निविदा आमंत्रण शूचना शख्या. 02 वर्ष 2020-21

कार्यपालक अभियंता

भवन एवं आधारभूत संरचना

डा. राजेन्द्र प्रशाद केन्द्रीय कृषि विश्वविद्यालय, पूशा शमस्तीपूर (बिहार)

011 C(31 X X C(1)	8
1. विज्ञापन [*] दाता का नाम	:-कार्यपालक अभियंता, भवन एवं आधारभूत संरचना
* e*	डा० राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय पूसा समस्तीपूर (बिहार)
2. परिमाण विपत्र डाउनलोड करने की तिथि	:-दिनांक 29.12.2020 से विश्वविद्यालय वेबसाइट <u>www.rpcau.ac.in</u> पर
•	डाउनलोड करने हेतु उपलब्ध।
3. निविदा प्राप्ति की तिथि एवं समय	:-दिनांक 15.01.2021 को 10:00 बजे से 1:00 अपराहन तक।
4. निविदा प्राप्ति का स्थान	:-कार्यालय, कार्यपालक अभियंता, भवन एवं आधारभूत संरचना, डा० राजेन्द्र प्रसाद केन्द्रीय
	कृषि विश्वविद्यालय पूसा समस्तीपूर (बिहार)
5. निविदा खोलने की तिथि एवं समय	:-दिनांक 15.01.2021 को 3:00 बजे
6. परिमाण विपत्र का मूल्य पंजाब नैशनल बैंक, पूसा	समस्तीपुर मे भुगतेय एवं राष्ट्रीयकृत बैंक के किसी भी शाखा से निर्गत बैंक ड्रफ्ट जो
कार्यपालक अभियंता, भवन एवं आधारभूत संरचना, डा०	राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय पूसा समस्तीपूर के नाम से निर्गत होगा द्वारा लिया
जाएगा।	
7. जिन संवेदक के पास बिहार सरकार के अधीन किसी	भी प्रमण्डल या डा0 राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय पूसा समस्तीपूर में कार्य लंबित
	गरनामा कर कार्य प्रारंभ नहीं किया जा रहा होगा तो उन्हें निविदा में भाग नहीं लेना हैं, उनके
निविदा पर विचार नहीं होगा। उपरोक्त आशय का शपत्र	–पत्र मूलप्रति लिफाफा (A) में डालना अनिवार्य है।
8 निबंधन तथा विधत लाईसेन्स संलग्न करना अनिवार्य हो।	П

कार्य की विवरणी

SI. No.	Name of work	Estimated Cost (In Rs)	E.M Cost (In Rs)	Cost of BOQ (In Rs.)	Time of Completion
1.	Internal Electrical Installation in Dhab area Near Gorai ghat at Dr. RPCAU Pusa.	189500.00	9500.00	500.00	01 Month
2.	Internal Electrical Installation in Agronomy department at Dr. RPCAU Pusa.	148800.00	7500.00	500.00	01 Month
3.	Internal Electrical Installation in Two laboratory, Instrumental lab, HOD office chamber & Electric room of Soil science at DRPCAU Pusa.	299100.00	6000.00	750.00	02 Months
4.	Internal Electrical Installation in New Hostel (East, North & South sides) at Dr. RPCAU Pusa.	418199.00	20950.00	750.00	01 Month

