT

NAME OF PROJECT

RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA
COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)


ESTIMATED COST - Rs. 2.18 lacs

EXECUTIVE ENGINEER
P.W.D. (B/R) DIVISION
SURAJPUR (C.G.)

REPORT AND SPECIFICATION

- 1) Name of Work : RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)
- 2) Estimated cost : Rs 2.18 Lacs
- 3) Necessity : As demand by the Principal Govt. College Surajpur for Renovation estimation of Existing Building
- 4) Provision : Following provision have been made in this Building.
- : 1 Providing and laying vitrified floor tiles with double charge/ multi charge
 - : 2 Dismantling lime/ cement plaster or skirting at any height
 - : 3 Grading roof for water proofing treatment
 - : 4 Providing and laying porcelain floor tiles
- 5) Rate : All rates are as per Schedule of rate in C.G. P.W.D. in forced from 1st JAN.2015 and Amended up to Date 19-07-2017
- 6) Specification : C.G P.W.D.Building works S.O.R. 01/01/2015


SUB ENGINEER
P.W.D.


SUB DIVISIONAL OFFICER
DIVISION SURAJPUR


EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING
BUILDING DISTT-SURAJPUR (C.G.)**

GENERAL ABSTRACT OF ESTIMATE

S.NO.	PARTICULARS OF ITEMS	AMOUNT
1	2	3
1	Renovation of RRM College Building (Civil Work)	215895.00
2	Workcharged & Contingencies Add 1% extra	2159.00
		218054.00
	Say Rs	2.18 lacs

Note :-

- 1 Rates has been taken from schedule of Rates of C.G.P.W.D. in force from 01 JAN. 2015.



SUB ENGINEER
P.W.D.



SUB DIVISIONAL OFFICER
SURAJPUR



EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR


**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING DISTT-
SURAJPUR (C.G.)**

NO.	S.O.R. ITEM	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
1	12.13	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.								
	12.13.1	Size 600x600mm	2	7.5	7		105.00			
			1	6	8		48.00			
			1	3.35	7.5		25.13			
			2	4	4		32.00			
							105.13	Sqm	1151	120999.00
2	16.37	Dismantling lime/ cement plaster or skirting at any height raking out joints and cleaning the surface for plaster including disposal of rubbish within 50 metres lead.								
			2	7.5	7		105.00			
			1	6	8		48.00			
			1	3.35	7.5		25.13			
			2	4	4		32.00			
							210.13	Sqm	11	2311.00
3	4.13	Grading roof for water proofing treatment								
	4.13.1	Cement concrete 1:2:4 (1 cement : 2 coarse								
			2	7.5	7	0.05	5.25			
			1	6	8	0.05	2.40			
			1	3.35	7.5	0.05	1.26			
			2	4	4	0.05	1.60			
							10.51	Cum	3817	40102.00
4	12.11	Providing and laying porcelain floor tiles of size absorption's less than 0.5% and conforming to IS : 15622 of approved make , laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.								
			1	1.5	1.50		2.25			
			2	25.4	0.15		7.62			
			5	7.5	1.5		56.25			
			1	2	1.5		3			
			1	3.2	1.5		4.8			
							73.92	Sqm	710	52403.00

215895.00


SUB ENGINEER
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EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

GOVERNMENT OF CHHATTISGARH



PUBLIC WORK DEPARTMENT

NAME OF PROJECT

RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA
COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)

ESTIMATED COST - Rs. 16.97 lacs


EXECUTIVE ENGINEER
P.W.D. (B/R) DIVISION
SURAJPUR (C.G.)

