

Uses of LED Lights at Tezpur University Campus

Napaam

SL No.	Bill No with Date	Location	Amount	Remarks
1	1669/19-12-2016	A. Replacement of CFL Light with LED in the approach Road of CMH Hostel. B. Replacement of HPSV Street Light with LED in the main gate.	Rs.3,99,860.00	
2	1696/30-03-2017	Replacement of existing 70W & 150W HPSV street Light with LED including UG Cable and junction box in the main ring road.	Rs.20,42,220.00	
3	1118/08-03-2019	Replacement of existing 70W & 150W HPSV Street Light with LED in front of Community Hall, front and back sides of Guest House at Type-C and D Quarters.	Rs.17,72,244.00	
4	1693/25-03-2017	Supply, Erection, Testing and Commissioning of LED High Mast Light at Botanical Garden at TU Campus.	Rs.8,14,910.00	
5	1130/22-03-2019	Replacement of existing Globe Lights in Guest House, VC's Residence and Children Park at TU, Napaam with LED	Rs.9,78,316.00	
6	GEM	Partial replacement of CFL Light into LED in the Corridors of 22 nos. Academic Building and Hostels at TU, Napaam.	Rs.16,38,486.00	

*Kalita*  
Executive Engineer  
Tezpur University

*Kalita*  
6-10-2021



7	1682/15-02-2017	Construction of 03 Storied Academic Building for Humanities and Social Science Department .	Rs.81,90,162.91 (Only fitting and fixing of LED Lights.)	Total Bill Value Rs.39,60,82,785.00 including Civil and Electrical works.
8	1188/24-10-2018	Replacement of Conventional Light into LED Lights in Student Activity Centre and improvement of Lights in Swimming Pool.	Rs.2,01,440.00	

*Arzwan*  
Executive Engineer  
Tezpur University

*G. Karthik*  
6-10-2021  
सहायक अभियंता (विद्युत)  
तेजपुर विश्वविद्यालय  
Assistant Engineer (Elect)  
Tezpur University



Bill for work done) 1) Replacement of CFL 1 L  
 Replacement of HPSV 51 nos. Right side of LED  
 Commence work..... 20/11/16  
 of work..... 18/11/16

Value 785.00 and

Suppliers Sub-heads (estimate)	Reference to recorded measurements and date			Quantity	Rate		Unit	Amount		Total amount payable to the contractor or supplier	Payee's acknowledgment with date	Dated Signature of witness	Dated certifi- disburseme		
	Book No.	Page No.	Date		Rs.	P.		Rs.	P.					Signature in figures	In words
1) LED				14	9275	00	NDS	1,29,875	00						
2) CFL				14	190	00	"	2,660	00						
3) Supply & laying 1.5 30 mm Copper wire				01	2300	00	COI	2300	00						
4) Supply & laying of PVC/KLPE Cable				25	280	00	RM	7,000	00						
5) 10 30 mm 3 core Cable				275	250	00	"	68,750	00						
6) 159 x 119 x 70 SIRAF of Junction Box				07	1300	00	NDS	9,100	00						
7) 124 x 119 x 70 SIRAF of SPNCL				01	1300	00	"	1,300	00						
8) Supply & laying of 8 30 mm 3 core Cable				08	500	00	"	4,000	00						
9) Supply & laying of LED street light fittings				309	100	00	RM	30,900	00						
10) Fabrication of 20' x 10' x 8' Pole				08	1700	00	Each	13,600	00						
11) Fabrication of 20' x 10' x 8' Pole				08	1000	00	"	8,000	00						

HB No. 1026  
P- 28 to 37  
18/11/16

Rs. 3,99,860/-  
Rupees Three Lacs Ninety Nine Thousand Eight Hundred Sixty only

Total Rs. - 3,99,860/-

Dated: \_\_\_\_\_ Subdivisional Officer \_\_\_\_\_  
 Pay Rs. \_\_\_\_\_ Executive Engineer \_\_\_\_\_  
 Dated: \_\_\_\_\_ Signature \_\_\_\_\_  
 Subdivisional Rank \_\_\_\_\_  
 Officer preparing the bill \_\_\_\_\_  
 Executive Engineer \_\_\_\_\_  
 Tezpur University \_\_\_\_\_  
 Officer authorizing p. \_\_\_\_\_  
 Tezpur University \_\_\_\_\_

In the case of Payments to Suppliers a red ink entry should be made across the page, above the entries relating there to in one of the following form applicable to the case :-  
 \*Stock\* (2) \*Purchases for Stock\* (3) \*Purchases for direct issue to work ..... (4) \*Purchases for the work..... Issue to Contracto.....  
 In the case of works the accounts of which are kept by sub-heads the amount relating to all items of work falling under the same "Sub-heads" should be totaled in red ink.  
 Payment should be attested by some known person when the payee's acknowledgment is given by a mark, seal or thumb impression.  
 The person actually making the payment should initial (and date) in this column against each payment.  
 The signature is necessary only, when the officer authorising payment is not officer who prepares the bill.

**TEZPUR UNIVERSITY**  
(A CENTRAL UNIVERSITY ESTABLISHED BY AN ACT OF PARLIAMENT)  
Engineering Cell

**FORM FOR JOB COMPLETION CERTIFICATE.**

NAME OF WORK :- *1) Replacement of 220V CBL Post to 1000 kVA transformer and  
in the approach road of CML 2) Renovation & replacement of HPSV in the  
the main gate of ATU.*  
WORK ORDER REFERENCE NO. :- *E.I.B-123(Vol-111)/IT(EC)/ITP dt. 20*

Certified that the work has been completed and no defects are apparent and the Contractor has removed all scaffoldings, surplus materials, rubbish, etc. from all premises on which the work was being executed, cleared all the dirt from all other parts of the Structures in and upon or about which the work was being executed, or on which he had possession for the purpose of execution thereof. The particulars of the work are mentioned below :-

Sl No.	Parameter	As per Work-order	Actual	Reasons, if relevant.
1.00	Date of Commencement	<i>within 7 days</i>	<i>22/10/16</i>	
2.00	Date of Completion	<i>As per contract</i>		
3.00	Actual date of Completion		<i>18/11/16</i>	
4.00	Value of Work Order	<i>Rs. 2,79,221/-</i>	<i>6</i>	
5.00	Actual value on completion		<i>Rs. 2,79,260/-</i>	

*[Signature]*  
Signature of Site Incharge  
With designation **Junior Engineer (E)**  
**Tezpur University**

COUNTERSIGNED BY :-

*[Signature]*  
University Engineer  
Executive Tezpur University

To,  
M/S *[Signature]*  
Contractor, Tezpur University.

