GT//9/Estate Dty/2019 -2020 /152

Estate Division Goa University Taleigao Plateau, Goa Date: **30/09**/20**19** 

To The Finance officer, Goa University

Enclosed please find EIRST AND FINA 230 will in triplicate for the work

Providing new LED fintures and four temps in place of all fintures
in Boys Mostel located in Goa University Campus,

alongwith M.B. No. 276

The M.B. and one copy of R.A. bill duly passed be returned to this office record.

OFFICE TO A

UNIVERSITY ENGINEER

#### FIRST AND FINAL BILL: FORM NO.24

Description of Items

S 20	Description of Items					in Mondo Am	nount
1	Wiring for circuit /submain wiring alongwith earth wire with the	Qty	nit	In fig	ures	in Words An	iouiit
1	following sizes of FRLS PVC insulated copper conductor single core cable in the						
	(a) 2x1.5Sqmm + 1x1.5Sqmm earthwire (20mm conduit)					# N/ A N/ F2	
-		0	METRE	90.0	0	# NAME?	0
2	Wiring for light point/fan point/Exhaust fan point/call bell point with 1.5Sqmm FR PVC insulated copper conductor single core cable in PVC casing caping with						
	modular switch, modular plates, suitable size modular surface box of specified						1
	Category and earthing the point with 1.5Sqmm FR PVC insulated copper conductor						
	single core cable etc. as required.	25					
	(a) Group A with Cat A Modular Accessories					1.	
	Wiring for circuit/Submain wiring alongwith earth wire with the following sizes	14.00	POINT	850	.00	# NAME?	11900.00
	FR PVC insulated copper conductor single core cable in the independent PVC						
	casing capping of appropriate size as required						
	(a) 2x1.5Sqmm + 1x 1.5Sqmm earthwise (20mm casing)						
	(b) 2x2.5Sqmm + 1x 2.5Sqmm earthwise (20mm casing)	24.00	METRE	120	0.00	# NAME?	2880.00
	4 Supplying and fixing of following sizes of rigid PVC conduit along with accessories	44.00	METRE	120	0.00	# NAME?	5280.00
-	is surplying and fixing of following sizes of right PVC conduit along with accessories in surface (medium)/recess(heavy) including cutting the wall and making good	,					
	the same in case of recessed conduit as required.						
	(c) 32mm						
	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable	0.00	METRI	75.	.00	# NAME?	0.00
	size of phenolic laminated sheet cover infront including painting etc as required						
	9, 0						
	(b) 100mm x 100mm x60mm deep metal box	0.0	EACH	15	0.00	# NAME?	0.00
	6 supplying and fixing following modular switch / socket on the existing modular						
	(a) 5/6 A switch Cat A	192.0	0 EACH	90	.00	#NAME?	17280.00
	(d) 3 pin 5/6 A socket outlet Cat A	168.0	0 EACH	13	5.00	# NAME?	22680.00
	7 Supplying and fixing modular blanking plate on the existing modular plate switch				7		
	box excluding modular plate etc as required.						
	(a) Cat A	192.0	00 EACH	1 20	0.00	# NAME?	3840.00
	8 Supplying and fixing following modular base and cover plate on existing modular						
	metal box as required						
	(b) 4 Module Cat A	180	00 EAC	H 1	35.00	# NAME?	24300.00
	9 Installation, earthing, testing and commissioning of pre wired flourescent fitting						
	of an types complete with all accessories and tube etc directly on ceiling / wall			1			
	including connections with 1.5Sqmm FRLS PVC insulated copper conductor single						
	core cable and earthing etc as required.	721	.00 EA	сн \	20.00	# NAME?	14420.0
1	0 Installation, earthing, testing and commissioning of ceiling fan including wiring						
	the down rou of standard length ( unto 30cm) with 1 Ecomm EDEDL C DVC inculated						1
1	copper conductor single core etc. as required		0.00 EA	CH	50.00	# NAME?	0.0
1	1 Supplying and fixing extra down rod of 100cm length G.I pipe 15cm dia heavy						
	Tauge melading paniting etc as required		5.40 MI	ETRE	125.00	# NAME?	675.0
1	2 Supply of 3 core armoured PVC/XLPE insulated pvc sheathed aluminium conductor cable of 1.1 KV grade with ISI most save						
	it brade with 151 mark conforming to 15.1 FF 4( 1) 10 F000( 1)						
	1-1-0-0-0 dimendinents of following size		1				
	(4) 3 core 10Sqmm	25	2.00 N	IFTPI	E 130.00	#NAME?	32760
13	Laying of one number PVC insulated and PVC sheathead (VI PV	2.	2.00	. I 1/1	150.50	<del></del>	

7 P.A. E.			1	(a) Lor 2 Module Call A
	400.00	0 EACH	6.00	25 Supplying and fixing following size modular PVC box alongwith modular base and obver
#NAME?	1	\		(a) Cat A
		O ME INC	6.00	24 Supplying and fixing stepped type electronic fan regulator on the existing modular palte etc.as required
#NAME?	300.00		18.00	(G)80MM Nominal Bore
#NAME?	200.00			(f) 50mm Nominal Bore
		TO.UU EACH		23 Providing and fixing G.I pipes complete with G.I fittings including trenching and re-filling etc( external works)
# NAME?	150.00		100	(a) Cat A
				infront on surface or in recess including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch connection painting etc as require.
# NAME?	125.00	N	6.00	21 Chasing the ceiling to erect a fan hook including making good the plaster, neeru and paint complete as required( hook not included)
# NAME:	100.00	NO	6.00	20 Supply and erecting S type Stainless steel fan hook fabricated out of 10mm round par complete as required
# NAME?	1800.00	NO	11.00	(a) Cat A
				19 Supply and erecting of 48 inch (1200mm sweep) ceiling fan . Double ball bearing type
# NAME?	3500.00	EACH	10.00	replacement warranty to be provided on fixture)
				body complete with all accessories including all control gear. LED Lamp 2 years
				18 Supply and Erecting of 45Watts LED streetlight luminaire with aluminium diecast
# NAME?	390.00	EACH	215.00	(a) 4 feet 20 Watts
# NAME?	425.00	1	506.00	provided on fixtures)
				17 Supply of surface mounted LED Batten luminaire complete with an accessorice Panasonic/Havells/Philips/Jaquar make(Min 2 years replacement warranty to be
				(4) 3x10Sqmm
# NAME?	200.00	EACH	2.00	copper lugs for the folloeing sizes of 3 core PVC insulated PVC sheatned/ ALF E
# NAME?	40.00	METRE	202.50	grade of size not exceeding 25Sqmm in the existing RCC/HOME/510111
				(b) in rocky strata (b) in rocky strata (b) in rocky strata (c) in rocky strata (d) in rocky strata (e) in rocky strata (f) in rocky strata
#NAME?	30.00	METRE		excavated earth earth as required
# NAME?	200.00	METRE		the cable and project at least 5cms over the cable and project 5cms over the cable 5cms over the cable and 5cms over
				sand cushioning with screen top of cable all over the run ( the back filling the
				form of a trench as per Cable trench bed of 20mm thick protective covering form of a trench as per Cable trench bed of 20mm thick protection shall cover
				13 Laying of one number 13 Laying of one number 13 Laying of size not exceeding 25 Sqmm direct in ground by the Engineer In charge,
				latest amendment by Cinsulated and PVC sheathead / XLFL Pour (4) 3 core 10Sqmm by Cinsulated and PVC sheathead / XLFL Pour (4) 3 core 10Sqmm
				cable of 1.1 KV grane of following size

FIRST AND FINAL BILL FORM NO.24 Remarks IN FIGURES QTY UNIT AMOUNT Description of Work / Item Completion Certificate 26 Dismantaling of all types of Fluorescent tubelight fixture from wall **EACH** 5.00 3500 nn 700.00 Certified that the work had been physically or ceiling alongwith all accessories stacking at a suitable place andshifting at a location completed on 04/06/2019 and that no defects are within suitable campus including transportation, labour, etc complete as required. Rs. 5/6,740 mapparent that the contactor has removed from the premises on which the work was being executed all scalffolding, surplus material and all rubish cleaned all the dirt from all part of the building in or about which the work is to be executed. E.11 S/F cable junction box of thermoplastic ,IP55 Hensel make of following size 3520.00 352/nos 10 (a) 98x98x52mm 585.00 585/nos (b) 139x119x70mm 520845.00 62502.00 6 2008.80 583347.00 5, 8 2, 8 5 3. 80 520845.00 Subtotal Add contractor's quoted percentage 12% GST above except on Extra items on Rs. 5/6740/ Total Amount Say Rs in final settlement of the Work Measurement recorded by V. P. Bandodker
M.Book No 276 Pages 0 1 To D 8 Pavee's MARGAO-GOA (X) Officer preparing the Bill ( Dated

) Rupees. .....

Signature Witness

> Cheque No. Paid by me by cash

> > authorising payment

Dated initials of the person making payment

dated

(X) This signature is necessary only when the officer preparing the bill is not officer

Pay by cash/cheque Rs.(

Dated:- .....

Officer authorising payment: (





		or work Not yet						MEASU	THE BASIC OF ACTUAL SUREMENTS	
Advance Total as per	Measure	red	per accepted agreement and/or	d Description of Item work executed	Unit	Rate	Quantity executed up- to-date as per measurement book	Up to date	Since previous bill	Remarks (with reason for delay in adju payments shownol.1)
previous bill.	l. previous bill.	total up to sell	estimate					8	9	10
	+'	3	4	4(a)	5	6	7	14,67,000.00	0	
1	2	5	1	Supplying and erecting LED street light fitting 100W, including lamp, with PF=0.9S class iP65 above nousing of pressure die cast alluminium alloy and heat sink extruded alluminium complete per specification No FGODF/FLS-2	Each	9000.00	163			
			2	Compete per securious of the Competer of the C	Each	300.00	163	48900.00	0	
			3	Class St., pipe 1, 27m in control of the person of the per	Kilograms	90.00	692.2	62298.00	O	
			4	strip nuts and bolts with spring washers  Supply of 3 core armoured PVC/VLPF insulated , PVC sheathed copper conductor cable of 1.1 KV grade with ISI mark conforming IS: 1554( part I) , IS:7098			-7-			
. 1	1	1	1	(part I) with latest amendments of following size.	Meters	115.00	1018.5	117127.50	0	
				3 core x 2.5 sq.mm  Dismantling of existing fluorescent fittings of any	Meters	10.00	163	1630.00	0	
			type and size  6 Frouding and fixing RCC pole mounting Hensel/ Trinity/National brand outdoor type IP 65 rated FRP Junction box of minimum size 250x200x120mm with 5 nox of connectors suitable for 25sgmm cable complete with end caps and end plates. 1 no of		Each	1200.00	165	198000.00	0	
			7	DIN channels suitable for fixing the connector and  5 A SP mcb complete with fixing screws etc.  Supplying and making cable end terminators with brass compression gland and aluminium lugs for following sixes  of 3 Core PVC insulated PVC sheathed /XLPE aluminium						
. 1	( )	1		conductor cable of 1.1 KV grade , complete as required	Each	130.00	152	19760.00	0	
			_	(1) 3x1.5 /2.5 sq.mm		-				



	A	4(a)	5	-	7	8	9	10
2 3		Extra Items		,				
	E.I01	Providing and Fixing 4mm dia copper wire on surface or in recess for loop earthing along with existing surface or recess conduit sub main wiring or cable as required		80.76	900.60	72732.45	0	
	21.02	Supply and laying 6SWG GI wire at 0.5m below ground level for conductor earth electrode i/c	Mtr	30.51	219.2	6688.00	0	
		Earthwork in excavation by mechanical means /Manual means in foundation pipeline trenches train ( not exceeding 1.5m in width or 10sq.mm on plan) ie .dresssing of sides and ramming of						
	C.I. C.	bottoms, lift upto 1.5m.	Cum	2011	18	4248.00	0	10.00.201.00
	(a)	All Kinds of Soil		236.00	18		Total	19,98,384.00 239806.00
	(")						GST 12%	
							Grand Total	2238190.00

	Total value of work done to date(A) 2238190 2
	Total valued work done to Gate(17)
/81	Deduct value of work shown on previous unit that a
(D) (B)	Net value of work since previous bill (F)
Figures (D) in words	Net value of work since previous bill (F) Figure[f] inwads: Twenty two lakhs thity two thousand five hundred twenty five only

COMPLETION CERTIFICATE / 04/2021

Certified that the work has been physically completed on Kind that no defeats are apparent and that the contractor has removed from the premises in which the work was being executed all scaffolding surplus material and rubbish and clean all the dust from all parts of the building in upon

or about which the work was to be executed.

