

Name of work:- Bishambhar Pura Siwan Pith
To Chaddi Tala

Under ~~1411434~~ (S.C.)
Schedule XLV-Form No. 134

Name of Agency - M/S Mandani Const.

Block:- Manshagarh

DIVISION

SUB-DIVISION

M. B. No-451

Measurement Book

प्रमाणित किया जाता है कि इस
मापिपुत्र पंजी में मन्वीन द्वारा
तुं कित 100 (एक सौ) फने है।
जिस श्री विद्याभुषण कुमार
सहायक अभियंता माझा के
नाम से निगत किया जाता है।

27-05-2024
कार्यपालक अभियंता
राजीव कार्य विभाग कार्य प्रमण्डल
गोपालगंज-2

Sch. XLV - Form No. 134

_____ DIVISION
_____ SUB-DIVISION

Measurement Book

M.B. No. 451

Name of officer श्री विद्याभुषण कुमार

सहायक अभियंता माझा

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
(1/1) Constn of submersive & working bench made - do - do					
Qty wide TMBP - 14 Stems (2)					
= 1.665 km @ Rs. 9627.68/km					
					= 16030/-
(2/2) Constn of submersive pithead buregs as per TB - do -					
Qty wide TMBP - 14 Stems (3)					
= 1.665 km @ Rs. 9016.42/km					
					= 1502/-
(3/3) Clearing & grubbing road land including uprooting wild Vegetation - do -					
Qty wide TMBP - 14 Stems (1)					
= 0.50 Hae @ Rs. 49496.70/Hae					
					= 24748/-
(4/4) Construction of Embankment with approved material obtain from borrow pits - do -					
Qty wide TMBP - 14 Stems (1)					
= 709 m3 @ Rs. 174.53/m3					
					= 123255/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤/5 Construction of Subgrade & Earthwork shoulders - do					
Qty. vide M.B. No. Page 12 Item No. ⑤/5					
= 1226.70 m ³ @ Rs. 176.70/m ³					
					= 216758/-
⑥/6 Construct Bombment with approved material - do					
Qty. vide M.B. No. Page 14 Item No. ⑥/6					
= 1660 m ³ @ Rs. 58.50/m ³					
					= 97259/-
⑦/7 Excavation for roadways in soil using manual means					
Qty. vide M.B. No. Page No. ⑦/7 Item No. ⑦/7					
= 169.64 m ³ @ 74.10/m ³					
					= 12570/-
⑧/8 Laying Brick Sillings layer on prepared subgrade - do - Tk					
Qty. vide M.B. No. Page No. 11 Item No. ⑧/8					
= 247.50 m ² @ Rs. 47.27/m ²					
					= 116639/-
⑨/9 Construction of granular sub-base by providing well graded - do - Tk					
Qty. vide M.B. Page 15 Item No. ⑨/9					
Qty. vide M.B. No. Page No. 7 Item No. ⑨/9					
					= 4.25
					= 741.00 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
limit as per Agreement =					739.37
= 739.37 m ² @ Rs. 2934.92/m ²					
					= 2169992/-
(10/10) Provision & laying according to compacting Stone Aggregate					
Qty Wtd. TMBP-15 Stone No. (9)					
					= 440.69
Qty Wtd. TMBP-15 Stone No. (9)					
					= 16.3 km ³
					= 456.99 m ³
limit as per Agreement =					452.5 m ³
= 452.5 m ³ @ Rs. 3652.97/m ³					
					= 1653115/-
(11/11) Providing & applying Primer Coat bitumen Emulsion SS-1 Tdo.					
as per Td - do					
Qty Wtd. TMBP-15 Stone No. (9)					
					= 5026.01 m ²
Qty Wtd. TMBP-15 Stone No. (9)					
					= 5026.01 m ² @ Rs. 41.67/m ²
					= 209434/-
(12/12) Providing & applying tack coat as per Td - do					
Qty Wtd. TMBP-15 Stone No. (9)					
					= 5026.01 m ² @ Rs. 14.11/m ²
					= 70917/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/13) P/L 2 rolling of clay - Graded primary surface - do					
Qty wide MB No - Page No. 9 Item (12)					
= 5028.01 m ² @ Rs. 204.61/m ²					
					= 1028372/-
(14/14) Construction of kerb-inland.					
Cement concrete M-25 grad - do					
Qty wide MB No - 15 Item (10) = 144.00 m ³					
Qty wide MB No Page No. 9 Item (11)					
					= 61.29 m ³
					= 205.29 m ³
Unit as per Agg. = 204.30 m ³					
= 204.30 m ³ @ Rs. 7177.02/m ³					
					= 1466265/-
(15/16) Reinforced cement concrete					
M-15 grade - km Stone - do					
Qty wide MB No Page No. 9 Item (17)					
= 2.00 Nos @ Rs. 2422.24/No.					
					= 4886/-
(16/17) Reinforced cement concrete					
M-15 grade 20mm p.s.A - do					
Qty wide MB No Page No. 9 Item (18)					
= 7 Nos @ Rs. 641.40/No.					
