

Project purpose: Rehabilitation of Water Supply Network

Village

Now Abad, Dara Zang

project: DAWAM

Project # :

A221873

Date:

Province: Faryab

District

Gurziwan

NO	ITEMS موضوعات	UNIT واحد	Work quantity and cost estimated برآورد احجام کاری		
			QUANTITY مقدار	Unit Cost (Af) قیمت فی واحد	Total cost(Afs) قیمت مجموعی
1	Site Preparation: to clean site from all existent materials.	M2	64.00		
2	Excavation: In ordinary soil-type three, excavation will be take place for different types of structure as per drawing and spesification.	M3	1,037.40		
3	PCC (M-150, 1:2:4): The PCC work is for placement under the collecting stand according to the drawing considering the shuttering needs, using cement sand mortar base on given specifications. • Curing should be done for minimum 7 days.	M3	7.59		
4	Stone masonry 1:5: Providing and laying stone masonry with (35-40) % cement sand mortar 1:5, and it must include all good stone constrction specification and site engineer satisfaction.	M3	36.08		
5	Pointing - M400 1:3: Pointing of all the joints of stone mosanry work with sandy clay mortor of M400 specification. The pointing should be uniformed and well curing is needed as per drawing and specification.	M2	19.04		
6	RCC- M250 (1:1:2) Crushed gravel must be used, and curing must be continued up to one month, and all site engineer advicess must be considered.	M3	9.56		
7	Shuttering: The shuttering should be done as per the drawing and specification, as according to site engineer advice.	M2	28.00		
8	gravelling according to the drawings and specificatioon.	M3	2.40		
	Plaster with water proof powder				
9	Plaster with water proof powder	m2	99.20		

	BackFilling				
10	Back filling as technical required	M3	920.32		
	GI Pipe and Fittings for Stone Water Reservoir				-
11	GI-pipe 1 1/2" Drain Pipe	m	3.00		
12	GI-pipe 1 1/2" Outlet Pipe with Glass Wool in two side	m	6.00		
13	GI-pipe 2 "over flow pipe	m	3.00		
14	GI-pipe 2" for ventilation of W.R	m	3.00		
15	GI-pipe 2" Inlet Pipe with Glass Wool	m	3.00		
16	GI-pipe 2" for ventilation of W.R	m	3.00		
17	Fiitting for Reservoir	PCS	1.00		
18	Gate Valve 2" stainless steel	PCS	1.00		
19	Gate Valve 3" stainless steel		1.00		
20	Teflon tape, thread seal tape shall be good quality.	PCS	10.00		
21	Ladder with 2" GI Pipe to Reservior	m	2.00		
22	Water Reservoir Iron Gate 0.8x0.8 with Welding with to RCC stell	PCS	1.00		
23	Skilled labour on site	md	0.00		
	Piping and fitting work of Network				
24	Pipe 63mm HDPE 100: Pipe 63mm OD, HDPE 100, PN-10, Thickness 3.8 mm & Weight 0.721kg/m	m	1105.00		
25	Pipe 50mm HDPE 100: Pipe 50mm OD, HDPE 100, PN-10, Thickness 3 mm & Weight 0.453kg/m	m	1060.00		
26	Pipe 40mm HDPE 100: Pipe 40mm OD, HDPE 100, PN-10, Thickness 2.4 mm & Weight 0.295kg/m	m	673.00		
27	PVC pipe 4" for covering of stand taps	m	0.00		
28	Control Valve 125mm, 63 mm with installation	m	1.00		
29	Pipe Fittings	lot	1.00		
30	Skilled labor on site	md	21.65		
31	Unskilled labor on site	md	15.16		

32	Isogam one layer for the top of the water reservoir	m2	24.75		
33	Supply and installation of metallic sign board	No	2.00		
34	Public Stand Taps from main pipe, public buildings (school, mosque and clinic) with its all accessories including 1/2" Saddle clamp, Water tap, Socket with 30m Pipe 20mm OD, HDPE 100, PN-20, Thickness 2.3 mm & Weight 0.133kg/m. as attached drawing	No	11.00		
Total Cost for Dara Zang, Naw Abad CDC Project					
The works actually executed shall be measured, contractor shall visit the site of the works and obtain all information that may be necessary for completing their offer as under the provision of this contract no claim for additional work is accepted once the contract is signed.					
Mobilization, Demobilization, Access road to construction site or other temporary works required for the execution of the items listed above, plus site restoration will be the responsibility of the contractor. Hence all the unit prices above are assumed to cover all activities associated with the works mentioned, and the total contract cost quoted is all inclusive to complete the total works.					
Work Completion Certificate will provide after the measurement take place by WV team. The network scheme (length of the pipes) may change in field due to the community members request so the pipes will measure base on actual work completed in field with consideration of the quality of the work then the work completion certification will provide.					

Prepared By: Sayed Masoud Tural

Designation: WASH Engineer

Signature:


box SIGN 46Z55J5Q-13VZ5L59

Date:

Sep 2, 2024

Technical Review By: Farooq Jawid

Designation: WASH Adviser

Signature:


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Date:

Sep 2, 2024

Technical Check By: Yama Hewadmal

Designation: WASH Technical Coordinator

Signature:


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Date:

Sep 2, 2024