

3rd on A/C Bill

20

Sch. XLV—Form No. 134

Sch. XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of Work	Const. of RCC Bridge in Dargana Dhandaha Bannankhi P.W.D. Road to Khanwa Thari				
Agency	Pappu Kumar Singh At. + P.O. + P.S. → Dhandaha Dist. - Purnea				
Agreement No	29/SB D/23-24				
Date of Commencement	23/01/24				
Date of Completion	22/01/25				
RECORD — ENTRY					

Item 1/11	Providing and laying filter Media with granular Crushed				
	to — EI —				
Abut. = 2 Nos	$\times 7.30m \times 0.60m \times 4.15m = 36.35m^3$				
2/Wall = 4 Nos	$\times 7.50m \times 0.60m \times 4.15m = 74.70m^3$				
	Total = 111.05 m ³				
Item 2/10	Backfilling behind abutment wing wall and return				
	to — EI —				
R/Wall = 4 Nos	$\times 5.20m \times 4.20m \times 4.03m = 352.06m^3$				
Abut. 8R/Wall = 2 Nos	$\times 1.15m \times 7.30m \times 3.80m = 63.80m^3$				
	Continuation Total = 415.86 m ³				

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Particulars	Details of actual measurement				
	No.	L.	B.	D.	
					$\text{says B.P.} = 415.86\text{m}^2$
					$\text{less Filter Media (TMBP-20)} = 111.05\text{m}^2$
					$\text{Total} = 304.81\text{m}^2$
					$\text{Limit} = 304.37\text{m}^2$
Item 3/18		PCC M-15 ordinary			
		grade levelling			
		course below			
		— do — EI —			
					$2 \text{ Nos} \times 3.50\text{m} \times 8.45\text{m} \times 0.15\text{m} = 8.87\text{m}^2$
Item 4/19		Reinforced Cement			
		concrete M-30			
		grade approach			
		— do — EI —			
					$2 \text{ Nos} \times 3.50\text{m} \times 8.45\text{m} \times 0.30\text{m} = 17.74\text{m}^2$
Item 5/20		Strip Seal			
		expansion joint			
		— do — EI —			
					$2 \text{ Nos} \times 8.45\text{m} = 16.90\text{m}$
Item 6/15		Providing and			
		laying cement			
		concrete wearing			
		— do — EI —			
					$1 \text{ Nos} \times 24.54\text{m} \times 7.50\text{m} \times 0.075\text{m} = 13.80\text{m}^2$

Continuation

Sch. XI.V—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 7/16 Provision of an RCC Crash Barrier at the Bridge	do		EI		
2.00 Nos X 24.50m					= 49.00m
Item 8/30 Clearing and grubbing Road Land (By Manual)	do		EI		
2 Nos X 30.00m X 8.00m					= 480.00m ²
1 Nos X 10.00m X 8.00m					= 80.00m ²
2 Nos X 30.00m X 8.00m					= 480.00m ²
1 Nos X 10.00m X 8.00m					= 80.00m ²
					total = 1120.00m ²
					= 0.11 Ha
Item 9/35 Const. of Subgrade and earthen shoulder with	do		EI		
2 Nos X 30m X 8.45m + 7.25m X 0.30m					= 94.20m ³
1 Nos X 30m X 8.45m + 7.25m X 0.30m					= 70.65m ³
1 Nos X 20.50m X 8.45m + 7.25m X 0.30m					= 48.28m ³
					total = 213.13m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 ¹⁰ Const. of Embankment					
With approved					
Material obtained					
to — E I —					
CH	Area	Mean Area	Dist	=	Qty.
0	6.722	—	—	=	00.00m ³
5	7.589	7.1555	5	=	35.778m ³
15	10.076	8.8325	10	=	88.325m ³
25	14.711	12.3935	10	=	123.935m ³
35	16.992	15.8515	10	=	158.515m ³
40	18.484	17.738	5	=	88.697m ³
45	19.529	19.065	5	=	95.0325m ³
50	23.965	21.747	5	=	108.735m ³
56.50	32.426	31.6955	6.50	=	206.021m ³
61.00	59.454	49.44	4.50	=	222.48m ³
Bridge Gap					
92	63.002	61.228	0	=	00.00m ³
95.50	56.357	59.6795	3.50	=	208.878m ³
100	34.419	45.388	4.50	=	204.246m ³
105	33.774	34.0965	5	=	170.4825m ³
115	21.859	27.8165	10	=	278.165m ³
120	19.792	20.8255	5	=	104.1275m ³
125	15.572	17.682	5	=	88.41m ³
130	13.754	14.663	5	=	73.815m ³
135	10.719	12.2765	5	=	61.383m ³
140	8.298	7.5555	5	=	47.7425m ³
145	6.813	6.0655	5	=	48.529m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
153	5.318	6.0655	8	=	48.524m ²
		total = 2			456.562m ²
154	12/33	Const. of Embankment with Material obtained from			
		do ——— EI — 407.57m ²			
155	12/34	Const. of Embankment with Material obtained from			
		do ——— EI — 2042.99m ²			
156	13/35	Const. of Subgrade and cross-section shoulder with			
		do ——— EI —			
	1. No. $\times 30m \times 8.45m + 7.25m \times 0.30m$				141.30m ²
	2				
	2. No. $\times 30m \times 8.45m + 7.25m \times 0.30m$				70.65m ²
	2				
	3. No. $\times 20.50m \times 8.45m + 7.25m \times 0.30m$				48.28m ²
	2				
	A) total = 260.23m ²				
157	14/36	Const. of GSR by providing well			
		do Continuation EI —			