Terms & Conditions may be seen on University website: www.rpcau.ac.in

- 9. वैसे संवेदक निविदा में भाग लेने से वंचित हैं (डिबार) जिन पर किसी कारणवश पूर्व से आवंटित योजना का कार्य लंबित चल रहा है। जो आवंटित कार्य का एकरारनामा नहीं किए हैं या फिर शुरू नहीं किए हैं, निविदा में भाग लेने के पात्र नहीं होगे। निविदा निस्तार के एक सप्ताह के अंदर एकरारनामा करना अनिवार्य होगा। ससमय एकरारनामा नहीं करने पर कार्य का दावा समाप्त हो जाएगा और द्वितीय न्यूनतम निविदाता को कार्य आवंटित किया जा सकता हैं।
- 10. एकरारनामा नहीं होने तक संबंधित कार्य के अन्य निविदादाताओं के अग्रधन की राशि को नहीं लौटाया जाएगा।
- ा. परिमाण विपत्र की राशि घट या बढ सकती हैं। फलस्वरूप, अग्रघन की राशि घट या बढ सकती हैं।
- 12. निविदा कागजात के साथ समुचित श्रेणी में निबंधन की स्वप्रमाणित छाया प्रति, वस्तु एवं सेवा कर का निबंधन प्रमाण पत्र की स्वप्रमाणित छाया प्रति, आयकर प्रमाण पत्र की स्वप्रमाणित छाया प्रति, अद्यतन श्रम अनुज्ञप्ति प्रमाण पत्र की स्वप्रमाणित छाया प्रति एवं अद्यतन चरित्र प्रमाण पत्र की स्वप्रमाणित छाया प्रति संलग्न करना अनिवार्य होगा।
- 13. सशर्त निविदा अमान्य होगी।
- 14. आवंटन उपलब्ध होने पर ही भूगतान किया जाएगा।
- 15. अग्रधन के रूप में राष्ट्रीय बचत पत्र / तीन—पाँच साल तक का समयावधी का पोस्टऑफिस में जमा राशि (T.D) का पासबुक कार्यपालक अभियंता आई0 डींठ ए०, प्रोजेक्ट राजेन्द्र कृषि विश्वविद्यालय,पूसा समस्तीपुर के पद नाम से विधिवत् प्रतिज्ञित हो निविदा के साथ संलग्न करना अनिवार्य होगा।
- 16. अधोहस्ताक्षरी को निविदा बिना कारण बताये रद्द करने का अधिकार सुरक्षित है।
- 17. विशेष जानकारी के लिए अधोहस्ताक्षरी के कार्यालय में कार्य दिवस में सम्पर्क किया जा सकता हैं।
- 18. परिमाण विपन्न प्राप्ति की तिथि के दिन अवकाश हो जाने की स्थिति में अगले कार्य दिवस को प्राप्ति की कार्रवाई होगी।
- 19. 10 प्रतिशत से ज्यादा कम दर उद्धृत रहने वाले निविदाएँ अमान्य होंगी अर्थात परिमाण विपत्र से 10 प्रतिशत से अधिक कम दर होने पर निविदा अमान्य समझी जाएगी।
- 20. निविदा विपन्न विश्वविद्यालय वेबसाइट <u>www.rpcau.ac.in</u> पर से डाउनलोड करना अनिवार्य हैं।

- 22. लिफाफा (B) में, निविदा विपन्न, अग्रघन की राशि से संबंधित राष्ट्रीय बचत पन्न/तीन पाँच साल तक का समयावधि का पोस्टऑफिस में जमा राशि (T.D) का पासबुक, समुचित श्रेणी में निबंधन की स्वप्रमाणित छाया प्रति, वस्तु सेवा कर निबंधन प्रमाण पन्न की स्वप्रमाणित छाया प्रति, आय्यकर प्रमाण पन्न की स्वप्रमाणित छाया प्रति, अद्यतन श्रम अनुज्ञप्ति प्रमाण पन्न की स्वप्रमाणित छाया प्रति, अद्यतन चरित्र प्रमाण पन्न की स्वप्रमाणित छाया प्रति एवं अन्य कागजातों की स्वप्रमाणित छाया प्रति को डाल कर सिल कराना तथा लिफाफा पर (B) लिखना अनिवार्य हैं। लिफाफे पर (B) लिखा नहीं होने पर निविदा रद्ध कर दिया जाएगा।
- 23. लिफाफा (C) में, लिफाफा (A) एवं लिफाफा (B) को डाल कर सिल करना तथा लिफाफा (C) पर ग्रुप संख्या, कार्य का नाम तथा निविदादाता का नाम-पता, मो० न० लिखना अनिवार्य हैं, लिफाफे पर (C) और ग्रुप संख्या नहीं लिखा होने पर निविदा रद्ध कर दिया जाएगा।

24. प्रत्येक कार्य के लिए अलग-अलग बैंक ड्राफ्ट एवं शपत-पत्र मूलरूप में देना अनिवार्य हैं।

25. अग्रधन के रूप में राष्ट्रीय बचत पत्र / तीन-पाँच साल तक का समयावधी का पोस्ट ऑफिस में जमा राशि (T.D) जो निविदादाता या फार्म के नाम से निर्गत हो मान्य होगा। किसी अन्य व्यक्ति या फार्म के नाम पर राष्ट्रीय बचत पत्र / तीन-पाँच साल तक का समयावधी का पोस्ट ऑफिस में जमा राशि (T.D) निर्गत रहने पर निविदा निरस्त कर दिया जाएगा।

