

**कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमंडल छपरा 2**

पत्रांक

578 अनु०

छपरा/दिनांक 16/03/2021

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी,
बिहार ग्रामीण पथ विकास अभिकरण (ब्राडो),
बिहार, पटना।

विषय:- नई अनुरक्षण नीति 2018 (Head - 3054) योजना मद में आवंटन उपलब्ध कराने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि नई अनुरक्षण नीति 2018 (Head - 3054) योजना अंतर्गत 01 (एक) पथ में राशि का अधियाचना विहित प्रपत्र में तैयार कर माप पुस्त की छायाप्रति, Bump Indecator का Reading संलग्न कर आवश्यक कार्रवाई हेतु समर्पित की जा रही है।

अतः अनुरोध है कि पत्र के साथ संलग्न अधियाचना प्रपत्र में अंकित राशि उपलब्ध कराने की कृपा की जाय ताकि संवेदक के विपत्र का भुगतान किया जा सकें।

अनु०:- यथोक्त।

विश्वासभाजन

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, छपरा 2

16/03/21

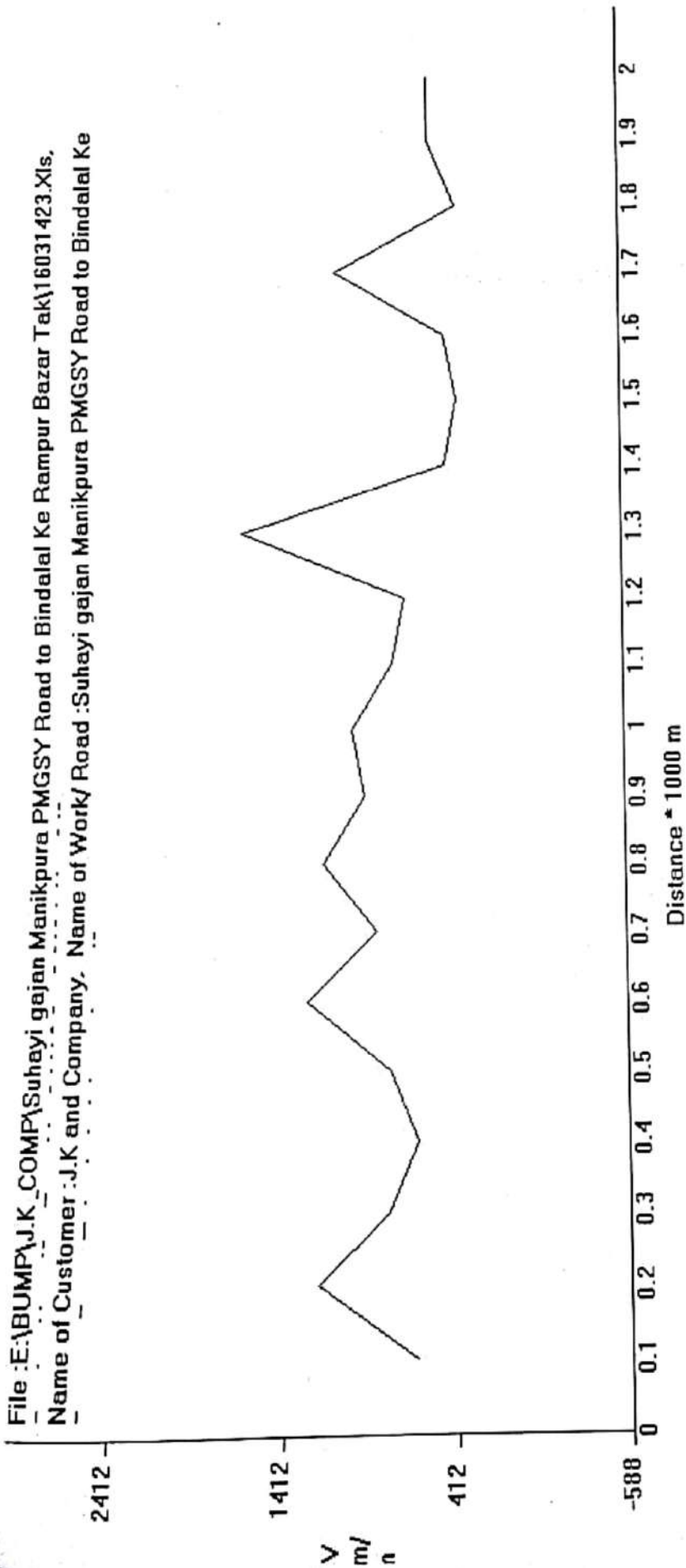
Requisition Format for Scheme Head :- MR (3054) under Bihar Rural Road Maintenance Policy - 2018 (Initial Rectification and Surface Renewal)