- Copy to :-
- 1). The Registrar, Tezpur University for kind information.
  - 2). The Finance Officer, Tezpur University for kind information.
  - 3). Concerned Site Incharge.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

case of bills for work done) Replacement of existing 70W and 150W HPSV street lights  
to commence work - 7/2/17 Cable at Junction Box in the main ring road at T.O. Junction  
pletion of - 23/3/17

Items of work of suppliers (grouped under "sub heads" and "sub-works" of estimate)	Reference to recorded measurements and date			Qty	Rate	Unit	Amount		Total amount payable to the contractor or supplier		Payee's acknowledged with date	Date Signature of witness	Date certificate of completion
	Book No	Page	Date				Rs.	P.	Rs.	P.			
1. SITE of PDC Altering with 360° natural air flow cooling fan high luminous with long life of 50K @ L70.1-PV-100 of following voltage				63	9425	00	600	593775	00				
(a) 55W/60K, 0.278A of PC > 0.90 5700K (Phillips)													
2. SITE of outdoor cable junction box on existing pole with drop net built i/c all accessories.				63	2572	00	"	162036	00				
(a) Cable size 16/35 Gmm box of size 10" x 8" x 8" size				63	184	00	"	11592	00				
3. SITE of 10KA 24/415V, SOLID MIB of following capacity													
(a) 6-32A SP MCB (3 poles)													
5. Supply and laying of PVC/LPE insulated 11KV grade aluminium conductors				594	276	00	RM	163944	00				
(a) 63mm <sup>2</sup> aluminium UG cable				1278	287	00	"	369572	50				
(b) 103mm <sup>2</sup> 3 Core Armoured UG cable				9025	310	00	"	248775	00				
(c) 163mm <sup>2</sup> 3 Core Armoured UG cable													
6. Supply and laying of PVC/LPE in what of 11KV aluminium grade in pucca flooring, road crossing in pipe				70	770	00	"	53900	00				
(a) 63mm <sup>2</sup> 3 Core Armoured UG cable				119	780	00	"	93820	00				
(b) 103mm <sup>2</sup> 3 Core Armoured UG cable				53	799	00	"	42029	00				
(c) 163mm <sup>2</sup> 3 Core Armoured UG cable				15	8500	00	RM	127500	00				
7. A.I. Earth Station with ground 450 mtr long earth electrode				2927	34	50	RM	100980	50				
8. Supply and laying of 2.5sq copper earth wire				5822	230	00	Sqm	13388	76				
9. Pucca form of ordinary toron plating using 38mm thick plank				6667	4500	00	Cum	30001	50				
10. Prep and laying plain cement concrete work i/c department				58212	130	00	Sqm	7567	50				
(a) M20 grade concrete pro 1:1.5:3													
11. 15mm thick cement plaster in single coat													
(a) in cement mixture 1:3													
12. Finishing old/new wall with latex proofing weather coat exterior painting of A.C.C. and Asian paints				58212	80	00	"	4650	90				
13. Supplying silt and lining pre pipes of 50mm i/c silt and lining				42	470	00	Each	19740	00				
(a) 50mm dia.													
								Total No.					

Rs. 20,42,220.00  
 (Rupees Twenty Lakh Forty Two thousand Two hundred Twenty only)

Sub-divisional Officer \_\_\_\_\_ Signature \_\_\_\_\_ Sub-divisional Rank \_\_\_\_\_  
 Executive Engineer \_\_\_\_\_ Signature \_\_\_\_\_ Divisional Rank \_\_\_\_\_

NOTE :- In the case of payments suppliers a red ink entry should be made cross the pages above the entries relating there to one of the following forms applicable to (1) "Stock" (2) Purchase to stock (3) "Purchases of direct issue to work" (4) Purchase for the work Issue to contractor \_\_\_\_\_ on \_\_\_\_\_

In the case of work the accounts which are kept by sub heads the amounts relating for all time of work falling under the same "sub head" should be totaled in the Payment should be attested by same known person when the payee's acknowledgement is given by a mark, seal or thumb impression. The person-actually making the payment should initial (and date) in this column against each payment. The signature is necessary only, when the Officer authorising payment is not the Officer who prepared bill



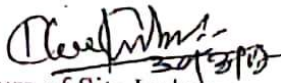
**TEZPUR UNIVERSITY**  
(A CENTRAL UNIVERSITY ESTABLISHED BY AN ACT OF PARLIAMENT).  
Engineering Cell

**FORM FOR JOB COMPLETION CERTIFICATE.**

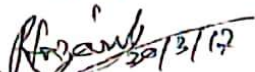
NAME OF WORK :- Replacement of existing 70W 2150W St. Light with LED with 49. cable & Junction Box in maining Road at TU Campus  
WORK ORDER REFERENCE NO. :- R13-12(CVDI-XIII) 97 (CE)/311 dt. 7/2/17

Certified that the work has been completed and no defects are apparent and the Contractor has removed all scaffoldings, surplus materials, rubbish, etc. from all premises on which the work was being executed, cleared all the dirt from all other parts of the Structures in and upon or about which the work was being executed, or on which he had possession for the purpose of execution thereof. The particulars of the work are mentioned below :-

Sl No.	Parameter	As per Work-order	Actual	Reasons, if relevant.
1.00	Date of Commencement	within 7 days	10/2/17	
2.00	Date of Completion	45 days		
3.00	Actual date of Completion		23/3/17	
4.00	Value of Work Order	Rs. 20,83,845/-		
5.00	Actual value on completion		Rs. 20,42,220/-	

  
Signature of Site Incharge  
With designation.

COUNTERSIGNED BY :-

  
University Engineer Executive  
Tezpur University

To,  
M/S Dayashree Electricals  
Contractor, Tezpur University.

- Copy to :-
- 1). The Registrar, Tezpur University for kind information.
  - 2). The Finance Officer, Tezpur University for kind information.
  - 3). Concerned Site Incharge.

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Name of Work (In the case of bills for work done) Reclamation of ... 70W/150N HPSV Street ... with LED ...  
 written order to commence work ... 27.06.18 ...  
 actual completion of work ... 25.8.18 ...

Name of contractor or supplier and reference agreement	Items of work or suppliers (grouped under "sub-heads" and sub-works" of estimate	Reference to recorded measurement and date			Quantity	Rate	Unit	* Amount		Total amount payable to the contractor or supplier		Payee's acknowledgement with date	Dated Signature of witness	Modi cas num
		Book No.	Page No.	Date				Rs.	P.	Rs.	P.			
	1) SIF/T/C of LED with 5860W				56	8892.00	Each	4,97,952.00						
	2) SIF/F of outdoor Cable Junction Box				56	1700.00	"	95,200.00						
	3) SIF/F of MCB				56	195.00	"	10,920.00						
	4) Supply & laying of Cable directly in ground				896	276.00	RM	2,47,296.00						
	a) 6 sq. mm 3 core				1107	287.00	"	3,17,709.00						
	b) 10 " " "				9870	310.00	"	30,597.00						
	c) 16 " " "													
	5) Supply & laying of Cable through G.I. Pipe				80.00	1010.00	"	80,800.00						
	a) 6 sq. mm 3 core				66	1090.00	"	71,280.00						
	b) 10 " " "				25.50	1120.00	"	28,560.00						
	c) 16 " " "													
	Item 6:- SIF/T/C of Cable				08	6500.00	Each	52,000.00						
	Item 7:- Supply & laying of 8 sq. mm copper wire				3116	80.00	RM	2,49,380.00						
	Item 8:- Providing for work				60	340.00	Sq.m	20,400.00						
	Item 9:- Ridge laying PCC work				6	5500.00	Cum	33,000.00						
	Item 10:- 15mm thick Cement plaster				55	160.00	Sq.m	8800.00						
	Item 11:- finishing of new wall with water proofing cement concrete anti fungal acrylic painting				55	80.00	Sq.m	4400.00						
	Item 12:- Supply, fixing of PVC Pipe				37	650.00	No	24,050.00						
								Total Rs. 17,72,244.00						
								Less finally as per L.D clause of Tender Agreement						
								NET Total Rs. 17,43,311.00						