### Certificates and Signatures

The measurement on which are based the entries in Columns 4 to 9 of account I were made by Shri V.P.Bandodkar on 28/05/aff6 are recorded at page 54 to 57 of measurement book no 276

Wherever there is entry in column( On the basis of actual measurement the whole of the amount Rank <del>اعمامیا E</del>ngineer previously paid without detailed measurement should be adjusted

by a minus entry column 2  $\,$  equivalent to the amount shown in column I so that the "Total upto date" in column 3 may become " NIL"

Where there are two or more entries in column 9 relating to each sub-head of eastimate they should in the case of works the accounts of which are kept by sub-heads be totalled and the toltal recorded in column 10 for posting of work Abstract

LOTUKAR AND S

Assistant Engineer
Goa University
Taleigao Plateau Goa

316/C

**G**U/9/2018-19/Engg. & Tech Div/ ユミラ

Date: 20/02/2019

To, M/S. LOTLIKAR & SONS. Pimpalkata. New Market, Margao-Goa-403601

Sub: Providing New Led Fixtures and Focus Lamps in place of Old Fixtures in Boys Hostel Located in Goa University.

Ref. 1) Enquiry Ref. GU/9/2018-2019/Engg. & Tech Div/180 dated 03/01/2019 2) Your tender dated 22/01/2019.

Your tender for the work mentioned above has been accepted at your tendered mount of ₹ 5, 11,050.00 (Rupees Five lakh Eleven thousand fifty only) which is \$3.57 % below the estimated cost of Rs. 5, 91,321.00 (Rupees five Lakh ninety one thousand three hundred twenty one only).

c. are requested to submit the performance guarantee of ₹ 25,553.00 (Rupees venty five thousand five hundred fifty three only) within eight days of issue of sorder. The performance guarantee shall be in the prescribed form as provided in ause 1 of the general conditions of the contract for CPWD works, and shall be valid to the stipulated date of completion plus 60 days beyond that.

On receipt of prescribed performance guarantee, necessary letter to commence the work shall be issued, and site of work handed over to you thereafter.

Please note that the time allowed for carrying out the work as entered in the tender (90 days) shall be reckoned from the fifteenth day after the date of issue of this letter.

fours faithfully,

hreedhara

G.REGISTRAR

y to:

P.A to Registrar, Goa University
The University Engineer, Goa University
The concerned File
The Guard File.
Work Order File

7/3/19/5/06/19

completion date: 3/4/19 stopulated date: 5/4/19

Kut!



## Goa University,

Engineering & Technical Division, Taleigao Plateau Goa-403 206

E-Tender Notification No.GU/9/2018-2019/Engg.&Tech Div./180

Dated: 03/01/2019

Line: 01

## SCHEDULE OF WORK

Name of work: Providing New Led Fixtures and Focus Lamps in place of Old Fixtures in Boys Hostel Located in Goa University

NOTE: IF ANY	' COLUMS LEFT	FBLANK IT WILL	BE CONSIDRED	AS ZERO (0)
--------------	---------------	----------------	--------------	-------------

	Na	me of bi	dder →	L	OTLIKAR AND SON	is
Sr.	DESCRIPTION OF ITEM	Qty	Unit	Rate	in Rs.	Amount in Rs
No 1	Wiring for circuit/ submain wiring alongwith earth wire with thefollowing sizes of FRLS PVC insulated copper conductor single core cable in the independent surface PVC conduit	4.9	Onic	In Figures	In words	Amount in its
2	(medium) of appropriate size as required.  (a) 2 x 1.5 sq.mm + 1 x 1.5 sq.mm earthwire (20mm Conduit)  Wiring for light point/ fan point/ exhaust fan point/ call bellpoint with 1.5 sq.mm FR PVC	300.00	METRE	90.00	Rupees Ninety Only	27000.00
1 10	insulated copper conductorsingle core cable in PVC casing caping with modular switch modular plates, suitable SIZE IIIIUdular Sui face bux of specifiedCategory and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core-cable etc. as required.	Action to the second				
	(a) Group A with Cat A Modular Accessories	5.00	POINT	850.00	Rupees Eight Hundred Fifty Only	4250.00
3	Wiring for circuit/ submain wiring alongwith earth wire with thefollowing sizes of FR PVC insulated copper conductor singlecore cable in the independent PVC casing capping of appropriate size as required.				5.1.7	
	(a) 2 x 1.5 sq.mm + 1 x 1.5 sq.mm earthwire (20mm casing)	120.00	METRE	120.00	Rupees One Hundred Twenty Only	14400.00
	(b) 2 x 2.5 sq.mm + 1 x 2.5 sq.mm earthwire (20mm casing)	50.00	METRE	120.00	Rupees One Hundred Twenty Only	6000.00
4	Supplying and fixing of following sizes of rigid PVC conduit along with accessories in surface(medium)/recess(heavy) including cutting the wall and making good the same in case of recessed conduit as required.				-	,
	(c) 32 mm	3.00	METRE	75.00	Rupees Seventy Five Only	225.00
5	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc. as required					

REGISTERED A.D GU/9/2020-2021/ENGG. & TECH DIV/230

Date:

18/02/2021

To, M/S. LOTLIKAR & SONS, Pimpalkata, New Market, Margao-Goa-403601

Sub: Replacement of LED fixtures for streetlight poles located in the Goa University campus

Ref. 1) Enquiry Ref. GU/9/2020-2021/Engg. & Tech Div/176 dated 17/12/2020 2) Your tender dated 05/01/2021.

Sir,

Your tender for the work mentioned above has been accepted by the Goa University at your tendered amount of ₹ 19,00,555.00 (Rupees Nineteen lakh five hundred fifty five only) which is 10.27 % below the estimated cost of Rs. 21,18,178.00 (Rupees twenty one lakh eighteen thousand one hundred seventy eight only).

You are requested to submit the performance guarantee of ₹95,028.00 (Rupees Ninety five thousand twenty eight only) within eight days of issue of this order. The performance guarantee shall be in the prescribed form as provided in clause I of the general conditions of the contract for CPWD works, and shall be valid up to the stipulated date of completion plus 60 days beyond that.

On receipt of prescribed performance guarantee, necessary letter to commence the work shall be issued, and site of work handed over to you thereafter.

Please note that the time allowed for carrying out the work as entered in the tender (120 days) shall be reckoned from the fifteenth day after the date of issue of this letter.

Yours faithfully,

Prof. Radhika.S.Nayak OFFG.REGISTRAR

Copy to:

- P.A to Registrar, Goa University
- 2. The University Engineer, Goa University
- 3. The concerned File
- 4. The Guard File.
- 5. Work Order File

GU/9/2019-20/Engg. & Tech. Div. /049

Dated: 27/05/2019

To. M/s Navratan Electric Company Shop No. 3, Vijayalaxmi Building, Opp. Talaulikar Hospital, Dada Vaidya Road, Boca-da-Vaca. Panji-Goa-403001.

Sub:- Supply of electrical materials for maintenance of electrical installations

Enquiry Ref.: 1) GU/9/2018-2019/Engg. & Tech. Div. /231 dated 24/02/2019 2) your tender dated 13/03/2019

Your tender for the above cited subject is accepted by the Goa University for the amount of Rs 10,69,860.00 (Rupees Ten lakhs sixty nine-thousand eight hundred sixty only) at the quoted percentage of 18.55 % below the estimated cost of Rs 13,595.00 (Rupees Thirteen lakhs thirteen thousand five hundred ninety five

the University shall issue separate quarterly requisition orders for supply of factrical materials over a period of 12 months from the date of issue of this work der and you will be required to supply the materials against such requisition order/s within the time limit specified therein on quarterly basis.

ou are requested to contact the University Engineer, Engineering & Technical

manking you.

Sir,

yours faithfully,

of. Y. V Redd (REGISTRAR)

Copy to:

- I. P.A. to Registrar, Goa University
- 2. Concerned file
- 3. University Engineer, Engg. & Tech. Div. 4. Guard file

· A KINGU

E-Tender Notification No.GU/9/2018-2019/Engg.&Tech Div.231 Dated: 26/02/2019

Line: 01

# SCHEDULE OF WORK

Name of work: Supply of Electrical materials for maintenence of electrical installations at Goa University Campus. 2nd call

		- AC 7500 III
	A NIZZ 17F (A/II I	. BE CONSIDRED AS ZERO (0)
THE THE PERSON OF THE PERSON O	BLANK IF WILL	, BE CONSIDIRE
MATE IL ANVIOLINIA LEFT	Detailing to the	

	NOTE: IF ANY COLUMS LEF	T BLANK I	TWILLB			
		Name of b	oidder →	N	lavratan Electric	: Co
				Rate	e in Rs.	Amount in Rs
Sr. No	DESCRIPTION OF ITEM	Unit	Qty	In Figures	In words	
	Supply of angle holder	100.00	NO	20.00	Rupees Twenty Only	2000.00
2	Anchor/Harrisson make Supply of Resistance type fan regulator	200.00	NO	100.00	Rupees One Hundred Only	20000.00
3	crompton/Orient make Supply of ceiling fan 48" size white colour with all accessories Bajaj/ Crompton/Orient make	100.00	NO	1100.00	Rupees One Thousand One Hundred Only	110000.00
4	Supply of tire ruse enclosure with base and top indo Asian make					
	a) 63 Amps	15.00	NO	360.00	Rupees Three Hundred Sixty Only	5400.00
-	b) 100 Amps	10.00	NO	460.00	<ul> <li>Rupees Eour</li> <li>Hundred Sixty</li> <li>Ohly</li> </ul>	4600.00
5	Supply of 3 pin top Anchor make				D	
	a) 6 Amps	50.00	NO	38.00	Rupees Thirty Eight Only	196161111
	b) 16 Amps	50.00	NO	48.00	Rupees Fort	
6	Supply of pendent holder anchor make	200.00	NO	19.00	Rupee Nineteen Onl	3800.0
7	Supply of 2.5 mfd capacitor or Tipcon/Siemens/Asian make	500.00	NO	22.00	Rupees Twent Two Onl	· 1 (1)8161 [1
8	Supply of piano type 5 Amps Switch Anchor make	500.00	NO	10.00	Rupees Te Onl	
9		200.00	NO NO	19.00	Nineteen Un	ly 3800.0
10	1.11.	500.00	NO	9.00	Un	ly 4500.0
1	Supply of 2 core flexible twin flat copper wire	4.00	COIL	550.0	Rupees Fir Hundred Fif	fty 2200.0
1	Supply of 1.00 Sq.mm PVC insulated Copper wire Finolex/Polycab/Anchor make	20.00	COLL	645.0	Rupees S Hundred For Five Or	rty 12900.
1		20.00	cou	965.0	Rupees No Hundred Sis Five O	(ty 19300.