Name of Division :- Rural Works Department, Works Division, Chapra-2

Sl. No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (In Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Allotted Amount (in Lakh)	Up-to-date expenditure as per MIS (in Lakh)	Requisition against work done (in Lakh)	Remarks
					Length (in km)	Amount (in Lakh)	Initial Rectification with surface Renewal (in Lakh)	5 Years Routine Maintenance (in Lakh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	MR-N/20-21/Chapra-2/02	Sohai Gajjan Manikpur PMGSY Road Se Bindalal Ke Bazar Tak.	313631037557	Lt. No. 3482 Dated 21.09.20	2.00	177.42000	140.04671	19.82798	109 MBD/20-21	02.03.22	02.03.22	811.714	25.00	5%	0.00	0.00	131.57286	MB No. 3376, Page No. 01 to 18


 Executive Engineer
 Rural Works Department,
 Works Division, Chapra-2

File : E:\BUMP\J.K_COMP\Suhayi gajan Manikpura PMGSY Road to Bindalal Ke Rampur Bazar Tak\16031423.Xls,
 Name of Customer : J.K and Company, Name of Work/ Road : Suhayi gajan Manikpura PMGSY Road to Bindalal Ke



Executive Engineer
 R.W.D., Works Division,
 Chapra-2

Lab Job number :48

Date :16-03-2021

Name of Customer :J.K and Company

Name of Work/ Road :Suhayi gajan Manikpura PMGSY Road to Bindalal Ke Rampur
Bazar Tak

Sr.no	Location or Corrected U.I test(in km) value(mm/km)	Road catagory
2	0.1	656 G
3	0.2	1228 G
4	0.3	820 G
5	0.4	656 G
6	0.5	820 G
7	0.6	1309 G
8	0.7	901 G
9	0.8	1228 G
10	0.9	983 G
11	1	1064 G
12	1.1	820 G
13	1.2	738 G
14	1.3	1717 G
15	1.4	493 G
16	1.5	412 G
17	1.6	493 G
18	1.7	1146 G
19	1.8	412 G
20	1.9	575 G
21	2	575 G


66/3/21
Executive Engineer
R.W.D., Works Division,
Chapra-2

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI CATEGORY	Latitude ongtitude	Event
16/3/21	13:51:22	48	0.1	50	0	500	656 G	25.98532	84.61882 Normal
16/3/21	13:52:0	48	0.1	120	20.2	1200	1228 G	25.98461	84.6183 Normal
16/3/21	13:52:0	48	0.1	70	20.2	700	820 G	25.98376	84.61832 Normal
16/3/21	13:52:0	48	0.1	50	30.3	500	656 G	25.98292	84.61828 Normal
16/3/21	13:52:33	48	0.1	70	30.3	700	820 G	25.98201	84.61833 Normal
16/3/21	13:52:33	48	0.1	130	30.3	1300	1309 G	25.98111	84.61855 Normal
16/3/21	13:53:0	48	0.1	80	30.3	800	901 G	25.98023	84.61832 Normal
16/3/21	13:53:8	48	0.1	120	10.1	1200	1228 G	25.9793	84.61823 Normal
16/3/21	13:53:8	48	0.1	90	10.1	900	983 G	25.97875	84.61852 Normal
16/3/21	13:53:43	48	0.1	100	30.3	1000	1064 G	25.97862	84.61956 Normal
16/3/21	13:54:0	48	0.1	70	30.3	700	820 G	25.97839	84.62052 Normal
16/3/21	13:54:0	48	0.1	60	30.3	600	738 G	25.97821	84.6215 Normal
16/3/21	13:54:18	48	0.1	180	20.2	1800	1717 G	25.97791	84.62242 Normal
16/3/21	14:19:33	48	0.1	30	30.3	300	493 G	25.98288	84.6147 Normal
16/3/21	14:20:0	48	0.1	20	30.3	200	412 G	25.98264	84.61566 Normal
16/3/21	14:20:8	48	0.1	30	30.3	300	493 G	25.98287	84.6165 Normal
16/3/21	14:20:8	48	0.1	110	30.3	1100	1146 G	25.98364	84.61705 Normal
16/3/21	14:20:8	48	0.1	20	30.3	200	412 G	25.98394	84.61786 Normal
16/3/21	14:20:8	48	0.1	40	40.4	400	575 G	25.9847	84.618 Normal
16/3/21	14:20:43	48	0.1	40	40.4	400	575 G	25.98549	84.61889 Normal

