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MMSY WYTHS MUDLY VIDLEY
Shahroo to Jpoh Sahroo wq
Schedule XLV-Form No. 134

~~SHAHROO TO JPOH SAHROO WQ~~ DIVISION

~~SHAHROO TO JPOH SAHROO WQ~~ SUB-DIVISION

MEASUREMENT BOOK 773

21968 → M/S M999 Vashany Enterprises

~~कां~~ तमापन किया जाना है,
 कि इस मापदण्ड में कुल 100 एकरी
 पूरा आंश है, जिसमें सहायक मकान
 तमापन का **INDEX** विकसित कार्य आरंभ हो
 जौह के नाम से निर्मित किया जाना
 है।

25.09
 कार्यपालक अभियन्ता
 ग्रामीण कार्य विभाग
 राज्य प्रमुख योजना अधिकारी
 25/9/2021

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1st on A/c Bill

1.

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work : Madhyas Vidyalyas Sharasa to Darah Sharasa Road.					
Name of Agency : M/s Mae Vaishnave Enterprises Village - Gargathi Ward No-31, Dist. Aurangabad.					
Agreement No: 39 MMG.Y/2021-2022 Date of Commencement - 5/11/2021					
Date of Completion - 04/08/2022					
Date of measurement - 21/04/2022					
work done details					
(1) Providing & Fixing of working Benchmarks Pillars					
Qty 1 No.					
Reference Pillars					
Qty 3 Nos.					
(2) clearing and Grub- bing Road Land etc do-do all Comp.					
2x5x30x3.50 = 1050 m ²					
2x4x30x3.50 = 840 m ²					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$2 \times 6 \times 30 \times 3.50 = 1260 \text{ m}^2$
					$2 \times 3 \times 30 \times 3.50 = 630 \text{ m}^2$
					$2 \times 5 \times 30 \times 3.50 = 1050 \text{ m}^2$
					$2 \times 2 \times 30 \times 3.50 = 420 \text{ m}^2$
					$2 \times 1 \times 20 \times 3.50 = 140 \text{ m}^2$
					5390 m^2
					$= 0.53 \text{ Hec.}$

(3/3) Construction of emb.

-cement with app.

-used material etc

do-do as Comp. job.

E/w Calculation as

per graph.

CH (m)	cs Area m^2	Mean c/s Area m^2	Length m	Quantity m^3
0	0.510	-	-	-
50	0.210	0.360	50	18.000
100	0.680	0.445	50	22.250
150	0.310	0.495	50	24.750
200	0.235	0.298	50	14.875
250	0.320	0.303	50	15.125
300	0.430	0.375	50	18.750
350	0.697	0.564	50	28.175
400	0.619	0.658	50	32.900
450	0.821	0.720	50	36.000
500	0.520	0.670	50	33.525
550	0.413	0.467	50	23.325

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH	dis Area	Manch	Length	Quantity	
(mm)	m ²	Area m ²	m	m ³	
600	0.430	0.572	50	28.575	
650	0.415	0.573	50	28.625	
700	0.950	0.683	50	34.125	
770	0.490	0.720	70	50.400	
		Total E/W		409.400 m ³	
(4/4)	Construction of Sub.				
	-grade and earthen				
	Shoulder etc do do				
	all comp. reb.				
	$25 \times 30 \times 6.82 + 7.72 \times 0.300 = 1635.95 \text{ m}^3$				
	$1 \times 20 \times 6.82 + 7.72 \times 0.300 = 43.62 \text{ m}^3$				
	1679.37 m ³				
	Lead upto 1000 m				
	$1679.37 \text{ m}^3 \times 30\% = 503.81 \text{ m}^3$				
(5/5)	Lead upto 100 m				
	$1679.37 \text{ m}^3 \times 70\% = 1175.56 \text{ m}^3$				
(6/6)	Construction of gran.				
	ular Sub-base etc				
	do do all comp. reb.				
	$5 \times 30 \times 4.05 \times 0.200 = 121.50 \text{ m}^3$				
	$2 \times 30 \times 4.05 \times 0.200 = 48.60 \text{ m}^3$				
	$7 \times 30 \times 4.05 \times 0.200 = 170.10 \text{ m}^3$				
	$4 \times 30 \times 4.05 \times 0.200 = 97.20 \text{ m}^3$				
	$2 \times 30 \times 4.05 \times 0.200 = 48.60 \text{ m}^3$				
	$5 \times 30 \times 4.05 \times 0.200 = 121.50 \text{ m}^3$				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	20	4.05	0.20	16.20 m ³
					623.40 m ³
Extra widening in Curve					
	0-8	15	0.20		12.00 m ³
	2				635.40 m ³
Hume Pipe culvert					
	1 x 60 mm dia - 1 H.				
($\frac{7}{21}$)	Earthwork in excavation etc do do all				
	Comp. Job				
H.W	2	3.90	1.15	1.50	13.45 m ³
Below pipe	1	5.35	1.13	0.36	2.20 m ³
					15.65 m ³

