

MEGHALAYA POWER DISTRIBUTION CORPORATION LIMITED

**Office of the Assistant Executive Engineer
New Shillong Distribution Sub Division: Shillong**

No.MePDCL/NSDSD/I-12(Est)/DW/2023-24/ **318**

Dated: **19th** December, 2023.

To,

The Executive Engineer,
Shillong East Distribution Division,
MePDCL, Shillong.

Sub:- Revised Estimate due to price escalation for Extension of 11 KV Line and Installation of 11/0.4 KV, 250 KVA Floor Mounted Sub-Station, Fencing of Sub-Station for providing power supply to the premises of ICC Building at Umsawli ,New Shillong under self execution works.


Sir,

With reference to the subject cited above, I have the honour to enclosed herewith the Revised Estimate due to price escalation amounting to **Rs. 23,45,944 .00((Rupees Twenty three lakh Forty Five Thousand Nine Hundred Forty Four) only** for Extension of 11 KV Line and Installation of 11/0.4 KV, 250 KVA Sub-Station, Fencing of Sub-Station for providing power supply to the premises of ICC Building at Umsawli New Shillong under self execution works.

This is for favour of your kind information and necessary action.

Encl:As Stated above.

Yours Faithfully,



Assistant Executive Engineer
New Shillong Distribution Sub-division
MePDCL, Shillong


o/c

Abstract of Estimate for Providing Power Supply To ICCB Building at Umsawli, New Shillong., Under Deposit Work.

Sl.No	Particulars	Amount without GST	GST @ 18%	Amount including GST	Labour Cess @ 1%	Total Amount(Rs)	Supervision charge @7.5 %
1	Extension of 11 KV Line	349685.38	62943.37	412628.75	4126.29	416755.04	24396.65
2	Installation of 11/0.4 KV,250 KVA Substation.	880745.16	158534.13	1039279.28	10392.79	1037366.00	61447.34
3	Installation of HT Metering	157881.90	28418.74	186300.65	1863.01	188163.65	188164.00
4	Fencing of Substation	227889.19	43881.91	271771.10		271771.00	15899.25
5	Rain Shed	15936.62	3068.72	19005.34		19005.00	1111.86
6	Application Fee	200.00	36.00			236.00	
	Total					1933296.69	
	Load Security 175 KVA @2385.00/KVA(BS)					417375.00	417375.00
	Grand Total					2350671.69	708394.10
					Say	2345944.00	708394.00

Estimate amount (Rupees Twenty three lakh Forty Five Thousand Nine Hundred Forty Four)only
Supervision charge amount (Rupees Seven lakh Eight Thousand Three hundred and Ninety Four) only


Junior Engineer
New Shillong (D) Subdivision
MePDCL, Shillong


Assistant Executive Engineer,
New Shillong (D) Sub-division,
MePDCL, Shillong.

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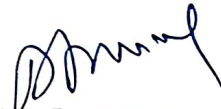
OFFICE OF THE ASSTT. EXECUTIVE ENGINEER, NEW SHILLONG DISTRIBUTION, SUB-DIVISION MePDCL, SHILLONG

LOAD DECLARATION

1	Name of work	Construction of 11/0.4 KV, 250 250 KVA F/M Sub-Station for providing power supply to ICCB Building at Umsawli, New Shillong.
2	Demand Load in KVA	250 KVA
3	Name of Sub-Station with capacity which is the source of supply	132/11KV, 10x2 MVA NEIGRIHMS Sub-Station
4	Peak Load of 132/11 KV Sub-Station	3 MW
5	Present Load clearance available in the 33/11KV Sub-Station	9.2 MVA
6	Remarks	Load can be given from 11KV Tynring Feeder





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New Shillong Distribution Sub-Division
MePDCL, Shillong



