

कृषि विभाग ।

5831

/कृ०, पटना, दिनांक 24-12-2014

विश्व-नाथ चौधरी,

कृषि विभाग, बिहार, प्रस्ताव ।

महालेखाकार बिहार,

द्वारा (1) वित्त विभाग, बिहार, पटना।

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उद्यान महाविद्यालय, नालंदा के नवनिर्मित भवन में फर्रीदर एवं आंतरिक सुसज्जाकरण के लिए बिहार कृषि विश्वविद्यालय को वर्ष 2014-15 में 409.94 लाख रुपये (चार करोड़ नौ लाख चौरानबे हजार रुपये) सहायक अनुदान की निकासी एवं व्यय की स्वीकृति।

स्वीकृत ।

निर्देशानुसार राज्य सरकार द्वारा उद्यान महाविद्यालय, नालंदा के अवनिर्गित भवन में फर्नीचर एवं आंतरिक सुराज्जाकरण के लिए बिहार कृषि विश्वविद्यालय को वर्ष 2014-15 में 409.94 लाख रुपये (चार करोड़ नौ लाख बीसाने हजार रुपये) सहायक अनुदान की गिकारी एवं व्यय की स्वीकृति प्रदान की जाती है।

2. उद्यान महाविद्यालय के प्रशासनिक एवं एकेडमिक ब्लॉक तथा मल्टीपुपस हॉल का गवन निर्माण का कार्य पूरा कर लिया गया है। इन गवनों को कार्यरत करने हेतु फर्नीचर एवं फर्नीशिंग के लिए वित्तीय वर्ष 2014-15 में निम्न प्रकार से राशि की आवश्यकता का आकलन किया गया है

S. No.	Description	Total Cost(In Rs.)
1	Estimate of Customized Furniture & Furnishing of Ground Floor in Administrative Block	5490353.00
2	Estimate of Customized Interior & Furnishing of Ground Floor in Academic Block	3579791.00
3	Estimate of Customized Furniture & Furnishing of First Floor in Administrative Block	5141174.00
4	Estimate of Customized Interior & Furnishing of First Floor in Academic Block	4739125.00
5	Estimate of Customized Furniture & Furnishing of Second Floor in Administrative Block	6143564.00
6	Estimate of Customized Interior & Furnishing of Second Floor in Academic Block	6619889.00
7	Estimate of Multipurpose Hall A.V. Stage Light & Furnishing	4610065.00
8	Estimate of Multipurpose Hall Acoustic & General Lighting	4370405.00
	Total	40994366.00

(Four crore nine lakhs nintyfour thousand three hundred sixty six)

21st Jan

अनिल कुमार झा

ज्ञापक 5831 /कृ०, पटना, दिनांक 24-12-2014
प्रतिलिपि : योजना एवं विकास विभाग/वित्त विभाग/मंत्रिमंडल सचिवालय विभाग, बिहार,
पटना/उप महालेखाकार (लेखा)/महालेखाकार (ले० एवं ह०) का कार्यालय, बिहार, पटना को सूचनार्थ एवं
आवश्यक कार्यवाई हेतु प्रेषित।

अपर सूचक 12-14
कृषि विभाग, बिहार, पटना।

ज्ञापाक 5831 / क०, पटना, दिनांक 24-12-2014
प्रतिलिपि कोषागार पदाधिकारी, सचिवालय कोषागार, विकास गढ़-२, पटना को सूचनार्थ एव
आवश्यक कार्यवाई हेतु प्रेषित।

अपर 12.14
कृषि विभाग, बिहार, पटना।

प्रतिनिधि : कुलपति, बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर/नियंत्रक, बिहार कृषि विश्वविद्यालय, सबौर, भागलपुर/प्राचार्य, उद्यान महाविद्यालय, नूरसराय, नालंदा को सूचनाएँ एवं आवश्यक कार्यवाई हेतु प्रेषित।

अपर सावित्र,
कृषि विभाग, बिहार, पटना।

आपांक 5831 /कृ. पटना, दिनांक 24-12-2014

प्रतिलिपि उप सचिव, मुख्यमंत्री सचिवालय, बिहार, पटना/मंत्री, कृषि के आप्त सचिव/कृषि उत्पादन आयुक्त के आप्त सचिव/ सचिव, कृषि के आप्त सचिव/कृषि निदेशक, बिहार, पटना/निदेशक, उद्यान, बिहार, पटना/प्रमंडलीय आयुक्त, पटना/जिला पदाधिकारी, पटना/मुख्य लेखा पदाधिकारी, कृषि विभाग, बिहार, पटना/कृषि विभाग (मुख्यालय) के सभी संबंधित पदाधिकारी एवं योजना शाखा/बजट शाखा (सचिवालय एवं कृषि निदेशालय) बिहार, पटना को सूचनाार्थ एवं आवश्यक कार्यवाई हेतु प्रेषित एवं उप कृषि निदेशक (सूचना) को विभाग के वेबसाईट पर उपलब्ध कराने हेतु प्रेषित।

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अध्यक्ष,
कृषि विभाग, बिहार, पटना।

अनिल कुमार झा

(571)

अनुसूची-1
निदेशालय, कार्य एवं संयंत्र
बिहार कृषि विश्वविद्यालय, सबौर

पत्रांक 2888/नि.का.स./वि.कृ.विश्व., सबौर

दिनांक 09/09/2014

प्रेषक:

निदेशक कार्य एवं संयंत्र
बिहार कृषि विश्वविद्यालय,
सबौर, भागलपुर।

प्रेषित:

श्री रामजी सिंह,
संयुक्त सचिव-सह-वरीय प्रमारी,
कृषि शिक्षा कोषांग कृषि विभाग,
बिहार सरकार, पटना



विषय—Allocation of fund to furnish and interior work of the newly constructed building of college of Horticulture, Noorsarai (Nalanda) against the allocated fund for this project.

प्रसंग—विश्वविद्यालय का पत्रांक 216/VC/BAU, Sabour दिनांक 23.08.2014 एवं कृषि विभाग का पत्रांक NHM/BHDS/35/2006-4141/कृ., पटना दिनांक 05.09.2014

महाशय,

निदेशानुसार उर्पयुक्त विषयक प्रासंगिक पत्र के संबंध में कहना है कि उद्यान महाविद्यालय, नूरसराय (नालंदा) के साज-सज्जा के लिए कुल 40994367.00/- रुपये का प्राक्कलन समर्पित किया जाता है।

संलग्न प्राक्कलन स्थल की भौतिक स्थिति एवं कार्य तथा आवश्यकता को ध्यान में रखते हुए तैयार किया गया है, जिसका संबंधित प्लान सक्षम पदाधिकारी द्वारा सत्यापित है।

इस संबंध में यह उल्लेखनीय है कि साज-सज्जा से संबंधित अनुसूचित दर नहीं होने के कारण इन मदों के दर निर्धारण हेतु विश्वविद्यालय द्वारा कोटेशन आमंत्रित किये गये थे। जिसमें इन्टेरियर कार्यों से संबंधित 10 निविदा प्राप्त हुई थी और उनके टेकनिकल तथा फाईनेनशियल बीड पर विश्वविद्यालय स्तर पर गठित केन्द्रीय कय समिति (CPC) द्वारा NCCF of India Ltd, Noida (Under Administrative Control, Govt. of India) के दर को न्यूनतम पाया गया। समिति के अनुमोदित दर के आधार पर ही प्राक्कलन तैयार किया गया है। जिसपर सक्षम पदाधिकारी का तकनीकी अनुमोदन प्राप्त है।

अतः अनुरोध है कि प्राक्कलित राशि के अनुरूप उद्यान महाविद्यालय, नूरसराय के योजना की स्वीकृत राशि से ही साज-सज्जा कार्य हेतु 40994367/- राशि कर्णांकित किया जाय ताकि भवन उद्घाटन की तिथि के पूर्व साज-सज्जा का कार्य ससमय पूरा किया जा सके।

अनु.—यथावत (दो प्रतियों में)

विश्वारामाजन

निदेशक कार्य एवं संयंत्र

4/9

प्रतिलिपि सचिव, कुलपति, बिहार कृषि विश्वविद्यालय, सबौर को सूचनार्थ।

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COLLEGE OF HORTICULTURE, NOORSARAI

ESTIMATED COST OF COST OF INTERIOR & CUSTOMISED FURNITURE REINFORCEMENT

S. No	Description	Total Cost
1	Estimate of Customized Furniture & Furnishing of Ground Floor in Administrative Block	5490353.00 ✓
2	Estimate of Customized Interior & Furnishing of Ground Floor in Academic Block	3579791.00 ✓
3	Estimate of Customized Furniture & Furnishing of First Floor in Administrative Block	5141174.00 ✓
4	Estimate of Customized Interior & Furnishing of First Floor in Academic Block	4739125.00 ✓
5	Estimate of Customized Furniture & Furnishing of Second Floor in Administrative Block	6443564.00 ✓
6	Estimate of Customized Interior & Furnishing of Second Floor in Academic Block	6619889.00 ✓
7	Estimate of Multipurpose Hall A.V, Stage Light & Furnishing	4610065.00 ✓
8	Estimate of Multipurpose Hall Acoustic & General Lighting	4370405.00 ✓
Total		40994366 .00

(Rupees Four crore nine lakh ninety four thousand three hundred & sixty six) only

Hamdasha
8/9/14
J.E.
B.V.C. Patna

[Signature]
8/9/14
Executive Engineer-III
B.V.C., Patna
B.A.U., Sabour

[Signature]
8/9/14
Director Works & Plants
B.A.U., Sabour

[Signature]
8/9/14
Director
Works & Plant
Bihar Agricultural University
Sabour, Bhagalpur-813210

COLLEGE OF HORTICULTURE, NOORSARAI						
Name of Estimate : Estimate for Customized Furniture & Furnishing of Ground Floor in Administrative Block						
S NO	DESCRIPTION	CPC NO	QTY	UNIT RATE	TOTAL AMOUNT	
1. RECEPTION						
1	PARTITION WALL		200	399	79800	
2	RECEPTION TABLE		1	92400	92400	
3	SOFA 2 SEATER		8	14364	114912	
4	CORNER TABLE		8	5802.3	46418.4	
5	CENTER TABLE		4	9077.25	36309	
6	MEDIUM BACK CHAIR		2	4688.25	9376.5	
7	FIXED CHAIR		12	3591	43092	
						422307.9

2. WAITING AREA						
1	SOFA 3 SEATER		1	18453.75	18453.75	
2	SOFA 2 SEATER		1	14364	14364	
3	CORNER TABLE		1	5802.3	5802.3	
4	CENTER TABLE		1	9077.25	9077.25	
						90789.3

3. P. A ROOM						
1	TABLE 1500X750X750		1	9346.05	9346.05	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X400X750		2	9072	18144	
4	STORAGE 1200X450X1200		2	16480.8	32961.6	
5	MOBILE UNIT		1	7145.25	7145.25	
6	KEY BOARD		1	1570.8	1570.8	
7	CPU TROLLEY		1	1097.25	1097.25	
8	WORK STATION 1200X600		1	24429	24429	
9	MEDIUM BACK CHAIR		2	7530.6	15061.2	
10	FIXED CHAIR		2	7231.35	14462.7	
11	WALL CABINET		4	9576	38304	
12	Blind 20@165		1	3300	3300	
						176335.5