Rs. 17,43,311.00  
Rupees Seventeen Lacs Forty Three thousand Three hundred Eleven only



1026  
46-5  
779719

Dated  
Pay Rs.  
Date

Subdivisional Officer  
Executive Engineer  
Tazpur University

Signature  
Subdivisional Rank  
Signature  
Divisional Rank

Ju  
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Note - In the case of Payments to Suppliers a red ink entry should be made across the page, above the entries relating there to in one of the following (1) "Stock" (2) "Purchase for Stock" (3) Purchases for direct issue to work (4) "Purchases for the work" Issue to C.

1693

FIRST & FINAL BILL

TRIPPLICATE

In the case of bills for work done) Supply, erection, testing and commissioning of High mast light at Botanical Garden  
 order to commence work - F-13-12 (Vol-XII) DT(EE) 222 16th Feb. 2017  
 completion of - 25-03-2017

Items of work of suppliers (grouped under "sub heads" and "sub-works" of estimate)	Reference to recorded measurements and date			Qty	Rate	Unit	Amount		Total amount payable to the contractor or supplier		Payee's acknowledgement with date	Date Signature of witness	Date of payment or the number	
	Book No	Page	Date				Rs.	P.	Rs.	P.				In figures
<b>Part-A</b>														
Item no-1 Supply and erection of 15m high mast light etc. comp't				1	2,10,580	00	Nb	2,10,580	00					
Item no-2 Supply and installation of foundation accessories of High mast				1	4,620	00	Set	4,620	00					
Item no-3 Making suitable foundation of the 15m High mast				1	72,380	00	Nb	72,380	00					
Item no-4 Supply and installation of tower panel with accessories etc. comp't.				1	20,800	00	Set	20,800	00					
Item no-5 Supply and installation of tower Antenna light				1	1,572	00	Set	1,572	00					
Item no-6 Supply and installation of 200w. LED Light etc. comp't				6	46,200	00	Set	2,77,200	00					
Item no-7 Installation of 4.5m long earth station etc. comp't				2	6,960	00	Nb	12,120	00					
Item no-8 Extra for using soft 5KV and clamped 64KV etc				2	1,540	00	Nb	3,080	00					
Item no-9 supplying and laying 255W mm x 205 core Al conductor armoured cable etc. comp't				42	505	00	Rm	41,410	00					
Item no-10 supplying and laying of 255W mm x 3-9 core Al conductor armoured cable Ld:- 67 Pipe				5	952	00	Rm	4,760	00					
			Part 'A'		Total			Rs 6,59,322	00					
<b>Part-B</b>														
Item no-01 supply and erection of 62 street light etc. comp't				6	7700	00	Nb	46,200	00					
Item no-02 supplying and laying of 65W mm x 2 core, Al conductor armoured cable etc. comp't				170	225	00	Rm	65,495	00					
Item no-03 supplying and laying of 8 core 62 wire etc. comp't				130	58	00	Rm	7,540	00					
Item no-04 supply with fitting and fixing of 4 pole - 320 mcg.				1	1688	00	Pc	1688	00					
Item no-05 supply fitting and fixing 25W LED Post top luminaire				6	5785	00	Set	34,710	00					
			Part 'B'		Total			Rs 1,55,580	00					
Part A + Part-B total Rs (6,59,322.00 + 1,55,580.00)									Rs	8,14,902	00			
									Total No.					

(Rs. 8,14,902.00) Rupees eight lakhs fourteen thousand nine hundred and two only.

Date --- Sub-divisional Officer *Rajam* 30/3/17 Executive Engineer Tezpur University  
 Pay Rs. Signature Sub-divisional Rank  
 Dated Executive Engineer Signature Divisional Rank

NOTE :- In the case of payments suppliers a red ink entry should be made cross the pages above the entries relating there to one of the following forms app  
 (1) "Stock" (2) Purchase to stock (3) "Purchases of direct issue to work" (4) Purchase for the work Issue to contractor  
 • In the case of work the accounts which are kept by sub heads the amounts relating for all time of work falling under the same "sub head" should be t  
 • Payment should be attested by same known person when the payee's acknowledgement is given by a mark, seal or thumb impression.  
 • The person-actually making the payment should initial ( and date ) in this column against each payment.  
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**TEZPUR UNIVERSITY**  
 (A CENTRAL UNIVERSITY ESTABLISHED BY AN ACT OF PARLIAMENT).  
Engineering Cell

**FORM FOR JOB COMPLETION CERTIFICATE.**

NAME OF WORK :- Supply erection, testing and commissioning of 110kV in Botanical Grounds, Tezpur University - Nalbari  
 WORK ORDER REFERENCE NO. :- F-13-12(Vol)-XIII) 97(EE) 322 16th Feb. 2017

Certified that the work has been completed and no defects are apparent and the Contractor has removed all scaffoldings, surplus materials, rubbish, etc. from all premises on which the work was being executed, cleared all the dirt from all other parts of the Structures in and upon or about which the work was being executed, or on which he had possession for the purpose of execution thereof. The particulars of the work are mentioned below :-

Sl No.	Parameter	As per Work-order	Actual	Reasons, if relevant.
1.00	Date of Commencement	21-02-2017	20-02-2017	
2.00	Date of Completion	6-4-2017	25-03-2017	
3.00	Actual date of Completion	6-4-2017	25-03-2017	
4.00	Value of Work Order	8,03,800.00	8,14,910.00	
5.00	Actual value on completion		8,14,910.00	

Signature of Site Incharge  
 With designation.

*S. K. Saha*  
 25-03-2017  
 Site Incharge  
 Assistant Engineer (Elect.)  
 Tezpur University

COUNTERSIGNED BY :-

*R. Hazari*  
 University Engineer  
 Executive  
 Executive Engineer  
 Tezpur University

To,  
 M/S Dasthi Enterprises  
 Contractor, Tezpur University.

- Copy to :-
- 1). The Registrar, Tezpur University for kind information.
  - 2). The Finance Officer, Tezpur University for kind information.
  - 3). Concerned Site Incharge.