REPORT AND SPECIFICATION

- 1) Name of Work : **RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING DISIT-SURAJPUR (C.G.)**
- 2) Estimated cost : **Rs 16.97 Lacs**
- 3) Necessity : **As demand by the Principal Govt. College Surajpur for Renovation estimation of Existing Building**
- 4) Provision : **Following provision have been made in this Building.**
- : 1 25 mm thick KOTA stone slab flooring over 20mm (Average)
 - : 2 Brick work with modular fly-ash lime bricks (FaLG Bricks) c
 - : 3 Providing and filling in plinth with sand/ Crusher dust
 - : 4 Providing and fixing double glazed hermetically sealed glazing
 - : 5 Providing and fixing white vitreous china urinal basin
 - : 6 Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid
- 5) Rate : **All rates are as per Schedule of rate in C.G. P.W.D. in forced from 1st JAN.2015 and Amended up to Date 19-07-2017**
- 6) Specification : **C.G P.W.D.Building works S.O.R. 01/01/2015**


SUB ENGINEER
P.W.D.


SUB DIVISIONAL OFFICER
DIVISION SURAJPUR


EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING
BUILDING DISTT-SURAJPUR (C.G.)**

GENERAL ABSTRACT OF ESTIMATE

S.NO.	PARTICULARS OF ITEMS	AMOUNT
1	2	3
1	Renovation of RRM College Building (Civil Work)	1040570.00
2	Split AC In Principal Chamber 2.0 No's)	90000.00
3	Old Building Electrification Renovation	550000.00
		1680570.00
4	Workcharged & Contingencies Add 1% extra	16806.00
		1697376.00
	Say Rs	16.97 lacs

Note :-

- 1 Rates has been taken from schedule of Rates of
C.G.P.W.D. in force from 01 JAN. 2015.



SUB ENGINEER
P.W.D.



SUB DIVISIONAL OFFICER
SURAJPUR



EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING
DISTT-SURAJPUR (C.G.)**


S.NO.	S.O.R. ITEM	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
1	12.49	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)								
		Court Yard	1	22.3	21.25		473.875			
			1	5	10		50.0			
		Stair	5	1.2	0.3		1.8			
			6	1.2		0.15	1.1			
			2	0.3		0.75	0.5			
			2	0.3		0.6	0.4			
			2	0.3		0.45	0.3			
			2	0.3		0.3	0.2			
			2	0.3		0.15	0.1			
							528.105	Sqm	897	473710.00
2	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand)	1	5	0.3	0.9	1.35			
			1	8	0.3	0.9	2.16			
		Stair	2	1.2	0.3	0.75	0.54			
			2	1.2	0.3	0.6	0.432			
			2	1.2	0.3	0.45	0.324			
			2	1.2	0.3	0.3	0.216			
			2	1.2	0.3	0.15	0.108			
							5.13	Cum	3350	17186.00
3	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
		Stage at Court yard	1	4.7	7.7	0.8	28.952	Cum	371	10741.00
4	3.1	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	1	5	8	0.1	4	Cum	2970	11880.00
5	9.53	Providing and fixing double glazed hermetically sealed glazing in aluminium windows, ventilators and partition etc. with 6 mm thick clear float glass both side having 12 mm air gap including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant (Both primary and secondary sealant) etc. complete.								
			8	3.8		3.8	115.52	Sqm	3159	364928.00

S.NO.	S.O.R. ITEM	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	
6	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately:								
	9.47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).	20	1.2		1.2	28.8			
7	9.51	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete. (Cost of aluminium snap beading shall be paid in basic item):				12.0 Kg Per Sqm	345.6	Kg	338	116813.00
	9.51.3	With float glass panes of 6 mm thickness	40	0.45		1.2	21.6		804	17366.00
8	9.33	Providing and fixing GI wire gauge of average width of aperture 1.56mm with wire of 0.45mm to existing steel door, window shutter frames with necessary M.S. strip beading etc. complete.	20	0.45		1.2	10.8	Sqm	569	6145.00
9	18.15	Providing and fixing one piece construction white vitreous china squatting urinal with an integral rim longitudinal flushing pipe, standard size G.I. flush pipe for back and front flush, C.P. brass coupling complete including cutting and making good the walls and floors etc. wherever required :	3				3	Each	2014	6042.00
10	18.13	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:	3				3	each	1776	5328.00
	18.13.1	Flat back half stall urinal of size 460x380x250mm	3				3	each	1776	5328.00
11	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.								
	18.76.1	75 mm dia pipe.	4	3			12	Meter	182.00	2184.00
	18.76.2	110 mm dia pipe.	6	3.5			21	Meter	267.00	5607.00
	18.76.3	150 mm dia pipe.	2	3			6	Meter	440.00	2640.00

1040570.00


SUB ENGINEER
P.W.D.