4. PRINCIPAL CHAMBER						
1	FALSE CEILING		450	351.75	158287.5	
2	WALL PAINTING		800	35	28000	
3	EX TABLE		1	64332	64332	
4	HIGH BACK CHAIR		1	13116.6	13116.6	
5	FIXED CHAIR		6	7231.35	43388.1	
6	SOFA 3 SEATER		1	18453.75	18453.75	
7	SOFA SINGLE SEATER		2	10473.75	20947.5	
8	CORNER TABLE		2	9077.25	18154.5	
9	CENTER TABLE		1	8802.3	8802.3	
10	WALL CABINET		2	9576	19152	
11	Storage 1200x1200		2	16480.8	32961.6	

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12	AC		1	44352	44352	
13	Blind 20@165		2	3300	6600	
						476547.85

5. ESTABLISHMENT -I						
1	PENTA 1500X1500		8	36372	290976	
2	STORAGE 1200X450X1200		8	16480.8	131846.4	
3	MEDIUM BACK CHAIR		8	13116.6	104932.8	
4	Blind 20@165		3	3300	9900	
						537655.2

6. ESTABLISHMENT -II						
1	PENTA 1500X1500		8	36372	290976	
2	STORAGE 1200X450X1200		8	16480.8	131846.4	
3	MEDIUM BACK CHAIR		8	13116.6	104932.8	
4	Blind 20@165		3	3300	9900	
						537655.2

7. ACCOUNTS SECTION						
1	PARTITION 1050X1200	8/12.3	6	10183.83	61102.98	
2	TABLE 1500X750X750		3	9346.05	28038.15	
3	SIDE CREDENZA 900X400X750		3	10513.65	31540.95	
4	BACK STORAGE 900X750X750		6	9072	54432	
5	STORAGE 1200X450X1200		6	16480.8	98884.8	
6	MEDIUM BACK CHAIR		3	7530.6	22591.8	
7	Fixed Chair		6	4788	28728	
8	MOBILE UNIT		3	7145.25	21435.75	
9	KEY BOARD		3	1570.8	4712.4	
10	CPU TROLLY		3	1097.25	3291.75	
11	Blind 20@165		4	3300	13200	
						367958.58

8. ASSTT COMTROLLER						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Wall Cabinet		2	9576	19152	
10	Pin Board 14@450		1	6300	6300	
11	Blind 20@165		1	3300	3300	
						96391.95

9. Proff Room						
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1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Wall Cabinet		2	9576	19152	
10	Pin Board 14@450		1	6300	6300	
11	Blind 20@165		1	3300	3300	
						96391.95

10. Proff Room						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Wall Cabinet		2	9576	19152	
10	Pin Board 14@450		1	6300	6300	
11	Blind 20@165		1	3300	3300	
						96391.95

11. Proff Room						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Wall Cabinet		2	9576	19152	
10	Pin Board 14@450		1	6300	6300	
11	Blind 20@165		1	3300	3300	
						96391.95

12. Proff Room						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	

6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Wall Cabinet		2	9576	19152	
10	Pin Board 14@450		1	6300	6300	
11	Blind 20@165		1	3300	3300	
						96391.95

13. Proff Room						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Wall Cabinet		2	9576	19152	
10	Pin Board 14@450		1	6300	6300	
11	Blind 20@165		1	3300	3300	
						96391.95

14. Asstt. Proff Room						
1	Half Partition 1200x1200		4	11638.2	46552.8	
2	Half Partition 600x1200		4	5819.1	23276.4	
3	TABLE 1800X750X750		2	12062.4	24124.8	
4	SIDE CREDENZA 900X400X750		2	10513.65	21027.3	
5	BACK STORAGE 900X750X750		6	9072	54432	
6	MEDIUM BACK CHAIR		2	7530.6	15061.2	
7	Fixed Xhair		4	4788	19152	
8	MOBILE UNIT		2	7145.25	14290.5	
9	KEY BOARD		2	1570.8	3141.6	
10	CPU TROLLY		2	1097.25	1097.25	
11	Wall Cabinet		4	9576	38304	
12	Pin Board 14@450		2	6300	12600	
13	Blind 20@165		3	3300	9900	
						282959.85

15. Asstt. Proff Room						
1	Half Partition 1200x1200		4	11638.2	46552.8	
2	Half Partition 600x1200		4	5819.1	23276.4	
3	TABLE 1800X750X750		2	12062.4	24124.8	
4	SIDE CREDENZA 900X400X750		2	10513.65	21027.3	
5	BACK STORAGE 900X750X750		6	9072	54432	
6	MEDIUM BACK CHAIR		2	7530.6	15061.2	
7	Fixed Xhair		4	4788	19152	
8	MOBILE UNIT		2	7145.25	14290.5	

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9	KEY BOARD		2	1570.8	3141.6	
10	CPU TROLLY		2	1097.25	1097.25	
11	Wall Cabinet		4	9576	38304	
12	Pin Board 14@450		2	6300	12600	
13	Blind 20@165		3	3300	9900	
						282959.85

16	Conference Room					
1	False Ceiling		800	351.75	281400	
2	Wall Painting		900	35	31500	
3	Table 1500x600x750		10	9346.05	93460.5	
4	Table 1200x600x750		1	7374.15	7374.15	
5	Corner 600x600		2	2500	5000	
6	High Back Chair		1	13116.6	13116.6	
7	Medium back chair		21	11520.6	241932.6	
8	Fixed chair		18	7231.6	130168.8	
9	Projector		1	15000	15000	
10	Projection Screen		1	32000	32000	
11	Chairman Mic		1	4352.25	4352.25	
12	Delegate Mic		10	3866.1	38661	
13	Amplifier		1	9458.4	9458.4	
14	Speaker		4	2761.5	11046	
15	Cordless Mic		2	4448.85	8897.7	
16	Connectors		11	630	6930	
17	RJ 45-5		11	2761.5	30376.5	
19	AC		2	44352	88704	
20	Blind 20@165		4	3300	13200	
						1062578.50

Total	4816099.43
Tax	674253.92
G Total	5490353.35

say Rs. 54,90,353/-

Sanjay
8/9/14
J.E. Patna
B.V.C. Patna

8/9/14
Executive Engineer-III

B.V.C. Patna

B.A.U. Sabour

Technically examined of estimate for Rs 54,90,353/- (Rupees
Fifty Four lacs Ninety Thousand Three hundred
Fifty Three) only.

9/9/14
Director Works & Plants

B.A.U. Sabour

(564)

COLLEGE OF HORTICULTURE, NOORSARAI

Name of Estimate : Estimate for Customized Interior & Furnishing of Ground Floor in Academic Block

1	Lab -I				
1	Island 3000x1500	2	95000	190000	
2	Working 1500x900	13	25500	331500	
3	Corner 1050x1050	2	25000	50000	
4	Storage	12	16480.8	197769.6	
5	Wall Cabinet	10	9576	95760	
6	Stool	30	3440.85	103225.5	
7	Table 1800x750	1	12062.4	12062.4	
8	Side Credenza 900x750	1	10513.65	10513.65	
9	Back Storage 900x750	2	9072	18144	
10	Medium Back Chair	1	7530.6	7530.6	
11	Fixed Chair	2	4788	9576	
12	Blind 20@165	4	3300	13200	
					1039281.75

2	Lab -II				
1	Island 3000x1500	2	95000	190000	
2	Working 1500x900	13	25500	331500	
3	Corner	2	25000	50000	
4	Storage Full	12	16480.8	197769.6	
5	Wall Cabinet	10	9576	95760	
6	Stool	30	3440.85	103225.5	
7	Table 1800x750	1	12062.4	12062.4	
8	Side Credenza 900x750	1	10513.65	10513.65	
9	Back Storage 900x750	2	9072	18144	
10	Medium Back Chair	1	7530.6	7530.6	
11	Fixed Chair	2	4788	9576	
12	Blind 20@165	4	3300	13200	
					1039281.75

3	Office -I				
1	Work Station 1200x600	5	24429	122145	
2	Revoloving Chair	5	7530.6	37653	
3	Wall Cabinet	5	9576	47880	
					207678.00

4	Office -II				
1	Work Station 1200x600	6	24429	146574	
2	Revoloving Chair	6	7530.6	45183.6	
3	Wall Cabinet	6	9576	57456	
					249213.60

5	Waiting Area				
1	3 Seater Sofa	3	18453.75	55361.25	
2	2 seater sofa	3	14364	43092	

3	Corner Table		3	5802.3	17406.9	
4	Center Table		3	9077.25	27231.75	
5	Fixed Chair		12	3591	43092	
						186183.90

6 Farmer Training Center					
1	Table 1800x750	1	12062.4	12062.4	
2	Revolving Chair	4	7530.6	30122.4	
3	Fixed Chair	80	3591	287280	
4	Podium	1	14345.1	14345.1	
5	Projector	1	15000	15000	
6	Screen	1	32000	32000	
7	Podium Mic	1	4352.25	4352.25	
8	Cordless Mic	2	4227.3	8454.6	
9	Amplifier	1	3866.1	3866.1	
10	Speaker	4	2761.5	11046	
11	Blind 20@165	4	3300	13200	
					418528.85
				Total	3140167.85
				Tax	439623.50
				G Total	3579791.35

8/9/14
J.E. Pahr
B.V.C. Pahr

Technically examined of estimate for Rs 35,79,791/-
(Rupees Thirty Five Lacs Seventy Nine Thousand Seven
hundred ninety one) only.

Director Works & Plants
B.A.U. Sabour

COLLEGE OF HORTICULTURE, NOORSARAI

Name of Estimate : Estimate for Customized Furniture & Furnishing of First Floor In Administrative Block

S NO	DESCRIPTION	CPC NO	QTY	UNIT RATE	TOTAL AMOUNT
1. ASSOC PROFF					
1	TABLE 1800X750X750		1	12062.4	12062.4
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65
3	BACK STORAGE 900X750X750		2	9072	18144
4	MEDIUM BACK CHAIR		1	7530.6	7530.6
5	Fixed Chair		2	4788	9576
6	MOBILE UNIT		1	7145.25	7145.25
7	KEY BOARD		1	1570.8	1570.8
8	CPU TROLLY		1	1097.25	1097.25
9	Pin Board 14@450		1	6300	6300
10	Blind 20@165		1	3300	3300
					77239.95

2. ASSOC PROFF					
1	TABLE 1800X750X750		1	12062.4	12062.4
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65
3	BACK STORAGE 900X750X750		2	9072	18144
4	MEDIUM BACK CHAIR		1	7530.6	7530.6
5	Fixed Chair		2	4788	9576
6	MOBILE UNIT		1	7145.25	7145.25
7	KEY BOARD		1	1570.8	1570.8
8	CPU TROLLY		1	1097.25	1097.25
9	Pin Board 14@450		1	6300	6300
10	Blind 20@165		1	3300	3300
					77239.95

3. ASSOC PROFF					
1	TABLE 1800X750X750		1	12062.4	12062.4
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65
3	BACK STORAGE 900X750X750		2	9072	18144
4	MEDIUM BACK CHAIR		1	7530.6	7530.6
5	Fixed Chair		2	4788	9576
6	MOBILE UNIT		1	7145.25	7145.25
7	KEY BOARD		1	1570.8	1570.8
8	CPU TROLLY		1	1097.25	1097.25
9	Pin Board 14@450		1	6300	6300
10	Blind 20@165		1	3300	3300
					77239.95

4. ASSOC PROFF					
1	TABLE 1800X750X750		1	12062.4	12062.4
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65
3	BACK STORAGE 900X750X750		2	9072	18144
4	MEDIUM BACK CHAIR		1	7530.6	7530.6
5	Fixed Chair		2	4788	9576

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6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

5. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

6. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

7. Asstt. Proff Room						
1	PENTA 1500X1500		4	36372	145488	
2	STORAGE 1200X450X1200		4	16480.8	65923.2	
3	MEDIUM BACK CHAIR		4	13116.6	52466.4	
4	Blind 20@165		3	3300	9900	
						273777.60

