

Schedule XLV-Form No. 134
M/Agency - Ashok Kumar Singh
M/BA

Agency - Ashok Kumar Singh

NABARU

295BD/2090-19

आर्य समाज के संस्थापक

DIVISION

अवधुतानि विमोचयामास

Length of Bridge - 34.22 m

SUB-DIVISION

Measurement Book

Amount - 29512.667 = 60

Below - 10%.

DD-06 Start-05/03/2019

Dt of comp- 04/03/2020

ग्रामीण कार्य विभाग/कार्य प्रमंडल पुपरी DIVISION
कार्य भवन प्रमंडल, बीसड़ा SUB-DIVISION

Measurement Book

No. 2105

Name of officer श्री राम कुमार सत्याधी
सहायक अभियंता कार्य भवन प्रमंडल, बीसड़ा

Date of first entry _____

Date of last entry _____

Record measurement for 1st on A/C B/K

1

Name of Work- Construction of Bridge Budd
 Situation of Work- nagra purani Bazar to JASU
 Agency by which work is executed- Road in Bokham
 Date of Measurement- block under NABARD
 No. and date of agreement

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

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Agreement	No-29 (S.B.D)/2018-19				
N/Agency	Ashok Kumar Singh				
Dt of Start	05/03/2019				
Dt of comp	04/03/2020				
Dt of measurement	12/04/19				
	to 20/06/19				
(33) Bored cast in situ					

m-35 grade R.C.C pile					
* Abutment Pile-A ₁ - pile No. (1)					
1 x 24.0 m				r = 24.0 m	
				24.0 m	
				↓	(P ₁)

(2/33) Bored cast in situ m-35					
grade R.C.C pile - pile No. (2)					
1 x 24.0 m				r = 24.0 m	
				24.0 m	
				↓	(P ₂)

(3/33) Bored cast in situ m-35					
grade R.C.C pile					
* Abutment Pile-A ₁ - pile No. (3)					
1 x 24.0 m				r = 24.0 m	

Continuation

		↓	(P ₃)
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4th & Final Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W: - Constr. of bridge					
Budh negra Purani bazar					
to Jaguar in bokhara under					
Nabard.					
N/Agency: - Ashok Kumar Singh					
Agreement no: - 29 (SBD) 2018-9					
Date of start: - 5-03-20					
Date of completion: - 4-03-20					
Date of measurement: - Nil					
Actual date of completion: - 30-01-20					
<u>MEASUREMENT</u>					
Further measurement: - Nil					

REABSTRACT OF COST

(1/1) (i) Setting out: - working
benchmark

Qty (prev) vide TMB P-43

0.075 Km @ 4754 = 35/Km — ₹ 4160200

(2/1) (ii) Setting out pillar

Qty (prev) vide TMB P-43

0.075 Km @ 2136 = 49/Km — ₹ 1069200

(3/2) Clearing & grubbing Road

Land etc.