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Name of Work (in the case of bills for work done) Replacement of existing 125W HPMV Globe light (PTL) with  
250W Globe light at TV Nampalau  
 Date of written order to commence work 08/01/19  
 Date of actual completion of work 22/2/19

Name of contractor or supplier and reference agreement	Items of work or suppliers (grouped under "sub-heads" and sub-works" of estimate	Reference to recorded measurement and date			Quantity	Rate		Unit	* Amount		Total amount payable to the contractor or supplier		Payee's acknowledgment with date	Dated Signature
		Book No.	Page No.	Date		Rs.	P.		Rs.	P.	Figure	In words		
Drishki Enterprises, Gwalahati, Aggr. no. 26/248-19	Item no.1:- Supply & Laying of Cable				890	347	00	RM	308,930	00		Total amount payable to the contractor or supplier Rs. 9,78,316.00	Payee's acknowledgment with date (Rupees Nine Lakh Seventy Eight Thousand Three hundred Sixteen only)	Dated Signature
	2.01) 6 sq. mm 3 core			160	383	00	"	61,280	00					
	100) 10 sq. mm 4 core			18	608	00	"	10,944	00					
	Item no.2:- Supply & Laying of Cable along G.I Pipe			25	644	00	"	16,100	00					
	2.01) 6 sq. mm 3 core			52	167	00	Each	8684	00					
	2.02) 10 " " 4 core			52	2552	00	Each	1,32,704	00					
	Item no.3:- SIFIR of MCB			14	8226	00	"	1,15,964	00					
	3.01) 6-32A 5P MCB			38	6962	00	"	3,64,558	00					
	Item no.4:- SIFIR of outdoor junction Box			118	23	00	RM	25,714	00					
	4.01) 12" x 8" x 8"			05	6728	00	Each	33,640	00					
Item no.5:- SIFIR of 40W LED PTL with momentary effect														
Item no.6:- Supply & Laying of 8 SWG. G.I wire														
Item no.7:- SIFIR Commissioning of G.I meter station														

Dated  
Pay Rs.  
Date

Subdivisional Officer  
Executive Engineer  
22/2/19

Signature  
Subdivisional Rank  
Signature  
Divisional Rank

JUNIC  
TEZP  
01/19

Note - In the case of Payments to Suppliers a red ink entry should be made across the page, above the entries relating there to in one of the following for (1) "Stock" (2) "Purchase for Stock" (3) Purchases for direct issue to work ..... (4) "Purchases for the work ..... Issue to Contractor on .....

\*In the case of works the accounts of which are kept by sub-heads the amount relating to all items of work falling under the same "sub-heads" should be totaled in red ink.  
 \* Payment should be attested by some known person when the payee's acknowledgment is given by a mark, seal or thumb impression.  
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**TEZPUR UNIVERSITY**  
 (A CENTRAL UNIVERSITY ESTABLISHED BY AN ACT OF PARLIAMENT).  
Engineering Cell

**FORM FOR JOB COMPLETION CERTIFICATE.**

NAME OF WORK :- Replacement of existing 125w HPMV Globe light (of  
Laundry) in Guest House, VC's residence & Chhideran Park at  
 WORK ORDER REFERENCE NO. :- F 13 - 12 (101-xii)/97 (5C)/641 Dtd. 03/31

Certified that the work has been completed and no defects are apparent and the Contractor has removed all scaffoldings, surplus materials, rubbish, etc. from all premises on which the work was being executed, cleared all the dirt from all other parts of the Structures in and upon or about which the work was being executed, or on which he had possession for the purpose of execution thereof. The particulars of the work are mentioned below :-

Sl No.	Parameter	As per Work-order	Actual	Reasons, if relevant.
1.00	Date of Commencement	within 2 days	10/3/19	
2.00	Date of Completion	within 15 days		
3.00	Actual date of Completion		22/3/19	
4.00	Value of Work Order	Rs. 9,79,851/-	Rs. 9,78,316/-	
5.00	Actual value on completion		Rs. 9,78,316/-	

Signature [Signature]  
 With designation Site Incharge  
 NAPAAM : 784023

COUNTERSIGNED BY :-

[Signature]  
 University Engineer  
 Executive Engineer  
 Tezpur University

To,  
 M/S Drishhi Enterprises  
 Contractor, Tezpur University.

- Copy to :-
- 1). The Registrar, Tezpur University for kind information.
  - 2). The Finance Officer, Tezpur University for kind information.
  - 3). Concerned Site Incharge.

XX

**Organisation Details**

Type: Statutory bodies  
Ministry: Ministry of Human Resource Development  
Department: Department of Higher Education  
Organisation Name: Tezpur University  
Office Zone: Tezpur

**Buyer Details**

Designation: Section Officer SNP  
Contact No.: 03712-273114-3114  
Email ID: buycon36.tu.as@gembuyer.in  
GSTIN: 18AAAJT2654F1Z1  
Address: Post Office - Napaam,  
SONITPUR, ASSAM-784028, India

**Financial Approval Detail**

IFD Concurrence: No  
Designation of Administrative Approval: Deputy Registrar (Finance)  
Designation of Financial Approval: Finance Officer

**Paying Authority Details**

Payment Mode: Offline  
Designation: Deputy Registrar Finance1  
Email ID: pay1.tezuv.assam@gembuyer.in  
GSTIN: 18AAAJT2654F1Z1  
Address: Post Office - Napaam,  
SONITPUR, ASSAM-784028, India

**Seller Details**

GeM Seller ID: D3F7180000114016  
Company Name: MAHALAXMI TRADERS  
Contact No.: 09435738311  
Email ID: mahalaxmi.tezpur@gmail.com  
Address: B. B. COMPLEX,C/O. UNIVERSAL TRADERS,N. B. ROAD,TEZPUR,  
TEZPUR,SONITPUR, ASSAM-784001, -  
MSME verified: No  
GSTIN: 18AGFPC6152Q1Z1, 18AGFPC6152Q1Z1

\*GST / Tax invoice to be raised in the name of - Buyer

**Product Details**

#	Item Description	Category Name	Model	HSN Code	Ordered Quantity	Unit	Price (Inclusive of all Duties and Taxes in INR)
1	Product Name : Light Emitting Diode LED Fixture- LED tube light Brand : Crompton Greaves Brand Type : Registered Brand Catalogue Status : Catalogue not verified by OEM Selling As : OEM verified Reseller	Light Emitting Diode LED Fixture- LED tube light	IGP162LT8-16 BATTEN CROMPTON	9405	807	pieces	457,569
2	Product Name : LED Luminaire (Recessed Luminaire) Brand : crompton Brand Type : Registered Brand Catalogue Status : Catalogue not verified by OEM Selling As : Reseller not verified by OEM	Led Luminaire (Recessed Luminaire)-IS:16108,IS:15885,IS:10322,IS: 16103	LCDSPLN-S-18-CDL SURFACE LED PANEL LIGHT	9405	807	pieces	457,569
3	Product Name : Light Emitting Diode LED Fixture- LED tube light Brand : Crompton Greaves Brand Type : Registered Brand Catalogue Status : Catalogue not verified by OEM Selling As : OEM verified Reseller	Light Emitting Diode LED Fixture- LED tube light	MODEL- LTT8-20 TUBE CROMPTON GREAVES INBUILT DRIVER	9405	387	pieces	702,405
	Product Name : PVC Copper Cable, Single Core, Unsheathed cables with						