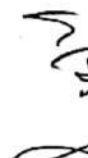
$$Y = 0 * X^2 + 0.816 * X + 249$$

$$X = 400$$

$$Y = 575$$

(R) RURAL ROAD

Good Average Poor
<4000 4001-5000 >5001


Executive Engineer
 R.W.D., Works Division,
 Chapra-2

MR. N/20-21 CHAPRA-2102 M.B.NO-3376

ମିଶ୍ର ଶ୍ରୀମତୀ - ମାମୁଳିକ ପୁରୀ ଗୋପାଳପୁର ପୋଲିସ୍ ଥାନା ଅଧୀନରେ
କୋଉଟା ଥାନା

Schedule XLV Form No. 134.

ପଞ୍ଜୀକରଣ ନମ୍ବର - 109 / M130 / 20-21

ସୂଚକ ନିମ୍ନ ଲିଖିତ ପୋଲିସ୍ ଥାନା

DIVISION

ଶ୍ରୀ ଶ୍ରୀମତୀ ଶ୍ରୀମତୀ ପ୍ରମିଳା ଦେବୀ

SUB-DIVISION

୨୧୦୨୧୫୭

Measurement Book

M.B.NO-3376

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Est on A/C Bill					
Name of Work—					
Machipura P.M. 6.5.4					
Lead to Bindal					
KC Bazar Tek					
Agency—					
S. K. R. Chakraborty					
Company					
Agg. No. 4					
Agg. Amount—					
Date of start—					
Completion dt—					
Length—					2.0 Km
①/1 Setting out &					
pillar—					EIT
2 x 2					
②/2 Closing and					
grabbing head					
laid—					EIT
2 x 40 x 25 x 1.0 = 2000					
2 x 40 x 25 x 1.0 = 2000					
					T = 4000.0
4000					
10000					
					0.40 H/L

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③/3 Rmoringall Types of H.P. ← E.H.					
	2	7.50			= 15.00 m
④/4 Box - cutting EXCAVATION for 605 P.H.P. - E.H.					
	2	40	25.0	52	100 = 105
	2	40	25.0	52	100 = 105
					T = 210.00 m
⑤/7 Casting of and castings					
→ L.P. under E.H.					
Sidings 115	2	40	25.0	2.00	10 = 410
	2	40	25.0	2.05	10 = 410
Sidings 26.13	2	40	25.0	2.00	10 = 410
	2	40	25.0	2.05	10 = 410
Sidings 6.00	2	40	25.0	1.00	10 = 210.0
Sidings 6.00	2	40	25.0	1.00	10 = 210.0
					T = 2060.00 m
⑥/8 Casting of G.S.B. by P.V. wall graded materials ← E.H.					
P.V. 10 connection					