कार्यपालक अभियंता भवन एवं आधारभूत संरचना डा० राजेन्द्रप्रसादकेन्द्रीय कृषिविश्वविद्यालय पूसा समस्तीपूर (बिहार)

Memo No....../E. E (c) Dr. R.P.C.A.U Pusa

Date 98/12/2020

Copy forwarded to $D.(B\&\ I)$ / $D.(P\&\ F)$ / Comptroller / Assistant Engineer / Assistant Comptroller for information and wide publicity.

कार्यपालक अभियंता भवन एवं आधारभूत संरचना डा० राजेन्द्रप्रसादकेन्द्रीय कृषिविश्वविद्यालय पूसा समस्तीपुर (बिहार)

Memo No...../E. E (c) Dr. R.P.C.A.U Pusa

Date 98/12/2020

Copy forwarded to Officer In- charge, Univ. Website. He is requested to please put it in Official Website of the University.

र्राट्ट कु भार् १८, १२. मर् कार्यपालक अभियंता

भवन एवं आधारभूत संरचना डा० राजेन्द्रप्रसादकेन्द्रीय कृषिविश्वविद्यालय

पूसा समस्तीपूर (बिहार)

٠			BILL OF QUANTITY				
Jan	ne of work:	Estimate for Internal Ele	ectrical Installation in Agronom	v Departme	nt at DRP	CAU Pusa	
	nated cost:	Rs.1,48,800.00	Sold to M/S	<u>, </u>			
arn	est Money:	8 3'	Address				
Cost	of B.O.Q:		Registration No.				
ìime	e of Completion		M.R.No.	dat	e		
$\overline{\overline{N}}$		Items of work		Quantity	T114		
1.	sq.mm FRLS P recessed mediu laminated sheet, FRLS PVC insu	t point/fan point/ exhaust far VC insulated copper conduct m class PVC conduit with	or single core cable in surface/ a piano type switch, phenolic rthing the point with 1.5 Sq.mm		Rate	Unit	Amount
	Group-A			03 Nos.	694.00	Each	2082.00
	Group-B			05 Nos.	759.00	Each	3795.00
	Group-C			24 Nos.	966.00	Each	23184.00
2.	sizes of FRLS I recessed medium	PVC insulated copper conduct or class PVC conduit as required	th earth wire with the following for, single core cable in surface/d.				
-		1x2.5 Sq.mm earth wire		160 M	167.00	Per M	26720.00
		1x4.0 Sq.mm earth wire.		70 M	200.00	Per M	14000.00
		x6 Sq.mm earth wire		30 M	328.00	Per M	9840.00
3.	box/cover includ	xing following piano type swi ing connections etc. as reqd.	tch/socket on the existing switch				
	5/6 A Switch			22 Nos.	45.00	Each	990.00
	3 pin 5/6 A Sock			16 Nos.	58.00	Each	928.00
	15/16 Amp. Swit			14 Nos.	110.00	Each	1540.00
	16/16 Amp. Soci	cet		14 Nos.	128.00	Each	1792.00
4.	Supplying and fixing 20 A, 240 V, SPN Industrial type socket outlet, with 2 pole and earth, metal enclosed plug top alongwith 20 A "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.				1232.00	Each	8624.00
5.	block including of	connections etc. as regd.	he existing junction box/wooden	12 Nos.	65.00	Each	780.00
6.	required.	4.000	er including connection etc. as	25 Nos.	117.00	Each	2925.00
7.	distribution boar bus bar, neutral including earthin	d, 240 volts, on surface/ recebus bar, earth bar, din bar, ing etc. as required (But without	le and neutral, sheet steel, MCB ss, complete with tinned copper interconnections, powder painted MCB/ RRCB/Isolator)				
	12 way, Double of			01 No.	2053.00	Each	2053.00
8.	circuit breaker s MCB DB comprequired.	uitable for inductive load of plete with connections, testing	115,10KA, "C" curve, miniature following poles in the existing and commissioning etc. as				
	Single Pole	4.		10 Nos.	199.00	Each	1990.00
	Single Pole & Ne			01 Nos.	1240.00	Each	1240.00
0.	connection etc as	required.	egulator in the existing board	10 Nos.	310.00	Each	3100.00
1.	Supplying, fitting required.	and fixing of Hyleen Sheet in	cluding connections etc. as	2600Sq inch	0.73	Sq. Inch	1898.00