Flexible conductor as per IS:694  
Brand : HAVELLS STANDARD  
Brand Type : Registered Brand

4

PVC Copper Cable, Single Core,  
Unsheathed cables with Flexible  
conductor as per IS:694

havells standard 1.5 sq mm  
pvc copper wire

8544

1,170

meter 2C

the Stat  
M  
19 As  
rden



atalogue Status : Catalogue not verified

OEM

illing As : Reseller not verified by OEM

Order Value (in INR)

1,638,486

**Consignee Detail**

S.No	Consignee	Item	Lot No.	Quantity	Delivery Start After	Delivery To Be Completed By
1	Designation: - Email ID: buycon36.tu.as@gembuyer.in Contact: 03712-273114-3114 GSTIN: 18AAAJT2654F1Z1 Address: Post Office - Napaam, SONITPUR, ASSAM-784028, India	Light Emitting Diode LED Fixture- LED tube light	-	807	23-Feb-2021	25-Mar-2021
		LED Luminaire (Recessed Luminaire)	-	807	23-Feb-2021	25-Mar-2021
		Light Emitting Diode LED Fixture- LED tube light	-	387	23-Feb-2021	25-Mar-2021
		PVC Copper Cable, Single Core, Unsheathed cables with Flexible conductor as per IS:694	-	1,170	23-Feb-2021	25-Mar-2021

**Product Specification for Light Emitting Diode LED Fixture- LED tube light**

Specification	Sub-Spec	Value
GENERIC	LED tube light power rating corresponding Min Luminous flux	18 Watt/1800 lumen
	Colour Temperature (K)	4000
	Warranty for free replacement (Years)	2 years
CONSTRUCTIONAL	Type of Tube Light Cap	G-5 Bi-pin
	Ingress Protection In IP	IP 20
	Lamp Shell material	Polycarbonate
	LED Fixture With Al back, front with polycarbonate/Acrylic diffuser more than 85%efficiency of Ilg	With
	Light Source	SMD LED Chip
	LED Make	CROMPTON
	Length of tube light (Nominal) (in mm)	1220
FUNCTIONAL	LED lamp efficacy (Lm/W)	100
	Colour Rendering Inde (CRI)	> / = 80
	Total Harmonics (%)	< / = 15%
	LED Tubelight Life of 25000 hours predicted as per TM21 Report on Data obtained as per test conducted for 6000 hours as per LM80	Yes
	Temperature Cycling test and supply voltage switching test (1) product shall be subjected to minus 10 degree C for 1 hour then switch to 50 degree C for 1 hour in total 5 cycles (2)30 sec ON and 30 sec Off At the end of test as per (1) and (2) no visual damage shall be observed and light should alight for more than 15 min after the test	Yes
	Beam Angle (Degree)	> / = 120 degree
	Operating Voltage range (Volt)	100-300
	Driver Efficiency (%)	more than 85%
	Surge Voltage withstand (KV)	2.5 KV
	LED Chip Efficacy (Lm/W)	130
Rated Voltage for Performance and life (Volt)	220-240	
Lumen Maintenance at 25 deg.C after 6000 hrs (%)	80%	



	LED Chip Wattage (Individual) (Watt)	0.25
	Power Factor	> / = 0.8
CERTIFICATIONS	BIS Registration certificate under (CRS) number and date	B-528974
	Certificate for Luminaire photometric data as per LM79	Yes
	Certificate No and Date of Luminaire photometric data as per LM 79 report	CRM/2 24/2/18
	Compulsory Registration and CRS of BIS for safety to IS 10322 Pt 5 Sec 1 2012	Yes
	EMC Test	Yes

**Buyer Defined Additional Specification for Light Emitting Diode LED Fixture- LED tube light**

Specification	Value
Advance sample is required before last date of submission of bid of reputed brands.	Installation of the items is must.

**Product Specification for LED Luminaire (Recessed Luminaire)**

Specification	Sub-Spec	Value
STANDARDS	Conformity to Indian Standard	IS:10322/part 5/sec-2/2012 and IS 16107 (Part 2/Sec 1) : 2012 for Recess type
	Photo biological safety of LEDs used shall be as per IS:16108/2012 (exempt group)	Yes
	DC or AC supplied electronic control gear for LED Module shall comply as per IS:15885 (Part 2/Sec.13)	Yes
	Luminaire Class (as per Cl. 2.1 Section 2 of IS: 10322 (Part-1))	Class I
	Types of LED Modules as per the IS: 16103(Part-2)/2012	Type 3
	Rating of Recess type LED Luminaire/System Wattage/Rated Power	18W
	Light Intensity(System Lumens) 80 Lm/Watt for 3000 deg K, 90 Lm/Watt for 4000 deg K, 100 Lm/Watt for 6000 deg K	Yes
	Color temperature (+/- 500 K)	4000 deg K
	Type of fixture (in feet)	1x1 (for 18W to 28W)
CONSTRUCTIONAL	Ingress Protection (IP Rating) as per IS:10322 (Part 1):1982 latest (Minimum)	IP20
	Mounting type	Recess type
	Diffuser material	Poly carbonate (UV stabilised)
	The luminaire body must be corrosion resistant epoxy powder coated / anodizing	Yes
	All fastners must be of nickel/chrome plated	Yes
	Number of electronic control gear (power supplies)	1
	Light Source	SMD LED Chip as per LM 80/IS16106
	Warranty for free replacement	2 Years
ELECTRICAL EFFICIENCY MANAGEMENT	Operating Voltage and frequency range	140V to 280 V at 50 Hz AC
	Rated voltage	230 V AC 50 Hz
	AC Power Factor	≥ 0.90
	Driver Efficiency	≥ 85
	Total Harmonics Distortion ( ? 20% (for upto 20W) (<=10% (for above 20W)	Yes