Continuation

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$5 \times 30.0 \times 3.0 \times 10 = 45.0$
					$5 \times 30.0 \times 3.0 \times 10 = 45.0$
					$T = 90.0 m^3$
					(a)
G.S.B 1" widening					$2 \times 40 \times 25.0 \times 5.2 \times 20 = 210.0$
					$2 \times 40 \times 25.0 \times 5.2 \times 20 = 210.0$
					$T = 420.0 m^3$
					(b)
G.S.B 1" full width					$20 \times 25.0 \times 4.05 \times 10 = 202.50$
					$20 \times 25.0 \times 4.05 \times 10 = 202.50$
					$Cure - 14 \times 25.0 \times 5.15 + 4.05 \times 10 = 144.0$
					$APP - 2 \times 25.0 \times 6.60 + 4.05 \times 10$
					$= 26.625$
92					$24 \times 25.0 \times 4.05 \times 10 = 243.0$
2000m length					$T = 835.625$
					$It = 0.834.60 m^3$
					(c)
					$APP a+b+c$
					$= 1344.60 m^3$
(7/9) W.B.M Gravel					
P/W, Laying					
Spreading and					
Compacting					
					$20 \times 25.0 \times 3.25 \times 0.25 = 140.625$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/10 20 x 25.0 x 3.75	20	25.0	3.75	0.75	= 140.625
1/10 14 x 25.0 x 4.50	14	25.0	4.50	3.75	= 108.75
App 2 x 25.0 x 6.0	2	25.0	6.0	3.75	= 187.5
24 24 x 25.0 x 3.75	24	25.0	3.75	0.75	= 168.75
2000 m					T = 576.562
length					17 + 0.573.750 m²
(8)/10 Prime coat:-					
p/v and applying					
prime coat with					
bitumen emulsion					
SS1					
20 x 25.0 x 3.75	20	25.0	3.75		= 187.50
20 x 25.0 x 5.25	20	25.0	5.25		= 187.50
App 14 x 25.0 x 4.50	14	25.0	4.50	3.75	= 144.375
App 2 x 25.0 x 6.0	2	25.0	6.0	3.75	= 243.75
24 24 x 25.0 x 3.75	24	25.0	3.75		= 225.00
					T = 768.750
					17 + 0.768.750 m²
(9)/11 Thick coat:-					
p/v and applying					
thick coat RS1					
E/F					
7650.00 m ² at same item					
No (8)/10 p.v. (9)					
(10)/12					
m.s.s 20mm					
thick layer					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
graded pavers					
Calculated area of driveway					
5-90					EPI
7650.00 sq. ft. same item					
NO. 3 IN P.N-4					
(11)/3 Road marking					
with hot applied thermoplastic					
Compound-EPI					
$2 \times 40 \times 25.0 \times 10 = 200.00$					
$2 \times 40 \times 25.0 \times 10 = 200.00$					
					$T = 400.00$
(12)/25 P/V and fixing					
logo to project					
					EPI
400					
(13)/26 R.C.C. Box-Culvert					
$1 \times 3.00 \times 2.00$					
E/N in exca-					
vation-EPI					
$1 \times 6.0 \times 4.40 \times 2.95 = 77.88$					
R/N $4 \times 1.50 \times .60 \times 2.95 = 10.62$					
Add qty of all items					8.85
					$T = 97.55$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14)/27 Sand filling in for trench					
					E14
					$1 \times 6.0 \times 4.40 \times .20 = 5.28$
R/W - 4					$1.50 \times .60 \times .20 = 0.72$
					$T = 6.00 \text{ m}^3$
(15)/28 Const + 2 gravel sub-base for P/V					
					Const or graded material
					E15
					$1 \times 6.0 \times 4.40 \times .30 = 7.92$
R/W - 4					$1.50 \times .60 \times .30 = 1.08$
					$T = 9.00 \text{ m}^3$
(16)/29 P/V P.C.C. 1710 (1+3+6) for					
					P/W Conc - E16
					$1 \times 6.0 \times 4.40 \times .20 = 5.28$
R/W - 4					$1.50 \times .60 \times .20 = 0.72$
					$T = 6.00 \text{ m}^3$
(17)/30 P/V and laying for 7 foot cast concrete C.C. 1725 1.0 sub					
					St - E17
					$1 \times 6.0 \times 4.40 \times .25 = 6.60$
R/W - 4					$1.50 \times .60 \times .25 = 0.90$
					$T = 7.50$
					m^3

