

M/s - Kameekrup Flour house to Kongam
Jwala under machinery. (SC)
Shedule XLV Form No. 134.

आगत काम विभागा काम ग्रहणकारी

DIVISION

आगत काम विभागा काम आर ग्रहणकारी

SUB-DIVISION

27/8/17

Measurement Book

27/8/17

Agency - Abhay ke Singh

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
Name of Work $\rightarrow$ Construction of Road & C.P. Works from Garmakhal Buz house to Koryahi Chark.					
Name of Agency $\rightarrow$ Ashay K. Singh & Ill - Bahawal, P.O. Sirsi, P.S. Nandpur, Sitamukhi					
Agreement No $\rightarrow$ 18/KAS/2020-21.					
dt of Commencement $\rightarrow$ 18-06-2020.					
dt of Completion $\rightarrow$ 07-06-2021.					
dt of Actual Completion $\rightarrow$ 22-12-2023					

① Excavation for roadway in soil using manual using (for cutting in flexible road)

$$2 \times 5 \times 30 \times 0.525 \times 0.100 = 15.75 \text{ m}^3$$

$$2 \times 5 \times 30 \times 0.525 \times 0.100 = 15.75 \text{ m}^3$$

$$\text{Qty} = 31.50 \text{ m}^3.$$

② Construction of granular sub-base by providing well graded material spreading in uniform layer (ISS (r-I) in flexible pavement

$$1 \times 30 \times \frac{4.00 + 3.30 + 3.00}{3} \times 0.200 = 21.10 \text{ m}^3$$

$$1 \times 30 \times \frac{3.30 + 3.45 + 3.40}{3} \times 0.200 = 22.30 \text{ m}^3$$

$$1 \times 30 \times \frac{3.45 + 3.20 + 3.20}{3} \times 0.200 = 21.50 \text{ m}^3$$

$$1 \times 30 \times \frac{3.20 + 3.90 + 3.40}{3} \times 0.200 = 20.20 \text{ m}^3$$

$$1 \times 30 \times \frac{3.40 + 3.35 + 3.30}{3} \times 0.200 = 20.14 \text{ m}^3$$

$$1 \times 30 \times \frac{3.35 + 2.95 + 3.53}{3} \times 0.200 = 19.66 \text{ m}^3$$

$$\text{Qty} = 124.90 \text{ m}^3$$

Abstract of last

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) P.V. & fixing of leveling B.M. 8111 Qty vide Page no. (25) in TMB					
@ 4269.41/1000		2.00 km		Ry	8539 = w
(2) Reference filler Qty vide Page no. (25) in TMB					
@ 1978.42/1000		2.00 km		Ry	3957 = w.
(3) clearing & grubbing of road land Qty vide Page no. (25) in TMB					
@ 49496.70/1000		1.40119		Ry	69,295 = w
(4) amt of embankment with material obtained from borrow pits. (for borrow land) Qty vide Page no. (25) in TMB					
@ 175.11/m ³		618.35 m ³		Ry	1,08,276 = w
(5) for 100 m dead Qty vide Page no. (25) in TMB					
@ 138.27/m ³		689.80 m ³		Ry	95,379 = w
(6) E/W in excavation for structure as per drawing. Qty vide Page no. (25) in TMB					
@ 260.59/m ³		119.02 m ³		Ry	31,015 = w
(7) Sand filling in foundation benches Qty vide Page no. (25) in TMB					
@ 397.32/m ³		2.02 m ³		Ry	803 = w
(8) P/V 4/15 PCC Concrete Plained foundations Qty vide Page in (25) in TMB					
@ 6326.10/m ³		14.92 m ³		Ry	94,384 = w
				Ry	4,11,648 = w

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			048	1.4	4,11,648 = 0
(3) Brick masonry wall in work (1:4) in foundation complete Qty vide Page no. (26) in TMB					
@ 5744.99/m ³		66.77 m ³		Px	3,87,047 = 0
(11/26) Brick masonry work in cement mortar (1:4) in substructure Qty vide Page no. (26) in TMB					
@ 6029.78/m ³		31.30 m ³		Px	1,88,732 = 0
(11/29) Plaster/RCC M-20 in substructure Qty vide Page no. (26) in TMB					
@ 7161.18/m ³		4.428 m ³		Px	31,710 = 0
(12/2) 17V bituminous painting on top Surface: Qty vide Page no. (26) in TMB					
@ 14.01/m ²		15.04 m ²		Px	210 = 0
(12/2) Supply filter & Plating H.M.S.P. in Qty vide Page no. (26) in TMB					
@ 54639.86/MT		1.017 MT		Px	55,528 = 0
(14/2) 17V & bituminous RCC in super structure (Deck Slab N-25) Qty vide Page no. (26) in TMB					
@ 8212.04/m ³		8.04 m ³		Px	66,518 = 0
(15/2) 17V & bituminous joint sealing compound Qty vide Page no. (26) in TMB					
@ 35.19/LM		15.00 LM		Px	528 = 0
				Px	11,41,961 = 0