OPTICAL MANAGEMENT	The total circuit power shall not be more than 110 percent of the value declared by the manufacturer (as per Cl 8 of IS:16104:2012 lates)	Yes
	LED chip Efficacy (7130 Lm/Watt for 6000 deg K, >=120 Lm/Watt for 4000 deg K, >=110 Lm/Watt for 3000 deg K)	Yes
	Working life for LED : (Minimum 50,000 burning hours as per LM-80 report)	Yes
	Colour Rendering Index(CRI)	780
	Beam Angle	7120
	Reflector type	Diffuser
THERMAL MANAGEMENT	Fixture / Luminaire should be die-cast aluminium /CRCA/Extruded aluminium	Yes
	Capacitor shall be rated for a temperature of 105 deg. celsius or better	Yes
	Junction temperature / soldering temperature	< 85 deg C
	Operating temperature range	-10 deg. C to +50 deg. C
	Humidity Range	10 % to 95% RH
PROTECTION	Short circuit Protection	Yes
	Over load protecton	Yes
	High voltage test (1.5 KV for one minute between supply terminals and body of the unit)	Yes
	Insulation resistance between earth and current carrying part	>100 M ohm
	The luminaire shall be protected against surges and transients of >=2.5 KV	Yes
MARKING	Manufactures Name and brand shall available on the body of the Luminaire	Engraved/Embsseed
	Each LED liminaire shall have the manufacturer's name, model number, serial number, date of manufacture (month-year), and lot number as Identification mark inside each unit and the outside of each packaging box	Yes
	The operation characteristics such as rated voltage and rated power in watts shall be marked inside each LED luminaire unit	Yes
REPORTS AND CERTIFICATIONS	LM 79 (Photometry) (Ref.IS:16106:2012) report from Central Government LAB /NABL/ILAC accredited lab. Reports shall be furnish to the buyer on demand (LM-79 report shall have total lumen output, power, PF, Current in Amps, CRI & CCT etc..)	Yes
	LM 80 & TM21(Ref. IS:16105:2012) Report and Photo biological report for LED report from Central Government Lab /NABL/ILAC accredited lab. Reports shall be furnish to the buyer on demand (LM-80 report shall have the Photo Biological report of the LED	Yes
	Availability of test Report from Central Government Lab /NABL/ILAC accredited lab to Indian Standrad IS:10322/part 5/sec-2/2012 and IS 16107 (Part 2/Sec 1) : 2012	Yes
	Seller has to furnish Type test report to the buyer on demand	Yes
	DC or AC supplied electronic control gear for LED Module shall comply as per IS:15885 (Part 2/Sec.13)	Yes

0.25  
 > I = 0.8  
 B-528574  
 Yes  
 M2  
 18

LED Luminaire for recess type shall comply with Compulsory Registration(CRS) of BIS for safety as per IS 10322 (Part 5/Section 2): 2012 as applicable on date

Yes

LED Make

EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / SEOUL / SAMSUNG / OSRAM / REFOND / NICHIA / CREE / LUMILEDS / PHILIPS / SYSKA / LUMENMAX, Other than EVERLIGHT / EDISON / BRIDGELUX / NATIONSTAR / SEOUL / SAMSUNG / OSRAM / REFOND / NICHIA / CREE / LUMILEDS / PHILIPS / SYSKA / LUMENMAX

**Buyer Defined Additional Specification for LED Luminaire (Recessed Luminaire)**

Specification	Value
Advance sample is required before last date of submission of bid of reputed brands.	Installation is a must

**Product Specification for Light Emitting Diode LED Fixture- LED tube light**

Specification	Sub-Spec	Value
GENERIC	Led tube light power rating corresponding Min Luminous flux	20 Watt/2000 lumen
	Colour Temperature (K)	4000
	Warranty for free replacement (Years)	2 years
CONSTRUCTIONAL	Type of Tube Light Cap	G-13 BI-pln
	Ingress Protection In IP	IP 20
	Lamp Shell material	Polycarbonate
	LED Fixture With Al back, front with polycarbonate/Acrylic diffuser more than 85%efficiency of lig	Yes with LED Fixture with Al. back, front with poly carbonate milky diffuser
	Light Source	SMD LED Chip
	LED Make	CROMPTON
	Length of tube light (Nominal) (in mm)	1220
FUNCTIONAL	LED lamp efficacy (Lm/W)	100
	Colour Rendering Inde (CRI)	> / = 70
	Total Harmonics (%)	< / = 20%
	LED Tubelight Life of 25000 hours predicted as per TM21 Report on Data obtained as per test conducted for 6000 hours as per LM80	Yes
	Temperature Cycling test and supply voltage switching test (1) product shall be subjected to minus 10 degree C for 1 hour then switch to 50 degree C for 1 hour in total 5 cycles (2)30 sec ON and 30 sec Off At the end of test as per (1) and (2) no visual damage shall be observed and light should alight for more than 15 min after the test	Yes
	Beam Angle (Degree)	> / = 120 degree
	Operating Voltage range (Volt)	100-300
	Driver Efficiency (%)	more than 85%
	Surge Voltage withstand (KV)	2.5 KV
	LED Chip Efficacy (Lm/W)	130
	Rated Voltage for Performance and life (Volt)	220-240
	Lumen Maintenance at 25 deg:C after 6000 hrs (%)	80%
	LED Chip Wattage (Individual) (Watt)	0.25
Power Factor	> / = 0.9	
BIS Registration certificate under (CRS) number and date		R-71001910



Certificate for Luminaire photometric data as per LM79	Yes
Certificate No and Date of Luminaire photometric data as per LM 79 report	T6351dt 27.09.2017
Compulsory Registration and CRS of BIS for safety to IS 10322 Pt 5 Sec 1 2012	Yes
EMC Test	Yes

**Defined Additional Specification for Light Emitting Diode LED Fixture- LED tube light**

Value
Installation of the Items is must

Product Specification for PVC Copper Cable, Single Core, Unsheathed cables with Flexible conductor as per IS:694

Specification	Sub-Spec	Value
GENERIC	Governing Specification	as per IS: 694: 2010 latest
	ISI Marked	Yes
	BIS License Number (CM/L Number) - Must declare	8158075
	Category of Cable	FR
	Type of Insulation (shall conforming to IS:5831:1984 latest)	Type C (HR)
	No. of core	Single
	Conductor material as per Cl.4.1 of IS:694:2010 (Complying with IS:8130:1984 latest)	Plain Copper
	Nominal Cross Sectional Area of Conductor (in Sq.mm)	1.5
	Cable packing and marking	as per Cl. 15 of IS:694:2010 latest
	CERTIFICATIONS	Availability of Type test report from Central government/NABL/ILAC accredited laboratory to prove conformity to the specification
Test report number - Must declare		2567
Report date - Must declare		2017
Name of lab - Must declare		Havells India Ltd.
Address of lab - Must declare		New Delhi
All the test reports and certificates shall furnish by the supplier to the buyer/consignee on demand		Yes

**Terms and Conditions**

**1. Special terms and conditions**

1.1 LED Tube Light with Fixture includes its complete fittings

**2. General Terms and Conditions**

2.1 This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

2.2 Terms of delivery: Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other services in the scope of supply (as indicated in respective product category specification / STC / ATC), and the cost of the same is also included in the Contract price.

2.2.1 Contracted goods should be delivered at the consignee or designated delivery location as per the working time of the buying organisation. Seller may get the same confirmed from consignee before scheduling delivery.

2.2.2 A copy of the contract should be available with the messenger / dispatching agency that delivers the Goods at consignee / delivery location (preferably pasted / attached outside the consignment / package) for easy reference and ease in delivery acceptance.