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 Nos X 30m X 4.05m X 0.20m =					48.60m ³
1 Nos X 1.00m X 4.05m X 0.200m =					0.81m ³
2 Nos X 30m X 4.05m X 0.200m =					48.60m ³
1 Nos X 1.00m X 4.05m X 0.200m =					1.21m ³
					<u>total = 99.22m³</u>
Item 15/35 Const. of Subgrade and earthen shoulder with					
to G.I.					
2 Nos X 30m X 1.50m X 0.20m =					18.00m ³
2 Nos X 25m X 1.50m X 0.20m =					15.00m ³
2 Nos X 30m X 1.50m X 0.20m =					18.00m ³
2 Nos X 25.50m X 1.50m X 0.20m =					15.30m ³
					<u>(B) total = 66.30m³</u>
Item 16/37 Providing laying spreading and compacting stone					
to G.I.					
1 Nos X 1.00m X 3.75m X 0.20m =					
2 Nos X 30m X 3.75m X 0.075m =					16.65m ³
1 Nos X 1.00m X 3.75m X 0.075m =					0.28m ³
2 Nos X 30m X 3.75m X 0.075m =					16.65m ³
1 Nos X 1.50m X 3.75m X 0.075m =					0.42m ³
					<u>total = 34.00m³</u>

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 17/35 Const. of Subgrade and earthen shoulders					
— 10 — E I —					
2 Nos X 30.00 M X 1.275 M X 0.150 M =					11.475 m ³
2 Nos X 25.50 M X 1.275 M X 0.150 M =					9.58 m ³
2 Nos X 30.00 M X 1.275 M X 0.150 M =					11.475 m ³
2 Nos X 25.50 M X 1.275 M X 0.150 M =					9.58 m ³
(C) Total =					42.26 m ³
					21.14 m ³
Item 18/38 Providing and applying prime coat with					
— 10 — E I —					
2 Nos X 30.00 M X 3.75 M =					225.00 m ²
1 Nos X 1.00 M X 3.75 M =					3.75 m ²
2 Nos X 30.00 M X 3.75 M =					225.00 m ²
1 Nos X 1.50 M X 3.75 M =					5.62 m ²
✓ Total =					459.37 m ²
Item 19/39 Providing and applying tack					
— 10 — E I —					
2 Nos X 30.00 M X 3.75 M =					225.00 m ²
1 Nos X 1.00 M X 3.75 M =					3.75 m ²
2 Nos X 30.00 M X 3.75 M =					225.00 m ²
1 Nos X 1.50 M X 3.75 M =					5.62 m ²
✓ Total =					459.37 m ²
Item 20/40 Providing Laying and rolling of					
— 10 — Continuation E I —					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 Nos X 30 M X			3.75 M		225.00 m^2
1 No X 8.75 M X			3.75 M		3.75 m^2
2 Nos X 30 M X			3.75 M		225.00 m^2
1 No X 1.50 M X			3.75 M		5.62 m^2
Total					459.37 m^2
2 nd E/W calculation					
with Constant					
CH	Area	Mean Area	Dist.		Qty.
0	13.403	—	—		00.00 m^2
5	13.925	13.664	5		68.32 m^2
15	16.952	15.438	10		154.385 m^2
25	23.789	20.370	10		203.705 m^2
35	27.05	25.412	10		254.195 m^2
40	29.24	28.155	5		140.778 m^2
45	28.829	29.045	5		145.225 m^2
50	32.186	30.507	5		152.5375 m^2
56.50	52.909	42.542	6.50		276.559 m^2
61	49.315	60.112	4.50		297.504 m^2
Bridge Grab					
92	83.553	—	—		00.00 m^2
95.50	78.717	81.135	3.50		283.973 m^2
100	46.523	62.62	4.50		281.79 m^2
105	46.272	46.397	5		231.9875 m^2
115	27.553	36.912	10		369.125 m^2
120	25.595	26.574	5		13287 m^2
125	22.019	23.807	5		119.035 m^2