13.	Providing and fixing of Exhaust fan including connection etc. as required. Bajaj Havelis	01 Nos.	4125.00	Each	4125.
14.	Providing and fixing of 9 wart built including connection etc. as required. Syska/Philips	10 Nos.	225.00	Each	2250.
15.	Supplying, fitting and fixing of 15 watt LED Portico light fitting including connections etc. as regd. (Bajaj, Orpat, Anchor)	05 Nos.	1900.00	Each	9500

Say Rs.1,48.800.00

29/17/20

Executive Massaur Building & Intractions Dr.RPCAGNALL

BILL OF QUANTITY

Estimate for Internal El	ectrical Installation in Dhah	area near (Gorai abat	ot DRDCALL B	hico		
Rs.1,89,500.00	Sold to M/S	a.ou iioui	Jorai ghai a	a DRI CAU, F	usa		
<i>i</i> 0-	Address						
	Registration No.		· · · · · · · · · · · · · · · · · · ·	,			
	M.R.No.		date				
Items of work		Quantity	···	1			
ns, lift upto 1.5 m including is excavated soil as directed	getting out excavated soil and	1.8 Cum	330.00	Per Cum.	594.00		
in joint filling etc. as per spec	1.5Sqm.	311.45	Per Sqm.	467.17			
Providing and laying in position cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) in foundation of pump, DG set etc. including framework etc. as required. (1x0.50x0.50x1.50)			7549.00	Per Cum.	16985.25		
ia along with 75mm & 65mn fitting bracket etc. as require	n dia M.S pipe of total length	1 no.	25000.00	Each	25000.00		
•	Ĩ.	5 no.	27830.00	Each	139150.00		
red oxide primer as per speci	fication & direction of E/I	1 no.	500.00	Nos.	500.00		
earth pipe 4.5 meter lo roviding masonry enclosur and watering pipe etc.(but	ng, 40 mm dia including e with cover plate having without charcoal/ coke and	01 Nos.	5308.00	Each	5308.00		
i dia GI/PVC Pipe from ear	th electrode including earth	6 M	257.00	Per M	1542.00		
	Items of work Dundation in soft soil including, lift upto 1.5 m including is excavated soil as directed the brick flat soiling including in joint filling etc. as per specing in position cement concrete aggregate 20 mm nominaling framework etc. as required in a along with 75mm & 65mm fitting bracket etc. as required in a long with its arm bracket etc. as required to be a long with its arm bracket etc. as required to be a long with its arm bracket etc. as required to be a long with its arm bracket etc. It is not a long to be a long with its arm bracket earth pipe 4.5 meter long to be a long with its arm bracket earth pipe 4.5 meter long to be a long with its arm bracket earth pipe 4.5 meter long to be a long to b	Address Registration No. M.R.No. Items of work Soundation in soft soil including dressing of sides and ans, lift upto 1.5 m including getting out excavated soil and as excavated soil as directed, within a lead of 50 meters are brick flat soiling including all labour charge, texes in joint filling etc. as per specification & direction of agree aggregate 20 mm nominal size) in foundation of pump, and framework etc. as required. (1x0.50x0.50x1.50) ia along with 75mm & 65mm dia M.S pipe of total length fitting bracket etc. as required. ED Flood light with all fitting & bracket as per dir &	Registration No. M.R.No. Items of work Doundation in soft soil including dressing of sides and ins, lift upto 1.5 m including getting out excavated soil and is excavated soil as directed, within a lead of 50 meters are brick flat soiling including all labour charge, texes in joint filling etc. as per specification & direction of all labour charge aggregate 20 mm nominal size) in foundation of pump, ing framework etc. as required. (1x0.50x0.50x1.50) ia along with 75mm & 65mm dia M.S pipe of total length fitting bracket etc. as required. ED Flood light with all fitting & bracket as per dir & 5 no. The learth pipe 4.5 meter long, 40 mm dia including of and watering pipe etc. (but without charcoal/ coke and and may be did a GI/PVC Pipe from earth electrode with 4.00 mm and did GI/PVC Pipe from earth electrode including earth and watering pipe from earth electrode including earth.	Registration No. M.R.No. Items of work Quantity Rate Dependency of soil including dressing of sides and and sexual soil as directed, within a lead of 50 meters Be brick flat soiling including all labour charge, texes in joint filling etc. as per specification & direction of a long in position cement concrete 1:2:4 (1 cement: 2 coarse ne aggregate 20 mm nominal size) in foundation of pump, and framework etc. as required. (1x0.50x0.50x1.50) It is along with 75mm & 65mm dia M.S pipe of total length fitting bracket etc. as required. ED Flood light with all fitting & bracket as per dir & 5 no. 27830.00 The earth pipe 4.5 meter long, 40 mm dia including masonry enclosure with cover plate having and and watering pipe etc. (but without charcoal/ coke and and GI/PVC Pipe from earth electrode with 4.00 mm and and GI/PVC Pipe from earth electrode including earth and watering pipe from earth electrode including earth and watering earth and watering earth electrode including earth and earth electrode including earth electrode electr	Address Registration No. M.R.No. Items of work Quantity Rate Unit Oundation in soft soil including dressing of sides and and sexcavated soil and sexcavated soil as directed, within a lead of 50 meters The brick flat soiling including all labour charge, texes in joint filling etc. as per specification & direction of The gin position cement concrete 1:2:4 (1 cement: 2 coarse ne aggregate 20 mm nominal size) in foundation of pump, and framework etc. as required. (1x0.50x0.50x1.50) The along with 75mm & 65mm dia M.S pipe of total length fitting bracket etc. as required. The providing masonry enclosure with cover plate having at and watering pipe etc. (but without charcoal/ coke and and sold of M. Spipe from earth electrode with 4.00 mm and and GI/PVC Pipe from earth electrode including earth and watering pipe from earth electrode including earth electrode including earth and watering pipe etc.		

