

SPRING INTAKE (Type-1)

F/y :- 2074/075

Approved By

Khatyad Rural Municipality

Khatyad, Mugu

QUANTITY ESTIMATE/ABSTRACT OF COST INTAKE FITTINGS (TYPE-1)

Project name :- Thula Munngga to Baryaga Water Supply
Location :- Khatyad Rural Municipality, Ward No 17

F/y :- 2074/075

Sn.	Description Of Items	Unit	Quantity	Rate	Cost	Weight/ No	Total Weigh	Remarks
1	GI Strainer 1 1/2"	Nos	1.00	448.23	448.23	1.00	1.00	Including V
2	GI Socket 1 1/2"	Nos	2.00	158.54	317.08	0.50	1.00	
3	GI Union 1 1/2"	Nos	2.00	440.53	881.06	0.75	1.50	
4	GI Tee (1 1/2" x 1 1/2" x 1 1/2")	Nos	1.00	172.50	150.00	0.75	0.75	
5	GI Elbow 1 1/2"	Nos	2.00	262.50	525.00	0.50	1.00	
6	GI Reducer (1 1/2" x 1 1/4")	Nos	1.00	296.29	296.29	0.75	0.75	
7	Gate Valve 1 1/2"	Nos	2.00	4322.14	8644.27	1.50	3.00	
8	HDP/ GI Flange Set 1 1/2"	Nos	2.00	1312.50	2624.99	0.80	1.60	
9	GI Nipple 4" long 1 1/2"	Nos	5.00	244.31	1221.53	0.37	1.85	
10	GI Pipe 60 cm long 1 1/2"	Nos	2.00	301.74	603.49	1.90	3.79	
11	GI Pipe 70cm long 1 1/2"	Nos	1.00	352.03	352.03	2.21	2.21	
12	GI Pipe 80 cm long 1 1/2"	Nos	2.00	402.33	804.65	2.53	5.06	
13	GI Pipe 140cm long 1 1/2"	Nos	2.00	704.07	1408.14	4.42	8.85	
Total					18276.76	Total	32.36	KG
Total Cost					18276.76			

Type - I

Location :- Khatyad Rural Municipality, Ward No.

F/y :- 2074/075



Khatyad Rural Municipality
Khatyad, Mugu
TAP STANDPOST FITTINGS

Project name : *Thula Dhumaga TO Aurigasa water supply*
 Location :- Khatyad Rural Municipality, Ward No. *4*

F/y :- 2074/075

Sn.	Description Of Items		Quantity	Rate	Cost	Weight/ No	Total Weight	Remarks
1	Brass Union 1/2"	Nos	3.00	576.15	1728.45	0.20	0.60	
2	GI Elbow 1/2"	Nos	6.00	69.00	414.00	0.15	0.90	
3	GI Pipe 45 cm Long 1/2"	Nos	3.00	87.40	262.20	0.549	1.65	
4	GI Pipe 70 cm Long 1/2"	Nos	3.00	136.85	410.55	0.854	2.56	
5	GI Pipe 200cm Long 1/2"	Nos	3.00	391.00	1173.00	2.44	7.32	
6	Flow Regulator Valve 1/2"	Nos	4.00	1403.00	5612.00	0.50	2.00	
7	GI Socket	Nos	3.00	49.45	148.35	0.20	0.60	
7	Brass Tap 1/2"	Nos	4.00	662.40	2649.60	0.50	2.00	
			Total		12398.15	Total	17.63	Kg
			Vat 13%		1611.76			
			Total Cost		14009.91			



Khatyad Rural Municipality
Khatyad, Mugu

Detailed Estimate / Abstract of Cost of Pipe Line Works

Project name :- Thula Dhumga to Arugan water supply
Location :- Khatyad Rural Municipality, Ward No 11

F/Y :- 2074/075

Sn.	Description Of Items	Breadth	Height	Unit	Quantity	Rate	Amount	Weight/ No	Total Weight	Remarks
A	Pipe Procurement									
	HDP PIPE									
1	32 mm 6kg/cm ²	500.00	0.226	kg/m	kg	113.00	330.23	37315.99	0.226	113.00
	Total HDP Pipe Line				Total HDP Pipe Cost		37315.99			
B	E/W for pipe lines									
i	Transmission Line									
	Digging	500.00	0.30	0.90	m ³	135.00	982.62	132653.70		
	Filling	500.00	0.30	0.90	m ³	135.00	370.80	50058.00		
						Total	182711.70			
	Total Amount						220027.69			
								Total	265.30	Kg

Estimated By



Checked By

Approved By

SUMMARY OF PROJECT COST

Project name Thula Dugger to Aurugara water supply
 Location :- Khatyad Rural Municipality, Ward No 11

Date :-
 F/y :- 074/075
 PageNo-

Sn	Description of Items	Quantity	Rate Per Item	Amount	Remarks
1.0	Purchasing Materials				
1.0	Procurement of Pipes (HDP)	1.00	37315.99	37315.99	
			Sub total	37315.99	
2.0	Procurement of fittings				
1	Spring Intake Type - 1	1.00	18276.76	18276.76	
2	Tap Stand Post	1.00	14009.91	14009.91	
			Sub total	32286.66	
3.0	Construction Works				
1	Spring Intake Type - 1	1.00	125679.73	125679.73	
2	Tap Stand Post	1.00	49147.11	49147.11	
			Total	174826.84	
4	Pipe Lines digging & filling Transmission Line	1.00	182711.70	182711.70	
			Sub total	182711.70	
			Grand Total	427141.19	
			KRM Grant	100000.00	
			Community Contribution	85428.24	
			5% contingencies	5000.00	
			Net Payable Amount	95000.00	

Estimated By



Checked By

Approved E