SUB DIVISIONAL OFFICER
SURAJPUR


EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

GOVERNMENT OF CHHATTISGARH



PUBLIC WORK DEPARTMENT

NAME OF PROJECT


RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA
COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)


ESTIMATED COST - Rs. 10.64 lacs

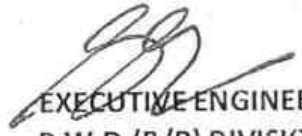
EXECUTIVE ENGINEER
P.W.D. (B/R) DIVISION
SURAJPUR (C.G.)

REPORT AND SPECIFICATION

- 1) Name of Work : **RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)**
- 2) Estimated cost : **Rs 10.64 Lacs**
- 3) Necessity : **As demand by the Principal Govt. College Surajpur for Renovation estimation of Existing Building**
- 4) Provision : **Following provision have been made in this Building.**
- : 1 Providing and fixing aluminium composite panels
 - : 2 Providing and laying vitrified floor tiles with double charge/ multi charge
 - : 3 Providing and fixing GI wire gauge of average width of aperture 1.56mm
 - : 4 Providing and fixing in position collapsible steel shutters
 - : 5 Excavation for all types and sizes of foundations
 - : 6 Brick work with modular fly-ash lime bricks (FaLG Bricks)
 - : 7 Providing and constructing brick masonry chamber
 - : 8 Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded
 - : 9 Boring/drilling bore well perfectly vertical for the specified depth
 - : 10 Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand,
- 5) Rate : **All rates are as per Schedule of rate in C.G. P.W.D. in forced from 1st JAN.2015 and Amended up to Date 19-07-2017**
- 6) Specification : **C.G P.W.D.Building works S.O.R. 01/01/2015**


SUB ENGINEER
P.W.D.


SUB DIVISIONAL OFFICER
DIVISION SURAJPUR


EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING
BUILDING DISTT-SURAJPUR (C.G.)**

GENERAL ABSTRACT OF ESTIMATE

S.NO.	PARTICULARS OF ITEMS	AMOUNT
1	2	3
1	Renovation of RRM College Building (Civil Work)	1053175.73
2	Workcharged & Contingencies Add 1% extra	10532.00
	Say Rs	1063707.73 10.64 lacs

Note :-

- 1 Rates has been taken from schedule of Rates of C.G.P.W.D. in force from 01 JAN. 2015.



SUB ENGINEER
P.W.D.



SUB DIVISIONAL OFFICER
SURAJPUR



EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR


**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING DISTT-
SURAJPUR (C.G.)**

S.NO.	S.O.R. ITEM	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
1	9.61	Providing and fixing aluminium composite panels in approved panel sizes, thickness and shape on aluminium frame work on face of building. (Frame to be paid separately)								
	9.61.2	4mm thick	1	25.45		3.5	89.08			
			5	1.8		3.5	31.50			
			4	1.5		3.5	21.00			
							141.58	Sqm	1745	247048.38
2	9.60	Designing, providing and fixing aluminium frame work made of special aluminium section on building face with M.S. angle iron brackets fixed on RCC structure with S.S. hold fasteners, including providing and fixing two sided structural adhesive tape of appropriate grade (NORTON or equivalent), on aluminium sections for fixing aluminium/ glass panel, sealing on periphery of frame work, by providing EPDM gasket, silicon weather sealant between aluminium frame and building structure including hire charges of double scaffolding complete.	1	25.45		3.5	89.08			
			5	1.8		3.5	31.50			
			4	1.5		3.5	21.00			
							141.58			
						6.0 Kg Per Sqm	849.45	Kg	357	303253.65
3	12.13	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.	1	4.2	6		25.20			
	12.13.1	Size 600x600mm	1	3.5	5.8		20.30			
			1	4.5	6		27.00			
			1	3.5	4.2		14.70			
							87.20	Sqm	1151	100367.00
4	9.33	Providing and fixing GI wire gauge of average width of aperture 1.56mm with wire of 0.45mm to existing steel door, window shutter frames with necessary M.S. strip beading etc. complete.								
		Window Mosquito Net	21	1.2		1.5	37.80	Sqm	569	21509.2
5	9.11	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts, locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer.	1	3		2.3	6.90			
			1	2.5		2.3	5.75			
							12.65	Sqm	3330	42124.5