8. Departmental Seminar Room						
1	TABLE 2400x900		1	39060	39060	
2	MEDIUM BACK CHAIR		4	7530.6	30122.4	
3	Student Chair		30	3391.5	101745	
4	Interective Writing Board		1	78000	78000	
5	Visulizer		1	140000	140000	
6	Projector		1	150000	150000	
7	Interactive Touch Screen		1	85000	85000	
8	Podium		1	14345.1	14345.1	
9	UPS		1	185000	185000	

10	Back Storage 900x750	2	9072	18144	
11	AC	2	44352	44352	
12	Blind 20@165	3	3300	9900	
					895668.50

9. Asstt. Proff Room					
1	PENTA 1500X1500	8	36372	290976	
2	STORAGE 1200X450X1200	8	16480.8	131846.4	
4	MEDIUM BACK CHAIR	8	13116.6	104932.8	
5	Blind 20@165	4	3300	13200	
					540955.20

10. ASSOC PROFF					
1	TABLE 1800X750X750	1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65	
3	BACK STORAGE 900X750X750	2	9072	18144	
4	MEDIUM BACK CHAIR	1	7530.6	7530.6	
5	Fixed Chair	2	4788	9576	
6	MOBILE UNIT	1	7145.25	7145.25	
7	KEY BOARD	1	1570.8	1570.8	
8	CPU TROLLY	1	1097.25	1097.25	
9	Pin Board 14@450	1	6300	6300	
10	Blind 20@165	1	3300	3300	
					77239.95

11. ASSOC PROFF					
1	TABLE 1800X750X750	1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65	
3	BACK STORAGE 900X750X750	2	9072	18144	
4	MEDIUM BACK CHAIR	1	7530.6	7530.6	
5	Fixed Chair	2	4788	9576	
6	MOBILE UNIT	1	7145.25	7145.25	
7	KEY BOARD	1	1570.8	1570.8	
8	CPU TROLLY	1	1097.25	1097.25	
9	Pin Board 14@450	1	6300	6300	
10	Blind 20@165	1	3300	3300	
					77239.95

12. MEETING ROOM					
1	TABLE 2400x900	1	39060	39060	
2	BACK STORAGE 900X750X750	2	9072	18144	
4	MEDIUM BACK CHAIR	4	7530.6	30122.4	
5	AC	1	44352	44352	
5	Blind 20@165	1	3300	3300	
					134978.40

13. ASSOC PROFF					
1	TABLE 1800X750X750	1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65	
3	BACK STORAGE 900X750X750	2	9072	18144	

18. ASSOC PROFF					
1	TABLE 1800X750X750	1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65	
3	BACK STORAGE 900X750X750	2	9072	18144	
4	MEDIUM BACK CHAIR	1	7530.6	7530.6	
5	Fixed Chair	2	4788	9576	
6	MOBILE UNIT	1	7145.25	7145.25	
7	KEY BOARD	1	1570.8	1570.8	
8	CPU TROLLY	1	1097.25	1097.25	
9	Pin Board 14@450	1	6300	6300	
10	Blind 20@165	1	3300	3300	
					77239.95

19. ASSOC PROFF					
1	TABLE 1800X750X750	1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65	
3	BACK STORAGE 900X750X750	2	9072	18144	
4	MEDIUM BACK CHAIR	1	7530.6	7530.6	
5	Fixed Chair	2	4788	9576	
6	MOBILE UNIT	1	7145.25	7145.25	
7	KEY BOARD	1	1570.8	1570.8	
8	CPU TROLLY	1	1097.25	1097.25	
9	Pin Board 14@450	1	6300	6300	
10	Blind 20@165	1	3300	3300	
					77239.95

20. ASSOC PROFF					
1	TABLE 1800X750X750	1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65	
3	BACK STORAGE 900X750X750	2	9072	18144	
4	MEDIUM BACK CHAIR	1	7530.6	7530.6	
5	Fixed Chair	2	4788	9576	
6	MOBILE UNIT	1	7145.25	7145.25	
7	KEY BOARD	1	1570.8	1570.8	
8	CPU TROLLY	1	1097.25	1097.25	
9	Pin Board 14@450	1	6300	6300	
10	Blind 20@165	1	3300	3300	
					77239.95

21. ASSOC PROFF					
1	TABLE 1800X750X750	1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65	
3	BACK STORAGE 900X750X750	2	9072	18144	
4	MEDIUM BACK CHAIR	1	7530.6	7530.6	
5	Fixed Chair	2	4788	9576	
6	MOBILE UNIT	1	7145.25	7145.25	
7	KEY BOARD	1	1570.8	1570.8	
8	CPU TROLLY	1	1097.25	1097.25	
9	Pin Board 14@450	1	6300	6300	
10	Blind 20@165	1	3300	3300	

						77239.95
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22. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

23. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

Total	4509801.80
Tax	631372.25
G Total	5141174.05

Say Rs 51,41,174/-

Chandra Shekhar
8/9/14
B.V.C. Patna

[Signature]
8/9/14
Executive Engineer-III
B.V.C. Patna

Technically examined of estimate for Rs 51,41,174/-
(Rupees Fifty one Lacs Forty one thousand one hundred
Seventy Four) only.

[Signature]
9/9/14
Director Works & Plants
B.A.U. Sabour

COLLEGE OF HORTICULTURE, NOORSARAI

Name of Estimate : Estimate for Customized Interior & Furnishing of First Floor in Acedemic Block

1. LAB - III					
1	Island 3000x1500	2	95000	190000	
2	Working 1500x900	13	25500	331500	
3	Corner	2	25000	50000	
4	Storage Full	12	16480.8	197769.6	
5	Wall Cabinet	10	9576	95760	
6	Stool	30	3440.85	103225.5	
7	Table 1800x750	1	12062.4	12062.4	
8	Side Credenza 900x750	1	10513.65	10513.65	
9	Back Storage 900x750	2	9072	18144	
10	Medium Back Chair	1	7530.6	7530.6	
11	Fixed Chair	2	4788	9576	
12	Blind 20@165	4	3300	13200	
					1039281.75

2. LAB - IV					
1	Island 3000x1500	2	95000	190000	
2	Working 1500x900	13	25500	331500	
3	Corner	2	25000	50000	
4	Storage Full	12	16480.8	197769.6	
5	Wall Cabinet	10	9576	95760	
6	Stool	30	3440.85	103225.5	
7	Table 1800x750	1	12062.4	12062.4	
8	Side Credenza 900x750	1	10513.65	10513.65	
9	Back Storage 900x750	2	9072	18144	
10	Medium Back Chair	1	7530.6	7530.6	
11	Fixed Chair	2	4788	9576	
12	Blind 20@165	4	3300	13200	
					1039281.75

3. LAB - V					
1	Island 3000x1500	2	95000	190000	
2	Working 1500x900	13	25500	331500	
3	Corner	2	25000	50000	
4	Storage Full	12	16480.8	197769.6	
5	Wall Cabinet	10	9576	95760	
6	Stool	30	3440.85	103225.5	
7	Table 1800x750	1	12062.4	12062.4	
8	Side Credenza 900x750	1	10513.65	10513.65	
9	Back Storage 900x750	2	9072	18144	
10	Medium Back Chair	1	7530.6	7530.6	
11	Fixed Chair	2	4788	9576	
12	Blind 20@165	4	3300	13200	
					1039281.75

4. LAB - VI					
1	Island 3000x1500	2	95000	190000	
2	Working 1500x900	13	25500	331500	

55

COLLEGE OF HORTICULTURE , NOORSARAI					
Name of Estimate : Estimate for Customized Furniture & Furnishing of Second Floor in Administrative Block					
S NO	DESCRIPTION	CPC NO	QTY	UNIT RATE	TOTAL AMOUNT
1. ASSOC PROFF					
1	TABLE 1800X750X750		1	12062.4	12062.4
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65
3	BACK STORAGE 900X750X750		2	9072	18144
4	MEDIUM BACK CHAIR		1	7530.6	7530.6
5	Fixed Chair		2	4788	9576
6	MOBILE UNIT		1	7145.25	7145.25
7	KEY BOARD		1	1570.8	1570.8
8	CPU TROLLY		1	1097.25	1097.25
9	Pin Board 14@450		1	6300	6300
10	Blind 20@165		1	3300	3300
					77239.95

2. ASSOC PROFF					
1	TABLE 1800X750X750		1	12062.4	12062.4
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65
3	BACK STORAGE 900X750X750		2	9072	18144
4	MEDIUM BACK CHAIR		1	7530.6	7530.6
5	Fixed Chair		2	4788	9576
6	MOBILE UNIT		1	7145.25	7145.25
7	KEY BOARD		1	1570.8	1570.8
8	CPU TROLLY		1	1097.25	1097.25
9	Pin Board 14@450		1	6300	6300
10	Blind 20@165		1	3300	3300
					77239.95

3. ASSOC PROFF					
1	TABLE 1800X750X750		1	12062.4	12062.4
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65
3	BACK STORAGE 900X750X750		2	9072	18144
4	MEDIUM BACK CHAIR		1	7530.6	7530.6
5	Fixed Chair		2	4788	9576
6	MOBILE UNIT		1	7145.25	7145.25
7	KEY BOARD		1	1570.8	1570.8
8	CPU TROLLY		1	1097.25	1097.25
9	Pin Board 14@450		1	6300	6300
10	Blind 20@165		1	3300	3300
					77239.95

4. ASSOC PROFF					
1	TABLE 1800X750X750		1	12062.4	12062.4
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65
3	BACK STORAGE 900X750X750		2	9072	18144
4	MEDIUM BACK CHAIR		1	7530.6	7530.6
5	Fixed Chair		2	4788	9576
6	MOBILE UNIT		1	7145.25	7145.25
7	KEY BOARD		1	1570.8	1570.8

8	CPU TROLLY	1	1097.25	1097.25	
9	Pin Board 14@450	1	6300	6300	
10	Blind 20@165	1	3300	3300	
					77239.95

5. ASSOC PROFF					
1	TABLE 1800X750X750	1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65	
3	BACK STORAGE 900X750X750	2	9072	18144	
4	MEDIUM BACK CHAIR	1	7530.6	7530.6	
5	Fixed Chair	2	4788	9576	
6	MOBILE UNIT	1	7145.25	7145.25	
7	KEY BOARD	1	1570.8	1570.8	
8	CPU TROLLY	1	1097.25	1097.25	
9	Pin Board 14@450	1	6300	6300	
10	Blind 20@165	1	3300	3300	
					77239.95

6. ASSOC PROFF					
1	TABLE 1800X750X750	1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65	
3	BACK STORAGE 900X750X750	2	9072	18144	
4	MEDIUM BACK CHAIR	1	7530.6	7530.6	
5	Fixed Chair	2	4788	9576	
6	MOBILE UNIT	1	7145.25	7145.25	
7	KEY BOARD	1	1570.8	1570.8	
8	CPU TROLLY	1	1097.25	1097.25	
9	Pin Board 14@450	1	6300	6300	
10	Blind 20@165	1	3300	3300	
					77239.95

7. Asstt. Proff Room					
1	PENTA 1500X1500	4	36372	145488	
2	STORAGE 1200X450X1200	4	16480.8	65923.2	
3	MEDIUM BACK CHAIR	4	13116.6	52466.4	
4	Blind 20@165	3	3300	9900	
					273777.60

8. Departmental Seminar Room					
1	TABLE 2400x900	1	39060	39060	
2	MEDIUM BACK CHAIR	4	7530.6	30122.4	
3	Student Chair	30	3391.5	101745	
4	Interective Writing Board	1	78000	78000	
5	Visulizer	1	140000	140000	
6	Projector	1	150000	150000	
7	Interactive Touch Screen	1	85000	85000	
8	Podium	1	14345.1	14345.1	
9	UPS	1		0	
10	Back Storage 900x750	2	9072	18144	
11	Blind 20@165	3	3300	9900	