Say Rs.1.89.500.00

Executive Flag war Building & harmonic harmonic Dr.RPC/Norman

	Name of work	Internal Electrical in New I	Hostel (East, North & South Sides) at Dr.RPCAU	
	- Julian Gost	4,19,199:00	Sold to M/S	, Pusa
•	Earnest Money	20,950=00	Address:	
	Cost of B.O.Q	750:00	Registration No.	
	Time of Completion	Dre month	M.R.No.	

S.N.	SOR	ltems of work				
01.		Wiring for light point/fan noint/ exhaust fan noint/ It I I	Quantity	Unit	Rate	Amo
	1	point with 1.5 sq.mm FRLS PVC insulated copper conductor	1	1		
		single core cable in surface/	ſ			ľ
		single core cable in surface/ recessed medium class PVC				1
		conduit with plano type switch phenolic laminated it	1		I	
		surable Size W.S. DOX and earthing the point with 15 C-	ı			1
		The structure of the st		1		
		required.				
		Group-A				
		Group-B	60 Nos.	Each	694.00	41,640.0
		Group-C	40 Nos.	Each	759.00	30,360.0
02.			30-Nos.	Each	966.00	28,980.0
-		Wiring for circuit/ submain wiring along with earth wire with				1 20,700.0
- 1		the following sizes of FRLS PVC insulated conner conductor	1			1
		single core caple in surface/ recessed medium class DVC				
		conduit as required.		ļ		
	•	2x1.5 Sq.mm + 1x1.5 Sq.mm earth wire	 			
		2x2.5 Sq.mm + 1x2.5 Sq.mm earth wire	25M	Per M	146.00	3,650.00
		2v4 0 Sommed 1 4 4 0C	550M	Per M	167.00	91,850.00
)3.		2x4.0 Sq.mm + 1x4.0Sq.mm earth wire	385 M	Per M	200.00	77,000.00
<i>13.</i>		Supplying and fixing following piano type switch/socket on the		+	200.00	77,000.00
		existing switch box/cover including connections etc. as read				
		5/6 A switch	001			
10		3 pin 5/6 A Socket outlet	80 Nos.	Each	45.00	3,600.00
		15/16 Amp. Switch	80 Nos.	Each	58.00	4,640.00
	***************************************	16/16 A	36 Nos.	Each	,110.00	3,960.00
		16/16 Amp. Socket	36 Nos.	Each	128.00	
4.		Supplying and fixing 3 pin 5 A ceiling rose on the existing		- Dacii	128.00	4.608.00
		junction box/wooden block including connections etc. as reqd.				
5.	1	Supplying and fixing beautiful differential supplying and supplying an analysis and supplying an analysis and supplying an analysis and supplying an analysis and supplying an a	45 Nos.	Each	65.00	2,925.00
	11	Supplying and fixing brass batten/angle holder including	83 Nos.	Each	117.00	9,711.00
6		connection etc. as required.			117.00	2,711.00
	l	Supplying and fixing following way, single pole and neutral,		 	 	
	-	siret steel, MCB distribution hoard 240 volta on and		1		