Suj

SI M

		Nameo	bidder -	,	Navratan Electric	: 30
Sr.	DESCRIPTION OF ITEM			Ro	te in Rs.	
No		Unit	Qty	In Figures	In words	Amount in Rs
14	Supply of 2.50 Sq.mm PVC insulated Copper wire Finolex/Polycab/Anchor make	15.00	COIL	1540.00	Rupees One	23100.00
	Supply of 4.0 Sq.mm PVC insulated Copper wire Finolex/Polycab/Anchor make	20.00	COIL	2270.00	Only Rupees Two Thousand Two Hundred	45400.00
	Supply of 35x 8 wood M.S screw	30.00	вох	40.00	Seventy Only Rupees Forty	1200.00
	Supply of 1.5 Sq.mm 3 core flexible copper cable Finolex/Polycab/Anchor make	2.00	COIL	1030.00	Only Rupees One Thousand Thirty Only	2060.00
	Supply of 6/16Amps S.S combined with box Anchor make	100.00	NO	98.00	Rupees Ninety Eight Only	9800.00
	Supply of Duracell Batteries a) 9 V cells	50.00	NO	20.00	Rupees Twenty Only	1000.00
	b) 1.5 vots cell (AA type)	50.00	NO	10.00	Rupees Ten Only	500.00
20	C) 1.5 vots cell (AAA type)	50.00	NO	10.00	Rupees Ten Only	500.00
	Supply of 35 S.W.G winding copper wire Supply of 36 S.W.G winding copper	.20.00	KG	900.00	Rupees Nine Hundred Only	18000.00
	wire  Supply of ceiling fan bearing SKF/TATA	20.00	KG	900.00	Rupees Nine Hundred Only	18000.00
_	make a)6201 size			y who was to		•
	b)6202 size	100.00	NO NO	100.00	Rupees One Hundred Only	10000.00
		100.00	NO	110.00	Rupees One Hundred Ten Only	11000.00
	Supply of 0.5 sqmm multi strand PVC insulated copper wire Finolex( Red/Black Colour)	2.00	COIL	650.00	Rupees Six Hundred Fifty Only	1300.00
	Supply of modular 6A Switch Roma Make	200.00	NO	32,00	Dunger Think	6400.00
25	Make	100.00	NO	74.00	Rupees Seventy Four Only	7400.00
	Supply of modular 16A Switch Roma Make	50.00	NO.	72.00	Rupees Seventy Two Only	3600.00
27	Supply of modular 16A Socket Roma Make	50.00	NO	226.00	Rupees Two Hundred Twenty Six Only	11300.00
28	Sheated,4.0 SQmm 2core aluminium service cable,tSl approved make	10.00	COIL	800.00	Rupees Eight Hundred Only	8000.00
29	32 Amps 2 module modular D.P switch Roma make	100,00	No	1+0.00	Rupees One Undied forty One	14000.00

		Name of	fbidder -		Navratan Electric	c
Sr.	DESCRIPTION OF ITEM	Unit	Qty		te in Rs.	Amount in Rs
No	DESCRIPTION OF ITSM			in Figures	In words	
30	Supply of 2 module surface mounting PVC box, Roma make	100.00	NO	30.00	Rupees Thirty Only	
31	to a literate when with	100.00	NO	43.00	Rupees Forty Three Only	4300.00
32	Supply of 20 A Ironclad socket with top including box Havels / Legrand make	50.00	NO	990.00	Rupees Nine Hundred Ninety Only	49500.00
33	Supply of Clip type MCB,Legrand/Havels/L&T make.					
	a)32 Amps	50.00	NO	118.00	Rupees One Hundred Eighteen Only	5900.00
	b) 20 Amps	100.00	NO	118.00	Rupees One Hundred Eighteen Only	11800.00
	c)16 Amps	50.00	NO	118.00	Rupees One Hundred Eighteen Only	5900.00
34	Supply of PVC insulated tape, Anchor/Steelgrip make	300.00	NO	8.00	Rupees Eight Only	2400.00
35	Supply of 10Amps modular switch Anchor woods make	100.00	NO	26.00	Rupees Twenty Six Only	2600.00
36	Supply of 10Amps modular socket Anchor woods make	100.00	NO	71.00	Rupees Seventy One Only	7100.00
37	Supply of modular step regulator Anchor woods make( 2 module)	100.00	NO	270.00	Rupees Two Hundred Seventy Only	27000.00
38	Supply of MCCB 25KA DX 3 pole make L&T/Havels/Legrand	à à	,			
	a) 63 Amps	5.00	NO	3300.00	Rupees Three Thousand Three Hundred Only	16500.00
	b)100 Amps	10.00	NO	3300,00	Rupees Three Thousand Three Hundred Only	33000.00
	c) 125Amps	5.00	NO	4700.00	Rupees Four Thousand Seven Hundred Only	23500.00
	d) 150Amps	5.00	.NO	6000.00	Rupees Six Thousand Only	
	e) 200 Amps	5.00	NO	7800.00	Rupees Seven Thousand Eight Hundred Only	39000.00
39	Supply of 10 warts LED,T-shape.pin type Lamp make Philips/Syska	200:00	NO	190.00	Rupees One Hundred Ninety Only	38000.00

Marbian

							\	
		•	SCHEDI	ULE OF W	ηRK			130/6
		•	Name of	bidder –		Mayratan Electri	c Co	
			1			ite in Rs.	Amount in Rs	
-	Sr.	DESCRIPTION OF ITEM	Unit	Qty	in Figures	ln words		-
	No	Supply of 14 watts LED,T-shape,pin type Lamp make Philips/Syska	200.00	NO	225.00	Rupees Two Hundred Twenty Five Only	45000.00	
	41	Supply of 14 watts/15watts, LED Bulb E 27 syska/Philips/Havels/Crompton make -	200.00	NO	210.00	Only		200(10)
	42	Supply of rechargable (UPS) bulb with	100.00	, NO	320.00	Rupees Three Hundred Twenty Only	32000.00	5°
	43	Syska/Panasonic/Oreva make Supply of LED battern fixture Panasonic/Havels/syska/Philips make	7	,	10 to			
	1	a)10watts	300.00	NO	250.00	Rupees Two Hundred Fifty Only	75000.00	300
11		b) 20watts	700.00	NO	250.00	Rupees Two Hundred Fifty Only	175000.00	الرويد
			•	Total	Ruj	pees Seventy Five Thousand Only	1069860.00	
		and the second of the second o						- Annual Control of the Control of t
	-		Estimated		Superior Programme		1313595.00	
				ifference			-243735.00 -18.55	
		uoni ( )	Pe	Signed Doo	cument"	<u> </u>	-10.55	

"This is a digitally Signed Document"

Lasby R. Mar.

# GOA UNIVERSITY

Taleigao Plateau S.P.O Goa University Pin Code-403206 E-Mail: fo@unigoa ac in

# **Payment Voucher**

No.: 414(20)

Dated: 7-Nov-2019

**Particulars** 

Debit Credit

F-3(2)(2) Minor Works (Elect.)

5,82,854.00 Dr

To Tax at Source - Contractor

To Workers Welfare Cess

To State GST

To Central GST

To B-2 Deposits From Contractors & Suppliers

To SBI, Bamb. 10664493019

10,417.00 Cr 5,208.00 Cr 5,208.00 Cr 5,208.00 Cr

14,216.00 Cr

5,42,597.00 Cr

On Account of: 40 A P8 24194

Amount paid to lotilkar & Sons (520845/-+ GST)towards 1st & final RA bill for providing new LED fixtures in boys hostel. GST No. 30AACFL0522A1ZH

5,82,854.00 5,82,854.00

Amount In Micros: Indian Rupees Five Lakh Eighty Two Thousand Eight Hundred Fifty Four Only.

Prepared By

Acct/Hc/UDC

AAO/Supt/AR

Receivers Sign

DRIFO.

Ry 18.11.19

		Nar	ne of bio	ider →	1	LOTLIKAR AND SON	5
Sr	T				Rate	in Rs.	Amount in Rs
No	1	DESCRIPTION OF ITEM	Qty	Unit	In Figures	In words	
	(b	) 100 mm x 100 mm x 60 mm deep metal box	1.00	EACH	150.00	Rupees One Hundred Fifty Only	150.00
6	so	pplying and fixing following modular switch/ cket on the existing modular plate and switch ox including connections but excluding odular plate etc. as required					
_	(6	1) 5/6 A switch Cat A	180.00	EACH	90.00	Rupees Ninety Only	16200.00
	(	i) 3 pin 5/6 A socket outlet Cat A	180.00	ЕЛСН	135.00	Rupees One Hundred Thirty Five Only	24300.00
	t	upplying and fixing modular blanking plate on he existing modular plate switch box xcluding modular plate etc. as required					
-	1	a) Cat A	180.00	EACH	20.00	Rupees Twenty Only	3600.00
	;	Supplying and fixing following modular base and cover plate on existing modular metal box as required					•
-		(b) 4 Module Cat A	-	-		Rupees One	
	.i .g.		180	EACH	135.00	Hundred Thirty Five Only	
		Installation, earthing, testing and commissioning of pre-wired fluorescent fitting/compact fluorescent fittings of all types complete with all accessories and tube etc. directly on ceiling / wall including connections with 1.5 sq .mm FRLS PVC insulated copper conductor single core cable and earthing etc. as required.	d 721.0	0 EACH	20.0	Rupees Twenty	1 1 1 1 1 1 1 1 1 1
	10	Installation,earthing, testing and commissionin of ceiling fan including wiring the down rod of standard length ( upto 30 cm) with 1.5 sq .mm FRFRLS PVC insulated copper conductor single core cable etc. as required.		0 EACH	50.0	00 Rupees Fifty On	ly 550.
		Supplying and fixing extra down rod of 100 cm length G.I pipe 15cm dia heavy gauge including painting etc as required	g 2.0	0 METF	RE 125.	Rupees O Hundred Twer	1ty 250
	12	Supply of 3 core armoured PVC/XLPE insulate PVC sheathed aluminium conductor cable of 1.1 KV grade with ISI mark conforming to IS:1554(Part I) ,IS:7098(Part I) with latest amendments of following size.	.				