2.3 Delivery period: The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto

shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.

**2.4 Performance Security:** If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.

**2.5 Taxes and Duties:** Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.

**2.6 Octroi Duty and / or other local taxes:** Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).

**2.7 Limitation of Liability:** The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.

**2.8 Resolution of disputes:** The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.

**2.9 Liquidated Damages:** If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

**2.10 Financial Certificate:**

**2.10.1** The expenditure involved for this purpose has received the Sanction of the competent financial authority.

**2.10.2** The funds are available under the proper head in the sanction budget allotment for the concern financial year.

**2.10.3** I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.

**2.11** The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

**3. Additional Terms and conditions**

**3.1** Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

Bill No - 1682

TEZPUR UNIVERSITY  
(A CENTRAL UNIVERSITY ESTABLISHED BY AN ACT OF PARLIAMENT).  
Engineering Cell

FORM FOR JOB COMPLETION CERTIFICATE.

NAME OF WORK :- *c/o of 3-storied Academic Bldg. for H.S.S. Complex*

WORK ORDER REFERENCE NO. :- *F.13-12(VOI-X)/07(EC)/222 dt. 28-9-2012*

Certified that the work has been completed and no defects are apparent and the Contractor has removed all scaffoldings, surplus materials, rubbish, etc. from all premises on which the work was being executed, cleared all the dirt from all other parts of the Structures in and upon or about which the work was being executed, or on which he had possession for the purpose of execution thereof. The particulars of the work are mentioned below :-

Sl No.	Parameter	As per Work-order	Actual	Reasons, if relevant.
1.00	Date of Commencement	10-10-12	10-10-2012	
2.00	Date of Completion	10-10-2014	-	
3.00	Actual date of Completion	-	10-11-2015	
4.00	Value of Work Order	45,98,58,509/-	-	
5.00	Actual value on completion	-	39,60,82,789/-	

*(Signature)*

Signature of Site Incharge  
With designation.

COUNTERSIGNED BY :-

*(Signature)*  
Executive Engineer  
University Engineering  
Tezpur University

To,  
M/S *Hi-Tech Construction*  
Contractor, Tezpur University.

- Copy to :-
- 1). The Registrar, Tezpur University for kind information.
  - 2). The Finance Officer, Tezpur University for kind information.
  - 3). Concerned Site Incharge.

XX

*o/c*

Form No. 25  
to be made on Form No. 25 'A' Schedule (III-I)

**RUNNING ACCOUNT BILL - C**  
( See Final Rule 505 )

( For Contractors & Suppliers this form provides only for  
payment for works on supplied actually measured )

Date-

Supplier- M/s Hi-Tech construction.  
Construction of 3-Storeyed Accademic building for Humanities and social science Deptt. (Addendum to work order No.F-13-12(Vol-12 for construction of RCC school building for Kendriya vidyalaya (G.F & F.F) at Tezpur University campus.)  
12th & Final Bill  
Last bill for this work-11th R/A  
Reference: F-13-12(Vol. - X)/97 (EC)/222 dt. 28.09.12

I-Account of work done or supplies made

Quantity (or measured or estimated) as per Bill	Name of work or supplies (grouped under 'sub-head' and 'sub-works' of estimate)	Rate	Amount		Remarks
			Upto date	Since previous bill total for each sub-head	
2	3	4	5	6	7
		Rs.	Rs.	Rs.	P
	Cost of civil work :-				
	Item No. 1/1 - earth work in excavation for foundation trenches for walls,retaining wall,footings for column, steps... (A) Up to a depth of 2m below the existing G.L. 4515.98 (a) In ordinary soil	63.31	285906.69		
	Item No. 2/2 - Earth/Sand filling in plinth in layers not more then 150mm thick..... 9646.46 (a) With rever sand or silt (Predominently non-plastic) by truck carriage.....	258.11	2489847.79		
Cum	Item No. 3/3 - Plain cement concrete works with coarse aggregate of size 13mm to 32mm in foundation bed. 165.59 (a) In proportion 1:3:6	4840.78	801584.76		
Sqm	Item No. 4/5 - Providing and laying 25mm thick damp proof course with cement concrete in prop.-1: 1.5 : 3	162.66	20615.53		
Cum	Item No. 5/6- Providing and laying Reinforced cement concrete works ..... (A) In Sub structure Up to Plinth Level. 3727.89 (a) Foundation ,Footing,Columns with base tie (c) M25 grade concrete	6104.06	22755264.23		
Cum	(B) Super structure from Plinth level up to F.F level 6622.21 (ii) Columns,pillers,posts,struts,suspended floor etc.	6342.69	42002625.14		
Sqm	Item No. 6/7(a) - Part C - Providing polished gems concrete tiles of approved quality , size, shape of specified thickness 1149.49	1041.44	1197124.87		
Cum	Item No. 7/9 - Extra for each subsiequent floor above the 1st floor level 4816.85	284.41	1369960.31		
sqm	Item No8/10 - Providing formwork of ordinary timber planking so as to give a rough finish..... (b) Sides of tie beams,grade beams etc. 4627.36 (ii) Using 25mm thick plank	199.49	923112.05		
sqm	(c) Columns, pillars, posts & struts.... 121.82 i) Circular or curved in plan ( using 38mm thick plank)	324.53	39534.24		
sqm	(e) Extra for each subsequent floor or part thereof ..... 2079.76	20.81	43279.81		
Sqm	Item No.9/11 - Providing form work of 12mm thick plywood board so as to give a rough finish..... 11951.45 (a) Columns,pillers,post and struts.....	194.80	2328142.46		
Sqm	(b) Sides and soffits of beams,hunchings,cantilevers,girders etc. 23528.76 (i) For depth not exceeding 1.00m	99.35	2337582.31		
	<b>Carried over</b>		<b>76594580.19</b>		

If the outlay on the work is recorded by sub-head the total for each sub-head be should be shown in column 5 and against this total should be an entry in column 6 also. There other case should entries he made in column 6.  
The full name of the work as given in the estimate should be entered here except in the case of bills for 'Stock' made. The purpose of supply application to toe case should be filled in and the rest scored our.