Continuation

R.T.M

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18)/31 R 21' x 10' x 4' 6" x 10'					
Coat C. 10' x 25'					
Super - 8' x 4' x 10'					
— — — — — Eft					
Subt - $2 \times 5.40 \times 3.5 \times 2.2 = 7.56$					
Decking $1 \times 6.0 \times 4.40 \times 2.8 = 7.39$					
Honaco $4 \times 5.40 \times 1.5 \times 0.25 = 0.24$					
$2 \times 4.40 \times 3.0 \times 2.5 = 0.66$					
P - $2 \times 4.40 \times 2.0 \times 1.10 = 1.94$					
R/N - $4 \times 1.50 \times 3.0 \times 2.28 = 4.10$					
					$T = 21.89$
					m)

(19)/32 p/r and laying					
Coat C. — — — — — Eft					
$1 \times 5.40 \times 4.40 \times 0.25 = 1.70$					
(20)/33 G/F/placing m)					
H/S/D dm — — — — — Eft					
Subst - $7.50 \text{ m}^3 \times \frac{150}{100} = 1125.0$					
Superst - $21.89 \text{ m}^3 \times 200 = 4378.0$					
					$T = 5503.0$
					kg
					$= 5.510 \text{ m}^3$
(21)/34 plastering and					
Coat C. — — — — — Eft					
$1 \times 6.0 \times 4.40 = 26.40$					
$1 \times 20.80 \times 2.5 = 5.20$					

Continuation

P.T.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abt	2	11.50	2.0		= 46.0
8/45	1	6.2	4.40		= 26.40
	1	20.80	2.8		= 58.2
	2	4.40	8.0		= 7.04
	2	4.40	2.40		= 21.12
8/4	4	1.50	2.0		= 12.0
					T = 149.98
					m ²
②/35	NP3 HP2 (1000)				
	E/H 10 x 6				
	V.B. 80 for 1.5				
	H.V. 2 x 6.450 x 1.40 x 1.50				
Bd/90					= 27.090
Pipe	1	4.850	1.50	3.65	= 2.708
					T = 29.798
②/36	P/V ML (11.25 x 1.5)				
	as leveling course				
	in P.V. - E.H.				
H.V.	2	6.40	1.40	1.50	= 2.70
slab p/f	1	4.93	1.53	2.5	= 1.886
comp p/f	2	7.857	1.230	6.22	= 1.478
					T = 2.962
					m ²
for 40 m					11.848 m ²

Continuation

P-T-D

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) 37 p/v road & c in 7 feet 2					
					E/H
1 ft. N- 2 x 6.15 x .825 x 2.580 = 26.181					
P - 2 x 6.15 x .40 x 1.20 = 5.904					
Con p/v - 2 x 0.7857 x 1.230 x .622					
					= 1.478
					T = 30.607
for 4 m					122.428 m
(25) 38 p/v road & c road 7 feet 2					
1 ft. P - 2 x 6.15 x .40 x 1.20 = 5.904					
					E/H
3 x 2.50 = 7.50 m					
for 4 m					30.0 m
(26) 39 painting road road 7 feet 2					
					E/H
Out @ 20 - 2 x 6.150 x 3.780 = 46.494					
2 x 6.150 x .60 = 7.380					
2 x 6.150 x .40 = 4.920					
4 x .825 x 2.580 = 8.574					
4 x 0.40 x 1.20 = 1.920					
Con p/v - 2 x .7857 x 1.230 x .622 = 0.537					
					T = 66.817
					m 2

Continuation

P. T. m

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT DEED					
✓ T.M.B.P. 1/10/12					
(1)/1 Setting out					
Plot ———— EFT					
2 N.O. P.N-①					
① 12,539.21/N					
————— 0.25078/					
(2)/2 clearing and					
grabbing rock					
land ———— EFT					
0.40 H.L. P.N-②					
② 52,970.35/H.L.					
————— 0.21140/					
(3)/3 Removing all					
types of H.P.					
————— EFT					
15.00 M P.N-③					
③ 244.92/M					
————— 0.3674/					
(4)/4 Box-cutting					
————— EFT					
210.00 M P.N-2					
④ 130.83/M 0.27147/					
(5)/7 Constructed boundary					
and other works					
2060.00 M P.N-2					
⑤ 183.34/M 3.77,680/					