ļ		Tyces, complete with tinned conner has her neutral has been		1	l	
- 1	. [carti bar, ulli bar, interconnections nowder pointed include		1	1	
		earthing etc. as required (Bud without MCB/ RRCB/Isolator)			Į	
		6 way, Double door				
· .		Supplying & Guin 5 A	12 Nos.	Each	1661.00	19,932.00
·	1	Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C"			1	17,732.00
		curve, illimature circuit breaker suitable for industrial land of				ļ
	100	lonowing poles in the existing MCR DR complete with				
		connections, testing and commissioning etc. as required.	26	1		
		Single Pole				
		Double Pole	48 Nos.	Each	199.00	9,552.00
_			12 Nos.	Each	556.00	6,672.00
		Providing and fixing following capacity double pole/TP&N			000.00	0,072.00
	10	sheet metal switch disconnect or fuse unit in evicting metal				
	- 1	board with rewire able type fuses, including drilling holes in				
		metal board, making connections, etc. as reqd.				
		63 Amps, TP&N.		ar anna maran marangan ang marangan an		
		Supplying fitting and fit co.	01 No.	Each	5225.00	5225.00
		Supplying, fitting and fixing of Step fan regulator in the existing	24 Nos.	Each	310.00	7,440.00
	1 1	out a connection etc as required			510.00	7,440.00
		Earthing with Chemical earthing including accessories, and				
	1-1	providing masonry enclosure with cover plate having locking			**	
	1	arrangement and earthing electrode of 2.7 metre long etc. with			Ì	
]	1	charcoal/ coke and salt as required.			\sim	
\top	- + ;	Providing and Latin F	02 Sets.	Set	11794.00	23,588.00
	'	Providing and Laying Earth connection from earth electrode			+	,
	1 1	with 4.00 mm copper wire 15 mm dia GI/PVC Pine from conth.				
1	1 6	sectrode including earth connection with conner thimble	_	1	,	
1	e	excavation and re-filing as required.	25 11	n	/	
T		B o roquirou,	25 M	Per M	257.00	6,425.00
1.	一块	ording I trains Cobouter busbow chawber with				
	; - 1		1 11-3		161.00	3161.00

S.N.	SOR	ltems of work	Quantity	Unit	Rsate	Amount
12.		Supplying and laying of XLPE/PVC insulated pvc sheated (Heavy Duty) armoured electrical cable with aluminium conductor for working voltage upto and incluing 1100 volts				
		conforms to IS: 1554, part-1 a) 25 sq.mm, 3.5 core	50 Mtrs	Per M	Rs 350.00	17,500.00
13		S/F/F of 30 watt LED light including connections etc as read on the existing board.	04Nos	Each	Rs.3495.00	13,980.00
14.		S/F/F of PVC Boards.	/			
-		4"X5"	36 Nos.	Each	50.00	1,800.00
					Rs.	4,18,199.00