Assistant Executive Engineer
New Shillong Distribution Sub-Division
MePDCL, Shillong

p			
	Load Declaration (Whenever applicable)	Enclosed	
A	1	Name of Works	Construction of 11/0.4 KV, 250KVA F/M Sub-Station for providing power supply to ICC building at Umsawli, New Shillong.
	2	Demand (Load) in KVA	250 KVA
	3	Name and Capacity of the source sub-station	11Kv/0.4KV, 250 KVA Tynring Feeder
	4	Load Sanction: Order granting the load sanction	OK
	5	Remarks	Deposit Works
B	Substation		
	1	Pole mounted or Floor mounted	Floor Mounted
	2	No. of outgoing feeders	1 nos
	3	Detailed drawing showing the relevant Civil works	Brick wall fencing with gate
C	H.T Line (as applicable)		
	1	Line length (Circuit Kilometer)	0.3
	2	Nos. of Single Pole Tension point	1
	3	Nos. of Double Pole Tension point	1 Loc (Sub-Station DP)
	4	Nos. of Three Pole Tension point	Nil
	5	Nos. of Four Pole Tension point	Nil
	6	Nos. of Single Pole Pin point	1
	7	Nos. of Double Pole Pin point	Nil
	8	Total Nos. of locations:	2 No (Excluding tapping pt)
	9	Average	40 mts
D	10	Single Line Diagram with Details	enclosed
	LT Line		
	1	Type:	3 phase supply
	2	Line length of each type	0
	3	Nos. and type of location	0
		A. Tension Point	0
	B. Pin Point	0	
	4	Total Nos. of locations:	0
5	average span	0	
6	Single line diagram with relevant details	Enclosed	


 Junior Engineer
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 MePDCL, Shillong


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 New Shillong Distribution Sub-Division
 MePDCL, Shillong

Revised Estimate due to price escalation for Extension of 11 KV Line for providing power supply to ICCC Building at Umsawli, New Shillong, Under Deposit Work.

Line length:0.3Km


Sl.No	Item of Materials	Unit	Qty	Rate	Amount (Rs)
	G.I Pole 12.0(H/D) M long	Nos	1	50052.00	50052.00
1	G.I Pole 12.0 Mtr. Long, N/D.	Nos	2	32690.75	65381.50
2	M.S.Channel Cross arm, 75*40*4.8*2800mm	Nos	2	3004.02	6008.04
3	M.S.Channel Cross arm, 75*40*4.8*2280mm	Nos	2	2476.80	4953.60
2	M.S Channel Cross arm 75*40*4.8*1200mm	Each	2	1312.47	2624.94
5	HT Top Bracket 75*40*4.8*310mm.	Each	2	345.25	690.50
6	Pole Clamp 12.0 (H/D) M (Top)	Nos	2	166.41	332.82
7	11Kv Lightning spike	Nos	3	423.57	1270.71
8	Jam Clamp 12.0m/9.5 mt (Top)	Set	4	364.04	1456.16
9	M.S Nuts & Bolts 5/8"x4"	Kg	8	117.44	939.52
10	G.I earthing pipe 40mm dia	Set	3	504.18	1512.54
11	G.I Wire 8 SWG	Kg	10	115.56	1155.60
12	Danger Plates for 11KV	Nos	2	92.24	184.48
13	Disc insulators 70 KN	Nos	24	830.12	19922.88
14	Hardware Fitting for Raccoon Conductor	Sets	12	712.73	8552.76
15	A.C.S.R. Raccoon Conductor	Km	0.92	91782.75	84440.13
16	HT Stay Set complete,HTL Make	Sets	3	1458.78	4376.34
17	G.I Stay Wire 7/10 SWG	Kg	30	121.91	3657.30
18	Guy Insulator 88 KN	Nos	3	55.08	165.24
19	11Kv Pin Insulators	Nos	9	161.79	1456.11
20	G.I Pin for Pin insulator	Nos	9	126.85	1141.65
21	G.I through N/bolt 5/8x10"	Nos	14	57.08	799.12
22	Cement	Bags	10	500.00	5000.00
23	Sundries (Fabrication Works,Binding Wire, Binding Paints)	L/S			5000.00
A	Total Cost of Materials (GST Exclusive)				271073.94
B	Labour Charge @ 20% of "A"				54214.79
C	Sub-Total of (A+B)				325288.73
D	Supervision charge @ 7.5 % of "C"				24396.65
E	Total (C+D)				349685.38
F	GST @ 18% of "E"				62943.37
G	Sub- Total (E+F)				412628.75
H	Add Labour Cess @ 1 % on 'G'				4126.29
	Grand Total				416755.04
Say					416755.00
(Rupees Four lakh Sixteen Thousand Seven hundred and Fifty Five) only					


