



MINISTRY OF AGRICULTURE, IRRIGATION AND LIVESTOCK
Horticulture Value Chain Development Sector Project (HVCDSP)



Grant No

Contract No

Project Name: Zero Energy Onion Storage

Village:

District:

Province: Wardak

S.No	Description of Activities	Unit	Quantity	Unit cost (Af)	Total Cost (Af)	Farmer (20%)	HVCDSP (80%)	Remarks
1	Hand tools افزار کار	Different	1	8,990.00	8990.00	8,990.00	0.00	
2	Excavation of foundation & Walkways In Grade 3 land	M ³	19	192.50	3657.50	3,657.50	0.00	
3	Stone Masonry of foundation with 1: 4mortar	M ³	22.88	2,423.40	55447.39	8,885.20	46,562.19	
4	RCC for ring & lintel beams (1:1.5:3)	M ³	4.07	11,531.80	46934.43	4,829.06	42,105.37	
5	filling of floor with soil including compaction 40cm	M ³	9.73	295.00	2870.35	1,702.75	1,167.60	
6	Filling of floor and walkway with gravel	M ³	5.95	1055.00	6277.25	1,041.25	5,236.00	
7	PCC (1:2:4) for walkways floor and roof work	M ³	5.855	4907.50	28733.41	9,704.66	19,028.75	
8	Brick masonry for walls, parapet walls and for roof arch work with (1:4) mortar	M ³	35.05	3419.40	119849.97	41,464.15	78,385.82	
9	Oil Painting application on steel surface of I beams and steel door and windows	M ²	70.85	93.60	6631.56	2,550.60	4,080.96	
10	Steel I beam (140X70X5)mm for roof and Onion bags support	M	161	645.00	103845.00	1,127.00	102,718.00	
11	Plaster application on interior and exterior wall surfaces with (1:4) mortar	M ²	216	214.00	46224.00	6,048.00	40,176.00	
12	Fabrication and installation of steel window, door and louvers	M ²	3.25	3778.54	12280.25	568.75	11,711.50	
13	Fabrication and installation of wooden windows Total=2	M ²	2	2066.05	4132.10	875.00	3,257.10	
14	Downspouts (Vertical from GI sheet 24 gage 10x8cm) Total=2	M	9.4	280.00	2632.00	0.00	2,632.00	
15	One layer of isogam on roof as water proofing	M ²	32.5	259.50	8433.75	1,023.75	7,410.00	
16	Wind Operated Exhaust fans	Each	2	500	1000.00	2,880.00	7,200.00	
17	PVC 8 inch pipe for air flow	M	36	280.00	10080.00	3,120.00	21,199.36	
18	Wooden board (100x20x4cm)	M ²	20.8	1,169.20	24319.36	0.00	1,000.00	
Total Cost Afs / قیمت به افغانی					492338.32	98,467.67	393,870.65	

Note: The proper estimated price could be obtained after the site survey

PREPARED BY: SHAMSUDDIN SHAMS

TECHNICAL CHECK BY: NASEEBULLAH RASOOLI

APPROVED BY: EHSANULLAH MUNIB

REVIEWED BY: WAJIDULLAH YAR

VEREFIED BY: AHMAD FARID RAAID



MINISTRY OF AGRICULTURE, IRRIGATION AND LIVESTOCK
Horticulture Value Chain development Sector Project (HVCDSP)
Zero-energy Potato Storage BOQ



Grant No

Contract No

Project Name: Zero Energy Potato Storage

Village:

District:

Province: Wardak

S.No	Description of Activities	Unit	Quantity	Unit cost (AF)	Total Cost (AF)	Farmer (20%)	HVCDSP (80%)	Remarks
1	Hand tools افزار کار	Differ	1	8,990.00	8990.00	8990.00	0.00	
2	Excavation of foundation & Walkways In Grade 3 land	M ³	237	175.00	41475.00	41475.00	0.00	
3	Backfilling around the foundation with excavated soil	M ³	19	140.00	2660.00	2660.00	0.00	
4	Stone Masonry for foundation and walls	M ³	92.43	2,423.40	223994.86	35585.55	188409.31	
5	Pointing of walls stone Masonry	M2	75	139.50	10462.50	3620.50	6842.00	
6	RCC(1:11/2:3) rings on the top of Stone and Brick masonry wall 20cm	M ³	3.99	11531.80	46011.88	4734.14	41277.75	
7	Filling of floors, ramps with gravel including compaction 15cm	M ³	7.91	975.00	7712.25	1384.25	6328.00	
8	Brick Masonry for wall and roof Parapet with (1:4)	M ³	10.11	3419.40	34570.13	5732.37	28837.76	
9	PCC(1:2:4) of Flooring, stair & ramps with 10cm thickness	M ³	5.955	4907.50	29224.16	6773.81	22450.35	
10	Glass wool 5cm two layer	M2	89.55	172.00	15402.60	626.85	14775.75	
11	I Beam 140x70x5mm	M	101	645.00	65145.00	707.00	64438.00	
12	Oil Painting on Steel surfaces	M2	53.84	93.60	5039.42	1938.24	3101.18	
13	Wooden Table (wooden pole & beam D=15cm	each	16	500.00	8000.00	0.00	8000.00	
14	Fabrication and installation of steel door with its lockset Total=1	M2	3.6	3447.11	12409.60	630.00	11779.60	
15	Fabrication and installation of wooden door with its lockset Total=1	M2	3.3	2656.80	8767.42	1443.75	7323.67	
16	Plaster work with (1:4) mortar on interior and exterior wall surfaces	M2	61.2	214.00	13096.80	1713.60	11383.20	
17	Gutter from, GI 24 gauge	M	8.5	280.00	2380.00	0.00	2380.00	
18	Installation of 6 inch GI 20 gauge pipe for ventilation (8 pipe L=4m)	M	32	330.00	10560.00	0.00	10560.00	
19	Planking work over I beam (thickness 3cm)	M2	76	766.60	58261.60	1261.60	57000.00	
20	Mat(Borya) over planks	M2	76	33.50	2546.00	266.00	2280.00	
21	Clay over Mat(Borya)20cm Thick.	M2	76	38.50	2926.00	1102.00	1824.00	
22	Mud plaster(kahgel) 2 coat including plastic on each layer 2.5cm	M2	76	77.35	5878.60	2458.60	3420.00	
Total Cost Afs / قیمت به افغانی					615513.84	123103.26	492410.58	

Note: The proper estimated price could be obtained after the site survey

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