Continuation

T-0455094/

P.T-O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥/8	002122	6.55			
	by P/K Hall				
	Graded material				
				ELI	
	2060				
	1344.60 m ²	P.N-3			
	003062.60/m ³				
					041,17,972
					= 4
⑦/9	N.B.M. G.W.				
	P/K, laying				
	spreading and				
	compacting - ELI				
	573.750 m ²	P.N-2			
	004310.39/m ³				
					024,73,086
					= 2
⑧/10	Prime coat				
	P/K and applying				
	prime coat with				
	2 mulch 55, - ELI				
	7650.00 m ²	P.N-4			
	0041.73/m ²				
					03,19,234/-
⑨/11	Tack coat				
	2 mulch 55, - ELI				
	7650.00 m ²	P.N-4			
	0013.84/m ²				
					01,05,876/-

7074,71,20/-

Continuation

RTA

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑩/12 Mix seed					
1 kg/1000					
thick — E/F					
7650.000 ² P.N-8					
②0.230.69/m ²					
					017.64.778/
⑪/23 Road marking					
mix not applied					
— E/F					
400.000 ² P.N-5					
②0.859.51/m ²					
					034.3804/
⑫/25 p/v and fixing					
100.8 project					
— E/F					
400.000 ² P.N-5					
②0.40.233.99/N					
					0.40.236/
⑬/26 Box-Cut/ret					
113.000 ² 2.0 m					
35 E/F in excavation					
of 80 — E/F					
97.35 m ³ P.N-5					
119.192 m ³ P.N-8					
216.542 m ³					
②0.305.40/m ³					
					066.132/

T-0.96.86.912/

Continuation

P.T-0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14)/27	5018	111	11	11	
	11	11	11	11	
				ELI	
6.000				P.N-6	
				Q.577.42/m ³	
					0.3465/
(15)/28	2018	2	9	11	
				Sub-bar	
				by p/r well guided	
				material - 11	
9.000				P.N-6	
				Q.3062.60/m ³	
					27.563/
(16)/29	2118	1	1	11	
				C (13-6) for plan	
				CONC - ELI	
6.000				P.N-6	
				Q.6052.90/m ³	
					0.36317/
(17)/30	2118	1	1	11	
				Sub-bar	
				CONC 1125 10	
				Sub bar - ELI	
7.500				P.N-6	
				Q.7222.10/m ³	
					0.54166/

T-998,08,423/

Continuation

P.T. -

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18)/31 Reinforced concrete masonry					
21.89 m ² P.N-7					
② 78.30.00/m ²					
					1,71,399/-
(19)/32 p/v and gully					
1.780 m ² P.N-7					
② 11029.00/m ²					
					19,632/-
(20)/33 A/F/placing					
5.510 m ² P.N-7					
② 55,422.80/m ²					
					3,05,380/-
(21)/34 painting					
39 coats					
149.98 m ² P.N-8					
66.85 m ² P.N-9					
216.83 m ² ② 100.80/m ²					
					21,857/-
(22)/36 p/v m/s p.c.c					
11.25 m ² P.N-8					
11.848 m ² ② 5621.89/m ²					
					6,66,609/-

Continuation

T-91,03,33,300

P.T.-0

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.	1,039.330/	
(23)/37 p/v conc for					
10000 ft					
				ERI	
122.428 m ² P.N-9					
(23) 319.75 m ²					
				0.773,714/	
(24)/38 p/v and logging					
N.P. H.P. 10000					
				ERI	
30.00 m P.N-9					
(24) 3706.49 m ²					
(25)/5					
embankment					
				ERI	
for 100 m head					
126.00 m ² P.N-10					
(25) 36.75 m ²					12,190/
for 1000 m head					
2311.65 m ² P.N-10					
(25) 197.04 m ²					
				0.41,5138/	
				T-01,17,45,788	
				= 0	
for 2 ft					
as per record					
				0.334,916/	

T-01,15,10,872

Continuation

= 0

P.T-0

Continuation