Junior Engineer
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MePDCL, Shillong

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Estimate for Construction of Floor Mounted 11/0.4 KV, 250 KVA Substation for providing power supply to ICCB Building at Umsawli, New Shillong, Under Deposit Work.

Sl. No	Item	Unit	Qty	Rate	Amount
1	11/0.4KV, 250 KVA Transformer (BEE Star)	No	1	574738.54	574738.54
2	M.S Channel 75*40*4.8*2800 mm	Nos	6	3004.02	18024.12
3	S.T Pole Clamp, 9.5/ 12.0 M, N/D(i) Top	Nos	4	143.23	572.92
4	S.T Pole Clamp, 9.5/ 12.0 M, N/D(ii) Middle	Nos	7	149.00	1043.00
5	S.T Pole Clamp, 9.5/ 12.0 M, N/D(iii) Bottom	Nos	2	175.83	351.66
6	M.S Nuts & Bolts 5/8"*4"	Kgs	6	117.44	704.64
7	11 KV Pin Insulator	Nos	6	161.79	970.74
8	G.I Pin for 11KV Pin Insulator	Nos	6	126.85	761.10
9	11Kv GO-DO Switch, HTL 200 Amp	sets	1	20102.50	20102.50
10	11Kv Lightning Aresster	Nos	3	752.5	2257.5
11	LT Cable 1-core Armoured, 300 Sq.mm (Co. Price list , Havells+ 7.5% storage & handl, F & I charge @ 5 %)	Mtr	40	1275.49	51019.60
12	Heavy Duty Double Break Fuse Switch-HBC Fuse Type, 400 Amp.(Co.Price Havells+7.5% storage & Handl, F & I charge @ 5 %)	Nos	1	39077.33	39077.33
13	Earthing Electrode 60mmx 2 with 1 Bag BFC	Nos	3	7153.05	21459.15
14	G.I Wire 8 SWg	Kgs	15	115.56	1733.40
15	Sundries(i.e.,Binding Tape G.I Wire, Al Lugs,Fabrication works, Paints, Etc.)	L/S			4000.00
16	Cost of crane for loading and unloading of Transformer	L/S			8000.00
A	Total Cost of Materials as per approved rates				744816.20
B	Labour Cost 10% of "A"				74481.62
C	Sub-Total (A+B)				819297.82
D	Supervision charge @ 7.5 % of "C"				61447.34
E	Taxable Value (C+D)				880745.16
F	GST @ 18% of "E"				158534.13
G	Sub-Total (E+F)				1039279.28
H	Add Labour Cess @ 1 % on 'G'				10392.79
	Grand Total				1049672.08
				Say	1049672.00
(Rupees Ten lakh Forty Nine Thousand Six Hundred Seventy Two) only					


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 MePDCL, Shillong


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Estimate for Installation of HT Metering for 11/0.4 KV, 250 KVA for providing power supply to ICC Building at Umsawli, New Shillong, Under Deposit Work.

