

266/19-20

प्राप्त दिनांक 30.4.79

Schedule XLV-Form No. 134

Suresh Kumar

M. General

प्राप्त

DIVISION

प्राप्त

SUB-DIVISION

Measurement Book

प्राप्त दिनांक 30.4.79

2nd And final Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
name of work:-	construction				
of road from	Braham tola				
To SPT	under survey				
Agency:-	Suresh Kumar				
Agreement no:-	31 S.B.D 2019-20				
Date of start:-	28-8-2019				
Date of Completion:-					
Actual Date of completion:-	15-12-2023				
upto & beyond measurement					
item no-(1):-	Reference pillar				
Benchmark:-	--- of 1st				
	1' 00X	0.540	→		0.540 Km
	Total		=		0.540 Km
(ii) Reference pillar - 2nd					
	1' 00 X 0.	540	KM →		0.540 Km
	Total		=		0.540 Km
item no-(2):-	providing And				
laying G.S.B. No-1	--- of 1st				
Box	2X5X	30X	0.375X	0.102	11.25 m
	2X5	X30X	0.375X	0.102	11.25 "
	2X20X	0.375X	0.102		1.50 "
full width	3X30X	3.75X	0.102		33.75 "
	3X30X	3.75X	0.102		33.75 "

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(Record measurement of)					
item no (1) :- Cement (H-25)					
Concrete pavement - of 612					
	2x30x3	75x0.160			36 m ³
	2x30x3	75x0.160			36 "
	4x30x3	75x0.160			72 "
	3x30x3	75x0.160			54 "
	2x30x3	75x0.160			36 "
	3x30x3	75x0.160			54 "
	2x30x3	75x0.160			36 "
Extra work					
	12.50x(4.50+3.90) 2	3.75x0.160			0.90 "
	10.50x(4.30+3.60) 2	3.75x0.160			0.67 "
	14.50x(4.50+3.75) 2	3.75x0.160			0.85 "
			Total		326.42 m ³
15/12/23 AS 16/12/23 Jr					
(Record measurement of)					
item no (1) :- Construction of					
subgrade earth shoulder - of 12					
	2x30x(1.50+1.30) 2				
			x0.175		14.7 m ³
	2x25.50x(1.50+1.42) 2				
			x0.175		13.29 "
	2x24.50x(1.50+1.32) 2				
			x0.175		12.94 "
	2x20x(1.50+1.45) 2				
Continuation x0.175 = 10.32 "					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x2x30x		$\frac{1.40+1.45}{2}$		
				$\times 0.175 =$	29.92 m^3
	2x2x30x		$\frac{1.50+1.52}{2}$		
				$\times 0.175 =$	31.71 m^3
	2x3x30x		$\frac{1.48+1.54}{2}$		
				$\times 0.175 =$	47.56 m^3
	2x3x30x		$\frac{1.50+1.51}{2}$		
				$\times 0.175 =$	47.40 m^3
	2x3x30x		$\frac{1.40+1.45}{2}$		
				$\times 0.175 =$	44.88 m^3
	2x30x		$\frac{1.30+1.40}{2}$		
				$\times 0.175 =$	14.17 m^3
	2x20x		$\frac{1.50+1.52}{2}$		
				$\times 0.175 =$	10.57 m^3
				Total =	277.46 m^3
item (2) - ordinary					
kilometer stone - - offer					
		1.00	$\times 1 \text{ nos} \rightarrow$	1 nos	
			Total =	1 nos	
(ii) 200m Stone (precast) etc.					
		1.00	$\times 2 \text{ nos} \rightarrow$	2 nos	
			Total =	2 nos	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
item no (2) :- Boundary pillar					
		1.00	10.00	→	10.00
				Total =	10.00
item no (3) :- painting two coats on concrete surface - 102					
		2x5x30	x 0.10	2	30m ²
		2x5x30	x 0.10	2	30m ²
		2x4x30	x 0.10	2	24 "
		2x4x30	x 0.10	2	24 "
				Total =	108m ²
item no (4) :- Road marking on concrete surface - 102					
		2x5x30	x 0.10	2	30m ²
		2x5x30	x 0.10	2	30m ²
		2x4x30	x 0.10	2	24 "
		2x4x30	x 0.10	2	24 "
				Total =	108m ²
item no (5) :- manhole sing					
Good - - - - -					
(i) logo good - - - - -		1.00	2.00	→	2.00
(ii) maintenance good - - - - -		1.00	2.00	→	2.00
				Total =	4.00