(55)

						666316.50
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9. Asstt. Proff Room						
1	PENTA 1500X1500		8	36372	290976	
2	STORAGE 1200X450X1200		8	16480.8	131846.4	
3	MEDIUM BACK CHAIR		4	13116.6	52466.4	
4	Blind 20@165		4	3300	13200	
						488488.80

10. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

11. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

12. MEETING ROOM						
1	TABLE 2400x900		1	39060	39060	
2	BACK STORAGE 900X750X750		2	9072	18144	
3	MEDIUM BACK CHAIR		4	7530.6	30122.4	
4	Blind 20@165		1	3300	3300	
						90626.40

13. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	

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8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

14. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

15. Asstt. Proff Room						
1	PENTA 1500X1500		8	36372	290976	
2	STORAGE 1200X450X1200		8	16480.8	131846.4	
3	MEDIUM BACK CHAIR		4	13116.6	52466.4	
5	Blind 20@165		4	3300	13200	
						488488.80

16. Departmental Seminar Room						
1	TABLE 2400x900		1	39060	39060	
2	MEDIUM BACK CHAIR		4	7530.6	30122.4	
3	Student Chair		30	3391.5	101745	
4	Interactive Writing Board		1	78000	78000	
5	Visulizer		1	140000	140000	
6	Projector		1	150000	150000	
7	Interactive Touch Screen		1	85000	85000	
8	Podium		1	14345.1	14345.1	
9	UPS		1	185000	185000	
10	Back Storage 900x750		2	9072	18144	
11	Blind 20@165		3	3300	9900	
						851316.50

17. Asstt. Proff Room						
1	PENTA 1500X1500		4	36372	145488	
2	STORAGE 1200X450X1200		4	16480.8	65923.2	
3	MEDIUM BACK CHAIR		4	13116.6	52466.4	
4	Blind 20@165		3	3300	9900	
						273777.60

18. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	

4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

19. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

20. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

21. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	
2	SIDE CREDENZA 900X400X750		1	10513.65	10513.65	
3	BACK STORAGE 900X750X750		2	9072	18144	
4	MEDIUM BACK CHAIR		1	7530.6	7530.6	
5	Fixed Chair		2	4788	9576	
6	MOBILE UNIT		1	7145.25	7145.25	
7	KEY BOARD		1	1570.8	1570.8	
8	CPU TROLLY		1	1097.25	1097.25	
9	Pin Board 14@450		1	6300	6300	
10	Blind 20@165		1	3300	3300	
						77239.95

22. ASSOC PROFF						
1	TABLE 1800X750X750		1	12062.4	12062.4	

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2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65
3	BACK STORAGE 900X750X750	2	9072	18144
4	MEDIUM BACK CHAIR	1	7530.6	7530.6
5	Fixed Chair	2	4788	9576
6	MOBILE UNIT	1	7145.25	7145.25
7	KEY BOARD	1	1570.8	1570.8
8	CPU TROLLY	1	1097.25	1097.25
9	Pin Board 14@450	1	6300	6300
10	Blind 20@165	1	3300	3300
				77239.95

23. ASSOC PROFF

1	TABLE 1800X750X750	1	12062.4	12062.4
2	SIDE CREDENZA 900X400X750	1	10513.65	10513.65
3	BACK STORAGE 900X750X750	2	9072	18144
4	MEDIUM BACK CHAIR	1	7530.6	7530.6
5	Fixed Chair	2	4788	9576
6	MOBILE UNIT	1	7145.25	7145.25
7	KEY BOARD	1	1570.8	1570.8
8	CPU TROLLY	1	1097.25	1097.25
9	Pin Board 14@450	1	6300	6300
10	Blind 20@165	1	3300	3300
				77239.95

24. LIBRARY

1	TABLE 1200X600	30	6917.4	207522
2	FIXED CHAIR	30	4788	143640
3	Storage Full od 212	12	35805	429660
4	Table 1800x750	1	12062.4	12062.4
5	Side Credenza 900x750	1	10513.65	10513.65
6	Back Storage 900x750	2	9072	18144
7	Medium Back Chair	1	7530.6	7530.6
8	Fixed Chair	3	4788	14364
9	Blind 20@165	5	3300	16500
				859936.65

25. COMPUTER ROOM

1	Table 1800x750	1	12062.4	12062.4
2	Work Station 1200x600	15	24429	366435
3	Revoloving Chair	6	7530.6	45183.6
				423681.00

Total	5652249.05
Tax	791314.87
G Total	6443563.92

Saw Rs 64,43,564/-

Executive Engineer III

BVC Patna, BAU, Sabour

64,43,564/- Five hundred

Directors Woprky & Plants

BAU, Sabour

9/9/14

Charadashy
8/9/14
J.E. Patna
B.V.C. Patna

Technically examined of estimate for Rs
(Rupees Sixty Four Lacs Forty Three thousand
Sixty Four) only.

25/53

COLLEGE OF HORTICULTURE, NOORSARAI

Name of Estimate : Estimate for Customized Interior & Furnishing of Second Floor in Academic Block

Tutorial Class Room					
1	TABLE 1800x750	1	12062.4	12062.4	
2	MEDIUM BACK CHAIR	1	7530.6	7530.6	
3	Student Chair	30	3391.5	101745	
					121338.00

2. Lecture Room - I					
1	TABLE 2400x900	1	39060	39060	
2	MEDIUM BACK CHAIR	1	7530.6	7530.6	
3	Self Tip up Chair	120	6000	720000	
4	Interactive Writing Board	1	78000	78000	
5	Visulizer	1	140000	140000	
6	Projector	1	150000	150000	
7	Interactive Touch Screen	1	85000	85000	
8	Podium	1	14345.1	14345.1	
9	Motorized Screen	1	32000	32000	
10	UPS	1	185000	185000	
11	Blind 20@165	5	3300	16500	
					1467435.70

3. Lecture Room - II					
1	TABLE 2400x900	1	39060	39060	
2	MEDIUM BACK CHAIR	1	7530.6	7530.6	
3	Self Tip up Chair	120	6000	720000	
4	Interactive Writing Board	1	78000	78000	
5	Visulizer	1	140000	140000	
6	Projector	1	150000	150000	
7	Interactive Touch Screen	1	85000	85000	
8	Podium	1	14345.1	14345.1	
9	Motorized Screen	1	32000	32000	
10	UPS	1	185000	185000	
11	Blind 20@165	5	3300	16500	
					1467435.70

4. CLASS ROOM - I					
1	TABLE 2400x900	1	39060	39060	
2	MEDIUM BACK CHAIR	1	7530.6	7530.6	
3	Student Chair	56	3391.5	189924	
4	Interactive Writing Board	1	78000	78000	
5	Visulizer	1	140000	140000	
6	Projector	1	150000	150000	
7	Interactive Touch Screen	1	85000	85000	
8	Podium	1	14345.1	14345.1	
9	UPS	1	185000	185000	
10	Back Storage 900x750	2	9072	18144	
11	Blind 20@165	3	3300	9900	
					916903.70

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5. CLASS ROOM -II					
1	TABLE 2400x900	1	39060	39060	
2	MEDIUM BACK CHAIR	1	7530.6	7530.6	
3	Student Chair	56	3391.5	189924	
4	Interactive Writing Board	1	78000	78000	
5	Visulizer	1	140000	140000	
6	Projector	1	150000	150000	
7	Interactive Touch Screen	1	85000	85000	
8	Podium	1	14345.1	14345.1	
9	UPS	1	185000	185000	
10	Back Storage 900x750	2	9072	18144	
11	Blind 20@165	3	3300	9900	
				916903.70	

6. CLASS ROOM -III					
1	TABLE 2400x900	1	39060	39060	
2	MEDIUM BACK CHAIR	1	7530.6	7530.6	
3	Student Chair	56	3391.5	189924	
4	Interactive Writing Board	1	78000	78000	
5	Visulizer	1	140000	140000	
6	Projector	1	150000	150000	
7	Interactive Touch Screen	1	85000	85000	
8	Podium	1	14345.1	14345.1	
9	UPS	1	185000	185000	
10	Back Storage 900x750	2	9072	18144	
11	Blind 20@165	3	3300	9900	
				916903.70	
				G Total	5806920.50
				Tax	812968.87
				G Total	6619889.37

checked
8/9/14
T.E.
B.V.C. Patna

Say Rs 66,19,889/-

[Signature]
8/9/14
Executiv Engineer-III
BVC Patna, BAU, Sabour

Technically examined of estimate for Rs 66,19,889/- (Rupees Sixty Six Lacs Nineteen thousand eight hundred Eighty Nine) only.

[Signature]
9/9/14
Directors Works & Plants
BAU, Sabour

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COLLEGE OF HORTICULTURE, NOORSARAI

Name of Estimate : Multipurpose Hall A.V. Stage Light & Furnishing

BILL OF QUANTITIES (BOQ) FOR STAGE FURNISHING - A

Sl No	Description	Qty	Unit	Rate	Amount
1	Supply of Main curtain made of velvet curtain (480 to 500 gram in 1 mtr) cloth with horizontal sliding arrangement complete with fixing railing track , fixing brackets ,runner, master runner, 3mm rope wire , 1HP crompton moter , drum with groove cutting pulleys , 2 no air breaker switch for reverse 7 forward 2 no air micro switch for auto stop , 3 no push button for open/stop/close position the curtain should be dropped to half area ,whenin closed position and minimum overlap at the center should be 900 mm and curtain should be stiched in double gathering of Appropriate size	1	Nos	225,750.00	225,750.00
2	Supply of back curtain made out of vista /kit-kat curtain cloth with horizontal sliding arrangement complete with fixing railing track, fixing brackets , runner , master, rope wire , 1HP crompton moter , drum with groove cutting pulleys , 2 no air breaker switch for reverse 7 forward 2 no air micro switch for auto stop , 3 no push button for open/stop/close position the curtain should be dropped to half area ,whenin closed position and minimum overlap at the center should be 900 mm and curtain should be stiched in one half gathering in	1	Nos	199,500.00	199,500.00
3	Supplying of suitable size average frills made out from Black glazed cotton cloth duly stiched in double gathering in appropriate size	2	Nos	34,650.00	69,300.00

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4	Supplying of suitable size stage wing panel made out from 25mm x 50mm of 16swg MS pipe duly painted in black color with black glazed cotton cloth both side having manual moving facility of appropriate size	4	Nos	79,800.00	319,200.00
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Total of A 813,750.00

BILL OF QUANTITIES (BOQ) FOR AUDIO, VEDEO - B

Sl No	Description	Qty	Unit	Rate	Amount
VEDEO					
1	Digital Projection System with , 1 Chip DMD , Dual UHP Lamp , Aspect Ratio 16:9 , Brightness 6000 (Lumens) , Contrast Ratio 2000:1 , Display Type 0.67" DLP x 1 , Resolution (Native / Max) WXGA (1280 x 800) , Connectivity 1 x Component Video, RGBHV, RGBS or RGsB (5 BNC) , 1 x Composite Video BNC), 1 x S-Video (4-pin mini-DIN) 1 x VGA (D15 connector), for RS232 In/Out , Power Supply 90 ~ 254V / 50 ~ 60 Hz complete as per the specifications.[Make : BARCO / Digital Projection	1	Nos	577500.00	577,500.00
2	Long Throw Projection Zoom Lens Long Throw (2.22-4.43:1) to project desired size from a distance of 58' and as per the specifications , complete as required . [Make : BARCO / Digital Projection /Vivitek/Sony/Delta/Casio/Mitsubis	1	Nos	262500.00	262,500.00
3	Fixed Projection Screen of 5800 mm (w) x 3625 mm(h) with white matt fabric complete duly framed complete in all aspects complete as per the specifications	1	Nos	136500.00	136,500.00
4	LCD Panel with Screen Size 50 " , Supported Resolution HD , Contrast Ratio 2000:1 , Digital Inputs 1 X HDMI , VGA 1 X HD 15 , Composite Video 1 X RCA , complete with Wall Mounting Kit	2	Nos	85,000.00	170,000.00
AUDIO					