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
130	28.239	21.129	5	=	105.645 ^m
135	15.82	18.0295	5	=	90.148 ^m
140	12.68	14.219	5	=	71.095 ^m
145	11.462	12.04	5	=	60.20 ^m
153	6.08	8.771	8	=	70.168 ^m
Total E/w With Gurst = 350.224 ^m					
Less GISB (FM BP-25) = 1-199.22 ^m					
Less Subgrade (TMBP-24) = 1-1260.23 ^m					
Less Subgrade (TMBP-25) = 1-166.30 ^m					
Less Subgrade (TMBP-26) = 1-121.14 ^m					
Less NBH-3 (TMBP-25) = 1-134.00 ^m					
Total E/w = 3028.35 ^m					
Item 23/33	Cont. of embankment				
	with approved				
	Materials deposited				
— to —	GI	504.36 ^m			
Less Previous qty. (TMBP-24) = 1-1407.57 ^m					
Total = 96.86 ^m					
Item 23/34	Cont. of embankment				
	with Materials				
	obtained from				
— to —	GI	2523.99 ^m			
Less Previous qty. (TMBP-24) = 1-2042.99 ^m					
Total = 481.00 ^m					

Continuation

Material Statement

~~M~~ 05/8/24
JE

Continuation

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
Item 1/2 E/A in excavation for structure	—	—	—	—	
— do — EI —					
Qty. vide TMBP (15)					
849.09 m ² @ Rs 427.03/m ² Rs 362642.00					
Item 2/4 Providing concrete for plain/reinforced	—	—	—	—	
— do — EI —					
Qty. vide TMBP (15)					
37.76 m ³ @ Rs 7543.74/m ³ Rs 284852.00					
Item 3/6 RCC gate M-35					
in substructure	—	—	—	—	
— do — EI —					
Qty. vide TMBP (15)					
342.543 m ² @ Rs 9707.80/m ² Rs 3325339.00					
Item 4/7 Supplying fitting and placing HSD	—	—	—	—	
— do — EI —					
Qty. vide TMBP (16)					
24.963 MT @ Rs 80658.60/MT Rs 2013481.00					
Item 5/8 Providing weepholes in Brick masonry	—	—	—	—	
— do — EI —					
Qty. vide TMBP (17)					

Continuation

5986314.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
68 Nos	G Rs	135.60/Nos	Rs		9221=0
Item 6/10	Back filling behind abutment wing				
	do		ET		
Qty. vide	TMB P	(21)			
304.37 m	G Rs	991.00/m	Rs		301631=0
Item 7/11	Providing and laying filter media with gravel				
	do		ET		
Qty. vide	TMB P	(20)			
111.05 m	G Rs	4299.80/m	Rs		477493=0
Item 8/12	Providing and laying reinforced				
	do		ET		
Qty. vide	TMB P	(18)			
14.656 m	G Rs	9918.40/m	Rs		938836=0
Item 9/14	Supplying fitting and placing HTSD				
	do		ET		
Qty. vide	TMB P	(18)			
7.958 MT	G Rs	82321.80/MT	Rs		655117=0