		ame of b	idder →	LOTLIKAR AND SONS			
Sr.	DESCRIPTION OF ITEM	054	11-14	Rate	in Rs.	Amount in Rs	
No		Qty	Unit	In Figures	In words	Amount in Ks	
	(4) 3 Core 10 sq.mm	32.00	METRE	130.00	Rupees One Hundred Thirty Only	4160.00	
13	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm direct in ground including excavation in the form of a trench as per Cable Trench Drawing provided by the Engineer-Incharge, sand cushioning with screened sand bed of 20mm thick, protective covering with bricks placed breadthwise on top of cable all over the run( the brick protection shall cover the cable and project atleast 5 cms over the sides of the cable) and backfilling the excavated earth without stones or hard material and making the surface proper with 15 cm crown on the top complete as required.						
	as required.		The state of the s		•		
			4	1 ( cont.)			
	(b) In rocky strata	5.00	METRE	200.00	Rupees Two Hundred Only	1000.0	
14	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm in the existing RCC/HUME/STONEWARE Metal pipe, etc. complete as required	24.00	METRE	30.00	 Rupees Thirty Only	720.0	
15	Laying of one number PVC insulated and PVC sheathed/XLPE power cable of 1.1 KV grade of size not exceeding 25 sq.mm on surface, etc. complete as required	3.00	METRE	40.00	Rupees Forty Only		
16	Supplying and making cable end terminations with brass compression gland and copper lugs for following sizes of 3 Core PVC insulated PVC sheathed/XLPE aluminium conductor cable of 1.1 KV grade, complete as required.				-		
	(4) 3 x 10 Sq. mm.	2.00	EACH	200.00	Rupees Two Hundred Only	4 4 (11)	

War Sum WILLIE TO THE M. P.V.C. HIVALL

Sub Division

William Care

FH PUL (cashii)

1/5011 1012 (E)

making first and final payments to several wor making first and final payments to several piec and two parts, the first part of "Name of Piece. (For Contractors and Suppliers -- Tb br

in the case of payment to supplies red in (I) Stock, (ii) Purchases for stock, (iii),

- Payment should be attested by some kno In the case of works the accounts of which
- in the statement of receipts, issues and b The person actually making the payment

Cash book voucher No

Name of Contractor/Piece worker/Supplier: M/s Budget Head:-

Name of work: Providing New Led Fixtures and I Agreement No: GU/9/2018-2019/Engg.& Tech D

Date of written order to commencement of work:

ACI	V COOK		its completion. A single form may be used generally for
174	LAL OKUEK		od for the first time. A single form may also be used for
Total value of work done	rk done	520845	520845 Irrie time. In this case column 2 should be sub-divided
Add GST		62009	
		582854	582854 or in on of the following forms applicable to the case.
DEDUCTIONS			(IV) Furchases for the work of
I. Tax	10417		
Worker cess	5208		under the same Sub-nead should be totalled in red ink impression.
SGST	5208	40257	
CGST	5208		payment. Transaction of Road side materials entered
S. Deposit	14216		
Pay by cheque	que	542597	•
Passed for payment Rs.582854/- (Rupees	ent Rs.58	2854/- (Rupees	
five lakhs eighty two thousand eight	two thou	sand eight	
hundred fifty four only	ır only		Liver in
			Hersity