5	Supply of 2 way , 8 ohm, 700/1400W rms, 1x 15" custom neodymium woofer , 1x 1.4" custom driver /horn, polypropylene material , gas - injection moulding tech [Make :	6	Nos	79275.00	475,650.00
6	Supply of speaker mount bracket	6	Nos	5250.00	31,500.00
7	supply of stage monitor 2 - way , 8 ohm 500/1000W rms 1x15" woofer, 1x1" driver coaxial with 90° horn ,baltic birch cabinet , durable	2	Nos	79275.00	158,550.00
	Installation testing & commissining of of 2 in x 6 out digital loudspeaker management processor [dbx-drive	1	Nos	91875.00	91,875.00
8	Supply of power amplifier for 800w rms for main speaker	3	Nos	54075.00	162,225.00
9	Supply of power amplifier for 600w rms 8 Ohm	2	Nos	46305.00	92,610.00
10	Supply of Audio mixer multipurpose 16ch- mono , 4ch- stereo inputs, group -2 , direct outs- All mono channels, EQ Bands mono inputs- 3(swept mid), filters- 100Hz HPF mono inputs, Auxiliary sends 3+ lexicon FX,	1	Nos	121800.00	121,800.00
11	Suupply of Behringer feed back destroyer	1	Nos	30450.00	30,450.00
12	Supply of graphic equalizer [DBX/DOD/Equivalent]	2	Nos	32550.00	65,100.00
13	supply of podium microphone [shure/AKG/FBT/Equivalent]	2	Nos	40950.00	81,900.00
14	Supply of digital delay unit midi [verb/Equivalent]	1	Nos	38850.00	38,850.00
15	supply of corded microphone [shure/AKG/Equivalent]	6	Nos	10290.00	61,740.00
16	Supply of instrument microphone [shure/AKG/Equivalent]	6	Nos	10080.00	60,480.00
17	Supply of microphone stand Big	6	Nos	1995.00	11,970.00
18	Supply of microphone stand Small	6	Nos	1365.00	8,190.00
19	Supply of DVD Player [Sony/LG]	1	Nos	4725.00	4,725.00
20	supply of microphone cable from stage to control room for microphone points with conduit	500	mtr	126.00	63,000.00
21	Supply of speaker wire 2.5sqmm, 2 core with speak on	300	mtr	140.00	42,000.00
22	Supply of microphone connecting box made out from CRC sheet metal box duly powder coated paint , with 4 nos XLR panel mounting socket & phono socket having the facility to connect the 4	4	Nos	7000.00	28,000.00

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	Installation testing & commissining of patch pannel box made out of CRC sheet metal box duly painted in black color to be fixed in the facility to connect 16 nos microphone channel	1	job	21000.00	21,000.00
23	Supply of suitable size Audio rack having to fix the audio Amp, Graphics, delay & feed back	1	Nos	57750.00	57,750.00
24	Supply of Audio interconnecting cables for amplifier , Audio mixer, graphic Eq & delay unit etc.	1	lot	63000.00	63,000.00
25	Supply of XLR to XLR lead up to 20 mtr connecting the microphone	20	Nos	2650.00	53,000.00

Total of B 2,971,865.00

BILL OF QUANTITIES (BOQ) FOR STAGE LIGHTING - C

Sl No	Description	Qty	Unit	Rate	Amount
1	Supply of Par -64 , 1000w,240v shielded beam available in three version i.e. spot , flood and wide flood, color , temperature 3200kbase-extended module end prog, housing CRC sheet metal matt black finish with sufficient ventilation, with 2 mtr,3core wire,	12	nos	8,300.00	99,600.00
2	Supply of Profile spot 26" 750w HPL lamp with rated power up to 750 w with great 750 w lamp, faceted reflector removes 90% of IR heat from its beam, interchangeable lense tubes rotating + 250 , four stainless steel shutter blades assembly , tool- free lamp position adjustment , insulated & safe rear handle , rugged & grace ful die - cast aluminium construction, Power 220v/50Hz, lamp 220vHPL 750w G9,5, color temperature 3200k , Available -19/26/36/50" with 3 core	2	nos	26,000.00	52,000.00
3	Supply of spot light 1000w 240v Halogen lamp T-11 type reflector spehrical , anodised finish , lense piano convex lense 150mm dia, housing CRC sheet , color black , focusing front /back/rotary knob, 2 mtr, 3 core copper wire , plug top	4	nos	11,000.00	44,000.00

4	Supply of Halogen floods 1000w brandoor type with halogen tube, reflector aluminium anodised finish, color black, housing CRC sheet metal holder 2 Nos RTS/RX 7S with silver tip contact 2, mtr 3 core copper wire 3 pin	4	nos	2,300.00	9,200.00
5	Supply of Cyclorama flood light, 500w with halogen tube, reflector aluminium anodised finish, color black, housing CRC holder 2 Nos RTS/RX7S with silver tip contact 2, mtr 3 core copper wire 3 pin plug top	9	nos	4,500.00	40,500.00
6	Supply of Fresnal light 1000w/240v T-11 type with Brandoor, reflector spherical, anodized finish, fresnal lens 150mm dia, housing CRC sheet, color Black, focusing	4	nos	12,500.00	50,000.00
7	Supply of Electronic dimmer wall mount type 12chx 4kw auto sensing of supply voltage (140-260VAC) Automatic supply frequency taking 40-60Hz, Liner dimming curve, Neon load present indicator high quality RF noise suppression, radio frequency interference suppression to better than BS - 800 guidelines, 12 ch -99.5% duty cycle, single dual or three operation, phase monitoring Neon, control signal monitoring LEDs 0-10V control input by one 8 pin din socket, soft start function at power up, lamp pre heat level selector for longer lamp	1	nos	111,500.00	111,500.00

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8	Supply of Light controller 12 ch double preset/24ch single preset (wide) DMX 512/1990 standered output 12/24 channel , 24 registers (assignable with scan memories or chase) + 12 registers for the immidiate modification of the channel , 12 page of registers (total 288 scane memories) , 12 programmable chase (level or on/off) with chase level independent . Manual function with flash keys automatics cross fade between the two preset (go function) , scane function with register of memory , flash mode , solo & cross fader, regulation of the cross - fade time between two	1		142,000.00	142,000.00
9	Supply of DMX cable for dimmer to control room	50	mtr	190.00	9,500.00
10	Supply of DMX splitter 1 in 8 out	1	nos	19,000.00	19,000.00
11	50mm dia B class GI pipe to be hung from existing grid or roof structure for side wings, lighting	1	job	70,000.00	70,000.00
12	Side light ladder of 25mm x 50mm MS tube size (6'x2')	6	nos	8400.00	50,400.00
13	Supply, laying and termination of suitably sized Electrical Cables including all accessories including GI Cable tray for all the above	1	Job	36,750.00	36,750.00
14	Supply of 2.5sqmm x3 core wire for light point	1	Lot	90,000.00	90,000.00
				Total of C	824,450.00
				Total of A+B+C	4,610,065.00

Charles
8/9/14
J.E.C. Patra

[Signature]
8/9/14
Executiv Engineer-III

BVC Patna, BAU, Sabour

Technically examined of estimate for Rs 46,10,065/- (Rupees Forty Six Laes Ten thousand Sixty Five) only.

Directors Woprks & Plants

[Signature]
9/9/14
BAU, Sabour

COLLEGE OF HORTICULTURE, NOORSARAI
MULTIPURPOSE HALL ACOUSTIC & GENERAL LIGHTING
BILL OF QUANTITIES (BOQ) FOR ACOUSTIC - A

SI No	Description	Qty	Unit	Rate	Amount
	WALL ACOUSTICAL TREATMENT				
1	Acoustic Paneling :Providing,supplying and fixing in position Acoustics Wall Panels made of Wood Fibre cement composites 25mm thick and covered with Acoustically Transparent Fabric on the front side, with an option of colours as per the choice of the person in charge of size 1200X600 or 600X600mm with a backing of 50mm thick resin bonded glass wool of density 48kg/m2. Providing minimum sound absorption of 0.90 NRC, meets the stringent fire ratings ASTM- 876, weather resistance, excellent minimum Thermal Insulation value panel = 45w/m2/k excellent results with glass wool backing. To be installed with H wall profile which gives flexibility to use multiple colours of HA panel, fixed on Acoustics G.I studs.50mm web, flanges 15 & 50mm fully knurled giving it high strength, hot dipped galvanized steel with 120GSM zinc coating specially designed for Acoustic vibration management	3000	Sft	375.00	1,125,000.00
2	Veneer Paneling : P/F of Veneer door paneling on soft wood frame of 22"x 27" (miranthi / sembal) or as per site requirement of all walls up to the height of ceiling of 4mm natural teak veneer of mint/Safron/Dumex/Equivalent on thick commercial ply surface of 10mm of Mint/Safron/Dumex/Supreme /Equivalent ISO Certified as required with suitable adhesive, whether pasting on flat or curved surface with or without grooves duly finished with duly melamine polish coat on sealer as required	1500	Sft	350.00	525,000.00

CEILING TREATMENT					
3	Acoustic Cieling: P/F Armstrong microlook edge ceiling tiles with glass fiber substrate of size 600mmx600mmx15mm having NRC 0.90, Light reflectance of >80% (WT), thermal conductivity k = 0.040 W/m0K. Humidity Resistance of 95% RH, and having Fire Performance CLASS 1 (BS 476). The tile shall have a front facing of white scrim tissue of 180 gsm and 45 gsm formaldehyde free fiber tissue backing with Armstrong stitched trulok 15 exposed grid system with T section flages, white colour 15mm gird to comprise main runners spaced at 1200mm centre to centre securely fixed to structural soffit by approved hangers at 1200mm maximum centre to centre and not more than 150mm from spliced joints. (wiring light fitting and other	3000	Sft	252.00	756,000.00
Floor Treatment					
4	Wood Flooring Material :Providing of Imported quality hard HDF core board , 8mm thick AC 4 standered lying on 2mm, thick foam to resist moister , Heat Resistant, fade resistant, stain resistant, hygienic & easy to clean and resistant to common house hold chemicals	1000	Sft	310.00	310,000.00
5	Self Tip Up chair Housing for cushion & backrest FEP-fiber PU armrest ED-212	200	no	5880.00	1,176,000.00
Total of A					3,892,000.00

BILL OF QUANTITIES (BOQ) FOR ELECTRICAL - B

SI No	Description	Qty	Unit	Rate	Amount
WIRING IN PVC CONDUIT					
1	Wiring in existing conduit Supplying and drawing following sizes of PVC insulated copper conductor, single core cable in the existing surface / recessed / PVC conduit as required.				
1.1	1.5mm copper wire	1500	Metre	12.75	19,125.00
1.2	6mm copper wire	200	Metre	76.25	15,250.00