					= 4490/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/18) Reinforced cement concrete M+15 grade @ boundary pillars & Qty vide MB No. Page No. 9 Item (18) = 33.10 Nos @ Rs. 514.03/No = 16963/-					
(18/19) Painting two coats include Primer coat - do - Qty vide MB No. Page No. 9 Item (19) = 2.40 m ² @ Rs. 96.40/m ² = 617/-					
(19/20) Providing & applying 2 coat of water based cement paint TL-do Qty vide MB No. Page No. 10 Item (20) = 64.60 m ² @ Rs. 91.20/m ² = 6165/-					
(20/21) Providing & laying hot applied thermo plastic paint on external esp TL-do Qty vide MB No. Page No. 10 Item (21) = 333.11 m ² @ Rs. 742.75/m ² = 247336/-					
(21/22) Printing New letter & figures of any shades - do Qty vide MB No. Page No. 10 Item (22)					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$= 88.00 \text{ cm/hr} @ Rs. 0.50/\text{unit}$					
					$= 44.00/-$
(22/23) Providing & Laying typical MINUSY Informanty Band do					
Qty vide TMD P-W Item No (5)					
$= 2 \text{ Nos} @ Rs. 11379.60/\text{nos}$					$= 22759/-$
(23/24) Providing & Laying Typical MINUSY Informanty Band do					
Qty vide TMD P-W Item No (23)					
$= 2 \text{ Nos} @ Rs. 11379.60/\text{nos}$					$= 22759/-$
(24/25) P/F of retroreflective 600mm equilateral triangle do					
Qty vide MB No Page No 10 Item No (24)					
$= 12 \text{ Nos} @ Rs. 3676.84/\text{nos}$					$= 44122/-$
(25/26) P/F of retroreflective 600mm circular Band do - white -					
Qty vide TMD No Page No 11 Item No (25)					
$= 8 \text{ Nos} @ Rs. 4990.84/\text{nos}$					$= 39927/-$
					$= 39927/-$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(26/27) P/p retro reflective cautionary mandatory sign-do					
Qty vide MB No Page No. 11 Stamp (26)					
= 2 Nos @ Rs. 4301.42 / Nos					
					= 8603/-
(27/28) P/f retro reflective caution mandatory & gabion mesh 900mm					
Side octagonal - do -					
Qty vide MB No Page No. 11 Stamp (27)					
= 2 Nos @ Rs. 8258.27 / Nos					
					= 16516/-
(28/30) Planting trees and their maintenance for one year do					
Qty vide MB No Page No. 11 Stamp (28)					
= 132 Nos @ 800.30 / Nos					
					= 105640/-
Amount extracted up to 30%.					
= 105640 x 30% = 31692/-					
					= 31692/-
(29/30) Earthwork in Excavation for foundation - do - T12 -					
Qty vide MB No Page No. 11 Stamp (29)					
= 47.12 m ³ @ Rs. 260.59 / m ³					
					= 12279/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(30/32) Good filling in foundation					
tranches on pmdwy - do					
Qty vide MB No Page No 2 Item No 2					
= 2.05 m ³ @ Rs. 397.34/m ³					
					2 815/-
(31/34) Provide PCC concrete M-15					
for plain reinforced concrete - do					
Qty vide MB No Page No 2 Item No 3					
= 2.15 m ³ @ Rs. 5931.42/m ³					
					= 18684/-
(32/33) Provide reinforced concrete					
concrete grade M-25 - do					
Qty vide MB No Page No 4 Item No 5					
= 14.20 m ³					
Qty vide MB No Page No 5 Item No 7					
= 4.90					
					= 19.10 m ³
= 19.10 m ³ @ Rs. 7587.34/m ³					
					= 144930/-
(33/40) Back filling behind abutment					
wing wall & return wall - do					
Qty vide MB No Page No 6 Item No 8					
= 10.80 m ³ @ Rs. 2206.14/m ³					
					= 30198/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
34/41 Providing work holes - do					
Qty vide MB No Page No 8 Stamp 3					
= 20.10 Nos @ Rs. 82.38/m					
					= 1668/-
35/42 P/L boulder abutment on					
bad level protection - do					
Qty vide MB No Page No 6 Stamp 10					
= 14.40 m ³ @ Rs. 3544.94/m ³					
					= 51090/-
36/43 S/P/F/P m/sd bench mark					
buried as per drawing					
Qty vide MB No Page No 3 Stamp 4					
					= 377.65 kg
Qty vide MB No Page No 5 Stamp 6					
					= 381.02 kg
					= 1358.67 kg
Gr MF = $\frac{1358.67}{1000}$					= 1.36 kg
= 1.36 MT @ Rs. 53364.98/MT					
					= 72576/-
27					
Total					8019485
					8099429
(-) loss 10% below as per drawing					801948
					8099429
Total					727537
					7284090
					410

Continuation