Unit	Quantity executed (or)	Name of work or supplies (grouped under 'sub-head' and 'sub-works' of estimate)	Rate	Amount			Rema
				Upto date	Since previous bill		
1	2	3	4	5	6	7	
			Rs.	Rs.	Rs.	P	
			B/F=	374387061.16			
Nos.	3.00	9.8.1) 500 + 500W (1000W) PA multi-channel mixer amplifier, with at least 3 balanced microphone inputs, and 2 auxiliary inputs for CD-player / MP-3 player.					
Nos.	1.00	9.8.2) Gooseneck dynamic microphone, suitable for desktop use with press-to-talk switch and chime facility	65000.00	195000.00			
Nos.	473.00	9.8.3) 6.0 W full range ceiling speakers, with line matching transformer, suitable for recessmounting, complete with mounting trim and grill.	23500.00	23500.00			
Rm.	5069.50	9.8.4) twin-twisted pair annealed tinned copper 1.5sqmm speaker cable....	600.00	283800.00			
		Item No.179/10.1 - Supplying, installing, testing and commissioning of the following types of analogue CCD cameras complete with power supplies...	45.00	228127.50			
Nos.	43.00	10.1.1) 1/4" CCD colour flexidome cameras with standard resolution TVL lines with 2.1/6 mm...	7500.00	322500.00			
Nos.	3.00	Item No.180/10.2 - Supply of embeded 320 GB DVR with MPEG 4 recording, with active view or recorded video at 400 fps of CIL, 2 CIF and 4 CIF resolution...	45000.00	135000.00			
Nos.	1.00	Item No.181/10.3 - Supply, installing, testing, connecting and commissioning of 17" LCD monitor for multi screen viewing.....	11000.00	11000.00			
		Item No.182/10.4 - Supply, erection, testing, connection and commissioning of the following types of cable for CCTV system.					
Rm.	3214.10	10.4.1) 4 - core D.6 sq.mm standard sheathed control and power supply cable (suitable for signal and power)	55.00	176775.50			
Each	770.00	Item No. 183/1 (New) - Supplying installation testing and commissioning of Bajaj make LED Lumineries. Cat No. BCLSB 18 WH	3892.07	2996893.90			
Each	686.00	Item No. 184/3 (New) - Supplying installation testing and commissioning of Bajaj make LED Lumineries. Cat No. BGSLO sleek surface 8/15 WHSQ	3707.72	2543495.92			
Each	127.00	Item No. 185/5(New) - Supplying installation testing and commissioning of Bajaj make LED Lumineries BZSLOD 15w WH	3062.52	388940.04			
Each	268.00	Item No. 186/7 (New) - Supplying installation testing and commissioning of Bajaj make LED Lumineries. Cat No BCTBLR 18 ZT NW	6104.21	1635928.28			
Each	153.00	Item No. 187/9 (New) - Supplying installation testing and commissioning of Bajaj make LED Lumineries. Cat No. BGSLO sleek 15 WH SQ	3154.69	482667.57			
Nos	14.00	Item No. 188/11 (New) - Supplying installation testing and commissioning of Bajaj make LED Lumineries. 36w light. (Cat No. BZR 50L 36w GIII WH)	10159.80	142237.20			
		Item No. 189/APWD-67 - Wiring for circuit wiring with insulated unsheathed 1.1KV grade..					
Rm.	11282.83	a) With 2x1.5 Sqmm PVC insulated single core copper conductor cable	84.68	955430.04			
Nos.	1420.00	Item No. 190/APWD-100 - Wiring for light point/fan point/ call bell point with 3x1.5 Sqmm insulated HFFR copper conductor cable...	1830.29	2599011.80			
		d) Extra long point up to 15m length.					
		Carried over		387507368.91			

Rs 81,90,162.51

COST OF LED LIGHTS IN MASS BUILDING

If the outlay on the work is recorded by sub-head the total for each sub-head be should be shown in column 5 and against this total should be an entry in column 6 also. There other case should entries be made in column 6. The full name of the work as given in the estimate should be entered here except in the case of bills for 'Stock' made. The purpose of supply application to the case should be filled in and the rest scored our.

LED Lights part of Bill

Handwritten notes and stamps, including a date stamp '20-10-21' and a signature.



Rate	Amount		Remarks
	Upto date	Since previous bill	
	5	6	
Rs	Rs.	P	7
B/F=	390861256.27		
675.00	81000.00		
77.53	1540528.85		
1800000.00	3600000.00		
<b>Total Rs.=</b>	<b>396082785.13</b>		
Total value of work done or supplies made to date			396082785.00
Deduct value of work or supplies shown on previous bill			Less vide 11th R/A Rs = -371803184.00
Net value of work or supplies since previous bill			Net 24279601.00
Figure (F) in words. Two Crore Forty-Two lakhs Seventy-Nine thousand Six hundred One only.			

II - Certificate and Signature

The measurement were made by on and are recorded to page of measurement book No. no advance payment has been made previously without detailed measurement. MB. No. 879,1037,1061,1062,1063,1075,1076,1077,1078,1085,1088,1089,1090,1098.

*[Signature]*  
 Dated signature of officer (Rank)  
 Preparing the bill  
 Thumb impression

*[Signature]*  
 11/1/17

Sub-Division  
 Division

*[Signature]*  
 Date, Signature of Contractor

Dated Signature of Officer  
 authorising payment (Rank)

The signature is necessary only when the officer preparing the bill for the officer who authorise the payment. In such case dated signature are assential.

LAST PART OF BILL



Name of Work (In the case of bills for work done) Replacement of Corralent HPSV/MT lamps  
 Date of written order to commence work..... 13/12/18  
 Date of actual completion of work..... 7/12/18

Name of contractor or supplier and reference agreement	Items of work or suppliers (grouped under "sub-heads" and "sub-works" of estimate)	Reference to recorded measurements and date			Quantity	Rate		Unit	Amount		Total amount payable to the contractor or supplier	Payee's acknowledgement with date	Dated Signature of witness
		Book No.	Page No.	Date		Rs.	P.		Rs.	P.			
Sri Dainath Singh Sri Dainath Singh Sri Dainath Singh Sri Dainath Singh Sri Dainath Singh	1) S.I.T/C of 150W LED light				06	10250	00	NOS	61500	00	Rs. 2,01,440/- Rupees Two Lacs One Thousand Four hundred Forty only		
	2) S.I.T/C of LED in G.P. Pole				06	10250	00	"	61500	00			
	3) Supply & drawing of - 2.5 sq. mm 11KV copper cable				200	98	02	RN	19600	02			
	4) S.I.T/C of 14CB				04	610	02	NOS	2440	02			
	5) S.I.T/C of 80W LED floor light				08	6550	00	NOS	52400	00			
	6) Const. of PCC foundation				05	800	02	NOS	4000	02			
									Total Rs. - 2,01,440/-				

SRI DAINATH SINGH

SRI DAINATH SINGH

Sri Dainath Singh

Dated  
Pay Rs.  
Dated

Subdivisional Officer  
Executive Engineer  
Jawahar University

Note: - In the case of Payments to Suppliers a red ink entry should be made across the page, above the entries relating there to in one of the following (1) "Stock" (2) "Purchases for Stock" (3) "Purchases for direct issue to work" (4) "Purchases for the work"

In the case of works the accounts of which are kept by sub-heads the amount relating to all items of work falling under the same "Sub-heads" should be attested by some known person when the payee's acknowledgment is given by a mark, seal or thumb impression

Payment should be attested by some known person when the payee's acknowledgment is given by a mark, seal or thumb impression

Person actually making the payment should initial (and date) in this column against each payment

Officer authorising payment is not officer who prepares the bill