of Work: 04/06/2019



FO

 $\mathbb{Z}$ 

Accountant

Clerk

FIRST	AND	FINAL	BII i	EODIA	NO 24

The company of the	FIRST AND FINAL BILL FORM NO 24				words Am	ouei
Comparison   Com	Description of Items	QO U	nit lin	figures	in Words Am	
Section   Content   Cont	agraging crewit submain wiring along with earth wire with the				1.	
100   100	to flowing sizes of FRLS PVC insulated copper conductor simple cope galde to the		acros 9	000	a NAME!	4
1   10   10   10   10   10   10   10	(a) 2x1/58qmm + 1x1/58qmm earthwire (20mm conduit)	. 0	METHE			
1   10   10   10   10   10   10   10	wip sag for light point/fan point /Exhaust fan point/call bell point with 1.5Symm					
Compared and softbage the post with LSSquam BPX Naturalized cupres conductors	FREEL insulated copper conductor single core cable in PVC casing caping with					1
100   PHYL	modular Switch, modular plates, suitable size modular surface box of specified					
1.100   PIDS.   1.000	and core cable etc. as required				WAME?	11900 00
Value   Valu	(a) Group A with Cat A Modular Accessories	14.00	POINT	50.00		
13.10   Nation   1.10	wiring for circuit/Submain wiring alongwith earth wire with the following sizes					1
12.15   Symm x + 11.55 gmm warthwest (20 mm casting)	FR PAC insulated copper conductor single core cable in the independent PVC					
		24.00	METRE	(20.00	# NAME?	2880.00
The state of the s	(a) 2x1.5Sqmm + 1x 1.5Sqmm earthwise (20mm casing)		METRE	120.00	# NAME?	5230.00
In works of Investment (received) including polithic design grating the vail and making pound (received) including marked the original sequence (number) in control of the property of the during marked the original sequence (number) in control of the property of the during marked the original sequence (number) in control of the property of the prope			17.2.7.7.1.			
the same in case of receased conduit as required.  (1) 3 Timm.  (1) 3 Timm.  (2) 3 Timm.  (3) 3 Timms and the same and a second						
1,13 mm   1,12					n NAME?	- 0.00
Non-physing and listing metal back of following isses (nominal stag) on arriace or in receive with entiroles		0.00	METRE	75.00		
Section   150,000   5   5   5   5   5   5   5   5   5						
					# NAME?	- 0.00
19   Sold Notice Cat   19   19   19   19   19   19   19   1		0.00	EACH	150.00	# (474).	
10   50 / A switch Cat A   10.00   EACH   135.00   FAMME    22480 O   10.3 pm/St A switch Cat A   10.00   EACH   135.00   FAMME    22480 O   10.3 pm/St A switch   10.3 pm/St A switch   10.00   EACH   135.00   FAMME    1466.56   EACH   10.0   EACH   135.00   FAMME    1466.56   EACH   10.0   EACH   EAC				00.00	#NAME?	17280.00
14   10   10   10   10   10   10   10			Direct.		and the same of th	22680.00
Norphyrus and fixing modular blanking plates on the existing modular plate switch box exclusions modular plates are required.    OF JACK   10.00   FACH   10		168.00	EACH	133.00		
No excluding modular plate et a required.						
Supplying and fixing following modular base and cover plate on existing modular metal box as required   110.00   EACH   135.00   # NAME?   21160   113.00	hox excluding modular plate etc as required.	192.00	EACH -	20.00	# NAME?	3840.00
metal box as required  (b) 4 Montal Cat A  Installation, earthing, testing and commissioning of pre wired flourescent fitting  of all types complete with all accessories and tube etc directly on ceiling / wall  including connections with 3.55qmm RRFS PVC installated copper conductor single  or complete with all accessories and tube etc directly on ceiling / wall  including connections with 3.55qmm RRFS PVC installated copper conductor single  or cor colab and earthing etc are required.  Including connections with 3.55qmm RRFS PVC installated or corporate and earthing etc are required.  Including connections with 3.55qmm RRFS PVC installated or copper conductor single core executed.  It is supplying and fixing extra down rod of 100cm length 6.1 ppt 15cm dia heavy  asage including painting etc as required.  It is supplying and fixing extra down rod of 100cm length 6.1 ppt 15cm dia heavy  asage including painting etc as required.  It is fixed by a construction of 100cm length 6.1 ppt 15cm dia heavy  asage including painting etc as required.  It is fixed by a construction of 100cm length 6.1 ppt 15cm dia heavy  asage including painting etc as required.  It is fixed by a construction of 100cm length 6.1 ppt 15cm dia heavy  asage including painting etc as required.  It is fixed by a construction of 100cm length 6.1 ppt 15cm dia heavy  asage including painting etc as required.  It is fixed by a construction of 100cm length 6.1 ppt 15cm dia heavy  asage including painting etc as required.  It is fixed by a construction of 100cm length 6.1 ppt 15cm dia heavy  asage including painting etc as required.  It is fixed of 100cm length 6.1 ppt 15cm dia heavy including assertion of 11cm of						
Distallation, earthing, testing and commissioning of pre-wired flourescent fitting of all types complete with all accessories and tube ret effects on ceiling / wall including connections with 3-5,54mm RELS PVC installated of pre-conductor single correcable and earthing test as required.   1420.00   1420						21300
Installation, earthing, testing and commissioning of per wired doursecent fitting of all types complete with all secessories and tube red circtiv) on celling will conclude the control of the control		180.00	EACH	135.00	# NAME?	24300
and all types complete with all accessories and tube de directly on ceiling / wain including connections with 1.55mm PRESPV insulated open conductors single or crabbe and earthing et as required.  Insulation or, earthing, testing and common with 5.55mm PRESPV (insulated by the deapon and common with 5.55mm PRESPV (insulated by the deapon and common with 5.55mm PRESPV (insulated by the deapon and common with 5.55mm PRESPV (insulated by the deapon and common with 5.55mm PRESPV (insulated by the deapon and common with 5.55mm PRESPV (insulated by the deapon and common and the deapon and common and the common and the deapon and and th						
including connections with 1.55qmm FRLS PVC insulated copper conductor single over cable and earthing eta as required.  10 Insulalation, earthing, testing and commissioning of ceiting fine including wiring the down rold of standard elegatic tupto 30cm) with 1.55qmm FRRLS PVC insulated copper conductor single core etc. as required.  12 Supply 37 and fixing extra down rold 3100cm length 6.1 pipe 15cm dia heavy 2.4.0 METRE 125.00 #NAME? 575.00 2.5 months of 100cm length 6.1 pipe 15cm dia heavy 2.4.0 METRE 125.00 #NAME? 575.00 2.5 months of 100cm length 6.1 pipe 15cm dia heavy 2.4.0 METRE 125.00 #NAME? 575.00 2.5 months of 100cm length 6.1 pipe 15cm dia heavy 3.4.0 METRE 125.00 #NAME? 575.00 2.5 months of 100cm length 6.1 pipe 15cm dia heavy 3.4.0 METRE 125.00 #NAME? 575.00 2.5 months of 100cm length 6.1 pipe 15cm dia heavy 3.4.0 METRE 125.00 #NAME? 575.00 2.5 months of 100cm length 6.1 pipe 15cm dia heavy 3.4.0 METRE 125.00 #NAME? 575.00 2.5 months of 100cm length 6.1 pipe 15cm dia heavy 3.4.0 metre 4.5 months of 100cm length 6.1 pipe 15cm dia heavy 3.4.0 metre 4.5 months of 100cm length 6.1 pipe 15cm dia heavy 3.4.0 metre 4.5 months of 100cm length 6.1 pipe 15cm dia heavy 3.4.0 metre 4.5 months of 100cm length 6.1 pipe 15cm dia heavy 3.4.0 metre 4.5 metre 4.	of all types complete with all accessories and tube etc directly on ceiling / wall					
One cabbe and earthing etc as required   One per content of the down rod of standard length (upto 30cm) with 1.55qmm FRPRLP PVC Insulated   One per conductor single core etc. as required   One per conductor   One per cond	including connections with 1.5Sqmm FRLS PVC insulated copper conductor single	771.00	E7CH -	20.00	# NAME?	14420.00
the down rod of standard length (upto 30cm) with 1558mm PRPLS PVL Insulated copper conductor single over ete as required and productor single over ete as required and producing painting ete et as required cable of 1.1KV grade with 150 mark conforming to 15:1554 (part 1) 18:7098 (part 1) with lutest amendments of following sites of 100 mark conforming to 15:1554 (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites (part 1) 18:7098 (part 1) with lutest amendments of following sites of sites (part 1) 18:7098 (part 1) with lutest amendments of following sites of sites of the standard sites of the s	core cable and earthing etc as required.	721.00	EACH	20.00		
Supplying and fixing extra down rod of 100cm length 6.1 pipe 15cm dia heavy   5.40 METRE   125.00   # NAME?   575.00	10 Installation, earthing, testing and commissioning of ceiling fan including wiring					
1.3 Supplying and fixing extra down rod of 100cm length fi, tipe 15cm dal neary sage including pathing test as required 1.2 Supply of 2 core armoured PVC/XLPE insulated pvc sheathed alminism conductor cable of 1.1 KV grade with 15tm and conforming to 18;1554 part 1] 187998[ part 1] with latest amendments of following size (4) 3 core 1565mm  11 Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1KV grade with 15tm and conforming to 18;1554 part 1] 187998[ part 1] with latest amendments of following size (4) 3 core 1565mm  11 Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1KV grade of size not exceeding 255qm of the ten full the brick protective coveling with bricks sand cushioning with screen and bed 07 20mm thick protective coveling with bricks placed breath whose on top of 25 cms over the sides of the cable) and backfilling the excavated earth without Sones or hard material and making the surface proper with 15cm crown on the top complete as required (b) in rucky strata (b) in rucky strata (c) size not exceeding 255qm and power cable of 1.1KV (c) size not exceeding 255qm on the existing RCC/HUME/STONEWARE Netal grade of size not exceeding 255qm on surface etc complete as required (c) size not exceeding 255qm on surface etc complete as required (c) size not exceeding 255qm on surface etc complete as required (c) size of the following sizes of 2 core PVC insulated WC sheathed / KLPE power cable of 1.1KV (c) size of the following sizes of 2 core PVC insulated PVC sheathed / KLPE power cable of 1.1KV (c) size of the following sizes of 2 core PVC insulated PVC sheathed / KLPE power cable of 1.1KV (c) size of the following sizes of 2 core PVC insulated PVC sheathed / KLPE power cable of 1.1KV (c) size of the following sizes of 2 core PVC insulated PVC sheathed / KLPE power cable of 1.1KV (c) size of the following sizes of 2 core PVC insulated PVC sheathed / KLPE power cable of 1.1KV (c) size of the following sizes of 2 core PVC insulated pVC sheathed / KLPE power	the down rod of standard length (upto 30cm) with 1.5Sqmm FRFRLS PVC insulated	0.00	EACH	50.00	# NAME?	- 0.00
Supply of 2 one number PVC insulated and PVC sheathead / XLPE power cable of 1.1KV grade with SI mark conforming to 15:1554 [part] 15:7086 [part] with latest amendments of following zize   252.00 METRE   130.00 NAME?   32750.00	copper conductor single core etc. as required.					535.00
12 Supply of 2 core armoured PVC/LIPE insulated press searched ultiminate conductors cable of 1.1 KV grade with ISI mark conforming to 18,1554 (part)   15,7096 (part) with latest amendments of following size of 105 (part) with latest amendments of following size of 105 (part) with latest amendments of following size of 105 (part) with latest amendments of following size of 105 (part) with latest amendments of following size of 105 (part) with latest amendments of following size of 105 (part) with latest amendments of following size of 105 (part) with latest amendments of following size of 105 (part) with latest amendments of following size of 105 (part) with latest amendments of following size of 105 (part) with latest amendments of following size of 105 (part) with latest on the part of 105 (part) with latest on the part of 105 (part) with latest on the part of 105 (part) with latest on	Supplying and fixing extra down rod of Toochi tength this pipe 15th and 15th	<b>5.40</b>	METRE	125.00	# NAME?	675.00
Listest amendments of following size  [4] 3 core 10Sqmm  [7] Laying of one number PVC insulated and PVC sheathead / RLPE power-cable of L.IKV grade of size not exceeding 25Sqmm direct in ground including excavation in the form of a trench as per Cable ternch Drawing prowed by the Engineer in charge, sand cushioning with screened sand bed 07 on the provided with bricks placed breach Drawing prowed by the Engineer in charge, sand cushioning with screened sand bed 07 on the provided with bricks placed breath with one top of cable all ower the run (in the brick protection shall cover the cubic and project at least Sons over the dises of the cable and schediling the excavated earth without sons or hard material and making the surface proper with 15cm crown on the top complete as required 10 in row (b) in rowly strata 15 cm crown on the top complete as required 15 laying of one number PVC insulated and present strategies of the cable of LIKV 15 laying of one number PVC insulated and PVC sheathead / KLPE power cable of LIKV 15 laying of one number PVC insulated and PVC sheathead / KLPE power cable of LIKV 15 laying of one number PVC insulated and PVC sheathead / KLPE power cable of LIKV 15 laying of one number PVC insulated and PVC sheathead / KLPE power cable of LIKV 15 laying of one number PVC insulated and PVC sheathead / KLPE power laying the strategies of the complete as required 15 laying of one number PVC insulated PVC sheathead / KLPE power laying the complete with all accessories 15 laying of surface mounted LED Barten luminairs complete with all accessories 15 laying of surface mounted LED Barten luminairs complete with all accessories 16 laying the complete with all accessories 16 laying lay	1315 walks of 3 core compared PVC /XI PF insulated byc sheathed aluminium conductor					
Comparison of following pitze   19,000   19,00	cable of 1.1 KV grade with ISI mark conforming to IS:1554( part I) IS:7098( part I) with					
(4) 3 core 10Sqmm (1) Laying of one number PVC insulated and PVC sheathead / XLPE power cable of 1.1KV grade of size not exceeding 25Sqmm direct in ground including excavation in the form of a trench as per Cable trench Drawing provided by the Engineer in charge, sand cushtoning with screened sand bed 0f 20mm thick protective covering with bricks placed breadth wise on top of cable all over the run (the brick protection ability over the cable and project at least Scms over the sides of the cable) and backfilling the excavated earth without stones or hard material and making the surface proper with 35cm crown on the top complete as required  (b) in rucky strata  1 Lying of one number PVC insulated and pvc sheathead / XLPE power cable of 1.1KV grade of 32cm ont exceeding 25Sqmm in the existing RCC/HIME/STONEWARE Netal grade of 32cm ont exceeding 25Sqmm in the existing RCC/HIME/STONEWARE Netal grade of 32cm ont exceeding 25Sqmm in the existing RCC/HIME/STONEWARE Netal grade of 32cm ont exceeding 25Sqmm on surface etc complete as required  10 Supplying and making cable end terminations with brass compression gland and 10 Supplying and making cable end terminations with brass compression gland and 10 Supplying and making cable end terminations with brass compression gland and 10 Supplying and making cable and terminations with brass compression gland and 10 Supplying and making cable and terminations with brass compression gland and 10 Supplying and making cable and terminations with brass compression gland and 10 Supplying and making cable and termination with brass complete with all accessories 11 Supply of surface mounted LED Batten luminative complete with all accessories 12 Supplying and making cable of 1.1kV grade, complete as required 13 Supplying and Frecting of 45Watts LED streetlight luminative with aluminium diseast 14 Supply and Frecting of 45Watts LED streetlight luminative with aluminium diseast 15 Supply and Frecting of 45Watts LED streetlight luminative with aluminium diseast 16 Supplying and Frectin	latest amendments of following size	252.00	METRE	130.00	#NAME?	32760.00