S.O.R. ITEM	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT
2	3	4	5	6	7	8	9	10	11
1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
1.1.1	In all types of soils. Pit 01	1	4	2.8	3	33.6			
						33.6	cum	185.00	6216.00
7 1.6	Extra for every additional lift of 1.5 m or part thereof.								
1.6.1	All types of soils	1	4	2.8	1.5	16.8			
						16.8	cum	26.50	445.00
8 3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	4	3.7	0.3	0.1	0.444			
		4	1.9	0.3	0.1	0.228			
						0.672	cum	2970.00	1996.00
9 7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
7.5.3	Cement Mortar 1:5 (1 cement : 5 coarse sand)	2	3.7	0.3	2.85	6.327			
		2	1.9	0.3	2.85	3.249			
						9.576	cum	3350.00	32080.00
10 3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
3.12.1	Thermo-Mechanically treated bars FE 415					13.5375 Cum @100 kg/Cum			
						1353.75	kg	54.50	73779.00
11 3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size)	1	3.7	2.5	0.15	1.3875			
	Rack in Library	30	4.5	0.9	0.1	12.15			
						13.5375	Cum	4163.00	56357.00
12 2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels; for:								
2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	1	3.1	1.9		5.89	Sqm	235.00	1384.00
13 20.29	Providing and constructing brick masonry chamber for underground pipe and bends with well burnt modular clay bricks crushing strength not less than 35kg/cm ² in cement mortar 1:4 (1 cement : 4 coarse sand) RCC cover of suitable size and 75mm thick with 1:1.5:3 mix (1 cement :1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size) including reinforcement 8mm dia bars at 150mm both ways and MS hooks for lifting, including foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design :								
20.29.1	Inside dimensions 450x600 mm and 45 cm deep for single pipe line :	3.0				3.0	Each	1530.00	4590.00

S.O.	S.O.R. ITEM	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
14	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.								
	18.76.3	150 mm dia pipe.	2x10	0.45			9.0			
			2x20	3.5			140.0			
							149.0	Meter	440.00	65560.00
15	18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.								
	18.77.1	Tee/ Tee with door/ Bend 45°/ Bend 90°								
	18.77.1.3	150 mm	20.0				20.0			
			40.0				40.0			
							60.0	Each	273.00	16380.00
16	21.2	Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge beyond 90 metre & upto 150 metre depth below ground level.								
	21.2.1	All types of soil								
	21.2.1.3	150 mm dia.	60.0				60.0	Meter	371.00	22260.00
	21.2.2	Rocky strata including Boulders								
	21.2.2.2	125 mm dia.	50.0				50.0	Meter	371.00	18550.00
17	21.4	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) slotted pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.								
	21.4.3	150 mm nominal size dia.	60.0				60.0	metre	546.00	32760.00
18	21.14	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. (excavation of pit will be paid separately).								
	21.14.1	Stone boulders of size range 5 cm to 20 cm, in recharge pit								
			Pit 01	1	2.25	1.1	1.2	2.97		
			Bore	1		(3.14x.075x.075)/4x95	0.42			
							3.39	Cum	863.00	2926.00
19	21.14.2	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders								
			Pit 01	1	2.25	1.1	1.8	4.455		
							4.455	Cum	806.00	3591.00


1053175.73



SUB ENGINEER
P.W.D.



