



## Detailed Estimate

Irrigation & Water Resources Department, Haryana



Office Name:

Division : Mahendragarh WS Divn Mahendragarh[M/Garh W.S. Divn. M/Garh]

Circle :JLN W.S. Circle Narnaul[JLN CIRCLE, NARNAUL]

Name of Work -{Code}:

Estimate for Laying RCC pipeline connecting for village pond Gudha off-taking from km 6.950/L of Nangal Disty. (Under Atal bhujal Yojana). [IRR/2023-24/94694]

Estimate Cost:

Rs. 15.69 Lakhs [Adm. Approved Status : Yes, 19/06/2023]

Technical Approval Cost:

Rs. 12.90 Lakhs

Revised Adm Approval Cost:

Rs. 0.00 Lakhs

Item Type	Item Cost	Total Charges	Total Cost
HSR Items	₹10,84,042	₹2,05,968	₹12,90,009
<b>Total</b>	<b>₹10,84,042</b>	<b>₹2,05,968</b>	<b>₹12,90,009</b>

Days in which work is likely to be completed:

365 Days

Location of Estimate

Village:GUDHA

Assembly Constituency:

ATELI

District:

MAHENDRAGARH

Work Category:

Other

**Disclaimer** - Sufficient efforts have been made to make the online calculations accurately. But, calculations are required to be cross checked by each user at each level. Dealing officials will be responsible for checking the accuracy of all Calculation in the estimate in all respect.



## Detailed Estimate

Irrigation & Water Resources Department, Haryana



**Work Name:** Estimate for Laying RCC pipeline connecting for village pond Gudha off-taking from km 6.950/L of Nangal Disty.(Under Atal bhujal Yojana).

ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
<b>Main-Component : pipeline, brickwork, earthwork,cc1:4:8</b>							
<b>Sub-Component :- pipeline, brickwork, earthwork</b>							
1	HSR	HSR Item <b>4.16.1.2</b> -Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : 1.2. Pipes, cables etc. exceeding 80 mm dia. but not exceeding 300 mm dia <b>HSR Rate(Rs.) 62.00 Through Rate</b>	Metre	1871.119	62.00	116009	
		<b>Description</b>	<b>No./Qty</b>	<b>Length</b>	<b>Breadth</b>	<b>Depth</b>	<b>Total Qty</b>
		earthwork for pipe line	1.00	1900.000	0.000	0.000	1900.000
		D/d of earthwork for Hodi	9.00	3.209	0.000	0.000	-28.881
							<b>1871.119</b>
2	HSR	HSR Item <b>6.1.6</b> -Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work below plinth level and up to Floor IV level: 6. 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size) <b>HSR Rate(Rs.) 2442.00 Through Rate</b>	cum	8.131	2442.00	19856	
		<b>Description</b>	<b>No./Qty</b>	<b>Length</b>	<b>Breadth</b>	<b>Depth</b>	<b>Total Qty</b>
		pcc in hodi bed	9.00	2.438	2.438	0.152	8.131
							<b>8.131</b>
3	HSR	HSR Item <b>6.1.4</b> -Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work below plinth level and up to Floor IV level: 4. 1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size) <b>HSR Rate(Rs.) 2911.00 Through Rate</b>	cum	2.944	2911.00	8570	
		<b>Description</b>	<b>No./Qty</b>	<b>Length</b>	<b>Breadth</b>	<b>Depth</b>	<b>Total Qty</b>
		hodi T O wall	18.00	1.678	0.229	0.076	0.526
		hodi T O wall	18.00	1.220	0.229	0.076	0.382
		hodi bed	9.00	1.220	1.220	0.152	2.036
							<b>2.944</b>
4	HSR	HSR Item <b>11.5.3</b> -12 mm cement plaster of mix : 3. 1:4 (1 cement: 4 fine sand) <b>HSR Rate(Rs.) 84.00 Through Rate</b>	Sqm	122.688	84.00	10306	
		<b>Description</b>	<b>No./Qty</b>	<b>Length</b>	<b>Breadth</b>	<b>Depth</b>	<b>Total Qty</b>
		hodi inner side	36.00	1.220	2.473	0.000	108.614
		hodi outer side	9.00	5.796	0.305	0.000	15.910

**Disclaimer -** Sufficient efforts have been made to make the online calculations accurately. But, calculations are required to be cross checked by each user at each level. Dealing officials will be responsible for checking the accuracy of all Calculation in the estimate in all respect.



