OBIECTIV:	**INSTITUTIE PENTRU INVATAMANT PRESCOLAR SI INVATAMANT PRIMAR, IMPREJMUIRE PARTIALA**
OBIECTUL:	**INSTALATII ELECTRICE**
STADIUL FIZIC:	**INSTALATII FOTOVOLTAICE DE PRODUCERE A ENERGIEI**
Beneficiar:	**COMUNA BUCOVAT**
Proiectant:	**AC PROJECTXPERT S.R.L.**

F3 - LISTA cu cantitati de lucrari pe categorii de lucrari

- lei -

SECTIUNEA TEHNICA					SECTIUNEA FINANCIARA	
Nr.	**Capitolul de lucrari**		**U.M.**	**Cantitatea**	**Pretul unitar (exclusiv TVA) -lei-**	**TOTALUL (exclusiv TVA) -lei-**
0	**1**		**2**	**3**	**4**	**5 = 3 x 4**
1	**YC01 [1]**	Montaj panouri fotovoltaice	**buc**	**30.00**	**500.00**	**15,000.00**
				material:	500.00	15,000.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
2	**2700227**	PANOU FOTOVOLTAIC MONOCRISTALIN 500W	**buc**	**30.00**	**1,200.00**	**36,000.00**
				material:	1,200.00	36,000.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
3	**EC03D1**	Cablu pentru energie electrica, montat cu scoabe (cleme de prindere) pe console sau pe pod de cabluri, cablul având conducte cu sectiunea de 50 sau 70 mmp, montat pe console fixate cu dibluri (bolturi) metalice	**m**	**20.00**	**27.50**	**550.03**
				material:	10.45	209.03
				manopera:	17.05	341.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
4	**4700023**	Cablu N2XH 5x10 mmp	**m**	**20.00**	**40.00**	**800.00**
				material:	40.00	800.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
5	**EC03A1**	Cablu pentru energie electrica, montat cu scoabe (cleme de prindere) pe console sau pe pod de cabluri, cablul având conducte cu sectiunea pîna la 10 mmp, montat pe console fixate cu dibluri (bolturi) metalice	**m**	**240.00**	**21.86**	**5,246.09**
				material:	8.53	2,046.89
				manopera:	13.33	3,199.20
				utilaj:	0.00	0.00
				transport:	0.00	0.00
6	**4700025**	Cablu solar 6mm	**m**	**240.00**	**8.98**	**2,155.20**
				material:	8.98	2,155.20
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
7	**EA10C#**	Tub de protectie flexibil montat liber avand diametrul interior...50-100 mm	**m**	**20.00**	**11.78**	**235.60**
				material:	0.00	0.00
				manopera:	11.78	235.60
				utilaj:	0.00	0.00
				transport:	0.00	0.00
8	**2303559**	Tub de protectie flexibil gofrat fara emisii de halogeni, montat ingropat in perete D=50mm	**m**	**20.00**	**8.60**	**172.00**
				material:	8.60	172.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00

