

Schedule XLV-Form No. 134

Salora to Bafqadeh under MR 3054
Agency - m/s Avonish Construction

Executive Engineer

Public Works Department

Coastguard

DIVISION

Block - Bafqadeh

SUB-DIVISION

MEASUREMENT BOOK

1092

1.

Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -	Salona to Bafra ch.				
Agency -	M/s Ananish Const.				
Head -	MR/3054				
Agreement no -	08/M.B.D/3054/2020-2				
Date of Commencement of work -	22/12/202				
Date of Completion of work -	28/02/2024				
Date of Measurement -	26/02/2024				

Measurement

(1) 36	clearing and grubbing Road land (by Manual means) - do -	2X	3400.0	0.700	= 4760.00 M ²
					= 0.480 Ha
(2) 36	Dismantling of existing structures like Culvert - do -	P.C.C	1X	2.50 X 6.00 X 0.100	= 1.500 M ³
(3) 37	Dismantling of existing structures like Culvert - do -	R.C.C	1X	2.50 X 6.00 X 0.200	= 3.00 M ³
(4) 38	Dismantling of existing structures like Culvert - do -	Brick Masonary.	2X	6.00 X 0.800 X 2.00	= 19.200 M ³

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	2x	(3x30)	x	(0.95+0.90)	x 0.450
				2	= 74.925
	2x	(5x30)	x	(0.90+0.75)	x 0.450
				2	= 111.375
	2x	(3x30)	x	(0.75+0.85)	x 0.450
				2	= 64.800
	2x	(1x11)	x	(0.85+0.75)	x 0.450
				2	= 7.920
	2x	(6x30)	x	1.00	x 0.450 = 162.00
	2x	(1x12)	x	1.00	x 0.450 = 10.80
					= 2958.795 m ³
<i>S. Ali</i> <i>26/02/24</i> <i>T.E</i>					
<i>AG</i>					

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Abstract of Cost.					
(1) clearing & grubbing road land (by manual means)					
Qty. vide item no (1) & Page no (1) of TMB.					
i.e - 0.480 ha					
(A) 51133.76/ha					
					₹ 24544.00
(2) Const. of Subgrade & earthen shoulder					
Qty. vide item no (39) & Page no (16) of TMB.					
i.e - 2958.795 m ³					
(A) 176.58/m ³					
					₹ 522464.00
(3) Const. of G.S.D-II by providing well graded material.					
Qty. vide item no (37) & Page no (6) of TMB.					
i.e - 182.986 m ³					
(A) 2207.49/m ³					
					₹ 403807.00
(4) Providing, laying, spreading & compacting stone aggregates, N.B.M-I					
Qty. vide item no (22) & Page no (7) of TMB.					
i.e - 190.506 m ³					
(A) 4033.07/m ³					
					₹ 769277.00
(5) Providing, laying, spreading & compacting stone aggregates, N.B.M-III					
Qty. vide item no (23) & Page no (8) of TMB.					
i.e - 577.11 m ³					
(A) 3710.62/m ³					
					₹ 2141427.00
(6) Providing & applying primer coat with bitumen emulsion (SS1).					

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Qty. Vide Item no (24) & Page no (29) of TMB.					
i.e - 7694.805 m ²					
(a) 44.68/m ²					₹ 343804.00
(7/8) Providing, laying & rolling of close-graded premix.					
Qty. Vide Item no (25) & Page no (9) of TMB.					
i.e - 7694.805 m ²					
(a) 220.49/m ²					₹ 1700475.00
(8/7) Providing & applying tack coat with bitumen emulsion (RS1).					
Qty. Vide item no (26) & Page no (9) of TMB.					
i.e - 24355.160 m ²					
(a) 15.19/m ²					₹ 369955.00
(9/9) Providing & laying S.D.B.C.					
Qty. Vide item no (27) & Page no (11) of TMB.					
i.e - 416.440 m ³					
(a) 11352.50/m ³					₹ 4727635.00
(10/10) Const. of un-reinforced R.C.C Pavement.					
Qty. Vide Item no (28) & Page no (14) of TMB.					
i.e - 186.00 m ³					
(a) 6874.25/m ³					₹ 1278611.00
(11/36) Dismantling of existing structure like Culvert (R.C.C)					
Qty. Vide Item no (2) & Page no (1) of TMB.					
i.e - 1.50 m ³					
(a) 474.16/m ³					₹ 711.00
(12/37) Dismantling of existing structure like					

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Culvert (C.C.)					
Qty. Vide item no (3) & Page no (1) of TMB.					
i.e. - 3.00 m ³					
(A) 1169.61/m ³					₹ 3509.00
(13/38) Dismantling of existing structure like Culvert (Brick masonry)					
Qty. Vide item no (4) & Page no (1) of TM					
i.e. - 19.20 m ³					
(A) 339.50/m ³					₹ 6518.00
(14/23) Earthwork in excavation for top of structure.					
Qty. Vide item no (5) & Page no (2) of TMB.					
i.e. - 110.220 m ³					
Qty. Vide item no (13) & Page no (3) of TMB.					
i.e. - 66.880 m ³					
177.16 m ³					
(A) 294.73/m ³					₹ 52214.00
(15/24) Sand filling in foundation trenches.					
Qty. Vide item no (6) & Page no (2) of TMB.					
i.e. - 8.570 m ³					
Qty. Vide item no (14) & Page no (4) of TMB.					
i.e. - 3.07 m ³					
= 11.64 m ³					
(A) 425.18/m ³					₹ 4956.00
(16/25) Brick flat Soling in foundation trenches.					
Qty. Vide item no (7) & Page no (2) of TMB.					
i.e. - 85.932 m ³					