	SWITCHES & ACCESSORIES				
2	S/F modular type switch/socket: Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connections but excluding				
2.1	5/6 amps switch	150	Each	102.00	15,300.00
2.2	3 pin 5/6 amp socket outlet	24	Each	139.00	3,336.00
2.3	S/F modular boxes, base & cover plate: Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc. as required.				
2.4	1 or 2 Module (75mmx75mm)	2	Each	67.00	134.00
2.5	4 Module (125mmx75mm)	6	Each	94.00	564.00
2.6	6 Module (200mmx75mm)	10	Each	146.00	1,460.00
2.7	8 Module (125mmx125mm)	6	Each	181.00	1,086.00
2.8	12 Module (200mmx150mm)	10	Each	245.00	2,450.00
3	S/F power plug point modular type accessories: Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 15/16 & 5/6 amps modular socket outlet and 15/16 amps modular switch connection, painting etc. as required.	2	Each	350.00	700.00
4	S/F ceiling rose: Supplying and fixing 3 pin 5 amp. Ceiling rose on the existing junction box / wooden block including connection etc as required.	20	Each	35.00	700.00
	Armoured Cable				
5	S/L of XLPE Aluminium Armoured Cable: Supply and laying of PVC insulated XLPE power cable of 1.1 KV grade of following size in ground including excavation, sand cushioning, protective covering and refilling / cable tray / electrical ducts / under floor etc. complete in all respects including end termination including all accessories like glands/lugs, etc.				
5.1	3.5C X 150 Sqmm Al. Ar. Cable	50	Rmt	1,256.00	62,800.00
	LIGHT FITTINGS				

6	S/I of Light Fittings: Supply, installation, testing and commissioning of following Prewired light fittings complete with all accessories including light tube, etc as per drawings as specified by the consultant				
6.1	Down Light	150	Each	450.00	67,500.00
6.2	Spot Light	50	Each	650.00	32,500.00
6.3	Ceiling Mounted Light	20	Each	3,500.00	70,000.00
	FANS				
7	S/I of Fans: Supply, installation, testing and commissioning of following Fans/Exhaust Fans including all accessories, consumables and necessary civil work if required complete in all respect as per drawings as specified by the consultant				
7.1	Wall Fan	20	Each	2,500.00	50,000.00
	MAIN ELECTRICAL PANEL				
8	commissioning of M.V. cubicle type totally enclosed free standing type, dust, damp and vermin proof extendable, Main LT Panel complete with busbars, M.V. danger notice plate, ammeter, ammeter selector switch, voltmeter	1	Each	135,500.00	135,500.00
				Total of B	478,405.00
				Total of A+B	4,370,405.00

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 T.E.
 B.V.C. Patna

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 Executiv Engineer-III
 BVC Patna, BAU, Sabour

Technically examined of estimate for Rs 4,370,405/- (Rupees Forty Three Lacs Seventy thousand Four hundred Five) only.

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 9/9/14
 Directors Woprks Plants
 BAU, Sabour

College of Horticulture, Noorsarai

Specification of Customized Furniture & Fixture

Executive Table: Modular executive table top made in 36mm (plpb) thickness with pvc edge bending tape on all sides with pull out key board size of 2400x900x750, modesty in 18mm, side credenza top in 25 mm base in 18mm thickness with 2 pull-out-drawers lockable, & doors as storage size of 900x400x750 with complete back storage with shelf inside top in 25mm thickness base in 18mm with locking system.

Table: Size as per drawing table top made in 25mm (plpb) thickness with pvc edge bending tape on all sides with pullout key board, modesty in 18mm pedestal unit top in 25mm lock & handle provided.

Work Station: Modular workstation set-up along with 50mm box type partition in combination of pin-up/marker board. Table top in 25mm thickness (plpb) with pvc edge bending tape on all sides each table has provision of key board, pedestal drawer unit, cpu trolley & on top half round glass separators of 8mm with d type locks each seating as per drawing.

Box type partition: Modular 50mm box type partition with a combination of 9mm plain board single raceway with pin board upto 1200mm as per size.

High back chair: The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with Leather-cloth (PVC coated cloth) or fabric and moulded Polyurethane foam. The back foam is designed with contoured lumbar support for extra comfort. The Polyurethane foam is moulded with density = 45 +/- 2 kg/m³ and Hardness = 20 +/- 2 kg. on Hampden machine at 25% compression. 360° revolving type. 14" maximum back-tilt only. Tilt tension adjustment. Pneumatic height adjustment: the pneumatic height adjustment has an adjustment stroke of 12.5 cm.

Medium back chair: The seat and back are made up of 1.2 cm. thick hot-pressed plywood, upholstered with Leather-cloth (PVC coated cloth) or fabric and moulded Polyurethane foam. The back foam is designed with contoured lumbar support for extra comfort. The Polyurethane foam is molded with density = 45 +/- 2 kg/m³ and Hardness = 20 +/- 2 kg. on Hampden machine at 25% compression. 360° revolving type. 14" maximum back-tilt only. Pneumatic height adjustment: the pneumatic height adjustment has an adjustment stroke of 12.5 cm.

Fixed chair: The seat and back are made from 1.0cm thk. Hot pressed water resistant, commercial Plywood upholstered with P.U. foam and fabric, The Polyurethane foam is molded with density = 45 +/- 2 kg/m³ and Hardness = 20 +/- 2kg. on Hampden machine at 25% compression, the understructure assembly is a cantilever type mainframe made of E.R.W. tube and black powder coated.

Student chair: The seat and back are made from 1.0cm thk. Hot pressed water resistant, commercial Plywood upholstered with P.U. foam and fabric, The Polyurethane foam is molded with density = 45 +/- 2 kg/m³ and Hardness = 20 +/- 2kg. on Hampden machine at 25% compression, the understructure assembly is a cantilever type mainframe made of E.R.W. tube and black powder coated with writing board.

Revolving stool: Round SS top with 360° revolving type. 14" maximum back-tilt only. Pneumatic height adjustment: the pneumatic height adjustment has an adjustment stroke of 12.5 cm.

M.S. Framed Fixed

Class room seating: Three Seater Student Desk, Wooden Top, Wooden Seat Back Shell, and Pipe Frame

Sofa three seater: Sofa with SS Pipe Frame, PU Leatherite Tapestry 1700 (L); 825 (D); 860 (H) mm

Sofa single seater: Sofa with SS pipe frame, PU Leatherite Tapestry 650(L); 825(D); 860(H)

Center table: Base of PLPB edge bending toughened glass top of 12mm 4'x2'

Corner table: Base of PLPB edge bending toughened glass top of 12mm 2'x2'

Wall cabinet: Wall Cabinet with 2 Doors & 1 Shelf 18mm PLPB Edge bending (750mmX400mmX800mm)

Storage: Cabinet with 3 Doors & 2 Shelves 25mm Top with Base of 18 mm Laminated Board (1200mmX400mmX1200mm)

Back Storage: Low Height Back Storage Top in 25mm Base in 18mm thickness (plpb) with edge bending with open able Lockable & Doors as storage Size of 900x450x750

Side credenza: Side Credenza Top in 25mm Base in 18mm thickness (plpb) with pull out Drawer, Lockable & Doors as storage Size of 900x450x750

False ceiling: P/ F of 2' X 2' Acoustic ceiling tile with micro look Silhouette channels. Tile to be Prime Dune of Aerostone make. Shall be white in color with providing, of Compound board suspended Ceiling which are fixed with dash fasteners; in curvilinear design. With single or two layers of 12mm Compound board, screw-fixed to the underside of the suspension grid consisting of intermediate channels, along with required Matching Ceiling light of good brand (Philips/Osram/Orpat or equivalent) with complete accessories of Havel's/Crabtree or equivalent

Wall painting: Prepare surface by cleaning and puttying & punning over with chicken mess if required wherever necessary, applying interior grade enamel painting of approved shade and color of Asian/Berger/Nerolac/Equivalent required no of coats & type of primer up to the finishing

Projector: DLP Projector, with WXGA Resolution , 2500 ANSI Lumens , Display Type Single DLP , Throw Ratio 0.19:1 (Distance/Width) , Aspect Ratio 16:10 Native, 16:9 & 4:3 Compatible ,Keystone Correction $\pm 15^\circ$ Vertical , Color Spectrum 16.7 Million ,Horizontal Scan Rate 15,30 to 90 KHz Vertical Scan Rate 43 to 85 Hz ,Speaker 10W Mono , Remote Control Fully Featured IR Remote with Laser Pointer

Motorized Projection Screen: Size 2500x1500mm matt white seamless fabric with IR remote three position switching 220-240 Ac power supply wall and ceiling mounted.

Interactive Writing Board: Supply , Installation , Testing & Commissioning of Interactive Board with 80" diagonal , Surface: Dry Erase Porcelain Steel , Multi-Touch: 2-pt ,Technology: Infrared , - Writing Method: Finger, Pen, or Wand , Operating Systems: Windows 2000/XP/Vista/7 ,Connections: USB as per the specifications, complete as required .

Visualizer: Supply , Installation , Testing & Commissioning of Visual Presenter with 1 Mega Pixel resolution , 1/3" CMOS Sensor , 9x optical zoom , , LED side lamps and base lamps as per the specifications, complete as required .

Gooseneck Microphone: Supply , Installation , Testing & Commissioning of 16 Inch gooseneck cardioid Microphone, polar pattern Cardioid, Frequency Range 70-18000 Hz, Sensitivity 18mV/Pa, Impedance ≥ 2000 ohms and as per the specifications , complete as required .

Interactive Touch screen: Supply , Installation , Testing & Commissioning of TFT active matrix electromagnetic LCD Panel of 19" to Write, draw and annotate over any running application , Works with Doc Cam, Camcorder, and firewire equipment to annotate on live video , Directly write into Office (Word/Excel/PowerPoint) files , Full featured object management tool (copy/paste/rotate/zooming/color changing) , Thumbnail review capability enables you quickly find any marked slides, Feature to directly write/type into presentation , Handwritten object recognition and conversion , Electromagnetic grip pen can function as a mouse with parallel output signal being displayed on large screen , as per the specifications, complete as required.

UPS: Microprocessor based 6KVA UPS System true online double conversion input current THD less than 5% high input power factor more than 0.99 single phase input single phase output output power factor 0.9 pure sin wave rack and power configuration wide input range 100v-300v with SMF battery bank of 30 min.