SUB DIVISIONAL OFFICER
SURAJPUR



EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

GOVERNMENT OF CHHATTISGARH



PUBLIC WORK DEPARTMENT

NAME OF PROJECT

RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA
COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)

ESTIMATED COST - Rs. 13.92 lacs


EXECUTIVE ENGINEER
P.W.D. (B/R) DIVISION
SURAJPUR (C.G.)

REPORT AND SPECIFICATION

- 1) Name of Work : RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING DISTT-SURAJPUR (C.G.)
- 2) Estimated cost : Rs 13.92 Lacs
- 3) Necessity : As demand by the Principal Govt. College Surajpur for Renovation estimation of Existing Building
- 4) Provision : Following provision have been made in this Building.
- : 1 Providing and laying vitrified floor tiles with double charge/ multi charge
 - : 2 Dismantling lime/ cement plaster or skirting at any height
 - : 3 Grading roof for water proofing treatment
 - : 4 Providing and laying rectified ceramic glazed floor tiles of size 300x300mm
 - : 5 Providing and fixing one piece construction white vitreous china squatting plate urinal
 - : 6 Providing and fixing white vitreous china urinal basin
- 5) Rate : All rates are as per Schedule of rate in C.G. P.W.D. in forced from 1st JAN.2015 and Amended up to Date 19-07-2017
- 6) Specification : C.G P.W.D.Building works S.O.R. 01/01/2015


SUB ENGINEER
P.W.D.


SUB DIVISIONAL OFFICER
DIVISION SURAJPUR


EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING BUILDING DISTT-
SURAJPUR (C.G.)**

S.NO.	S.O.R. ITEM	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT
1	2	3	4	5	6	7	8	9	10	11
1	12.13	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.								
	12.13.1	Size 600x600mm	1	8.9	7		62.30			
			1	7	8.9		62.30			
			1	9.3	8.9		82.77			
			1	4.4	8.8		38.72			
			3	3	4.4		39.60			
			1	9	7		63.00			
			1	9	7		63.00			
			1	10.25	7		71.75			
			2	9	6		108.00			
			2	9	4.5		81.00			
			2	8	9		144.00			
							754.14	Sqm	1151	868015.00
2	16.37	Dismantling lime/ cement plaster or skirting at any height raking out joints and cleaning the surface for plaster including disposal of rubbish within 50 metres lead.								
			1	8.9	7		62.30			
			1	7	8.9		62.30			
			1	9.3	8.9		82.77			
			1	4.4	8.8		38.72			
			3	3	4.4		39.60			
			1	9	7		63.00			
			1	12	7		84.00			
			9	9	7		567.00			
			6	9	6		324.00			
			6	9	4.5		243.00			
			1	10.5	7.5		78.75			
			7	8	9		504.00			
			4	2.5	10.5		105.00			
			2	2.5	22.3		111.50			
							2365.94	Sqm	11	26025.00
3	4.13	Grading roof for water proofing treatment								
	4.13.1	Cement concrete 1:2:4 (1 cement : 2 coarse								
			1	8.9	7	0.05	3.12			
			1	7	8.9	0.05	3.12			
			1	9.3	8.9	0.05	4.14			
			1	4.4	8.8	0.05	1.94			
			3	3	4.4	0.05	1.98			
			1	9	7	0.05	3.15			
			1	12	7	0.05	4.20			
			9	9	7	0.05	28.35			
			6	9	6	0.05	16.20			
			6	9	4.5	0.05	12.15			
			1	10.5	7.5	0.05	3.94			
			7	8	9	0.05	25.20			
			4	2.5	10.5	0.05	5.25			
			2	2.5	22.3	0.05	5.58			
							110.30	Cum	3817	451540.00

**RENOVATION ESTIMATE FOR REVTI RAMAN MISHRA COLLEGE EXISTING
BUILDING DISTT-SURAJPUR (C.G.)**

GENERAL ABSTRACT OF ESTIMATE

S.NO.	PARTICULARS OF ITEMS	AMOUNT
1	2	3
1	Renovation of RRM College Building (Civil Work)	1378439.00
2	Workcharged & Contingencies Add 1% extra	13784.00
		1392223.00
	Say Rs	13.92 lacs

Note :-

- 1 Rates has been taken from schedule of Rates of C.G.P.W.D. in force from 01 JAN. 2015.