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(17) 26 Providing R.C.C M-15 Concrete in open foundation.	(a)	289.47/m ²			₹ 24845.00
Qty. Vide item no (8) & Page no (2) of T.M.					
i.e - 18.502 m ³					
Qty. Vide item no (15) & Page no (4) of T.M.					
i.e - 4.820 m ³					
= 23.322 m ³					
(a) 6087.12/m ³					₹ 141963.0
(18) 27 Brick Masonry work in Cement mortar.					
Qty. Vide item no (9) & Page no (2) of T.M.					
i.e - 65.840 m ³					
(a) 5958.17/m ³					₹ 392286.00
(19) 28 Providing & laying R.C.C pipe NPS for Culverts.					
Qty. Vide item no (10) & Page no (3) of T.M.B.					
i.e - 22.50 RM					
(a) 3738.98/RM					₹ 84127.00
(20) 29 Plastering with Cement mortar.					
Qty. Vide item no (11) & Page no (3) of T.M.B.					
i.e - 87.640 m ²					
(a) 182.74/m ²					₹ 16015.00
(21) 30 Providing 1.5 mm Cement painting including curing.					
Qty. Vide item no (12) & Page no (3) of T.M.B.					
i.e - 33.41 m ²					
(a) 62.85/m ²					₹ 2102.00

Continuation

22
Sch. XLV-Form No. 134

Particulars	Details of actual measure			Contents of area
	No.	L.	B.	
(22) (31) Providing & laying of 25 grade concrete in Box cell.				
Qty. Vide item no (16) & Page no (4) of TMR.				
i.e. - 22.74 m ³				
(A) 7754.61/m ³				₹ 176377.00
(23) (32) Back filling behind abutment, using M.S.				
Qty. Vide item no (17) & Page no (4) of TMR.				
i.e. - 7.50 m ³				
(A) 2907.10/m ³				₹ 20931.00
(24) (33) Providing weepholes.				
Qty. Vide item no (18) & Page no (4) of TMR.				
i.e. - 10 nos.				
(A) 90.01/no.				₹ 907.00
(25) (34) Providing & laying boulders approx.				
Qty. Vide item no (19) & Page no (5) of TMR.				
i.e. - 23.420 m ³				
(A) 3698.27/m ³				₹ 86650.00
(26) (35) Supply, fitting & placing HYSD bars.				
Qty. Vide item no (20) & Page no (5) of TMR.				
i.e. - 1.690 MT				
(A) 50355.72/MT				₹ 85101.00
(27) (i) K.M stone.				
Qty. Vide item no (29 i) & Page no (14) of TMR.				
i.e. - 6 nos.				
(A) 24978.57/no				₹ 14985.00
(ii) 200 mm stone.				
Qty. Vide item no (29 ii) & Page no (15) of TMR.				

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
		i.e. - 19 nos.			
(A) 847.07/00				2	19.811.
(28/12) Ponding & creating diversion place identification sign.					
Qty. Vide item no (30) & Page no (15) of					
		i.e. - 1.920 m ² .			
(A) 12848.19/00				2	2466.
(29/14) (i) 600 mm equilateral triangle.					
Qty. Vide item no (31 i) & Page no (15) of					
		i.e. - 22 nos.			
(A) 3547.90/00				2	458.57.
(A) 600 mm Circular.					
		i.e. - 20 nos.			
(A) 4861.93/00				2	97239.00
(iii) 600 mm x 450 mm rectangular.					
Qty. Vide item no (31 iii) & Page no (15) of					
		i.e. - 14.00 nos.			
(A) 4153.83/00				2	58154.00
(30/15) R.C.C 14.15 grade boundary pillars.					
Qty. Vide item no (32) & Page no (15) of					
		i.e. - 48.00 nos.			
(A) 823.31/00				2	25119.00
(31/17) Planting of trees by the road side.					
Qty. Vide item no (33) & Page no (15) of					
		i.e. - 170.00 nos.			
(A) 819.92/00				2	139386.00

Continuation

Particulars		Details of actual measure				Contents of area
		No.	L.	B.	D.	
(32) 18	Providing & laying of hot applied thermoplastic Compound.					
	Qty. vide item no (34) & Page no (15) of TMR.					
	1, l - 879.600 963.600 M ²					
	(a) 742.79/m ²					658358.00 715752.00
(33) 19	Providing & fixing of typical NH&S informatory sign board.					
	Qty. vide item no (35) & Page no (15) of TMR					
	1, l - 3.00 nos.					
	(a) 11514.54/no					34544.00
(34) 20	Brick Masonry work in Cement Mortar.					
	Qty. vide item no (36) & Page no (16) of TMR.					
	1, l - 2.88 4/3					
	(a) 6070.48/m ³					17483.00
(35) 21	Plastering with cement mortar.					
	Qty. vide item no (37) & Page no (16) of TMR					
	1, l - 20.160 20.160 M ²					
	(a) 178.97/m ²					3608.00
(36) 22	Painting two coats including primer coat.					
	Qty. vide item no (38) & Page no (16) of TMR.					
	1, l - 20.160 20.160 M ²					
	(a) 108.98/m ²					2197.00
	Total Amt.					14542360.00 14604754.00
	Add, G.S.T @ 12%					1745083.20 1752570.00
	Less @ 1%					1454961.50 1460481.00

Continuation

9.11.
13/3/24
J.E

not
A.C.

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