## Detailed Estimate

Irrigation & Water Resources Department, Haryana



ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
		D/d pipe section of hodi	18.00	1.000	0.102	0.000	-1.836
							122.688
5	HSR	HSR Item <b>20.62.3</b> -Providing, lowering, laying, cutting (cut surface to be uniformly finished), jointing with rubber rings marked with IS : 5382 and testing of SPIGOT AND SOCKETTED RCC, NP2 MARKED WITH IS : 458-1988 and specials into trenches for all depths including carriage, loading, unloading, stacking, handling, re-handling etc. complete is all respects to the satisfaction to the Engineer - in -charge. 3. 300 mm i/d <b>HSR Rate(Rs.) 384.00 Through Rate</b>	Per Metre	1889.020	384.00	725384	
		<b>Description</b>	<b>No./Qty</b>	<b>Length</b>	<b>Breadth</b>	<b>Depth</b>	<b>Total Qty</b>
		pipe line	1.00	1900.000	0.000	0.000	1900.000
		D/d of pipe length	9.00	1.220	0.000	0.000	-10.980
							1889.020
6	HSR	HSR Item <b>21.28</b> -Providing and fixing steel bar embedded plastic steps of size 263mm x 165mm of orange colour, confirming to specification in pump chambers, manholes etc., having minimum 3mm thick polypropylene polymer confirming to is:10910 encapsulated on 12mm dia ribbed steel bars per IS :1786. The rate include cost of setting the same to correct lines and levels duly embedded in 1:2:4 cement concrete including carriage, loading, uploading, stacking, handling, re-handling etc., complete in all respect to the satisfaction of Engineer-in-charge <b>HSR Rate(Rs.) 298.00 Through Rate</b>	Each	54.000	298.00	16092	
		<b>Description</b>	<b>No./Qty</b>	<b>Length</b>	<b>Breadth</b>	<b>Depth</b>	<b>Total Qty</b>
		step	54.00/1.000	0.000	0.000	0.000	54.000
							54.000
7	HSR	HSR Item <b>4.12.1</b> -Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead up to 50 m and lift up to 1.5 m, as directed by Engineer-in-charge. 1. All kinds of soil <b>HSR Rate(Rs.) 78.00 Through Rate</b>	cum	207.777	78.00	16207	
		<b>Description</b>	<b>No./Qty</b>	<b>Length</b>	<b>Breadth</b>	<b>Depth</b>	<b>Total Qty</b>
		Earth work for hodi	9.00	3.056	3.056	2.472	207.777
							207.777
8	HSR	HSR Item <b>7.21.1</b> -Brick work with common burnt clay non-modular bricks of class designation 10.5 in foundation and plinth in: 1. Cement mortar 1:4 (1 cement : 4 coarse sand) <b>HSR Rate(Rs.) 3693.00 Through Rate</b>	cum	41.463	3693.00	153123	
		<b>Description</b>	<b>No./Qty</b>	<b>Length</b>	<b>Breadth</b>	<b>Depth</b>	<b>Total Qty</b>
		1st step long wall	18.00	2.134	0.457	0.457	8.022
		1st step short wall	18.00	1.220	0.457	0.457	4.586
		2nd step long wall	18.00	1.922	0.351	0.457	5.549

**Disclaimer -** Sufficient efforts have been made to make the online calculations accurately. But, calculations are required to be cross checked by each user at each level. Dealing officials will be responsible for checking the accuracy of all Calculation in the estimate in all respect.