Sl No	Items	Unit	Qty	Rate(Rs)	Amount(Rs)
1	11 Kv CT/PT Set, 50 -25/-5 A, 3-Ph, 3 - Wire(2 CT + 1, 3-Ph PT), Class,0.5s	Nos	1	77319.38	77319.38
2	3-Ph, 3-Wire HT Static Trivector Meter, Class 0.5, 11Kv/110V,-5A	Nos	1	11636.97	11636.97
3	Meter Box, GS-MB-7450(Syntex Price List)	No.	1	10565.10	10565.10
4	Test terminal block	No.	1	598.52	598.52
5	7-Core, 2.5 Sq.mm Armoured Control Cable(Havels)	Mtr	20	712.24	14244.80
6	Channel X-arm 100*50*6*2800 mm	nos	2	4040.27	8080.54
7	G.I through Nut/bolt 5/8x10"	Nos	7	57.08	399.56
8	Jam Clamp 9.5 mt (Bot)	Set	2	364.04	728.08
9	M.S Nuts & Bolts 5/8"x4"	Kg	2	117.44	234.88
10	Sundries (Insulation Tape, M seal, Wires, fabricaton etc)	L/s		1000.00	1000.00
A	Total Cost of Materials as per approved rates				124807.83
B	Labour Cost 10% on A				12480.78
C	Sub-Total of (A+B)				137288.61
D	Departmental charge @ 15 % of "C"				20593.29
E	Total (C+D)				157881.90
F	GST @ 18% on E				28418.74
G	Sub Total (E+F)				186300.65
H	Add Labour Cess @ 1 %on'G'				1863.01
	Grand Total				188163.65
				Say	188164.00
(Rupees One Lakh Eighty Eight Thousand One hundred Sixty Four)only					

Prepared by :



Junior Engineer
New Shillong Distribution Subdivision
MePDCL, Shillong




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Estimate for construction of Sub station fencing of 11/0.4 KV, 250 KVA Sub station at ICCC Umsawli