SUB ENGINEER
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EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

NO.	S.O.R. ITEM	DESCRIPTION	NO	L	B	H/D	QUANTITY	UNIT	RATE	AMOUNT
2	3		4	5	6	7	8	9	10	11
4	12.10.1	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15622 of approved make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete Size 300x300mm								
			1	2.0	1.50		3			
			2	39	0.15		11.7			
			1	2.4	1.5		3.6			
			1	2.4	1.5		3.6			
			1	1.9	1.5		2.85			
							24.75	Sqm	858	21236.00
5	18.15	Providing and fixing one piece construction white vitreous china squatting plate urinal with an integral rim longitudinal flushing pipe, standard size G.I. flush pipe for back and front flush, C.P. brass coupling complete including cutting and making good the walls and floors etc. wherever required:								
6	18.13	Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2556, and other couplings in C.P. brass complete:	1				1	Each	2014	2014.00
	18.13.1	Flat back half stall urinal of size 460x380x250mm	3				3	each	1776	5328.00
7	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.								
	18.76.1	75 mm dia pipe.	2	3			6	Meter	182.00	1092.00
	18.76.2	110 mm dia pipe.	2	3.5			7	Meter	267.00	1869.00
	18.76.3	150 mm dia pipe.	1	3			3	Meter	440.00	1320.00


1378439.00



SUB ENGINEER
P.W.D.



SUB DIVISIONAL OFFICER
SURAJPUR



EXECUTIVE ENGINEER
P.W.D.(B/R) DIVISION
SURAJPUR

कार्यालय कलेक्टर (आदिवासी विकास) सूरजपुर, जिला-सूरजपुर (छत्तीसगढ़)

Email- actwsurajpur@gmail.com

fax- 07775266082

क्रमांक /1537/ आ.वि. / भण्डार / न.क्र.138 / 2018-19

सूरजपुर, दिनांक 23/10/18

प्रति,

प्राचार्य/अधीक्षक

शा. रेवती रमन स्नातकोत्तर महाविद्यालय से संबद्ध कन्या छात्रावास सूरजपुर

जिला-सूरजपुर (छ.ग.)

विषय :-

शा. रेवती रमन स्नातकोत्तर महाविद्यालय सूरजपुर से संबद्ध कन्या छात्रावास हेतु सामग्री

प्रदाय करने बाबत।

—0—

उपरोक्त विषयान्तर्गत लेख है कि शा. रेवती रमन स्नातकोत्तर महाविद्यालय से संबद्ध कन्या

छात्रावास सूरजपुर हेतु निम्नानुसार सामग्री क्रय की गयी है जो प्रदाय की जा रही है :-