Qty (prev) vide TMB P-43

0.1602 Ha @ 48731 = 98/Ha — ₹ 8197200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/3) Constr. of embankment with material obtained etc.					
Qty (prev) vide MB No. 2106					
P-45 TMB P-44					
3909.53 m ³ @ 109 = 65/m ³ —					£ 428837=
(5/4) Constr. of embankment with material					
Qty (prev) vide TMB P-44					
3530.269 m ³ @ 146 = 22/m ³ —					£ 516136=
(5/5) Constr. of Subgrade & earthen shoulder with approved etc.					
Qty (prev) vide TMB P-44					
775.447 m ³ @ 143 = 10/m ³ —					£ 1109662=
(7/6) USB - Constr. of Unarmular sub-base by providing etc.					
Qty (prev) vide TMB P-44					
739.185 m ³ @ £ 3247 = 20/m ³ —					£ 2400282=
(8/7) WBM-3 - P/v, Laying, spreading & Compacting					
Qty (prev) vide TMB P-44					
245.584 m ³ @ £ 3775 = 74/m ³ —					£ 928244=
(9/8) Prime Coat:- P/v & applying					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Primer etc.					
Qty (prev) vide TMB P-45					
3274.5 m ² @ 47 = 94/m ² —	₹				156980=
(10/9) Tack Coat:- P/v 2					
applying tack coat					
Qty (prev) vide TMB P-45					
3274.5 m ² @ 16 = 50/m ² —	₹				523923
(11/10) Mix Seal Surface					
P/v, laying & rolling					
Qty (prev) vide TMB P-45					
3274.5 m ² @ 218 = 49/m ² —	₹				715446=
(12/11) (i) acc. mix & grade					
km Stone					
Qty (prev) vide TMB P-45					
1 No @ ₹ 2660 = 18 each —	₹				2660200
(13/11) (ii) 200m Stone (precast)					
Qty (prev) vide TMB P-45					
4 Nos. @ 690 = 03 each —	₹				2760200
(14/12) P & F of typical information					
Sign board etc.					
Qty (prev) vide TMB P-46					
2 No. @ 11275 = 68 each —	₹				22551200
(15/13) (i) P/F of retro reflecto-					
vised Cautionary, mandatory					
Qty (prev) vide TMB P-46					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6 No @ ₹ 4056=34 each :- ₹ 24338=00					
(16/13) (i) P/F of retro-reflectorial road cautionary					
Qty (Prev) vide TMB P-46					
4 Nos @ ₹ 4765=70 each :- ₹ 19063=00					
(17/14) Road marking with hot applied thermoplastic					
Qty (Prev) vide TMB P-46					
160.2 m ² @ 828=86/m ² — = 1,39,414=00					
(18/15) Earthwork in excavation					
of foundation					
Qty (Prev) vide TMB P-46					
83.83 m ³ @ 256=73/m ³ — 21522=00					
(19/16) Laying bricks Soling layer on prepared					
Qty (Prev) vide TMB P-47					
15.96 m ² @ 472=37/m ² — = 7539=00					
(20/17) Providing Pcc M-15 grade in foundation					
10.26 m ³ Qty (Prev) vide TMB P-47					
52.38 m ³ Qty (Prev) vide TMB P-47					
2.39 m ³ Qty (Prev) vide TMB P-47					
65.03 m ³ Qty @ 6338=78/m ³ — = 4,12,211=00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21/18) Providing concrete for Plain reinforced concrete					
Qty (Prev) Vide TMB P-47					
$34.65 \text{ m}^3 @ 6534 = 96/\text{m}^3$					$2,26,436$
(22/19) Providing RCC M-20 grade for Plain reinforced					
3.670 m^3 Qty (Prev) Vide TMB P-47					
1.35 m^3 Qty (Prev) Vide TMB P-47					
$5.02 \text{ m}^3 @ 7554 = 04/\text{m}^3$					37921.00
(23/20) Providing & laying RCC grade M-25 in super/s					
Qty (Prev) Vide TMB P-47					
$6.48 \text{ m}^3 @ 8424 = 64/\text{m}^3$					$54,592.00$
(24/21) S/F and Placing HYSD/TMT bar reinforcement in Super Structure					
Qty (Prev) Vide TMB P-48					
$0.789 \text{ MT} @ 66398 = 43/\text{MT}$					$52,388.00$
(25/22) Brick Masonry work in cm (1:3) in Parapet.					
Qty (Prev) Vide TMB P-48					
$1.687 \text{ m}^3 @ 6467 = 60/\text{m}^3$					$10,911.00$
(26/23) Plastering with cm (1:4) 15 mm					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
thick on brick					
Qty (Prev) Vide TMB P-48					
$12.48 \text{ m}^2 @ 188 = 57/\text{m}^2$					$2357=00$
(27/25) Back filling behind abutment & wing wall					
Qty (Prev) Vide TMB P-48					
$34.06 \text{ m}^3 @ 2721 = 46/\text{m}^3$					$92693=00$
(28/26) Providing Weepholes in brick masonry work					
Qty (Prev) Vide TMB P-48					
30 Nos @ 125 = 25 Each					$3678=00$
(29/27) Drainage Spouts complete					
Qty (Prev) Vide TMB P-49					
2 Nos @ 563 = 04 Each					$1126=00$
(30/28) Providing & laying RCC 600 mm dia Hume Pipe					
Qty (Prev) Vide TMB P-49					
15.0 M @ 3778 = 06/M					$56671=00$
(31/29) E/W in excavation of Foundation					
Qty (Prev) Vide TMB P-49					
$542.084 \text{ m}^3 @ 122 = 57/\text{m}^3$					$66,443=00$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(32/30) Providing & Constructing temporary Island of Qty (Prev) Vide TMB P-49					
1 No @ 299.622 = 08 Each =					2,99,623 = 00
(33/31) Providing & Constructing Chespan Service Road Qty (Prev) Vide TMB P-49					
34.22 m @ 2946 = 08 /m =					1,00,815 = 00
(34/32) Providing Steel Liner 10mm thick For Suras					
Qty (Prev) Vide TMB P-50					
4.379 MT @ 82003 = 02 /MT =					3,59,091 = 00
(35/33) Bored Cast in situ M-35 grade RCC pile Qty (Prev) Vide TMB P-50					
432.0M @ 17503 = 05 /M =					75,61,318 = 00
(36/34) Dismantling of Existing Structure Qty (Prev) Vide TMB P-50					
12.096 m ³ @ 1113 = 79 /m ³ =					1,34,72 = 00
(37/35) Providing & laying of PCC M-15 levelling Course					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty (Prev) Vide TMB P-50					
11.319 M ³ @ 68.38 = 774.08					774.08
(38/38) RCC grade M-30 in Pile					
Cap complete					
Qty (Prev) Vide TMB P-50					
239.598 M ³ @ 81.94 = 19,591.81					19,591.81
(39/39) S/F & Placing Un-coated					
HYSD bar reinforcement					
Qty (Prev) Vide TMB P-51					
77.115 MT @ 710.83 = 54,815.74					54,815.74
(40/39) Providing RCC M-30 mechanically mixed concrete					
Qty (Prev) Vide TMB P-51					
115.202 M ³ @ 85.71 = 9,874.41					9,874.41
(41/39) S/F & Fixing elastomeric					
Bearing & Seismic Pad					
Qty (Prev) Vide TMB P-51					
2414.5520 cm ² @ 1.03/cm ² = 2,486.99					2,486.99
(42/40) Providing Weepholes in Abutment cap with -					
Qty (Prev) Vide TMB P-51					
48 Nos @ 132 = 6359					6359