Executive Faginger Building & Infrastructure Dr.RPCAUAFA

BILL OF QUANTITY

- 0		i ²						
	work	•	Estimate for Internal Electrical Installation in Two lab Electric room of Soil science at DRPCAU, Pusa			ental lab, HO	OD office o	hamber &
	d Cost	::	Rs.2,99,100.00	Sold	to:			
	Money	:	6,000/-	Addr	ess:		- 12	
st of B			780/-	Reg.	No.			
-	Completio	n :	. Two months	M. R	. No.			
N.	SOR		ofwork		Quantity	Rate	Unit	Amount
		with 1 cable type s	g for light point/fan point/ exhaust fan point/ call bell .5 sq.mm FRLS PVC insulated copper conductor single in surface/ recessed medium class PVC conduit with p witch, phenolic laminated sheet, suitable size M.S. boxing the point with 1.5 Sq.mm FRLS PVC insulated coctor single core cable etc. as required.	core oiano cand	/	/		
	1.8.1	Group)-A		03 Nos.	694.00	Each	2082.00
	1.8.2	Group			07 Nos.	759.00	Each	5313.00
	1.8.3	Group			14 Nos.	966.00	Each	13524.00
		follow	g for circuit/ submain wiring along with earth wire with ving sizes of FRLS PVC insulated copper conductor, so cable in surface/ recessed medium class PVC condu- ed.	ingle				
	1.14.2		Sq.mm + 1x2.5 Sq.mm earth wire		45 M	167.00	Per M	7515.00
	1.14.3	2x4.0	Sq.mm + 1x4.0 Sq.mm earth wire.		225 M	200.00	Per M	45000.00
	1.14.9		Sq.mm + 2x6.0 Sq.mm earth wire.		07 M	394.00	Per M	2758.00
	1.14.5		Sq.mm + 1x6 Sq.mm earth wire		31 M	328.00	Per M	10168.00
	1.14.6		Sq.mm + 2x6 Sq.mm earth wire		10 M	752.00	Per M	7520.00
		Supply	ying and fixing following piano type switch/socket or ag switch box/cover including connections etc. as reqd.	the	1			2
	1.23.1	5/6 A	Switch		35 Nos.	45.00	Each	1575.00
	1.23.4	3 pin 5	5/6 A Socket outlet		14 Nos.	58.00	Each	812.00
	1.23.3		Amp. Switch		26 Nos.	110.00	Each	2860.00°
	1.23.5		Amp. Socket		30 Nos.	128.00	Each	3840.00
		existin exclud	ying and fixing following modular switch/socket on ig modular plate & switch box including connections ling modular plate etc. as reqd.		1			
	1.24.3	15/16	A switch		04 Nos.	132.00	Each	528.00
	1.24.5	,6 pin	15/16 A socket outlet		04 Nos.	175.00	Each	700.00
	40	outlet, 20 A ' in rec	ying and fixing 20 A, 240 V, SPN Industrial type so with 2 pole and earth, metal enclosed plug top along 'C" curve, SP, MCB, in sheet steel enclosure, on surfaces, with chained metal cover for the socket out let ete with connections, testing and commissioning etc.	with ce or and	03 Nos.	1232.00	Each	3696.00
+	1.33	Supply	ying and fixing 3 pin 5 A ceiling rose on the exis		22 Nos.	65.00	Each	1430.00
	1 2 4		on box/wooden block including connections etc. as reqd.					/
	1.34		ing and fixing brass batten/angle holder inclu	ding	14 Nos.	117.00	Each	1638.00
		Supply steel, comple din ba	ction etc. as required. Ving and fixing following way, single pole and neutral, s MCB distribution board, 240 volts, on surface/ rece ete with tinned copper bus bar, neutral bus bar, earth r, interconnections, powder painted including earthing uired (But without MCB/ RRCB/Isolator)	cess, bar,				
	2.3.1		Double door		01 No.	1661.00	Each	1661.00
	2.3.3		y, Double door		01 No.	2053.00	Each	2053.00
		Supply and no surface bar, ea	ring and fixing of following way, horizontal type three eutral, sheet steel, MCB distribution board, 415V, e/recess, complete with tinned copper bus bar, neutral orth bar, din bar, interconnections, powder painted include	on bus				
•		earthin	g etc. as required. (But without MCB/RCCB/Isolator)				85	1
	2.5.1	4 wav	(4+12), Double door		02 No.	3068.00	Each	6136.00