क्र.	सामग्री का नाम.	मात्रा	दर	राशि	क्र.सं.	2
1	ऑफिस आलमीरा	02	9490	18980	4	
2	ऑफिस रिवाल्विंग चेयर	02	4325	8650	6	
3	ऑफिस टेबल	02	10500	21000	8	
4	स्टील गिलास	110	52	5720	13	
5	एल्युमिनियम गंज	04	5720	22880	10	
6	स्टील जग	20	450	9000	11	
7	स्टील करछुल	10	58	580	12	
8	नास्ता प्लेट	110	98	10780	15	
9	स्टील थाली	110	161	17710	17	
10	स्टील बाल्टी	10	675	6750	19	
11	स्टील परात	06	774.20	4645.20	21	
12	एल्युमिनियम कढ़ाई	02	5115	10230	22	
13	गद्दा	110	4350	478500	51	
14	तकिया	110	300	33000	55	
15	सिंगल बैड रिकटेंगलर पाईप	110	5249.94	577493	23	
16	तकिया कव्हर	110	125	13750	56	
17	फिनायल	200ली.	60	12000	*	18
18	मच्छरदानी	110	295	32450	54	
19	एयरपोट चेयर (विजीटर बैंच)	15	6883	103245	24	
20	प्लास्टिक चेयर	40	1245	49800	46	
21	छोटी आलमीरा	110	7012	771320	25	
22	बाथरूम बाल्टी प्लास्टिक 13 ली.	20	265	5300	47	
23	एंगल आयरन रेक	100	3699	369900	26	
24	आईना	50	325	16250	-	04
25	स्टील झारा	05	130	650	27	
26	स्टील पानी ड्रम	10	1850	18500	28	
27	लोहे का कढ़ाई	01	2850	2850	29	
28	स्टील चम्मच	110	19	2090	30	
29	स्टुडेण्ट टेबल	110	1554	170940	31	
30	स्टुडेण्ट चेयर	110	1200	132000	32	
31	टायलेट बाल्टी 5 ली.	20	76	1520	48	
32	डायनिंग टेबल	04	14500	58000	33	
33	खिड़की पर्दा	318 मी.	144	45792	57	
34	सेनेटरी नेपकीन डिस्टायर मशीन	02	20500	41000	34	
35	कम्बल	110	999	109890	स्क कम्बल	
36	बैड सीट (चादर)	110	425	46750	53	

क्रमशः-02

(02)

37	डायनिंग चेयर					
38	छरवाजा पर्दा दरवाजा पर्दा	50	1987	99350	35-	
39	हार्ड डिस्क सीसीटीवी केमरा हेतु	387 मी.	129	49923	58-	
40	डीवीआर 16चैनल सीसीटीवी केमरा हेतु	02	4200	8400	61-	
41	मॉनिटर सीसीटीवी केमरा हेतु	01	19800	19800	50-	
42	नाईट विजिन 1.3 कैमरा	01	32400	32400	59-	
43	डीवीआर एसएमपीएस सीसीटीवी केमरा हेतु	16	3124	49984	49-	
44	कापर सीसीटीवी वायर	02	2200	4400	60-	
45	बीएनसी पीन	12 बंडल	1800	21600	-	05
46	डीसी पीन	32	40	1280	-	06
47	एक्टेशन बोर्ड	16	40	640	-	07
48	ऊडन बेस स्टेण्ड	01	450	450	-	08
49	कुकर	01	850	850	-	09
50	रोटी/पूड़ी मशीन	02	5150	10300	36-	
51	चौमुखा	02	700	1400	37-	
52	दालपात्र	04	985	3940	38-	
53	बर्तन जाली	04	615	2460	39-	
54	पेटी बड़ा	02	3950	7900	40-	
55	डोरमेट बड़ा	05	5000	25000	41-	
56	डस्टवीन	05	1500	7500	-	10
57	दिवाल घड़ी	50	150	5250	-	11
58	वारनिंग घंटी	55	325	17875	42-	
59	डोरमेट छोटा छोटा	02	475	950		
60	वाईपर	80	475	38000	-	12
61	बाथरूम मग	10	325	3250	-	13
62	टायलेट क्लीनर	20	40	800	-	14
63	वाटर कुलर ऊषा	20 ली.	59	1180	-	15
64	केन्ट आरओ (वाटर कुलर हेतु)	02	49989	99978	43-	
65	गैस सिलेण्डर 19 कि.लो. एचपी	02	9990	19980	62-	
66	गैस चुल्हा भट्टी	06	1674	10044	44-	
67	खिडकी पर्दा फिटिंग पाईप साकेट	01	3800	3800	45-	
68	दरवाजा पर्दा फिटिंग पाईप साकेट	106	295	31270	-	16
69	गैस कार्ड एच.पी. सुरक्षा निधि जमा पर्ची सहित	55	295	16225	-	17
		01	-	0.00		

अतः उपरोक्त सामग्री प्राप्त कर पावती प्रदाय करने का कष्ट करें।

सहायक आयुक्त

आदिवासी विकास सूरजपुर
जिला-सूरजपुर (छ.ग.)