Continuation

15/11/23
A.S.
14/12/23
J.R.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(Record measurement of)					
intermo (1) - Retro-traffic					
Singh Bord - - - of 512					
(i) 600mm equilateral triangle					
			1.00 X 4 nos	→	4 nos
				total =	4 nos
(ii) 600mm circular - of 512					
			1.00 X 4 nos	→	4 nos
				total =	4 nos
(iii) 600mm X 450mm rectangular					
			1.00 X 2 nos	→	2 nos
				total =	2 nos
(iv) 900mm octagon - of 512					
			1.00 X 2 nos	→	2 nos
				total =	2 nos
intermo (2) - Construction					
of embankment with soil - of 512					
CH	Area	mean Area	X dist	=	Qty
0.00					
50M					
100M					
150M					
200M					
250M					
300M					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
350m					
400M					
450M					
500M					
540M					
		Total =			1230.25 m ³
deduct for					
(i) Box cutting					= 24.00 m ³
(ii) G.S.B - G.I					= 118.22 m ³
(iii) W.B.M - G.I					= 152.98 m ³
(iv) Concrete pavement					= 326.42 m ³
		Total =			613.63 m ³
(i) 1000m lead - 30%					= 184.08 m ³
(ii) 100m lead - 70%					= 429.54 m ³
Item no (3) :- Brick Edge					
goling					
		2x5x30	0.375		= 112.50 m ²
		2x15.50x	0.375		= 11.62 m ²
		1x14.50x	0.375		= 5.43 m ²
		2x20.50x	0.375		= 15.37 m ²
		1x9.50x	0.375		= 3.56 m ²
		2x30x	0.375		= 22.50

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2X15	50X	0.375		$= 11.625 m^2$
	2X14	50X	0.375		$= 10.875 m^2$
	2X20		0.375		$= 22.50 m^2$
	2X10.50		0.375		$= 7.875 m^2$
					$\text{Total} = 223.84 m^2$

[Signature]
15/12/23
A.C.

[Signature]
15/12/23
J.E.

(ABSTRACT of work)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item no (1) :- Reference pillar					
Qty. side T m B P - 7					
Qty = 0.540 km					
@ Rs 11008.40 / km = Rs 5945.20					
(ii) Reference pillar - of EIR					
Qty. side T m B P - 07					
Qty = 0.540 km					
@ Rs 10226.80 / km = Rs 5522					
(iii) Item no (2) :- clearing And grubbing of vegetation - of EIR					
Qty. side T m B P - 04					
Qty = 0.16 Hecter					
@ Rs 49809.13 / Hecter = Rs 7969.20					
Item no (3) :- Construction of embankment soil - of EIR					
Qty. side T m B P - 13					
for 100m - 30% = 184.08 m ³					
@ Rs 187.92 / m ³ = Rs 34592 =					
(iv) for 100m - 70%					
Qty. side T m B P - 13					
Qty = 429.54 m ³					
@ Rs 143.08 / m ³ = Rs 61459.20					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item no (4) i- Construction of Subgrade on the shoulder of					
Qty. m ² TMBP - 10					
Qty = 277.46 m ³					
@ Rs 185.80 / m ³					Rs 52662.20
Item no (5) i- Excavation for Roadway of 12					
Qty. m ² TMBP - 4					
Qty = 24.00 m ³					
@ Rs 82.01 / m ³					Rs 1968.24
Item no (6) i- Bridge Edge Soling of 12					
Qty. m ² TMBP - 14					
Qty = 223.84 m ²					
@ Rs 499.47 / m ²					Rs 111801.20
Item no (7) i- providing And laying of 15. B- 100-I of 12					
Qty. m ² TMBP - 8					
Qty = 113.22 m ³					
@ Rs 2788.42 / m ³					Rs 315705.24

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
item no (8) :- proximity And					
laying w.B. on - on - on - of 12					
Qty. side T m B p - 8					
Qty = 152.98 m ³					
@ Rs 3484.75 / m ³ = Rs					533097 =
item no (9) :- Cement (m ²)					
concrete pavement - of 12					
Qty. side T m B p - 09					
Qty = 326.42 m ³					
@ Rs 7492.15 / m ³ = Rs					2445686 =

item no (10) :- ordinary kilometre					
Stone - - - of 12					
Qty. side T m B p - 10					
Qty = 1008					
@ Rs 2652.75 / each = Rs					2653 =

(ii) 200m Stone - - - of 12					
Qty. side T m B p - 10					
Qty = 2009					
@ Rs 714.10 / each = Rs					1428 =

item no (11) :- Boundary pillar					
Qty. side T m B p - 4					
Qty = 1008					

Continuation
@ Rs 558.05 / each = Rs 5580 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
item no (12) i - Road marking on concrete pavement - of 12					
Qty. m ² T m B P - 11					
Qty = 108 m ²					
@ Rs 851.80 / m ² = Rs					91994 =
item no (13) i - painting on concrete pavement - of 12					
Qty. m ² T m B P - 11					
Qty = 108 m ²					
@ Rs 103.60 / m ² = Rs					11189 =
item no (14) i - providing And fixing sign board - of 12					
Qty. m ² T m B P - 11					
Qty = 4 nos					
@ Rs 1154.08 / each = Rs					45816 =
item no (15) i - Retro-traffic Sign Board - - - of 12					
(i) 600 mm equilateral triangle of 12					
Qty. m ² T m B P - 12					
Qty = 4 nos					
@ Rs 3978.21 / each = Rs					15913 =
(ii) 600 mm circular - - of 12					
Qty. m ² T m B P - 12					

Continuation

Qty = 4 nos

@ Rs 5355.95 / each = Rs 21424 =

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