(8/22) Providing concrete for plain reinforced etc do do all comp.					
H.W	2	3.90	1.15	0.150	1.34 m ³
Below Pipe	1	5.311	1.130	0.250	1.50 m ³
					2.84 m ³

(9/24) Providing and laying Rcc pipe MP3 for culvert etc do do all comp.					
	3 x 2.50 = 7.50 Rm.				

(10/25) plain/reinforced cement concrete on sub. structure etc do do all comp.					
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Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2 x 4	2 x 1.42	2 x 0.39		46.51 kg
	48 x 6.24	7 x 0.62			185.70 kg
					0.96 m.T
($\frac{14}{27}$)	plain reinforced Cement concrete in Substructure etc do- do all comp. job.				
	1 x 6.00	2.50	0.25		3.75 m ³
	2 x 6.00	2 x 0.25			6.00 m ³
	4 x 6.00	0.01			0.24 m ³
					9.99 m ³
($\frac{15}{34}$)	Supplying fitting and placing HYSD bars etc do-do all Comp job				
	1 x 46	2.50	0.89		102.35 kg
	1 x 20	6.24	0.62		77.37 kg
	1 x 20	6.24	0.62		77.37 kg
	1 x 46	2.65	0.62		75.57 kg
	2 x 12	1.06	0.39		9.92 kg
	2 x 4	6.24	0.62		30.95 kg
					373.53 kg
					0.37 m.T
($\frac{16}{31}$)	Providing and lay- ing reinforced cement in Superstructure etc do-do all Comp. job.				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$1 \times 2.50 \times 6 \times 0.25 = 3.75 \text{ m}^3$
					$2 \times 2.50 \times 0.25 \times 0.50 = 0.62 \text{ m}^3$
					4.37 m^3
($\frac{17}{23}$)	Providing concrete for plain reinforced in open foundation etc do-do all comp.				
					$4 \times 2.92 \times 2.07 \times 0.20 = 4.71 \text{ m}^3$
					$4 \times 2.92 \times 1.917 \times 0.20 = 4.47 \text{ m}^3$
					$4 \times 2.92 \times 1.817 \times 0.20 = 4.24 \text{ m}^3$
					$4 \times 2.92 \times 1.717 \times 0.20 = 4.01 \text{ m}^3$
					$4 \times 2.92 \times 1.617 \times 0.20 = 3.77 \text{ m}^3$
					$4 \times 2.92 \times 1.517 \times 0.20 = 3.54 \text{ m}^3$
					$4 \times 2.92 \times 1.417 \times 0.20 = 3.31 \text{ m}^3$
					$4 \times 2.92 \times 1.317 \times 0.20 = 3.07 \text{ m}^3$
					31.12 m^3
($\frac{18}{25}$)	Plain / reinforced cement concrete etc do-do all comp. etc.				
					$4 \times 2.92 \times 0.78 \times 1.78 = 16.21 \text{ m}^3$
($\frac{19}{30}$)	Providing and laying filter media etc do-do all comp. etc.				
					$2 \times 4.61 \times 0.60 \times 1.70 = 9.40 \text{ m}^3$
					$4 \times 2.32 \times 0.60 \times 1.87 = 10.41 \text{ m}^3$
					19.81 m^3
($\frac{20}{29}$)	Back filling behind				

Continuation

Material Statement	
E/W	$= 2088.77 \text{ m}^3$
Stone chips	$= 689.12 \text{ m}^3$
Coarse Sand	$= 191.98 \text{ m}^3$
Reinforcement	$= 1.33 \text{ m.T}$
<u>James</u>	<u>Amir</u>
21/04/2022	21.04.2022
OL	AE