## Detailed Estimate

Irrigation & Water Resources Department, Haryana



ITEMS							
Sr. No.	Type	Category/Description / Item Size	Unit	Quantity	Unit Rate (Rs.)	Total Amount (Rs.)	
		2nd step short wall	18.00	1.220	0.351	0.457	3.523
		3rd step long wall	18.00	1.678	0.229	1.710	11.828
		3rd step short wall	18.00	1.220	0.229	1.710	8.599
		D/d pipe section of hodi	18.00	0.351	0.102	1.000	-0.644
							<b>41.463</b>
9	HSR	HSR Item <b>6.33.3</b> -Steel reinforcement for R.C.C. work, where not included in the complete rate of RCC, including straightening, cutting, bending, placing in position, binding, wastage, overlaps, welded joints, spacer bars, chairs, stays, hangers and annealed steel wire etc. complete in all respect below plinth level 3. Cold twisted bars <b>HSR Rate(Rs.) 61.00 Through Rate</b>	Kg.	171.414	61.00	10456	
		<b>Description</b>	<b>No./Qty</b>	<b>Length</b>	<b>Breadth</b>	<b>Depth</b>	<b>Total Qty</b>
		steel for Hodi cover	171.41/1.000	0.000	0.000	0.000	171.414
							<b>171.414</b>
10	HSR	HSR Item <b>6.43</b> -Providing, hoisting and fixing above plinth level up to floor four level precast reinforced cement concrete work in string courses, bands, copings, bed plates, anchor blocks, plain window sills and the like, including the cost of required centering, shuttering but , excluding cost of reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size). <b>HSR Rate(Rs.) 4174.00 Through Rate</b>	cum	1.926	4174.00	8039	
		<b>Description</b>	<b>No./Qty</b>	<b>Length</b>	<b>Breadth</b>	<b>Depth</b>	<b>Total Qty</b>
		Hodi cover	18.00	1.678	0.839	0.076	1.926
							<b>1.926</b>
		<b>Sub-Component Total Amount</b>				<b>1084042</b>	
		<b>Component Total Amount</b>				<b>1084042</b>	
		<b>Grand Total</b>				<b>1084042</b>	

**Disclaimer** - Sufficient efforts have been made to make the online calculations accurately. But, calculations are required to be cross checked by each user at each level. Dealing officials will be responsible for checking the accuracy of all Calculation in the estimate in all respect.



## Detailed Estimate

Irrigation & Water Resources Department, Haryana



**WORK NAME:** Estimate for Laying RCC pipeline connecting for village pond Gudha off-taking from km 6.950/L of Nangal Disty.(Under Atal bhujal Yojana).

Final Work Cost Abstract				
Sr.No	Description	Items Amount (Rs)	Total Charges (Rs.)	Total Amount (Rs.)
	Main-Component : pipeline, brickwork, earthwork,cc1:4:8			
	Sub-Component: pipeline, brickwork, earthwork	10,84,042	2,05,968	12,90,009
	Main Component Total	₹10,84,042	₹2,05,968	₹12,90,009
	Grand Total	₹10,84,042	₹2,05,968	₹12,90,009

Executive Engineer  
IRRIGATION Division  
Mahendragarh WS Divn Mahendragarh  
[M/Garh W.S. Divn. M/Garh]

**Disclaimer** - Sufficient efforts have been made to make the online calculations accurately. But, calculations are required to be cross checked by each user at each level. Dealing officials will be responsible for checking the accuracy of all Calculation in the estimate in all respect.



## Detailed Estimate

Irrigation & Water Resources Department, Haryana



**WORK NAME:** Estimate for Laying RCC pipeline connecting for village pond Gudha off-taking from km 6.950/L of Nangal Disty.(Under Atal bhujal Yojana).

Detailed Estimate Abstract Cost (in Rs.)					
Sr. No.	HSR Amount	NS Amount	Permission from Other Department	All Charges	Total Amount
1.	10,84,041.57	0.00	0.00	205967.90	12,90,009.47
<b>Total :-</b>	<b>10,84,042</b>	<b>0</b>	<b>0</b>	<b>205968</b>	<b>12,90,009</b>

Package-Wise Abstract Cost (in Rs.)					
Sr. No.	Package Description	HSR Amount	NS Amount	Total Amount	No. of days require for Completion of this Package by Contractor from dt. of start of work.
1.	<b>Package 1</b> -(Component-1). pipeline, brickwork, earthwork,cc1:4:8	10,84,041.57	0.00	10,84,041.57	180
<b>Total :-</b>		<b>10,84,042</b>	<b>0.00</b>	<b>10,84,042</b>	

**Disclaimer -** Sufficient efforts have been made to make the online calculations accurately. But, calculations are required to be cross checked by each user at each level. Dealing officials will be responsible for checking the accuracy of all Calculation in the estimate in all respect.