Conference Audio System:

1.0 Ceiling Speaker

Description	Specifications
Transducers	5.25" (13 mm) , 1" titanium dome tweeter, neodymium magnet
Frequency Range	63 Hz - 20 kHz
Frequency Response (± 3 dB)	53 Hz - 20 kHz
SPL	103db.
Nominal Impedance	8 ohms
Power Capacity	40 Watts
Nominal Coverage	100° conical pattern

2.0 Amplifier

Description	Specification
Stereo Mode	2x300W
Bridge Mono	1200W at 4 ohms
Frequency Response	20 Hz - 20kHz, 8 ohms
Input Sensitivity	0.775V, 26Db, 36Db
S/N Ratio (rated power)	≥ 107 Db
Input Impedance	20k ohm balanced, 10k ohm unbalanced

Controls Front	AC power switch.Ch.1 and Ch.2 gain control
Connectors input	XLR female each channel, parallel XLR male output
Cooling	Continuously variable-speed fan, back-to-front air flow

3.0 Digital Signal Processor

Descriptions	Specifications
Input	10 balanced mic/line inputs on plug-in barrier strip.
Output	6 balanced mic/line inputs on plug-in barrier strip.
Ethernet Port	Ethernet port for software configuration/control
serial port	for third-party RS-232 remote control
Input Impedance (mic/line balanced):	8k ohms
Maximum Input (mic/line balanced):	+24dBu
Input Gain Range (variable):	0dB ~ +66dB

4.0 Mixing Console

Descriptions	Specifications
Channels	8 Channel
Frequency Response	.
Mic /Line input to any output	+/-1.5db, 20Hz-20kHz
T.H.D.	
Mic sensitivity	<0.01%@1kHz
Noise	
Mic input E.I.N.(Maximum gain)	-126.5dbu(150Ω source)
Aux. Mix and masters(@0db,faders down)	<-85dbu
Crosstalk (@1 KHz)	
Channel Mute	>96db
Fader cut off	>96db
Aux send pots offness	>86db
EQ(Mono output)	
HF	12KHz +/- 15DB
MF	150Hz-3.5kHz +/-15db
IP	80Hz +/-15db

Q	1.5
Power Consumption	Less than -10w
Operating condition	
Temperature Range	5°C to + 40°C
Input & Output levels	
Mic input	+15dbu
Line input	+30dbu max
Stereo input	+30dbu max
Headphone (@150Ω)	300mW
Mix. Output	+20dbu max
Recommended headphone impedance	32-200Ω
Input & Output Impedance	
Mic input	2kΩ
Line input	10kΩ
Stereo input	45kΩ
Outputs	150kΩ(balanced) , 75Ω(unbalanced)

5.0 Wireless Lapel Microphone

Description	Specifications
Frequency	UHF
Selectable Frequency	8
Modulation Mode	FM
Operating Range	200' typical
Frequency Response	100 Hz to 12 kHz
T.H.D. at 1 kHz	typ. 0.8%
Compander	Yes
Signal/noise ratio	typ. 110 dB(A)
RF output	10 mW
Current consumption	typ. 70 mA
Power requirement	1 x 1.5 V AA size battery (LR 6 to IEC 86-L)

Battery life	typ. 31 hours (for 2200 mAh)
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6.0 Gooseneck Microphone

Descriptions	Specifications
Polar angle	Cardioid
Pickup angle	125°
Frequency range	70 to 16,000 Hz
Sensitivity	-37 dB (14.1 mV) re 1V at 1 Pa
Max.SPL for 1% THD	134 dB SPL
Electrical impedance	100 ohms
Power Requirement	9 to 52 V phantom power
Connector	3-pin male XLR
Finish	Black / Dark Grey
Size (Length of Gooseneck)	16" – 18"
Standard accessories	Windscreen

7.0 RGBHV Cable

Features	Five miniature high resolution coaxial cables Two shielded twisted pair cables conveniently combined into one integration-friendly jacket Non-Plenum
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8.0 Video Cable

Features	Single conductor super high resolution video cable Single 18 AWG 75 ohm coaxial conductor Superior Performance cable for demanding analog video Digital SDI/HDSDI applications Non-Plenum
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9.0 Speaker Cable

Descriptions	Specifications
Features	Two Core Twin twisted 12 AWG Loudspeaker cable Multi-strand typically 140 strand of cooper 0.15 mm each Conductor resistance <4.5 ohm Overall PVC Sheath

10.0 Microphone Cable

Descriptions	Specifications
Features	Two core Twin twisted shielded microphone cable Multi-Strand 100% shielding factor using tin plated cooper

11.0 CAT 5/6 Cable

Features	Unshielded Twisted Cable. Enhanced Category 5E cable, commonly known as Cat. 5E. Solid Cable, 4 Twisted pairs. Cable supports frequencies up to 100 Mhz.
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12.0 HDMI Cable

Features	High Speed and Standard Speed HDMI cable (Length 10mtr) HDMI cables support the following resolutions: 480i, 480p, 720p, 1080i, 1080p.
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Podium: Lectern (Podium) to accommodate 19" Interactive Panel, Desktop Pc, Visualizer and Connectivity of Gooseneck Microphones , complete as required .

Vertical Blind: Providing of Good quality Vertical blends of 100mm width mounted on a hot dipped Galvanized flanges which shall be powder coated white

The laboratory furniture should be modular in design made of mainly from G.I CRCA steel as specified under with best and full coverage of powder coating mentioned.

Exposed welding marks must be polished smooth to improve aesthetics.

Shutters and drawer-fronts should be in the same plane.

Aluminum Flush type handles must be in each drawer and Shutters

Work benches consisting with following major items:

- A. Table C Frame design.
- B. Work Top of Granite.
- C. Reagent with adjustable Shelves
- D. Service panels.
- E. Storage cabinets / drawers
- F. Sink Units
- G. Three way faucet.

A. Table C Frame design

- ❖ Table C frame has to be from 50mm x 25mm rectangular pipe, having gauge of 18 SWG.
- ❖ Finished height of the island/wall benches have to be 750mm or 900mm as specified.
- ❖ Legs to be supplied with adjustment feet of +/- 15mm to correct unevenness of the floor.
- ❖ The entire steel frame of the table has to be powder coated and the film thickness must be 60 to 70 microns which passes the test of scratch hardness.
- ❖ Color of the furniture must be in water blue and Off White pattern.
- ❖ The modular construction has to be jointed with high tension pan head M6 Zinc coated with appropriate color fasteners for better corrosion resistance.

B. Work Top of Granite

- ❖ 18 - 20mm superb quality, highly glazed, acid proof Jet black granite with the edges having rounded
- ❖ Profile of 10mm radius on front side.
- ❖ It has to be chemical resistance and highly scratch and wear resistance and good clean ability.

C. Reagent with adjustable Shelves

- ❖ The reagent shelves are mostly provided with island type or peninsular work benches where there is need to store Reagent bottles.
- ❖ Size should be as specified in the drawings.
- ❖ The end vertical supports, sides and the horizontal shelves have to be two tier and adjustable and made out Aluminum sections & Glass
- ❖ Surface treatment, the complete material must be pretreated (degreased, Zink phosphate) and epoxy powder coated (45 – 50 microns) for better corrosion resistance and having scratch resistance.
- ❖ Each vertical panel has to be assembled with horizontal shelf with M6 fasteners having Zink – Cobalt cabinet connectors with nylon cap nuts. The horizontal shelf must have the provision for fixing the service panel to it.

D. Service Panels & Cabinets

- ❖ All the above accessories must have a very high temperature withstand capacity and excellent electrical be attached to the reagent shelf. It should come in the modular range of reagent shelf.
- ❖ Size should be as specified in drawings.
- ❖ Surface treatment, the complete material must be pretreated (degreased, Zink phosphate) and epoxy powder coated (45 – 50 microns) for better corrosion resistance and having scratch resistance.
- ❖ For cabinets two adjacent units if there is must be connected together with Zink Cobalt coated cabinet connector and the shutters should be fitted with Nickel Chrome plated self closing hinges.
- ❖ The drawer trays should be mounted on nylon roller baring slides which should be made up of 1.6mm thick steel sheet.
- ❖ Each service panel is assembled with Reagent shelf by pop rivets for better aesthetics, There should be a bottom panel cover. All the electric fittings, wires, coming from mains to switches on service panels have to be completely enclosed to avoid any accidental situations.
- ❖ Electrical fittings, each module to have 2nos. Switch and sockets and should consists of North – West /Siemens/Philips make.

- ❖ 5Amp 3 pin socket
- ❖ 16Amp 5 pin socket with LCD
- ❖ All the above accessories must have a very high temperature withstand capacity and excellent electrical insulation properties. The rear portion of above accessories, which is in contact with live metal, has to be made from thermo set material, which does not melt on heating.

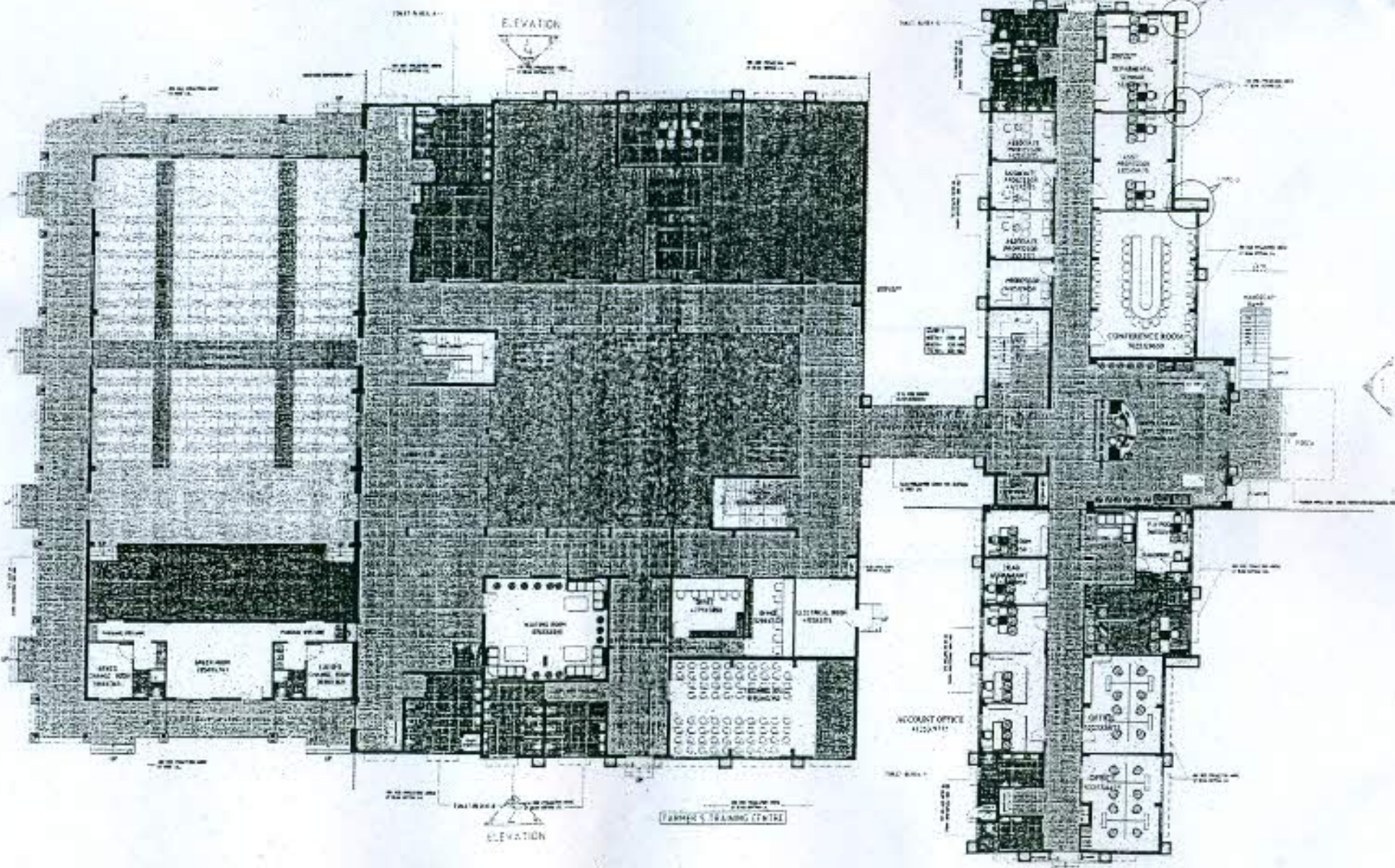
E. Storage cabinets / drawers

- ❖ Storage cabinets /drawer units has combination of vertical and horizontal frames of varying width standing on height adjustable legs each having a load carrying capacity of 450Kgs. The cabinets and drawers have to be flush constructed with doors and drawers in the same plane without any overlap with the main bench frame and has to be aesthetically high in look.
- ❖ A complete modular type storage cabinets or drawer units consists of Cabinet C Frame structure, cover panels, metal shutters and drawers specified by the client, adjustable shelves, support brackets, slides, specified hinges and stainless steel handles.
- ❖ Other than the shutters and if specified shutters have to be made out of 1.2mm CRCA steel sheets and epoxy powder coated of 50-60 microns.
- ❖ The drawer and shutter fronts should be provided with Silicon gaskets for noise free closing.
- ❖ The shutters should be fixed on the modules with detachable concealed hinges having adjustability in three directions, which should be open able to 90 degree and are self closing on Return.
- ❖ Each work bench has one storage cabinet and one drawer unit as specified above and as shown in the drawing.