Scanned with CamScanner

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/1) Providing & Fixing of working Benchmark Pillars					
1 No (vide TMBP-1)					
@ Rs 3526 = 25					Rs 3526 = 25
Reference Pillars					
3 Nos (vide TMBP-1)					
@ Rs 1608 = 02					Rs 4815 = 06
(2/2) Clearing and Grubbing Road Land etc do-do-all Comp.					
0.53 Hec (vide TMBP-2)					
@ Rs 5207 = 28					Rs 2824 = 27
(3/3) Construction of embankment with approved material etc do-do-all Comp.					
409.400 m ³ (vide TMBP-3)					
@ Rs 143 = 20					Rs 58626 = 08
(4/4) Construction of Sub-grade and earthen shoulders etc do-do-all Comp. Job lead up to 100 m					
503.81 m ³ (vide TMBP-3)					
@ Rs 192 = 04					Rs 96751 = 64
(5/5) Lead up to 100 m					
					Rs 191793 = 33

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1175.56 m ³ (vide TMBP-3)					
@ R ₃	131	20		R ₃	157233 = 47
($\frac{6}{6}$) Construction of gra-					
nular sub-base etc					
do-do-all comp.					
635.74 m ³ (vide TMBP-4)					
@ R ₃	1789	31		R ₃	1137464 = 36
($\frac{7}{21}$) Earthwork in excav-					
ation etc do-do-all					
comp. job.					
15.65 m ³ (vide TMBP-4)					
95.40 m ³ (vide TMBP-5)					
11.11 m ³ @ R ₃ 220 = 24					
($\frac{8}{22}$) Providing concrete					
for plain reinforced					
etc do-do-all comp.					
2.84 m ³ (vide TMBP-4)					
7.92 m ³ (vide TMBP-5)					
10.76 m ³ @ R ₃ 4230 = 59				R ₃	45521 = 14
($\frac{9}{26}$) Providing and laying					
R.C.C. pipe 11/3 for culvert					
etc do-do-all comp.					
7.50 m ³ (vide TMBP-4)					
@ R ₃	2008	68		R ₃	15065 = 10
($\frac{10}{25}$) Plain reinforced cem-					
-ent concrete in sub.					
37.74 m ³ etc do-do-all					

R₃ 1575070 = 37

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Comp. job.					
15.16 m ³ (vide TMBP-5)					
16.21 m ³ (vide TMBP-5)					
31.37 m ³ @ Rs 4954 = 26					R ₃ 155415 = 13
($\frac{11}{28}$) Supplying fitting and placing HYSD bars etc do do all					
Comp. job.					
0.96 m ³ (vide TMBP-6)					
@ Rs 49583 = 38					R ₃ 47600 = 04
($\frac{12}{27}$) Plain reinforced cement concrete etc					
do do do etc					
9.99 m ³ (vide TMBP-6)					
@ Rs 5567 = 08					R ₃ 55615 = 12
($\frac{13}{34}$) Supplying fitting and placing HYSD bars etc do do all Comp.					
0.37 m ³ (vide TMBP-6)					
@ Rs 50713 = 30					R ₃ 18763 = 92
($\frac{14}{31}$) Providing and Laying reinforced cement in Superstructure etc					
do do all Comp.					
4.37 m ³ (vide TMBP-7)					
@ Rs 6137 = 92					R ₃ 26822 = 71
($\frac{15}{22}$) Providing concrete					

R₃ 1879287 = 26

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
for plain reinforced					
etc do-do all comp.					
31.12 m ³ (vide TMBP-7)					
@ R3 4753=20				R3 14,79,19=59	
($\frac{16}{30}$) Providing and Laying					
filter media etc do-					
do. all comp.					
19.81 m ³ (vide TMBP-7)					
@ R3 2411=46				R3 47771=02	
($\frac{17}{54}$) Back filling behind					
abutment and return					
wall etc do do. all				R3 22812=10	

34.18 m ³ (vide TMBP-8)					
@ R3 752=03				R3 25706=09	
				R3 21,00,684=6	
Add 12% G.S.T				R3 252082=6	
1% L.C.O.S.S				R3 21007=6	
S.F				R3 25685=6	
				R3 23,99,458=	
Below 16.45% R3				3,94,711=	
				R3 20,04,747=6	
<u>James</u>				<u>Suman</u>	
21/04/2022				21.04.2022	
JE				AE	

Continuation