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(43/44) S/F Placing M.YSD Bar reinforcement in substructure					
Qty (Prev) Vide TMB P-51					
8.668 MT @ 71244 = 67 / MT					6,17,549.20
(44/45) Backfilling behind abutment wing wall & return wall					
Qty (Prev) Vide TMB P-52					
219.150 m ³ @ 687 = 90 / m ³					1,50,753.00
(45/46) Providing & laying of filter media with granular					
Qty (Prev) Vide TMB P-52					
13.83 m ³ @ 3357 = 7 / m ³					1,46,160.00
(46/47) Providing M-30 concrete in seismic block					
Qty (Prev) Vide TMB P-52					
2.301 m ³ @ 9128 = 62 / m ³					21,005.00
(47/48) Providing RCC M-30 grade & Super-structure					
Qty (Prev) Vide TMB P-52					
122.40 m ³ @ 9366 = 55 / m ³					11,46,466.00
(48/49) S/F and Placing M.YSD bar reinforcement in Super/s					
Qty (Prev) Vide TMB P-52					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20.746 MT @ 72382 = 82/MT — = 15,01,654 =					
(49/47) Wearing coat - Providing and laying Cement Concrete					
Qty (Prev) Vide TMB P-53					
23.252 M ³ @ 13420 = 27/M ³ — = 3,12,048 =					
(50/48) Construction of RCC railing of M-30 grade					
Qty (Prev) Vide TMB P-53					
82.68 M @ 2087 = 84/M — = 1,72,627 =					
(51/49) Providing Drainage Spouts					
Qty (Prev) Vide TMB P-53					
8 Nos @ 909 = 49 Each — = 72,76 =					
(52/50) Providing PCC M-15 grade in Approach Slab					
Qty (Prev) Vide TMB P-53					
8.10 M ³ @ 7092 = 17/M ³ — = 57,447 =					
(53/51) Providing PCC/RCC M-30 in Approach Slab -					
Qty (Prev) Vide TMB P-53					
16.20 M ³ @ 11659 = 27/M ³ — = 1,88,888 =					
(54/52) P & L of a Strip Seal expansion joint					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty (Prev) Vide TMB P-54					
26.55 M @ 13614 = 54/M					3,61,416.00
(55/55) Providing & applying two coats of plaster					
Qty (Prev) Vide TMB P-54					
1000.0 M ² @ 116 = 39/M ²					1,16,370.00
(56/56) Providing & painting of					
Flood gauge on sub/S					
Qty (Prev) Vide TMB P-54					
1 Nos @ 10000 = 00 Each					10,000.00

(57/57) Providing and erecting of					
Direction & Place					
Qty (Prev) Vide TMB P-54					
1.80 M ² @ 12720 = 50/M ²					22,897.00

(58/58) Providing and laying					
boulder apron on river bed					
Qty (Prev) Vide TMB P-54					
215.75 M ³ @ 3097 = 19/M ³					9,71,938.00

(59/59) Providing and laying					
Pitching on slopes bed over					
Prepared					
Qty (Prev) Vide TMB P-55					
675.75 M ³ @ 3097 = 19/M ³					20,92,926.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(60/51) Providing & laying Filter Material Under drain					
Qty (Prov) Vide TMB P-55					
337.875 m ³ @ 3386 = 62/m ³ — =					11,44,254=00
(61/6) G.S.B. G-I - (const. of granular Sub base					
Qty (Prov) Vide TMB P-55					
30.375 m ³ @ 3247 = 20/m ³ — =					48634=00
					3,28,22,766=00
Less 10% below as per agg. (-)					3282277=00
					= 29540489=
Less Previous Payment vide TMB P-55 to 57					= 26154635
					Net = 33,83,816=00
Forwarded 30-09-20 JE					
30.9.20 AR					
30-9-20					