grade of size not exceeding 250gmm in close to growth by the Engineer in charge, sand cushloning with screened sand bad of 20 point mick prosective covering with bricks placed breadth wise on top of cable all over the run (the brick protection shall cover the cable and project at least Scins over the sides of the cable) and backfilling the exceavated earth without stones or hard material and making the surface proper with 15cm crown on the top complete as required  (b) in rovely strata  (b) in rovely strata  (c) in rovely strata  (c) in rovely strata  (d) in rovely strata  (e) in rovely strata  (e) in rovely strata  (f) in rovely strata  (grade of size not exceeding 255gmm in the existing RCC/HUME/STONEWARE Metal grade of size not exceeding 255gmm in the existing RCC/HUME/STONEWARE Metal grade of size not exceeding 255gmm on surface etc complete as required grade of size not exceeding 255gmm on surface etc complete as required grade of size not exceeding 255gmm on surface etc complete as required grade of size not exceeding 255gmm on surface etc complete as required grade of size of size and the existing RCC/HUME/STONEWARE Metal grade of size not exceeding 255gmm on surface etc complete as required grade of size of siz		232.00	- CALLINE	100.00		
form of a trench as per Cable trench Drawing parameters covering with bricks sand cushforning with screened sand bed of 20mm thick protection covering with pricks placed breadth wise on top of cable all over the run (the brick protection with cable and project at least Scmo over the sides of the cable) and backfilling the excavated earth without stones or hard material and making the surface proper with \$25m crown on the top complete as required \$1.00 METRE \$200.00 WINAME? \$75.00 METRE \$30.00 METRE \$30.00 MINAME? \$75.00 METRE \$30.00 MINAME? \$75.00 METRE \$30.00 MINAME? \$75.00 METRE \$40.00 MINAME? \$15.00 METRE \$40.00 MINAME? \$15.00 METRE \$40.00 METRE \$40	13 Laying of one number PVC insulated and PVC sneathead / ALPE power caste of the state of the s					
sand cushloning with screened sano bod to deprice protection shall cover placed breadth wise on top of cable all over the run ( the brick protection shall cover the cable and project at least Soms over the sides of the cable) and backfilling the excavated earth without stones of hard making the surface proper with 15cm crown on the top complete as required  (b) in rocky strata  17.00 METRE 20.00 # NAME? 375.0  (b) in rocky strata  19.00 METRE 20.00 # NAME? 375.0  10.00 METRE 20.00 # NAME? 375.0  11.00 METRE 20.00 # NAME? 375.0  12.00 METRE 20.00 # NAME? 375.0  13.10 METRE 20.00 # NAME? 375.0  14.10 METRE 20.00 # NAME? 375.0  15.10 METRE 20.00 # NAME? 375.0  16.10 METRE 20.00 # NAME? 375.0  17.10 METRE 20.00 # NAME? 375.0  18.10 METRE 20.00 # NAME? 3						
placed breadth wise on top of clabel all over the sides of the cable ) and backfilling the the cable and project at least Scms over the sides of the cable) and backfilling the excavated earth without stones or hard material and making the surface proper with 15cm crown on the top complete as required  [b) in rocky strata  1 Lying of one number PVC insulated and pvc sheathead/ XLPE power cable of LLKV grade or size not exceeding 255gmm in the existing KCC/HUME/STONEWARE Netal pipe etc complete as required pipe of complete as required of size not exceeding 255gmm on surface etc complete as required copper lugs for the following sizes of 3 core PVC insulated and PVC sheathead / XLPE power cable of LLKV grade of size not exceeding 255gmm on surface etc complete as required copper lugs for the following sizes of 3 core PVC insulated PVC sheathed VLPE complete as required all summitties of the following sizes of 3 core PVC insulated PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC insulated PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC insulated PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC insulated PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC insulated PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC insulated PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC insulated PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC insulated PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC insulated PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC insulated PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC sheathed PVC sheathed VLPE copper lugs for the following sizes of 3 core PVC sheathed PVC sheathed VLPE copper lugs for pVC sheathed PVC sheathed School sheathed VLPE copper lugs for pVC sheathed vLPE copper lugs for pVC sheathed pVC sheathed vLPE copper lugs for pVC sheathed vLPE copper lugs for pVC sheathed vLPE copper lugs for pVC	form of a trench as per capte deficit beautiful beautiful brick protective coveling with bricks					
the cable and project at least stants of the cable are the cable arth without stones or hard material and making the surface proper with 15cm crown on the top complete as required 10 in rocky strata 11 lying of one number PVC insulated and pvc sheathead/XLPE power cable of L1KV 12 lying of one number PVC insulated and PVC sheathead / XLPE power cable of L1KV 13 laying of one number PVC insulated and PVC sheathead / XLPE power cable of L1KV 14 laying of one number PVC insulated and PVC sheathead / XLPE power cable of L1KV 15 laying of one number PVC insulated and PVC sheathead / XLPE power cable of L1KV 15 laying of one number PVC insulated and PVC sheathead / XLPE power cable of L1KV 15 laying of one number PVC insulated pVC sheathead / XLPE power cable of L1KV 15 laying of one number PVC insulated PVC sheathead / XLPE power cable of L1KV 15 laying of one number PVC insulated PVC sheathead / XLPE power cable of L1KV 15 laying of one number PVC insulated PVC sheathead / XLPE power cable of L1KV 15 laying of one number PVC insulated PVC sheathead / XLPE power cable of L1KV 15 laying of one number PVC insulated PVC sheathead / XLPE power cable of L1KV 15 laying of one number PVC insulated PVC sheathead / XLPE power cable of L1KV 15 laying one number PVC insulated PVC sheathead / XLPE power cable of L1KV 15 laying and sheat (Insulated PVC sheathead / XLPE power cable of L1KV 15 laying and sheathead (XLPE power cable of L1KV 15 laying and Stantal laying and the late of the power cable of L1KV 15 laying and late of the power cable of L1KV 15 laying and late of the power cable of L1KV 15 laying and late of the power late of the power late of the late of the power late of the power late of the late of the power late of the late of th						
exexvated earth without stones or nat outset.  15cm crown on the top complete as required.  (b) in rocky strata.  1 Lying of one number PVC insulated and pvc sheathead/ XLPE power cable of L.IkV grade of size not exceeding 255qmm in the existing RC/HUME/STONEWARE Metal pipe etc complete as required pipe etc complete as required of size not exceeding 255qmm on surface etc complete as required grade of size not exceeding 255qmm on surface etc complete as required copper lugs for the following sizes of 3 core PVC insulated which brass compression gland and copper lugs for the following sizes of 3 core PVC insulated PVC sheathed/ XLPE duminium conductor cable of 1.1kV grade, complete as required aluminium conductor cable of 1.1kV grade, complete as required 2.00 EACH 200.00 P NAME? 400.0  2.00 EACH 200.00 P NAME? 400.0  2.00 EACH 200.00 P NAME? 300.00  2.01 EACH 255 00 P NAME? 300.00  2.02 EACH 200.00 P NAME? 300.00  2.03 EACH 255 00 P NAME? 300.00  2.04 feet 20 Walts 2.05 EACH 300.00 P NAME? 300.00  2.05 EACH 300.00 P NAME? 300.00  2.06 EACH 300.00 P NAME? 300.00  2.07 Supply and Frecting of 45 Watts LED streetlight luminaire with aluminium diseast 3.08 EACH 300.00 P NAME? 300.00  3.08 Supply and Frecting of 45 Watts LED streetlight luminaire with aluminium diseast 4.05 EACH 300.00 P NAME? 300.00  3.05	the cable and project at least 5cms over the sides of the cable ) and backfilling the					
15cm crown on the top compilete as required  (b) in rocky strata  15 laying of one number PCV insulated and pvc sheathead/ XLPE power cable of 1.1KV  grade of size not exceeding 25Sqmm in the existing RCC/HUME/STONEWARE Netal prive etc compilete as required pipe etc compilete as required pipe etc compilete as required provided on enumber PVC insulated and PVC sheathead / XLPE power cable of 1.1KV  15 Laying of one number PVC insulated and PVC sheathead / XLPE power cable of 1.1KV prade of size not exceeding 25Sqmm on surface etc compilete as required provided on fixe not exceeding 25Sqmm on surface etc compilete as required provided on fixer of size not exceeding 25Sqmm on surface etc compilete as required aluminium conductor cable of 1.1KV grade , complete as required aluminium conductor cable of 1.1KV grade , complete with all accessories provided on fixeres)  15 Supply of surface mounted LED Batten luminaire complete with all accessories [4] 3 Klg2 fore 110Watts [8] 2 fore 110Watts [8] 2 fore 110Watts [8] 3 fore 110Watts [8] 3 fore 110Watts [8] 5 fore 110Watts [9] 6 I bend pipe or as required Panasonic/Jaquar/Huvells make (Minimum 2 years polymore as required Panasonic/Jaquar/Huvells make (Minimum 2 years polymore with all accessories including all control gear , LED Lamp 25mm 2 feet body complete with all accessories [1] 6 J bend pipe or as required Panasonic/Jaquar/Huvells make (Minimum 2 years [2] 5 Supply and erecting of 48 inch (1200mm sweep) ceiling fan . Double hall bearing type [3] 5 Supply and erecting of 5 with the providing and fixing at plan 5 for modular place with all accessories [4] 6.00 NO 1000.00 # NAME? 15800 [6] 6 A modular switch complete with all accessories [6] 6 A modular of recess including providing and fixing 3 pln 5 for Modular pant complete as required [1 hook not included] providing and fixi	was untaid earth without stones or half a make, an area					
1   1   1   1   1   1   1   1   1   1	15cm crown on the top complete as required	17.0	0 METRE	200.00	# NAME?	3400.00
grade of size not exceeding 250gmm on surface etc complete as required grade of size not exceeding 250gmm on surface etc complete as required grade of size not exceeding 250gmm on surface etc complete as required copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE copper lugs for the follocing sizes of 3 specific sizes and sizes of 3 specific sizes of 3 specific sizes and sizes of 3 specific sizes of 3 speci	(b) in rucky strata	32.5	0 METRE	30.00	#NAME?	975.00
pipe etc complete as required   202.50   METRE   40.00   # NAME?   \$12	14 Lying of one number PVC insulated and pvc sixting RCC/HUME/STONEWARE Metal					
15 Laying of one number PVC instituted and regular parade of size not exceeding 255gmm on surface etc complete as required copper lugs for the following sizes of 3 core PVC instituted PVC sheathed/ XLPE copper lugs for the following sizes of 3 core PVC instituted PVC sheathed/ XLPE copper lugs for the following sizes of 3 core PVC instituted PVC sheathed/ XLPE copper lugs for the following sizes of 3 core PVC instituted PVC sheathed/ XLPE copper lugs for the following sizes of 3 core PVC instituted PVC sheathed/ XLPE copper lugs for the following sizes of 3 core PVC instituted and sizes of a copper lugs for the following sizes of 3 core PVC instituted and sizes of sizes of the sizes of	grade of size not exceeding 235quin in the		-			
Supplying and making cable end terminations with brass compression gland and copper lugs for the follocing sizes of 3 core PVC insulated PVC sheathed/ XLPE aluminium conductor cable of 1.1KV grade, complete as required   2.00 EACH   200.00   # NAME?   400.00   4 NAME?   400.00	pipe etc complete as required and PVC sheathead / XLPE power cable of 1.1KV	202,5	O METRI	40.00	# NAME?	810
10 Supplying and making cable into the following sizes of 3 core PVC insulated PVC sheathed/ XLPE aluminium conductor cable of 1.1KV grade, complete as required 2.00 EACH 200.00 # NAME? 400.00 [4.4] 3x10Sqmm 2.00 ftsvells/Phillips/Jaquar make (Min 2 years replacement warranty to be Panasonic/Havelis/Phillips/Jaquar make (Min 2 years replacement warranty to be provided on fixtures) 215.00 EACH 350.00 # NAME? 215500 [8.1] 4 feet 20 Watts 215.00 EACH 350.00 # NAME? 33850.00 [8.2] 6 feet 10Watts 215.00 EACH 350.00 # NAME? 33850.00 [8.2] 6 feet 10Watts 215.00 EACH 350.00 # NAME? 33850.00 [8.2] 6 feet 10Watts 215.00 EACH 350.00 # NAME? 33850.00 [8.2] 6 feet 10Watts 215.00 EACH 350.00 # NAME? 33850.00 [8.2] 6 feet 10Watts 215.00 EACH 350.00 # NAME? 33850.00 [8.2] 6 feet 10Watts 215.00 [8.2] 6 feet 10Watts 215.	15 Laying of one national 25Sqmm on surface etc complete as required		+	+	-	-
copper lugs for the following steed complete as required aluminium conductor cable of 1.1kV grade , complete as required (4) 3x10Sqmm  17 Supply of surface mounted LED Batten luminaire complete with all accessories Panasonic/Havelis/Philips/Jaquar make( Min 2 years replacement warranty to be provided on fixtures) (a) 4 feet 20 Watts (B) 2 feet 10Watts (B) 3 feet 10Watts (B) 4 feet 20 Watts (B) 2 feet 10Watts	grade of size not exceed the end terminations with brass compression grand and					
aluminium conductor cable of LEA Signal (4) 3x10Sqmm  17 Supply of surface mounted LED Batten luminaire complete with all accessories Panasonic/Havelis/Philips/Jaquar make (Min 2 years replacement warranty to be provided on fixtures)  (a) 4 feet 20 Watts (b) 2 feet 10Watts (c) 2 feet 10Watts (d) 2 feet 10Watts (e) 2 feet 10Watts (e) 2 feet 10Watts (f) 2 feet 10Watts (h) 2 feet 10Watts (e) 2 feet 10Watts (f) 3 feet 10Watts (f) 2 feet 10Watts (f) 2 feet 10Watts (f) 2 feet 10Watts (f) 3 feet 10Watts (f) 3 feet 10Watts (f) 2 feet 10Watts (f) 3 feet 10Watts (f) 3 feet 10Watts (f) 3 feet 10Watts (f) 3 feet 10Watts (f) 4 feet 20 Watts (f) 5 feet 10Watts (f) 6 feet 10Watts (f)	copper lugs for the following sizes of 3 core PVC insulated PVC sheathed, Act a					
(4) 3x10Sqmm  17 Supply of surface mounted LED Batten luminaire complete with all accessories Panasonic/Havells/Phillps/Jaquar make(Min 2 years replacement warranty to be provided on fixtures)  (a) 4 feet 20 Watts  (b) 2 feet 10Watts  (b) 2 feet 10Watts  Supply and Frecting of 45Watts LED streetlight luminaire with aluminium diecast body complete with all accessories including all control gear. LED Lamp 25mm 2 feet body complete with all accessories including all control gear. LED Lamp 25mm 2 feet body complete with all accessories including all control gear. LED Lamp 25mm 2 feet body complete with all accessories including all control gear. LED Lamp 25mm 2 feet body complete with all accessories including all control gear. LED Lamp 25mm 2 feet body complete with all accessories are complete as required (Lact A complete with all accessories are complete as required (Lact A complete with all accessories are complete as required (Lact A complete as required (Lact A complete with all accessories are made) and the plaster, neeru and another complete as required (Lact A complete with all accessories including providing and fixing 3 pin 5/6 A modular infront on surface or in recess including providing and fixing 3 pin 5/6 A modular infront on surface or in recess including providing and fixing 3 pin 5/6 A modular infront on surface or in recess including providing and fixing 3 pin 5/6 A modular infront on surface or in recess including providing and fixing surface as required (Lact A complete with 6.1 fittings including trenching and fixing surface as required (Lact A complete with 6.1 fittings including trenching and fixing surface as required (Lact A complete with 6.1 fittings including reacting modular surface as required (Lact A complete with 6.1 fittings including	aluminium conductor cable of 1.1kV g. 2.2.2.	2.0	O EACH	200.00	# NAME?	400.00