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				г Т		T
0.		Supplying & fixing 5 A to 32 A rating, 240/415,10KA, "C" curve,				
		miniature circuit breaker suitable for inductive load of following				
		poles in the existing MCB DB complete with connections, testing				200
	2101	and commissioning etc. as required.	28 Nos.	199.00	Each	5572.00
	2.10.1	Single Pole	02 Nos.	544.00	Each	1088.00
	2.10.2	Single Pole & Neutral	02 1905.	344.00	Lacii	1000.00
1.		Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C"				
		curve, miniature circuit breaker suitable for including load of				
		following poles in the existing MCB DB complete with				200
		connections, testing and commissioning etc. as required.	OL NI	1092.00	Each	1092.00
	2.10.5	Triple pole and neutral	01 Nos.	1092.00	Each	1092.00
12.	N.S	Supplying and fixing following rating, 240 V, 'C' series,				
		miniature ckt. Breaker suitable for inductive loads of following		1		
		poles in the existing MCB DB complete with connections, testing				
		and commissioning etc. as required.	01 Nos.	2405.00	Each	2405.00
		63 Amp. TPN MCB.		310.00	Each	4650.00
13.	N.S	Supplying, fitting and fixing of Step fan regulator in the existing	15 Nos.	310.00	Lacii	4030.00
		board connection etc as required.	16 Nos.	980.00	Each	15680.00
14.	N.S	Providing and fixing of LED Tube light 20 watt including	16 Nos.	980.00	Each	13080.00
		connection etc. as required Bajaj/Syska/Philips	02 N	4125.00	Each	8250.00
15.	N.S	Providing and fixing of Exhaust fan including connection etc. as	02 Nos.	4123.00	Eacii	8230.00
		required. Bajaj/Havells	10 Nos.	2575.00	Each	25750.00
16.	N.S	Providing and fixing of Ceiling fan (1400mm) including	10 Nos.	23/3.00	Each	23730.00
		connection etc. as required. Bajaj/Havells/Crompton	13 Nos.	225.00	Each	2925.00
17.	N.S	Providing and fixing of 9 watt bulb including connection etc. as	13 Nos.	223.00	Eacii	2923.00
		required. Syska/Philips				
18.	N.S	Providing and fixing following capacity 2 pole / 4 pole OOF-load				
		changeover switches with side handle operation, in sheet enclose				
		in existing metal board including drilling holes in metal board,				1
		making connection, earthing the body etc. as required.	01 Nos.	1972.00	Each	1972.00
		32 amps, 2 pole				3328.00
19.	N.S	Supplying & fixing 40 Amp Double pole rating miniature circuit	04 Nos.	832.00	Each	3328.00
		breaker suitable for inductive load of following poles in the				
		existing MCB DB complete with connections, testing and				
		commissioning etc. as required				
20.	N.S	Providing and fixing following capacity busbar chamber with 4				
		strips of suitable size made of copper, heavy duty, complete with				
		all accessories including connections, earthing the body etc as	ł			1
		required.	01 Nos.	11087.00	Each	11087.00
		300 amps	01 Nos. 02 Nos.	8933.00	Each	17866.00
		200 amps	UZ NOS.	8933.00	Eacii	17800.00
21.	N.S	Providing and fixing following capacity double pole/ TP&N sheet				
	· *	metal switch disconnector fuse unit in existing metal board with	ļ		ļ	
		rewireable type fuses, including drilling holes in metal board,		2		
		making connections, etc. as required.	02 Nos.	14210.00	Each	28420.00
		200 amps, TP&N	02 Nos.	8390.00	Each	8390.00
		100 amps, TP&N	UT INUS.	6370.00	Lacii	0370.00
22.	N.S	Supplying and laying of XLPE/PVC insulated pvc sheathed				
		(Heavy Duty) armored electrical cable with aluminum conductor				
		for working voltage upto and including 1100 volts conforms to IS		e-	Í	1
·····		1554, part-1 (make Havells)	40.34	470.00	Per M	19120.00
		70 sq. mm, 3.5 core	40 M	478.00		20904.00
23.	N.S	Supplying and fixing wall mounted metal board of welded	06sq. M	3484.00	Per M	∠0904.00
		construction, fabricated with minium 35 mm x 35 mm x 6 mm	1	<u> </u>	L	

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		angle from frame work, with 25epp x figure fist from as intermediate members exclusive persons are as required				
24.	N.S	Providing and fixing M.V. danger ordate place of 200 mm x 130 mm, made of mild seed, or least 2 mm thick, and vitrous enameted where on both suites, and with procription in single red coloration from side as required.	E5 Nos.		Each	728 (K)
25.	N.S	Dis melting of existing metal board in electric more		1L3		TWO IN
26.	N.S	Recovery of dismeding materials		LS		- 25 as tu
					Total	340 N K
					8s.	390 26 W

Sav Rs 2.99 (49) (40)

@ John

Executive Engineer
Building & Infrastructure
Dr.RPCAU, Pusa