STADIUL FIZIC: INSTALATII FOTOVOLTAICE DE PRODUCERE A ENERGIEI

0	1		2	3	4	5 = 3 x 4
9	ATD29C	Suporti, stelaje, constructii metalice jgheaburi de protectie pentru cabluri	m	**15.00**	**11.77**	**176.57**
				material:	1.67	25.00
				manopera:	10.11	151.58
				utilaj:	0.00	0.00
				transport:	0.00	0.00
10	6311245	Jgheab metalic 50x35, cu capac	m	**15.00**	**30.00**	**450.00**
				material:	30.00	450.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
11	EC03A1	Cablu pentru energie electrica, montat cu scoabe (cleme de prindere) pe console sau pe pod de cabluri, cablul având conducte cu sectiunea pîna la 10 mmp, montat pe console fixate cu dibluri (bolturi) metalice	m	**50.00**	**21.86**	**1,092.94**
				material:	8.53	426.44
				manopera:	13.33	666.50
				utilaj:	0.00	0.00
				transport:	0.00	0.00
12	4700026	Cablu JY(st)Y 2x2x0.8mmp	m	**50.00**	**3.00**	**150.00**
				material:	3.00	150.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
13	EC03A1	Cablu pentru energie electrica, montat cu scoabe (cleme de prindere) pe console sau pe pod de cabluri, cablul având conducte cu sectiunea pîna la 10 mmp, montat pe console fixate cu dibluri (bolturi) metalice	m	**100.00**	**21.86**	**2,185.87**
				material:	8.53	852.87
				manopera:	13.33	1,333.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
14	3809739	Conductor V-G, 16mmp, flexibil, conexiune PE	m	**100.00**	**17.00**	**1,700.00**
				material:	17.00	1,700.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
15	YB01 [1]	Montaj invertor si contor sisteme fotovoltaice	buc	**2.00**	**1,000.00**	**2,000.00**
				material:	0.00	0.00
				manopera:	1,000.00	2,000.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
16	20033686	INVERTOR TRIFAZAT 15 Kw	buc	**1.00**	**15,600.00**	**15,600.00**
				material:	15,600.00	15,600.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
17	4625571	CONTOR SMART METER 3-PHASE 250A,	buc	**1.00**	**1,547.00**	**1,547.00**
				material:	1,547.00	1,547.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
18	CL01A1 [1]	Montarea suporti metalici pentru panouri fotovoltaice	tona	**1.00**	**583.81**	**583.81**
				material:	58.36	58.36
				manopera:	525.45	525.45
				utilaj:	0.00	0.00
				transport:	0.00	0.00
19	3503677	Sina aluminiu MultiRail 4.2 montaj panou FV	buc	**25.00**	**150.00**	**3,750.00**
				material:	150.00	3,750.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00

STADIUL FIZIC: INSTALATII FOTOVOLTAICE DE PRODUCERE A ENERGIEI

0	1		2	3	4	5 = 3 x 4
20	**4208896**	Clema de mijloc universala Al 30-42mm	**buc**	**120.00**	**3.00**	**360.00**
				material:	3.00	360.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
21	**4208897**	Clema de capat universala Al 30-42mm	**buc**	**64.00**	**3.00**	**192.00**
				material:	3.00	192.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
22	**2455365**	Suport ACOPERIS panou fotovoltaic	**buc**	**152.00**	**50.00**	**7,600.00**
				material:	50.00	7,600.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	0.00	0.00
23	**AUT7101**	Nacela autoridicatoare 2L-6 sau ZK-1 cap 0,3-0,6 tf	**ora**	**10.00**	**180.00**	**1,800.00**
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	180.00	1,800.00
				transport:	0.00	0.00
24	**TRA01A20**	Transportul rutier al...materialelor,semifabricatelor cu autobasculanta pe dist.= 20 km.	**tona**	**4.00**	**13.28**	**53.12**
				material:	0.00	0.00
				manopera:	0.00	0.00
				utilaj:	0.00	0.00
				transport:	13.28	53.12
25	**TRB05B25**	Transportul materialelor prin purtat...direct,materiale incomode peste 25 kg distanta 50m	**tona**	**1.00**	**91.76**	**91.76**
				material:	0.00	0.00
				manopera:	91.76	91.76
				utilaj:	0.00	0.00
				transport:	0.00	0.00

	procent	material	manopera	utilaj	transport	total
Total Cheltuieli directe:		**89,094.79**	**8,544.09**	**1,800.00**	**53.12**	**99,491.99**
Recapitulatia: Recap 2019: CAM 2,25						
Contributie asiguratorie pentru munca (CAM)	2.2500 %	0.00	192.24	0.00	0.00	192.24
Total Inclusiv Cheltuieli directe:		**89,094.79**	**8,736.33**	**1,800.00**	**53.12**	**99,684.23**
Cheltuieli indirecte	10.0000 %	8,909.48	873.63	180.00	5.31	9,968.42
Total Inclusiv Cheltuieli indirecte:		**98,004.26**	**9,609.96**	**1,980.00**	**58.43**	**109,652.66**
Profit	5.0000 %	4,900.21	480.50	99.00	2.92	5,482.63
Total Inclusiv Beneficiu:		**102,904.48**	**10,090.46**	**2,079.00**	**61.35**	**115,135.29**
TOTAL GENERAL (fara TVA):						**115,135.29**
TVA:					19.00 %	**21,875.71**
TOTAL GENERAL:						**137,011.00**

PROIECTANT GENERAL
SC ADD ACACIA DESIGN SRL
ARH. ADELA COBUZ

PROIECTANT DE SPECIALITATE
SC AC PROJECTXPERT S.R.L.
ING. BECEA CONSTANTIN