Panasonic/flavelis/Printps/jacques.  [a) 4 feet 20 Watts [b) 2 feet 10Watts [b) 2 feet 10Watts [b) 2 feet 10Watts [c] 390.00 # NAME? 83850.  [b) 2 feet 10Watts [c] 390.00 # NAME? 83850.  [b) 2 feet 10Watts [c] 390.00 # NAME? 83850.  [c] 3 bend pipe or as required Panasonic/jaquar/Havells make (Minimum 2 years) [c] 4 bend pipe or as required Panasonic/jaquar/Havells make (Minimum 2 years) [c] 5 supply and erecting of 48 inch (1200mm sweep) ceiling tan . Double hall bearing type [c] 5 supply and erecting of 48 inch (1200mm sweep) ceiling tan . Double hall bearing type [a) Cat A [b] 5 supply and erecting 5 type Stainless steel fan hook fabricated out of 10mm round bar [c] 6.00 NO 100.00 # NAME? 600 [c] 6.00 NO 100.00 # NAME? 600 [c] 6.00 NO 125.00 # NAME? 750 [c] 7 supplying and erecting 5 type Stainless steel fan hook included] [c] 8 supplying and fixing suitable size modular PVC box with modular plate and cover socket outlet and 5/6 A modular switch connection painting etc as required [c] 6.01 A [c] 6.02 METRE 200.00 # NAME? 1500 [c] 7 supplying and fixing G.I pipes complete with G.I fittings inclinding trenching and refilling etc (external works) [18.00 METRE 200.00 #NAME? 3600 [c] 6.00 METRE 300.00 #NAME? 1500 [c] 7 supplying and fixing Stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular complete as required to the existing modular plate etc as required for the exis	(4) 3x10Sqmm					
Panasonic/flavelis/Printps/jacques.  [a) 4 feet 20 Watts [b) 2 feet 10Watts [b) 2 feet 10Watts [b) 2 feet 10Watts [c] 390.00 # NAME? 83850.  [b) 2 feet 10Watts [c] 390.00 # NAME? 83850.  [b) 2 feet 10Watts [c] 390.00 # NAME? 83850.  [c] 3 bend pipe or as required Panasonic/jaquar/Havells make (Minimum 2 years) [c] 4 bend pipe or as required Panasonic/jaquar/Havells make (Minimum 2 years) [c] 5 supply and erecting of 48 inch (1200mm sweep) ceiling tan . Double hall bearing type [c] 5 supply and erecting of 48 inch (1200mm sweep) ceiling tan . Double hall bearing type [a) Cat A [b] 5 supply and erecting 5 type Stainless steel fan hook fabricated out of 10mm round bar [c] 6.00 NO 100.00 # NAME? 600 [c] 6.00 NO 100.00 # NAME? 600 [c] 6.00 NO 125.00 # NAME? 750 [c] 7 supplying and erecting 5 type Stainless steel fan hook included] [c] 8 supplying and fixing suitable size modular PVC box with modular plate and cover socket outlet and 5/6 A modular switch connection painting etc as required [c] 6.01 A [c] 6.02 METRE 200.00 # NAME? 1500 [c] 7 supplying and fixing G.I pipes complete with G.I fittings inclinding trenching and refilling etc (external works) [18.00 METRE 200.00 #NAME? 3600 [c] 6.00 METRE 300.00 #NAME? 1500 [c] 7 supplying and fixing Stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular complete as required to the existing modular plate etc as required for the exis	17 Supply of surface mounted LED Batter running 18 Supply of surface mounted 18 Supply of surface mounted LED Batter running 18 Supply of surface mounted LED Batter running 18 Supply of surface mounted LED Batter running 18 Supply of surface mounted 18 Supply of surface mo					
(a) 4 feet 20 Watts (B) 2 feet 10 Watts (B) 2	Panasonic/Havelis/Philips/jaquat					
(B) 2 feet 10Watts  18 Supply and Erecting of 45Watts LED streetlight luminaire with aluminium diecast body complete with all accessories including all control gear. LED Lamp 25mm 2 feet body complete with all accessories including all control gear. LED Lamp 25mm 2 feet body complete with all accessories including and fixing 5 make (Minimum 2 years 10.00 EACH 3500.00 # NAME? 35000.  19 Supply and erecting of 48 inch (1200min sweep) ceiling fan. Double ball bearing type complete with all accessories 11.00 NO 100.00 # NAME? 19800.  20 Supply and erecting 5 type Stainless steel fan hook fabricated out of 10mm round bar 6.00 NO 100.00 # NAME? 5000 complete as required (hook including making good the plaster, neeru and 5.00 NO 125.00 # NAME? 750.  21 Supplying and fixing to erect a fan hook included 1 paint complete as required (hook not included 1) paint complet	provided on fixtures)		_			215050.00
Body complete with all accessories   10.00   EACH   3500.00   # NAME?   35000.	(a) 4 feet 20 watts	215,	OU EACH	1 390.00	# NAME?	83850.00
Body complete with all accessories   10.00   EACH   3500.00   # NAME?   35000.	18 Supply and Erecting of 45 Watts LED streetlight luminaire with aluminium disease					
G.1 bend pipe or as required Panasamics   10.00 EACH   3500.00   # NAME?   35000.  Teplacement warranty to be provided on fixture   10.00 EACH   3500.00   # NAME?   35000.  Supply and erecting of 46 inch (1200mm sweep) ceiling fan . Double ball bearing type   11.00   NO   1000.00   # NAME?   19800.  [a) Cat A   20 Supply and erecting S type Stainless steel fan hook fabricated out of 10mm round bar   6.00   NO   1000.00   # NAME?   600.  [a] Cat A   20 Supply and erecting S type Stainless steel fan hook fabricated out of 10mm round bar   6.00   NO   1000.00   # NAME?   600.  [a] Cat A   20 Supply and erecting S type Stainless steel fan hook fabricated out of 10mm round bar   6.00   NO   125.00   # NAME?   750.  [a] Cat A   20 Supplying and fixing suitable size modular PVC box with modular plate and cover   22 Supplying and fixing suitable size modular PVC box with modular plate and cover   23 Supplying and fixing suitable size modular PVC box with modular plate and cover   10.00 EACH   150.00   # NAME?   1500.  [a] Cat A   24 Providing and fixing G.I pipes complete with G.I fittings including trenching and fixing and fixing G.I pipes complete with G.I fittings including trenching and fixing etc external works   18.00   METRE   200.00   # NAME?   3600.00   18.	body complete with all accessories including all control gear. LED Lamp 25mm 2 reet		+		+	
replacement warranty to be provided and a control of the first specifing fant. Double hall bearing type  19 Supply and erecting of 48 inch (1200min sweep) ceiling fant. Double hall bearing type  (a) Cat A  20 Supply and erecting S type Stainless steel fan hook fabricated out of 10mm round bar  20 Supply and erecting S type Stainless steel fan hook fabricated out of 10mm round bar  21 Chasing the ceiling to erect a fan hook including making good the plaster, neeru and  22 Chasing the ceiling to erect a fan hook included bearing the ceiling to erect a fan hook included bearing to erect and to every the fan hook included bearing to erect a fan hook included bearing to erect and to every the fan hook included bearing to erect a fan hook included bearing to erect a fan hook included bearing to erect and to every the fan hook included bearing to erect a fan hook included bearing to erect and	6 thend pipe or as required Panassine, 1-4-4-4	10.	00 EAC	3500.00	a NAME?	35000.00
Supply and erecting of 40 little (2000)  (a) Cat A  20 Supply and erecting S type Stainless steel fan hook fabricated out of 10mm round bar  20 Supply and erecting S type Stainless steel fan hook fabricated out of 10mm round bar  21 Chasing the reiling to erect a fan hook inclinding making good the plaster, neeru and  22 Chasing the reiling to erect a fan hook inclinding making good the plaster, neeru and  23 Supplying and fixing suitable size modular PVC box with modular plate and cover  24 Supplying and fixing suitable size modular PVC box with modular plate and cover  25 Supplying and fixing suitable size modular PVC box with modular plate and cover  26 Supplying and fixing suitable size modular PVC box with modular plate and cover  27 Supplying and fixing G.I pipes complete with G.I fittings inclinding trenching and  28 Providing and fixing G.I pipes complete with G.I fittings inclinding trenching and  29 Providing and fixing G.I pipes complete with G.I fittings inclinding trenching and  20 Supplying and fixing stepped type electronic fan regulator on the existing modular  29 Supplying and fixing stepped type electronic fan regulator on the existing modular  29 Supplying and fixing stepped type electronic fan regulator on the existing modular  20 Supplying and fixing stepped type electronic fan regulator on the existing modular	replacement warranty to be provided on fixture)	34		20.00	" dane	33000.00
Complete with all accessories   11.00   NO   1800.00   # NAME?   19800.	19 Sunnly and erecting of 48 inch (1200mm					
complete as required  1 Chasing the celling to erect a fan hook including making good the plaster, neeru and  2 Chasing the celling to erect a fan hook included)  2 Supplying and fixing suitable size modular PVC box with modular plate and cover  3 Supplying and fixing suitable size modular PVC box with modular infront on surface or in recess including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch connection painting etc as require.  3 Providing and fixing G.I pipes complete with G.I fittings including trenching and fixing and fixing G.I pipes complete with G.I fittings including trenching and fixing etc external works)  4 Supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular palte etc.as required	complete with all accessories				# NAME?	19800.00
complete as required  1 Chasing the celling to erect a fan hook including making good the plaster, neeru and  2 Chasing the celling to erect a fan hook included)  2 Supplying and fixing suitable size modular PVC box with modular plate and cover  3 Supplying and fixing suitable size modular PVC box with modular infront on surface or in recess including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch connection painting etc as require.  3 Providing and fixing G.I pipes complete with G.I fittings including trenching and fixing and fixing G.I pipes complete with G.I fittings including trenching and fixing etc external works)  4 Supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular palte etc.as required	(a) Cat A	6.	.00 NO	100,00	# NAME?	600.00
paint complete as required (note modular PVC box with modular plate and cover  Supplying and fixing suitable size modular PVC box with modular plate and cover  for one of inferences including providing and fixing 3 plin 5/6 A modular  socket outlet and 5/6 A modular switch connection painting etc as require.  [10.00 EACH 150,00 # NAME? 1500  [1] Cat A  [1] Providing and fixing GI pipes complete with GI fittings including trenching and  re-filling etc (external works)  [1] Somm Nominal Bore  [1] Somm Nominal Bore  [2] Supplying and fixing stepped type electronic fan regulator on the existing modular  [3] Supplying and fixing stepped type electronic fan regulator on the existing modular	20 Supply and erecting 5 type standard	-	00		-	
paint complete as required.  Supplying and fixing suitable size modular PVC box with modular plate and cover fulfront on surface or in recess including providing and fixing 3 plin 5/6 A modular sucket outlet and 5/6 A modular switch connection painting etc as require.  (a) Cut A  3 Providing and fixing G.I pipes complete with G.I fittings including trenching and re-filling etc external works)  (b) Somm Nominal Bore  (c) John Nominal Bore  (d) John Nominal Bore  Supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing stepped type electronic fan regulator on the existing modular supplying and fixing supplying and fixing supplying and fixing supplying and fixing su	complete as required to erect a fan hook including making good the plaster, neeru and	, 6	NO NO	125.00	# NAME?	750.00
Supplying and fixing Suitable toft on or surface or in recess including providing and fixing 3 pln 5/6 A modular toft on or surface or in recess including providing and fixing 3 pln 5/6 A modular socket outlet and 5/6 A modular switch connection painting etc as require.  [4] Cat A  23 Providing and fixing G.I pipes complete with G.I fittings including trenching and re-filling etc external works)  [5] Somm Nominal Bore [6] JODMM Nominal Bore [6] JODMM Nominal Bore [6] Supplying and fixing stepped type electronic fan regulator on the existing modular Supplying and fixing stepped type electronic fan regulator on the existing modular	naint complete as required (1994) the partition madular plate and cover		-	-	+	
socket outlet and 5/6 A modular switch connection painting etc as require.  (a) Cat A  23 Providing and fixing G.I pipes complete with G.I fittings including trenching and  (b) METRE 200.00 #NAME? 3600  (f) Somm Nominal Bore  (G) MM Nominal Bore  (G) MM Nominal Bore  Supplying and fixing stepped type electronic fan regulator on the existing modular palte etc.as required	Supplying and fixing suitable size manufacture and fixing 3 pln 5/6 A modular					
socket outlet and 5/6 A modular with 5/6 A modular with 6.1 fittings including trenching and  [4] Cat A  23 Providing and fixing G.I pipes complete with 6.1 fittings including trenching and  [5] Froviding etc  external works)  [6] Somm Nominal Bore  [6] Supplying and fixing stepped type electronic fan regulator on the existing modular  [6] Supplying and fixing stepped type electronic fan regulator on the existing modular with a supplying and fixing stepped type and fixing stepped t	infront on surface or in recess including providing and daing a pin of					
(a) Cat A  23 Providing and fixing G.I pipes complete with G.I fittings including trenching and re-filling etc  external works)  (b) 50mm Nominal Bore (c) 50mM Nominal Bore (c) 50mM Nominal Bore  4 Supplying and fixing stepped type electronic fan regulator on the existing modular (c) 50mm Nominal Bore (d) 50mm Nominal Bore (e) 50mm Nominal Bore (f) 50mm Nominal Bore (f) 50mm Nominal Bore (f) 50mm Nominal Bore (f) 50mm Nominal Bore	cocket outlet and 5/6 A mudular switch	10	.00 EACH	150.00	# NAME?	1500.00
re-filling etc  external works  3600  (f) 50mm Nominal Bore  (G)HOMM Nominal Bore  Supplying and fixing stepped type electronic fan regulator on the existing modular  Supplying and fixing stepped type vectoding modular palte etc.as required	(a) Cat A supergraphers with G.I fittings including trenching and					
re-filling etc  external works  3600  (f) 50mm Nominal Bore  (G)HOMM Nominal Bore  Supplying and fixing stepped type electronic fan regulator on the existing modular  Supplying and fixing stepped type vectoding modular palte etc.as required	23 Providing and fixing G.I pipes complete with		00			
(G)inMM Nominal Bore  Supplying and fixing stepped type electronic fan regulator on the existing modular  supplying and fixing stepped type electronic fan regulator on the existing modular palte etc.as required	re-filling etcl external works?		OU MET	RE 200.00		3600.00
Supplying and fixing stepped type electronic fan regulator on the extrang-   Supplying and fixing stepped type electronic fan regulator on the extrang-   Plate switch box including connections but excluding modular palte etc.as required   (a) Cat A   (b) EACH   400.00   #NAME*   2400   (a) Cat A   (b) Cat A   (b) Cat A   (c) C	the state of Page		MET	RE 300.00	"NAME?	- 1800.0-
plate switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including connections but excluding modular base with the switch box including the switch box included the switch box i	Completing and fixing stepped type electronic (an regulator on the existing module					
(a) Car A  (b) Car A  (c) Car A  (d) Car A  (e) Car A  (e) Car A  (f) Car A  (g) Car A	plate switch box including connections but excluding modular parts	6	.00 EAC	H 400 00	#NAME?	2400.00
weekeng and fixing following size mountain	Cat Cat A	-			- INTERIOR	2405.00
A 2 d D D D A D D D D D D D D D D D D D D D	Supplying and fixing following size modular F. C. Supplying and fixing following size modular F. Supplying and fixing following size modular fixed following size modular fixed following size modular fixed fixed following size modular fixed fixe		1		1	