F. Sink Units

- ❖ Sinks have to be injection molded Polypropylene co - polymer resin and should be compatible with waste number of acid alkalis and organic solvents and reagents. It has to be provided with a high

GROUND FLOOR

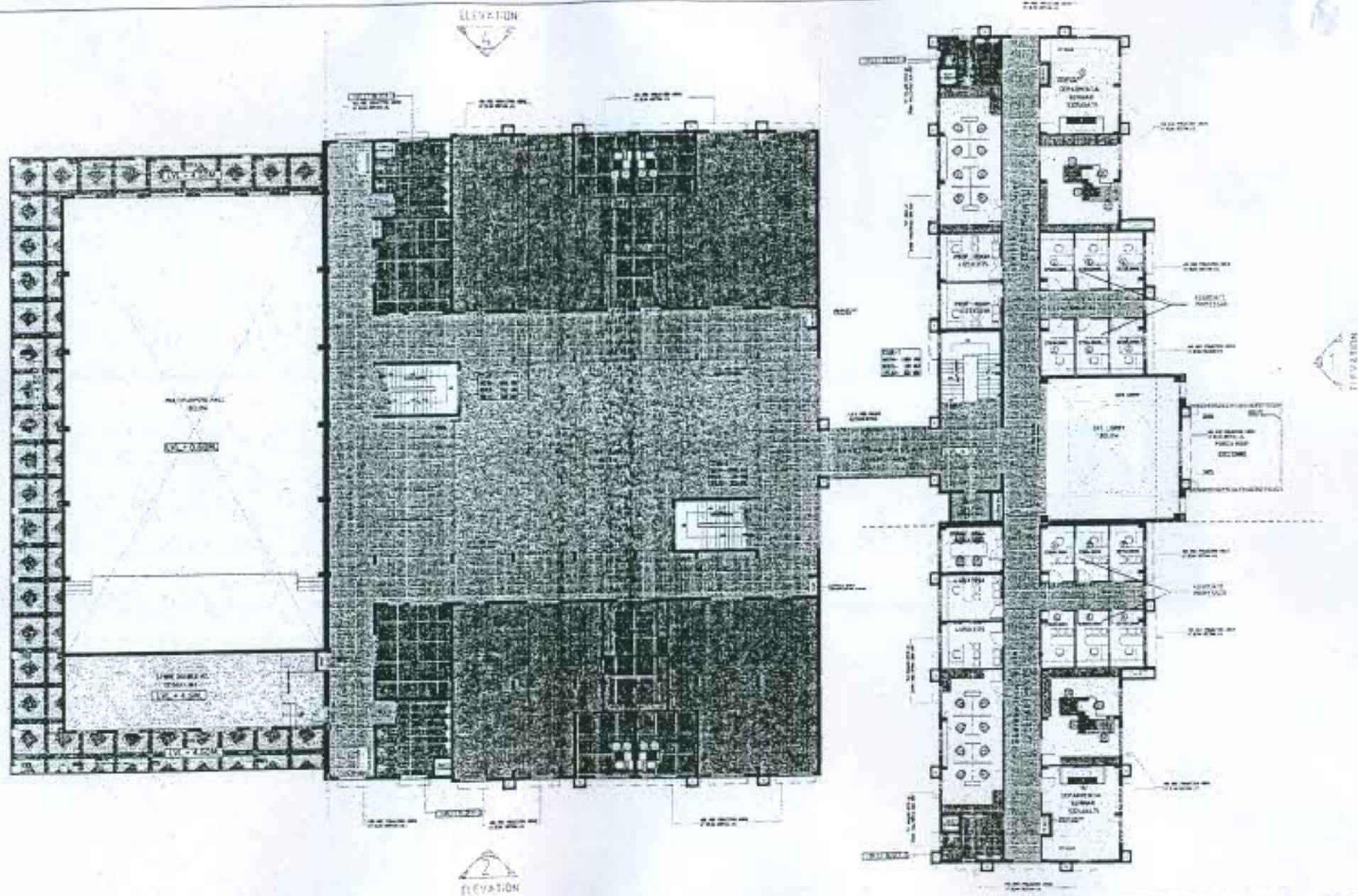


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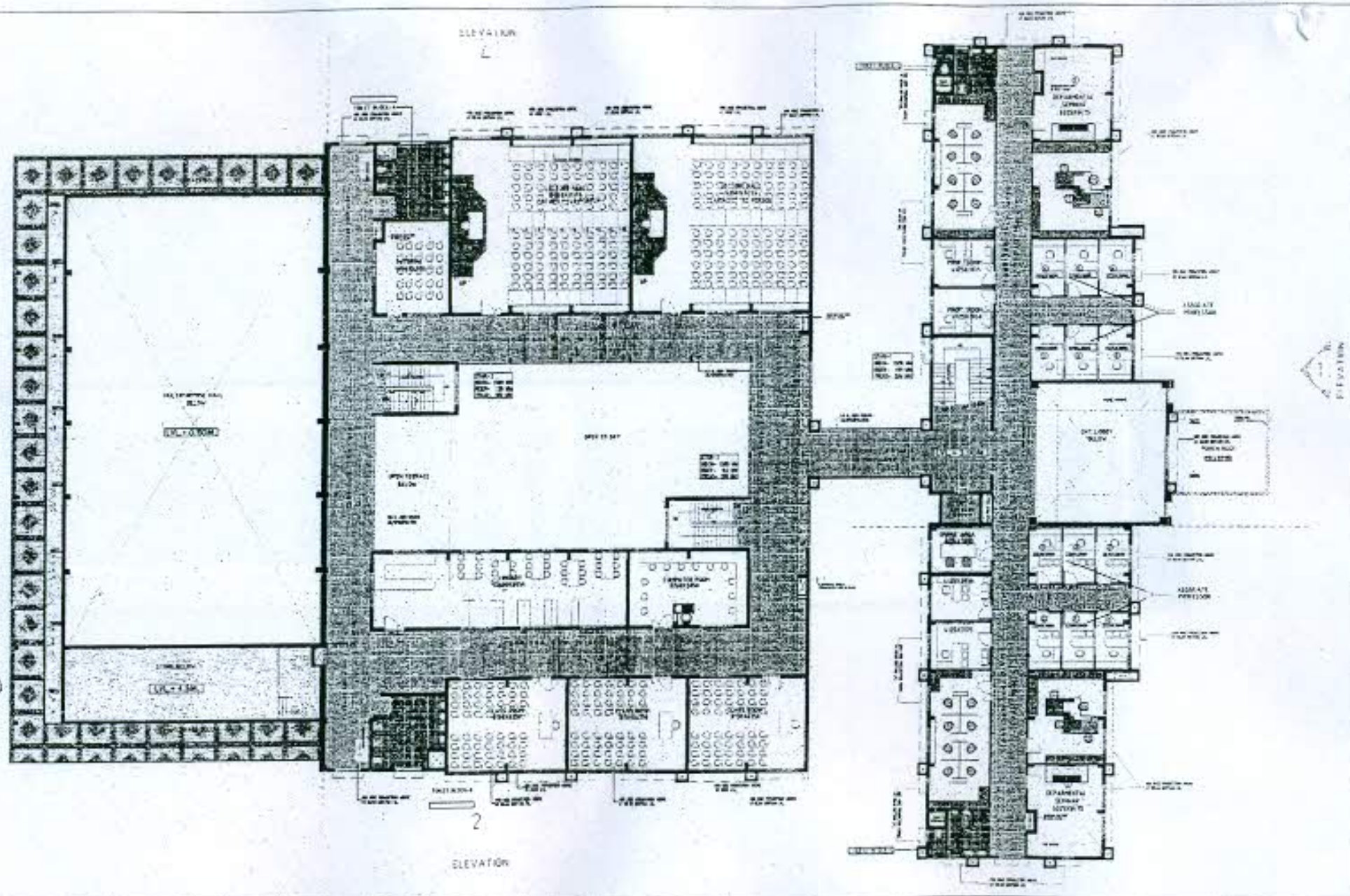
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अनुसूची-2

बिहार सरकार

योजना एवं विकास विभाग

संचिका संख्या-NHM/BHDS/35/2006

ज्ञापांक: ५०७२०७५० /यो०वि०, पटना, दिनांक २२.१०. २०१४
प्रतिलिपि: मंत्री, योजना एवं विकास विभाग के आप्त सचिव/मंत्री,
कृषि विभाग के आप्त सचिव को सूचनाार्थ
प्रेषित।

संयुक्त निदेशक

ज्ञापांक: ५०७२०७५० /यो०वि०, पटना, दिनांक २२.१०. २०१४
प्रतिलिपि: प्रधान सचिव, वित्त विभाग, बिहार, पटना/प्रधान सचिव/सचिव,
कृषि विभाग, बिहार, पटना को सूचनाार्थ
एवं आवश्यक कार्रवाई हेतु प्रेषित।

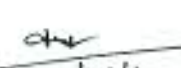
संयुक्त निदेशक

दिनांक 21.10.2014 को कृषि विभाग से संबंधित प्रस्ताव पर आयोजित प्राधिकृत समिति की बैठक की कार्यवाही।

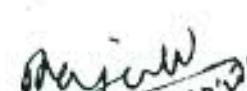
1. विषय एवं प्रस्ताव : उद्यान महाविद्यालय, नालंदा के नवनिर्मित भवन में फर्नीचर एवं आंतरिक सुसज्जाकरण के लिए बिहार कृषि विश्वविद्यालय को वर्ष 2014-15 में 409.94 लाख रुपये (चार करोड़ नौ लाख चौरानवे हजार रुपये) सहायक अनुदान की स्वीकृति।
2. संचिका संख्या : NHM/BHDS-35/2006
3. संलेख का ज्ञापक एवं तिथि : ज्ञापक- 4650 दिनांक: 13.10.2014
4. योजना का कोड : ए0जी0।
5. बजट शीर्ष/उप शीर्ष/पृ0सं0 एवं निधि की उपलब्धता : (राशि लाख रू० में)

बजट शीर्ष	उपबंधित राशि
*2415-कृषि अनुसंधान तथा शिक्षा, उप मुख्य शीर्ष 07-बागान, लघु शीर्ष - 277-शिक्षा, मांग सं०-1, उपशीर्ष-0101-उद्यान महाविद्यालय, नालंदा, विपत्र कोड- P2415072770101 राज्य योजना स्कीम कोड-AGR-5040	
विषय शीर्ष 31 04 सहायक अनुदान वेतन	500.00
विषय शीर्ष 31 05 सहायक अनुदान-परिसंपत्तियों के निर्माण	841.58
विषय शीर्ष 31 06 सहायक अनुदान-वेतनादि के अलावा	100.00
कुल	1441.58

6. प्रस्ताव पर चर्चा : प्रस्ताव पर विचार विमर्श किया गया।
7. समिति द्वारा लिया गया निर्णय : स्वीकृत।


21/10/14
(अमृत लाल मीणा)
प्रधान सचिव,
कृषि विभाग,
बिहार, पटना।


21/10/14
(पंकज कुमार)
सचिव,
योजना एवं विकास विभाग,
बिहार, पटना।


21/10/14
(डॉ० बी० राजेन्द्र)
सचिव, वित्त विभाग,
बिहार, पटना।


21/10/2014
(ए०० के० नेगी)
विकास आयुक्त,
बिहार, पटना।