शासकीय रेवती रमण मिश्र स्नातकोत्तर महाविद्यालय, सूरजपुर, जिला-सूरजपुर (छ.ग.)

100 सीटर कन्या छात्रावास हेतु आवश्यक सामग्रियों की सूची एवं अनुमानित राशि
(सहायक आयुक्त आदिवासी विकास सूरजपुर से चर्चा उपरान्त)

क्र.	आवश्यक सामग्रियों का नाम	मात्रा	अनुमानित दर प्रति नग	अनुमानित राशि
1	पलंग	110	4000	440000
2	गद्दा	110	3000	330000
3	तकिया	110	250	27500
4	तकिया कव्हर	110	170	18700
5	बैड सीट (चादर)	110	300	33000
6	रुनी कंबल	110	1000	110000
7	मच्छरदानी	110	250	27500
8	आलमारियों (छोटी)	110	3200	352000
9	एल्युमिनियम गंज बड़ा	4	5000	20000
10	एल्युमिनियम कढ़ाई	2	4000	8000
11	लोहे का कढ़ाई	1	4000	4000
12	कुकर 20 लीटर	2	5000	10000
13	रोटी/पूड़ी मशीन	2	1000	2000
14	झारा	4	150	600
15	करछुल	12	50	600
16	चौमुखा	4	1400	5600
17	दालपात्र	4	700	2800
18	बर्तन जाली	2	4000	8000
19	पेटी बड़ा	5	4000	20000
20	लोहे का रैक 1950x900x450 एम.एम	100	2800	280000
21	थाली	110	300	33000
22	गिलास	110	80	8800
23	कटौरी	220	40	8800
24	जग	20	450	9000
25	नास्ता प्लेट	110	80	8800
26	चम्मच	110	15	1650
27	पानी ड्रम	10	1500	15000
28	स्टील बाल्टी	10	1200	12000
29	स्टडी टेबल	110	1500	165000
30	स्टडी चेयर	110	1200	132000
31	गैस कनेक्शन 19 कि.ग्रा.	4	3500	14000
32	गैस चुल्हा (2 बर्नर वाला)	2	4000	8000

33	डायनिंग हाल का फर्नीचर	2	40000	80000
34	वाटर कुलर आर.ओ. के साथ	3	30000	90000
35	पालको हेतु बैठने हेतु विजिटर बैच	20	5000	100000
36	अधीक्षक टेबल	1	8000	8000
37	अधीक्षक कुर्सी	1	4000	4000
38	अधीक्षक आलमीरा	2	8000	16000
39	चौकीदार रूम हेतु टेबल	1	8000	8000
40	कुर्सी	1	4000	4000
41	फाईवर चेयर	50	1000	50000
42	परदा दरवाजा हेतु	120	400	48000
43	परदा खिड़की हेतु	200	300	60000
44	डोरमेट बड़ा	5	1500	7500
45	डोरमेट छोटा	60	1000	60000
46	आईना	50	400	20000
47	डस्टवीन	50	150	7500
48	दिवाल घड़ी	55	300	16500
49	सेनेटरी नेपकीन डिस्ट्रायर मशीन	2	20000	40000
50	वारनिंग घंटी	2	500	1000
51	सी.सी.टी.व्ही. कैमरा	16	Set	120000
52	टी.व्ही. 54" डीटीएच के साथ	1	80000	80000
53	फिनायल लिटर में	200	60	12000
54	टायलेट क्लीनर (एसीड) लीटर में	20	60	1200
55	वाईपर	8	400	3200
56	बाथरूम बाल्टी	20	170	3400
57	बाथरूम मग	20	50	1000
58	टायलेट बाल्टी	20	150	3000
59	अन्य आकरिमक ब्यय हेतु	40000
योग:-				3000650
Round off				3000000

(शब्दों में रूपये तीस लाख मात्र)

(डॉ. एस.एस.अग्रवाल) 24.3.2018

प्राचार्य

शासकीय रे.र.मि.स्नातकोत्तर महा.सूरजपुर
जिला-सूरजपुर (छ0ग0)