

Annex-A

HIMACHAL PRADESH
JAL SHAKTI VIBHAG

State:- H.P
Branch:- JSV

Division :Jhandutta
Sub-Division:- Kalol.

NAME OF WORK:-

Prov. Distribution system of various WSS/LWSS under sub division
Kalol in Tehsil Jhandutta Distt.Bilaspur(H.P.) under JJM (SH:-
C/O R/wall to protect the road to WTP unit from Rd 11 to 22.50)
H.P Govt.
H.P.E.R.B. Bilaspur.

FUNDS:-

MAJOR HEAD:-

MINOR HEAD:-

DETAILED HEAD:-

Estimate prepared by Assistant Engineer JSV sub Division Kalol for
the probable cost of Rs. 4,22,525/- only.

4,25,500/-

R E P O R T

HISTORY

This estimate amounting to Rs. 4,22,525/- only has been framed to
cover the probable cost of above noted sub head work. The A/A & E/S of this scheme has been
accorded by the Secy IPH vide No. IPH-B (F) 03-2/2019 LOOSE dated 24.07.2020 for Rs.1007.29
lacs. Only. Due to change the site of head works at Gangloh there is a sliding area. There is very
necessity of extra retaining wall of the increasing of site development place.

Keeping in view the above facts this estimate has been prepared
and is being submitted for accord of necessary sanction from competent authority.

4,25,500/-

COST:-

Rs. 4,22,525/- only

RATE:-

Analysed rate.

METHOD:-

Departmentally /through contractor.

Assistant Engineer
Jal Shakti Vibhag
Sub Division Kalol (H.P.)
[Signature]

**** Abstract of Cost ****

Name of Work :- Providing distribution system for various WSS/LWSS under I & PH Sub Division Kalol in Tehsil Jhandutta Distt Bilaspur (H.P) (under JJM)) (Sh:- C/O R/wall to protect the Road to WFP unit)

S. No.	Description of items	Qty.	Rate	Unit	Amount
1	Excavation in foundations, trenches etc., in earth work, lift upto 1.50 mts. Stacking the excavated soil not more than 3 mts. Clear from the edge of the excavation & then returning the stacked soil in 15 cms. Layers, when required into plinths sides of foundation etc., consolidating each deposited layers by ramming & watering & then disposing of all surplus excavated earth as directed within all leads & lifts as per entire satisfaction of Engineer in charge.	25.93	360.00 400.00	Cum	9336.00 10372.00
2	Prov. form work with steel plates 3.15 mm thick welded with angle iron in frame 30x30x5mm, so as to give a fair finish i/c centring shuttering, strutting & propping etc. with wooden battens & ballies, ht. of propping & centring below supporting floor to ceiling not exceeding 4.00 mts. & removal of the same for in situ-reinforced concrete & plain concrete work :-		360		34474.20
a)	Vertical surfaces such as wall (any thick.)	95.76	350.00	Sqm	33514.00
3	Providing and laying cement concrete 1:5:10 (1 cement, 5 sand, 10 graded stone aggregate 40 mm nominal size) and curring complete excluding cost of form work	60.49	6014.00	Cum	363787.00
4	Boulder filling behind the retaining wall complete in all respect within all leads and lifts as per entire satisfaction of Engineer in charge.	4.23	3050.00	Cum	12890.00 12902.00
5	Providing and fixing PVC pipe of ISI mark of 100 mm diameter for wheep holes as per direction and to the entire satisfaction of Engineer-in-charge. satisfaction	20.00	150.00 200.00	Rmt	3000.00 4000.00
Total =					422527.00

Say Rs. 4,25,500/-

Say Rs. 4,22,525/- only

Estimate No 382 for the year 2022-23

Assistant Engin
Jal Shakti Vibhar
Sub Division Kal

Executive Engineer
Jal Shakti Division
Jhandutta

technically approved

for Rs 4,25,500/-

425535/-

**** Detail of Measurement ****

Name of Work :- Providing distribution system for various WSS/LWSS under I & PH Sub Division Kalol in Tehsil Jhandutta Distt Bilaspur (H.P) (under JJM)) (Sh:- C/O R/wall to protect the ~~Road to WTP unit~~ *Highway*)

S. No.	DESCRIPTION OF ITEM	Nos.	DIMENSION			Qty.	Unit
			L	B	H/D		
1	Excavation in foundations, trenches etc., in earth work, lift upto 1.50 mts. Stacking the excavated soil not more than 3 mts. Clear from the edge of the excavation & then returning the stacked soil in 15 cms. Layers, when required into plinths sides of foundation etc., consolidating each deposited layers by ramming & watering & then disposing of all surplus excavated earth as directed within all leads & lifts as per entire satisfaction of Engineer in charge.						
	Earth work for R/wall	1.00	11.50	2.20	$(1.25+0.80)/2$	25.93	Cum
					Total	25.93	Cum
2	Prov. form work with steel plates 3,15 mm thick welded with angle iron in frame 30x30x5mm, so as to give a fair finish i/c centring shuttering, strutting & propping etc. with wooden battens & ballies, ht. of propping & centring below supporting floor to ceiling not exceeding 4.00 mts. & removal of the same for in situ-reinforced concrete & plain concrete work :-						
	Vertical surfaces such as wall R/wall	1 x	2	11.50	$(3.85+3.60)/2$	85.68	Sqm.
	Sides	1 x	2		$(0.60+2.20)/2 \times 3.60$	10.08	Sqm.
					Total	95.76	Sqm.
3	Providing and laying cement concrete 1:5:10 (1 cement, 5 sand, 10 graded stone aggregate 40 mm nominal size) and curring complete excluding cost of form work						
	Portion	1.00	11.50	$1/2 \times 2.20$	0.20	2.53	Cum
	R/wall	1.00	11.50	$(0.60+2.20)/2$	3.60	57.96	Cum
					Total	60.49	Cum
4	Boulder filling behind the retaining wall complete in all respect within all leads and lifts as per entire satisfaction of Engineer in charge.						
	Retaining wall	1.00	11.50	$(0.75+0.30)/2$	$0.90+0.50/2$	4.23	Cum
5	P/F PVC pipe for Wheep hole 200 mm dia	1x20				20	Rmt

Assistant Engineer
JSV Sub Division
Kalol