No	Description of works with calculation	Qty	Unit	Rate (Rs)	Amount (Rs)																																										
1	2.1 (b) Earthwork in excavation by manual means up to a depth of 2m below the existing ground level for foundation trenches of foundations, footings of column/walls, retaining walls, septic tank etc. including bailing out water where necessary and removal of surplus earth with all lead and lifts as directed and specified for the following classification of soils.																																														
	<table> <tr> <th></th><th>Nos</th><th>Length</th><th>Breadth</th><th>Height</th><th></th></tr> <tr> <td>Column</td><td>8</td><td>0.80</td><td>0.80</td><td>1.20</td><td>6.14</td></tr> <tr> <td>Plinth</td><td>4</td><td>4.00</td><td>0.50</td><td>0.40</td><td>3.20</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>9.34</td></tr> </table>		Nos	Length	Breadth	Height		Column	8	0.80	0.80	1.20	6.14	Plinth	4	4.00	0.50	0.40	3.20						9.34																						
	Nos	Length	Breadth	Height																																											
Column	8	0.80	0.80	1.20	6.14																																										
Plinth	4	4.00	0.50	0.40	3.20																																										
					9.34																																										
			Cum	414	3866.76																																										
2	8.3 (a) Coursed Rubble Masonry (first sort) with hard stone in foundation and plinth with: Cement mortar 1:6 (1 cement: 6 coarse sand)																																														
	<table> <tr> <td>Plinth</td><td>4</td><td>4</td><td>(0.5+0.3)/2</td><td>1.00</td><td>6.4</td></tr> <tr> <td>Steps</td><td></td><td>0.8</td><td>0.2</td><td>0.6</td><td>0.1</td></tr> <tr> <td></td><td></td><td>0.8</td><td>0.4</td><td>0.15</td><td>0.05</td></tr> <tr> <td></td><td></td><td>0.8</td><td>0.2</td><td>0.15</td><td>0.02</td></tr> <tr> <td>Less Column</td><td>8</td><td>0.95</td><td>0.15</td><td>0.15</td><td>-0.18</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>6.390</td></tr> </table>	Plinth	4	4	(0.5+0.3)/2	1.00	6.4	Steps		0.8	0.2	0.6	0.1			0.8	0.4	0.15	0.05			0.8	0.2	0.15	0.02	Less Column	8	0.95	0.15	0.15	-0.18						6.390										
Plinth	4	4	(0.5+0.3)/2	1.00	6.4																																										
Steps		0.8	0.2	0.6	0.1																																										
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Less Column	8	0.95	0.15	0.15	-0.18																																										
					6.390																																										
			Cum	6961	44480.79																																										
3	2.7 Sand filling in plinth in layers not exceeding 150 mm thick including breaking of clods, consolidating by ramming and watering complete as directed (maximum depth 45 cm).																																														
	<table> <tr> <td>Column</td><td>8</td><td>0.8</td><td>0.8</td><td>0.8</td><td>4.10</td></tr> <tr> <td>Plinth</td><td>1</td><td>4</td><td>4</td><td>0.6</td><td>9.60</td></tr> <tr> <td>Less Column(-</td><td>8</td><td>0.15</td><td>0.15</td><td>0.8</td><td>-0.14</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>13.56</td></tr> </table>	Column	8	0.8	0.8	0.8	4.10	Plinth	1	4	4	0.6	9.60	Less Column(-	8	0.15	0.15	0.8	-0.14						13.56																						
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Less Column(-	8	0.15	0.15	0.8	-0.14																																										
					13.56																																										
			Cum	1889	25614.84																																										
4	5.1 (a) Plain cement concrete works in foundation bed for footing steps, walls, brick works etc below plinth level as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately). 1:4:8 (1 Cement: 4 coarse sand: 8 graded stone aggregate 40 mm nominal size)																																														
	<table> <tr> <td>Column</td><td>8</td><td>0.8</td><td>0.8</td><td>0.1</td><td>0.51</td></tr> <tr> <td>Plinth wall</td><td>4</td><td>4</td><td>0.5</td><td>0.1</td><td>0.80</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>1.31</td></tr> </table>	Column	8	0.8	0.8	0.1	0.51	Plinth wall	4	4	0.5	0.1	0.80						1.31																												
Column	8	0.8	0.8	0.1	0.51																																										
Plinth wall	4	4	0.5	0.1	0.80																																										
					1.31																																										
			Cum	6831	8948.61																																										
5	6.11 (b) Supplying fitting and fixing in position reinforcement bars up to 1st floor level, conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20 G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (Rates inclusive of all wastage, lapping, hooks, chairs, anchorage etc. and no measurement for the same is required)																																														
	<table> <tr> <td>Footing 12 mm</td><td>8</td><td>8</td><td>0.8</td><td>0.89</td><td>45.57</td></tr> <tr> <td>Column</td><td>8</td><td>4</td><td>4</td><td>0.89</td><td>113.92</td></tr> <tr> <td>Tie Beams</td><td>4</td><td>4</td><td>4</td><td>0.89</td><td>56.96</td></tr> <tr> <td>Floor Beams</td><td>3</td><td>4</td><td>4</td><td>0.89</td><td>42.72</td></tr> <tr> <td>Tie Beams</td><td>1</td><td>4</td><td>2</td><td>0.89</td><td>7.12</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>266.29</td></tr> <tr> <td></td><td></td><td></td><td></td><td></td><td>2.660</td></tr> </table>	Footing 12 mm	8	8	0.8	0.89	45.57	Column	8	4	4	0.89	113.92	Tie Beams	4	4	4	0.89	56.96	Floor Beams	3	4	4	0.89	42.72	Tie Beams	1	4	2	0.89	7.12						266.29						2.660				
Footing 12 mm	8	8	0.8	0.89	45.57																																										
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					2.660																																										
			Qntl	10936	29089.76																																										