## SCHEDULE OF WORK

	N	LOTLIKAR AND SONS				
Sr.	DESCRIPTION OF ITEM	04-1	. 17-15	Rate	Amount in Rs	
No	DESCRIPTION OF ITEM	Qty	Unit	In Figures	In words	Amount in R3
17	Supply of surface mounted LED battern luminaire complete with all accessories Panasonic/Havels/Philips/Jaquar make(Min 2 years replacement warranty to be provided on fixtures)					
Ţ	(a) 4 feet, 20 Watts	506.00	EACH	425.00	Rupees Four Hundred Twenty Five Only	215050.0
	(b) 2 feet 10Watts	215.00	EACH	390.00	Rupees Three Hundred Ninety Only	83850.0

(cont.)

SCHEDULE OF WORK

	N	ame of bi	idder →	L	OTLIKAR AND SON	IS
Sr.				Rate	in Rs.	Amount in Rs
No	DESCRIPTION OF ITEM	Qty	Unit	In Figures	In words	Amount in Ks
	Supply and Erecting of 45 watts LED streetlight luminaire with alluminium diecast body complete with all accessories including all control gear, LED Lamp fixtue 25mm 2 feet G.I bend Pipe or as required Panasonic/Jaquar/Havels make (Minimum 2 years replacement warranty to be provided on fixture)	10.00	EACH	3500	Rupees Three Thousand Five Hundred Only	35000.00
19	Supply and erecting of 48 inch ( 1200mm sweep) ceiling fan, double ball bearing type, , complete with all accessories.					
	(a) Cat A	11.00	NO	1800.00	Rupees One Thousand Eight Hundred Only	19800.00
20	Supply and erecting S type Stainless Steel fan hook fabricated out of 10 mm round bar complete as required.	5.00	NO	100.00	Rupees One Hundred Only	500.00
21	Chasing the ceiling to erect a fan hook including making good the plaster, neeru and paint complete as required( hook not included).	5.00	NO	125.00	Rupees One Hundred Twenty Five Only	625.00
	Supplying and fixing suitable size modular PVC box with modular plate and cover in front on surface or in recess including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch connection painting etc. as required.					
	(a) Cat A	12.00	EACH	150.00	Rupees One Hundred Fifty Only	1800.0
23	Providing and fixing G.I pipes complete with GI fittings including trenching and re-filling etc(external works)					
	(f) 50mm Nominal Bore	18.00	METRI	200.00	Hunarea Only	3800.0
	(g) 80mm Nominal Bore	6.00	METR	E 300.00	Rupees Three Hundred Only	
24	Supplying and fixing stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required	3			2 2	
	a) CAT A	6.00	EACH	400.00	Rupees Fou Hundred Only	Z400.
25	Supplying and fixing following size modular PVC box alongwith modular base and cover plate for modulator switches in recess etc. as required					
	(a) 1 or 2 Module Cat A	6.00	EACH	180.00	Rupees On Hundred Eight Onl	1080 <b>1</b> 080

## SCHEDULE OF WORK

	Na	LOTLIKAR AND SONS				
Sr.		Qty	Unit	Rate	Amount in Rs	
No	DESCRIPTION OF ITEM			In Figures	In words	Amount
26	Dismantaling of all types of Fluorescent tubelight fixture from wall or ceiling alongwith all accessories, stacking at a suitable place and shifting at a location within the campus including transportation labour etc. complete as required	700.00	EACH	5.00	Rupees Five Only	3500.00
	•		Total	Rupees Five La	kh Eleven Thousand Fifty Only	511050.00
-	R	stimated	l Amount			591321.00
-			ifference			-80271.00
-			ercentage			-13.57

"This is a digitally Signed Document"

- Estate Diw2017 -2010 - 152

Estate Divinon
Goa University
Taleigao Platenii, Goa
Date: 35/29 2019

The Finance officer, For University

Since Enclosed please find FIRST AND FINAL 30 bill in triplicase for the work rounding new LED fintures and town temps in Mare of all fintures in Boys Moster Located in Goa University Company alongwith M.B. No. 2-71

The MB, and one copy of RA, bill duly passed be recurred to this office record.

CONTRACTLY ENGINEER

7.20.00