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/S	P	11,91,961.00
(10/24) Brick masonry work in masonry (1:3) in parapet Qty vide Page no (25) in M.B.					
@ 6019.42/m ³		4.22 m ³		P	26,004.20
(11/26) Plastering with cement mortar (1:4) 15 mm thick on brick work Qty vide Page no (25) in M.B.					
@ 200.28/m ²		85.95 m ²		P	17,214.20
(18/32) Provision 5 mm cement plaster including course & rules Qty vide Page no. (25) in M.B.					
@ 47.02/m ²		29.70 m ²		P	1399.20
(19/32) P/v deep holes in brick masonry Plain/RCC abutment wing wall & return wall with 100 mm dia, Qty vide Page no. (27) in M.B.					
@ 113.40/m ³		40.00 m ³		P	4536.00
(20) Excavation of mud ways soil with manual means for carrying of cut earth (one cut only) Qty vide Page no. (27) + Page no (31) in M.B.					
@ 74.10/m ³		(82.50 + 31.50) m ³ = 114.00 m ³		P	8,447.00
(21/31) Cont. of GSB Gr-I by P/W wall graded material (GSB Gr-I) Qty vide Page no. (28) in M.B.					
@ 2811.36/m ³		115.50 m ³		P	3,24,712.00
				P	15,24,273.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			815	9	15,24,273 = 0.
(22/13) P/V, laying, spreading & compacting of WBM Gr-III					
Qty vide Page no. (28) in TMB					
@ 3419.89/m ³		314.18 m ²		9	10,74,461 = 0
(23/14) Const. of un-reinforced plain cement concrete pavement					
Qty vide Page no. (28) in TMB					
@ 7857.92/m ³		673.20 m ²		9	52,89,952 = 0
(24/15) Const. of GSB with well graded material for flexible pavement					
Qty vide Page no. (32) in TMB					
@ 2811.36/m ³		441.80 m ²		9	12,42,059 = 0
(25/16) P/V, laying, spreading & compacting Stone aggregate WBM Gr-III in flexible pavement					
Qty vide Page no. (33) in TMB					
@ 3419.89/m ³		155.33 m ²		9	5,31,212 = 0
(26/17) Providing & applying of primer coat with bitumen emulsion					
Qty vide Page no. (34) in TMB					
@ 41.30/m ²		2141.17 m ²		9	88,430 = 0
(27/18) Providing & applying of tack coat (RS-1) with bitumen emulsion					
Qty vide Page no. (34) in TMB					
@ 14.01/m ²		2141.17 m ²		9	29,998 = 0
				9	91,80,385 = 0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			815	92	77,80,385 = 10
(28/11) Providing, laying & rolling of closed graded material 20mm. H.M.					
Qty side Page no. (28) in TMB					
@ 199.68/m ²		2141.17 m ²		Ry	4,27,549 = 10
(29/2) Construction of subgrade & earthen shoulder with approved material					
Qty side Page no. (29) in TMB					
@ 176.77/m ³		2075.10 m ³		Ry	3,66,756 = 10
(30/28) Brick masonry walls in cement mortar (1:3) in parapet					
Qty side Page no. (30) in TMB					
@ 6019.42/m ³		8.64 m ³		Ry	52,008 = 10
(31/39) Providing PCC at 20 architectural coping on the top.					
Qty side Page no. (31) in TMB					
@ 464.76/m		36 m		Ry	16,731 = 10.
(32/40) Plastering with cement mortar (1:4) also do all elaborate work					
Qty side Page no. (32) in TMB					
@ 200.28/m ²		60.48 m ²		Ry	12,113 = 10.
(33/15) Providing & fixing of K.M. Stone					
Qty side Page no. (33) in TMB					
@ 2453.81/m ³		0.3 m ³		Ry	7301 = 10.
(34/17) Providing & fixing of 20mm stone.					
Qty side Page no. (34) in TMB					
@ 449.44/m ²		0.8 m ²		Ry	5197 = 10
				Ry	1,06,68,100 = 10

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
			4/5 P ₂	1,06,68,100 = ∞
(25) PCC n. 13 Grade boundary Pillar				
Qty vide Page no. (32) in TMB				
@ 486.62/m.	120 m.		P ₂	58,400 = ∞
(26) P.V. & fixing of red iron pipe to				
Caulking Grommet Circular				
Qty vide Page no. (33) in TMB				
@ 4889.00/m	08 m.		P ₂	37,113 = ∞
(27) P.V. & fixing of 75 mm diameter & angle				
Qty vide Page no. (33) in TMB				
@ 220.00/m	04 m.		P ₂	22,143 = ∞
(28) P.V. & fixing of 100 mm diameter				
Qty vide Page no. (33) in TMB				
@ 4763.62/m	04 m.		P ₂	19054 = ∞
(37) P.V. & laying of hot applied mastic				
- bitastic compound 25 mm thick (Road				
work on BT portion)				
Qty vide Page no. (38) in TMB				
@ 735.40/m ²	114.60 m ²		P ₂	84,277 = ∞
(40) P.V. & laying hot applied for (PCC Pavement)				
Qty vide Page no. (38) in TMB				
@ 820.83/m ²	220.00 m ²		P ₂	1,80,583 = ∞
			P ₂	1,10,71,610 = ∞

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