4.5	Centering and shuttering including strutting, propping etc. and removal of form for all heights complete and as directed by Engineer in charge.								
	Columns, Pillars, Piers, Abutments, Posts and Struts (using steel)								
	Column	8	4	3.5	0.15	16.80			
7	Floor Beams	7	3	1.85	0.15	5.83			
						22.63	Sqm	609	13781.67
	Providing soling with stone/best quality picked jhama brick, sand Stone soling (i) 100 mm								
12.5 (b) (i)	Column:	8	0.8	0.8		5.12			
	Floor	1	4	4		16			
						21.12	Sqm	415	8764.80
8	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement- All work up to plinth level:								
	M15 or prop. 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)								
	Footings:	8	0.8	0.8	0.2	1.02			
	Column:	8	0.15	0.15	1.55	0.28			
	Tie Beams	8	0.15	0.15	1.85	0.33			
	Floor Beams	7	0.15	0.15	1.85	0.29			
						0.00			
9						1.92	cum	8658	16623.36
	Reinforced cement concrete work in beams, slabs, roofs having M15 or prop. 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size)								
	Column	8	0.15	0.15	1.95	0.35			
10	Floor Beams	7	0.15	0.15	1.85	0.29			
						0.64	cum	9657	6180.48
	Brick work 7 cm thick with common burnt clay (non modular) 1st class brick in cement mortar 1:3 (1 cement : 3 coarse sand) in super structure above plinth level and up to first floor level.								
11	Wall	7	1.85	1.2	1.3	20.20			
	65 mm thick cement concrete flooring with concrete hardener								
			1.0	4	4	16	Sqm	836	13376.00
12	15 mm thick Cement plaster in single coat on rough side of single (a) 1:4 (1 cement : 4 coarse sand)								
	Wall including								
	Column, floor	2	4	4	1.35				
	beams, both								
	sides					43.2			
	Less gates(-)	2	1	2	1.35	-5.40			
	Step	1	3	0.80	0.2	0.48			
	Step	1	4	0.80	0.15	0.48			
	Plinth	1	3	4	0.60	7.20			
	Step	1	1	3.2	0.60	1.92			
		1	2	0.6	0.15	0.18			
		1	2	0.4	0.15	0.12			
		1	2	0.2	0.15	0.06			
						48.24	Sqm	290	13989.60

		Providing, fitting and fixing M.S. grill of required pattern in frame of windows with M.S. flats square or round bars etc including priming coat with approved steel primer all complete.					
		(a) Fixed to openings / wooden frames with rawl plug screws etc.					
11.24	(b)	Grill weighing 12 Kg/Sqm (for railing)	8	1.85	0.6	12	106.6
		Grill weighing 16 Kg/Sqm (for Gate)	1	1.85	1.35	16	39.96
							Kg
							191
							20360.60
							Kg
							191
							7632.36
14	16.36(a)	Painting with synthetic enamel paint of approved brand and (a) New work (two or more coats over an under coat of suitable shade with ordinary paint of approved brand and manufacture).					
		Railing	7	1.85	0.6		7.77
		Gate including railing on top of gate	1	1.85	1.95		3.61
							11.38
							Sqm
							155
							1763.90
15	16.19	Wall painting with acrylic emulsion pain of approved brand and manufacture to give an even shade:					
		Brick Wall 7x2	1.85	1.2			31.08
		Columns 8x2	0.8	1.2			15.36
							46.44
							Sqm
							105
							4876.20
A	Total						237428.73
B	Extract the GST 12 % from A						211989.94
C	Supervision charge @ 7.5 % of "C"						15899.25
D	Sub total (B+C)						227889.19
E	Add GST @ 18% on D						43881.91
F	Grand Total (D + E)						271771.10
							Say
							271771.00
(Rupees Two Lakhs Seventy One Thousand Seven Hundred and Seventy one) only							


 Junior Engineer
 New Shillong Distribution Sub-division
 MePDCL, Shillong


 Assistant Executive Engineer
 New Shillong Distribution Sub-division
 MePDCL, Shillong

Standard Estimate on the construction of rain shade for 11/0.4 KV 250 KVA transformer at under deposit works as per SOR MPWD 2021-22