Continuation

8368612=0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 10/15 Graveling and laying R.C.C. in — do — E.I. —					
Qty. vide TMBP (21)					
13.80 MG Rs 18233.60/M Rs 251624.00					
Item 11/16 Provision of an R.C.C. Gash barrier — do — E.I. —					
Qty. vide TMBP (22)					
49.00 MG Rs 5870.40/M Rs 287650.00					
Item 12/17 Drainage Spouts complete as per — do — E.I. —					
Qty. vide TMBP (18)					
8.00 Nos MG Rs 699.00/Nos Rs 5592.00					
Item 13/18 P.C.C. M-15 ordinary grade (1:2.5:5) — do — E.I. —					
Qty. vide TMBP (21)					
8.87 MG Rs 7543.70/M Rs 66913.00					
Item 14/19 R.C.C. M-30 grade approach slab — do — Continuation E.I. —					
					8980391.00

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Qty. vide TMBP (21)					
17.74 m ² G Rs		14840.30	/m ² Rs		263267.00
Item 15/20 Strip Seal expansion Joint (providing and					
do — EI —					
Qty. vide TMBP (21)					
16.90 m G Rs		10754.80	/m ² Rs		181756.00
Item 16/27 Const. of					
Embankment with					
do — EI —					
Qty. vide TMBP (16)					
725.00 m ² G Rs		256.60	/m ² Rs		186035.00
Item 17/28 Const. of GSB					
by providing					
do — EI —					
Qty. vide TMBP (16)					
30.086 m ² G Rs		4111.30	/m ² Rs		123693.00
Item 18/29 Providing and					
laying R.C.C. pipe					
do — EI —					
Qty. vide TMBP (16)					
37.50 m G Rs		4263.30	/m ² Rs		159874.00

Continuation

9895016.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 19/30	Cleaning and grubbing				
	Road Land (By Manual)				
	— do —	—	EI	—	
	Qty. vide	TMBP	(22)		
	0.11 Hn G Rs	75.5	73.34/Hn Rs	8314 =	10
Item 20/31	Dismantling of				
	Existing structure				
	— do —	—	EI	—	
	Qty. vide	TMBP	(17)		
	210.00 m ² G Rs	691.24/m ² Rs	140960 =		10
Item 21/32	Dismantling of				
	existing structure				
	— do —	—	EI	—	
	Qty. vide	TMBP			
	150.96 m ² G Rs	312.49/m ² Rs	47173 =		10
Item 22/33	Const. of Embankment				
	with approved				
	— do —	—	EI	—	
	Qty. vide	TMBP	(24) + (28)		
	407.57 m ² + 96.86 m ²				
	504.36 m ² G Rs	79.78/m ² Rs	40238 =		10
Item 23/34	Const. of Embankment				
	With Material				
	— do —	Continuation	EI	—	

10131701 = 10

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Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
Qty. vide TMBP (27) + (28)					
2042.99 m ² + 481.50 m ²					
2523.99 m ² G Rs 256.69/m ² Rs					647757=
Item 24/35 Const. of Subgrade and concrete shoulder					
— do — E I —					
Qty. vide TMBP (29) + (30) + (31)					
260.23 m ² + 66.30 m ² + 21.14 m ²					
347.67 m ² G Rs 260.32/m ² Rs					90505=
Item 25/36 Const. of GSB by providing WLL					
— do — E I —					
Qty. vide TMBP (25)					
99.22 m ² G Rs 4111.29/m ² Rs					407922=
Item 26/37 Providing laying spreading and					
— do — E I —					
Qty. vide TMBP (25)					
34.50 m ² G Rs 4465.69/m ² Rs					151833=
Item 27/38 Providing and applying primer					
— do — E I —					
Qty. vide TMBP (26)					
459.37 m ² G Rs 60.25/m ² Rs					27677=

Continuation

11457395=

Continuation

Continuation