S.No	Schdl. Sl.No	Item	Unit	Qty.	Rate(Rs)	Amount(Rs)
i	ii	iii	iv	v	vi	vii
1	2.1 (b)	Earthwork in excavation by Manual means upto a depth of 2m below the existing ground level for foundation trenches of foundations, footings of column/wall, retaining walls, septic tanks etc. including bailing out water where necessary and removal of surplus earth with all lead and lifts as directed and specifies for the following classification of soils.				
		2 x 0.3 x 0.3 x 0.7	0.126 Cum	0.126	414.00	52.16
2	12.5 (b) (i)	Providing soling in with stone best quality picked jhama brick, sand packed and laid to level and in panel after preparing the subgrade as directed including all labour and materials and if necessary dewatering, complete. (b). With Stone soling of thickness 100 mm				
		2 x 0.3 x 0.3	0.18 sq m	0.18	415.00	74.70
3	6.1(a)	Providing and laying in position specified grade of reinforced cement concrete excluding cost of centering, shuttering, finishing and reinforcement. All work upto plinth level. (a) M15 or Prop. 1:2:4 (1 cement : 2 coarse sand ; 4 graded stone aggregate 20 mm nominal size)				
		2 x 0.3 x 0.3 x 0.6	0.108 cum	0.108	8658.00	935.06
4	11.1	Structural steel work in single sections fixed with or without connecting plate including cutting, Hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				
		2 x 2.4 @ 9.2 kg/Rm	44.160 Kg			
		MS Angle 50 x 50 mm				
		2 x 2 x 0.45 @ 4.5 kg/Rm	8.100 Kg			
		Total:	52.300 Kg	52.30	117.00	6119.10
5	11.2	Structural Steel work riveted, bolted or welded in built up sections, trusses and frame work including cutting, Hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				
		Steel Tube Nominal bore 50 mm (Medium)				
		4 x 0.75 @ 5.1 Kg/rm (Rafter)	15.300 Kg			
		Steel Tube Nominal bore 32 mm (Medium)				
		4 x 2.1 @ 3.15 kg/Rm (Purlin)	26.460 Kg			
		Total:	42.000 Kg	42.00	123.00	5166.00

	13.1	Providing corrugated GS or galvanised Iron sheet roofing including Vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia with bitumen GI ;limpet washers or with GI limpet washers filled with white lead, including a coat of approved steel primer and							
		2 x 2.1 x 0.75	3.150	sqm	3.150	916.00	2885.40		
7	13.4	Providing ridges or hips of width 60 cm overeall width plain GS sheet fixed with polymer coated J or L hooks, bolts and nuts 8 mm dia Gi impet and bitumen washer complete. (e) 0.63 mmthick							
		1 x 2.1	2.100	Rm	2.100	653.00	1371.30		
A	TOTAL AMOUNT						16603.73		
B	Extract GST @ 12 % from A						14824.76		
C	Supervision charge @ 7.5 % of "C"						1111.86		
D	Sub total (B + C)						15936.62		
E	Add GST 18 % on D						3068.72		
C	Grand Total						19005.34		

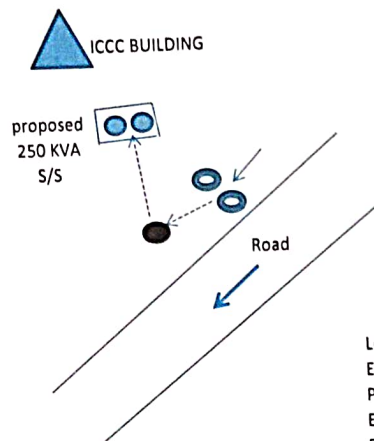
Say **Rs 19005.00**

(Rupees Nineteen thousand and five)only


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SINGLE LINE DIAGRAM OF SHOWING FOR EXTENSION OF 11 kv LINE AND INSTALLATION OF 11/0.4 KV, 250 KVA S/S FOR PROVIDING POWER SUPPLY TO ICCC BUILDING AT UMSAWLI, New Shillong.



Legend :
 Existing 12.0 m pole, H/D : ●
 Proposed 12.0 m Pole : ●
 Existing 11 KV Line : ———→
 Proposed 11 KV Line : - - - - -→

[Signature]
 Junior Engineer
 New Shillong Distribution Sub-Division
 MePDCL, Shillong

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 New Shillong Distribution Sub-Division
 MePDCL, Shillong