

Name of Work:- Bara Gachhiya Tisaiher

Schedule XLY-Form No. 134

Name of Agency:- Abhay K. Singh
DIVISION

Block:- Manshagarh
SUB-DIVISION

Ty.B.No-465

MEASUREMENT BOOK

~~Regist~~
~~24/01/2022~~
~~Job Manager~~

~~24-01-22~~
~~AE~~

Abstract of Cost.

- (1/1) Constn of reticulation & working benchmarc
as per TIS - do - do -
Qty Wide TMIB P-2 Item No (2)
= 1.76 km @ Rs. 9652.88/Km = 16989/-
- (2/2) Constn of reticulation pillar/bargua
as per TIS - do - do -
Qty Wide TMIB P-2 Item No (2)
= 1.76 km @ Rs. 9061.25/Km = 15948/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/3) clearing & grubbing road land including abutting - do - Qty vide TMS P-10 Station 0+00 to 0+100 = 0.529/line @ Rs. 413.18/line = 25036/-					
(4/5) Contin of Embankment with approved material 30% TMS- Qty vide TMS P-42 Station 0+00 to 0+100 = 1263.65 m ³ @ Rs. 176.43/m ³ 290586/- 1646.64 m ³ = 228848/-					
(5/4) Contin of Embankment with approved material 100% local - do - Qty vide TMS P-40 Station 0+00 to 0+100 = 935.12 m ³ @ Rs. 144.23/m ³ = 93569/-					
(6/6) Contin of Embankment with approved material obtained - do Qty vide TMS P-40 Station 0+00 to 0+100 = 1248.25 m ³ @ Rs. 58.59/m ³ 73165/-					
(7/1) Excavation for Roadway in soil using manual means bur carrying - do - do - Qty vide TMS P-44 Station 0+00 to 0+100 = 22.43 m ³ @ Rs. 74.10/m ³ = 6187/-					
(8/2) laying back soil 19% - do - do - Qty vide TMS P-45 Station 0+00 to 0+100 = 320.25 m ³ @ Rs. 471.23/m ³ 155873/-					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9/9) Constn of granular Subbase					
WBS No. I - do					
Qty wide TMBP-44 Stamp No (9)					
= 676.12 m ² @ Rs. 2950.68/m ²					= 1995014/-
(10/10) Providing laying & spreading and compacting Stone Aggregates					
WBS No. III - do					
Qty wide TMBP-48 Stamp No (10)					
= 498.26 m ² @ Rs. 3672.71/m ²					= 1829616/-
(11/11) Providing & laying & applying primer coat Bitumen Emulsion					
Qty wide TMBP-34 Stamp No (11)					
= 3692.81 m ² @ Rs. 41.68/m ²					= 153916/-
(12/12) Providing and applying tack coat with bitumen (L+1)					
Qty wide TMBP-35 Stamp No (12)					
= 3692.81 m ² @ Rs. 14.12/m ²					= 52142/-
(13/13) Providing & rolling of class graded pavement - do					
Qty wide TMBP-35 Stamp No (13)					
= 3692.81 m ² @ Rs. 204.99/m ²					= 756989/-
(14/14) Constn of Un-reinforced cement concrete - do					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty Wdr TMBP-46 Stamp No. (14) = 472.63 @ Rs. 7196.89/m ³					2401802 = 3401103/-
(15/16) P/F reinforced cement concrete M-15 grade /kilometer Stone-do Qty Wdr TMBP-35 Stamp No. (8) = 2 Nos @ Rs. 2447.88/m ²					4896/-
(16/17) P/F reinforced cement concrete M-15 grade storm local Stone-do — do — Qty Wdr TMBP-35 Stamp No. (9) = 3 Nos @ Rs. 612.30/m ²					4496/-
(17/18) P/F Reinforced cement concrete M-15 grade boundary pillar — do — Qty Wdr TMBP-35 Stamp No. (10) = 35 Nos @ Rs. 514.45/m ²					18006/-
(18/19) Painting two coats include primer coat aliter (illy-do) Qty Wdr TMBP-36 Stamp No. (11) = 3.04 m ² @ Rs. 96.40/m ²					293/-
(19/20) Prime & chalking 2 coats Qty Wdr TMBP-3 Stamp No. (12) = 156.15 m ² @ Rs. 91.20/m ²					14228/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24/01) Paving and tying lot applied thermal plaster - do					
Qty vide TMBP-36 Stamp No. (13)					
$12.132 \text{ cu/m} @ \text{Rs. } 142.75/\text{cu m} = 1720.45/-$					
(24/02) Paving laying of typical masonry masonry work - do					
Qty vide TMBP-36 Stamp No. (14)					
$20.105 \text{ cu/m} @ \text{Rs. } 11384.88/\text{cu m} = 227780/-$					
(22/02) Paving work (alter and figures - do -					
Qty vide TMBP-36 Stamp No. (15)					
$= 132 \text{ cu/m} @ \text{Rs. } 11384.88/\text{cu m} = 1502795/-$					
(23/04) P/F typical masonry masonry maintenance Board - do -					
Qty vide TMBP-36 Stamp No. (16)					
$= 2.105 \text{ cu/m} @ \text{Rs. } 11384.88/\text{cu m} = 23970/-$					
(24/25) P/F of retro reflective control masonry and masonry					
Qty vide TMBP-37 Stamp No. (17)					
$= 14.110 \text{ cu/m} @ \text{Rs. } 3679.09/\text{cu m} = 51910/-$					
(25/06) P/F retro reflective control masonry masonry - do					
Qty vide TMBP-37 Stamp No. (18)					
$= 8.100 \text{ cu/m} @ \text{Rs. } 4893.82/\text{cu m} = 39645/-$					
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(26/21) Plt of retroreflective caters					
mandatory 60 X 60 2000gms					
Qty vide TMBP-32 Item No. (18)					
= 22 Nos @ Rs. 4802.72/1000					= 8602/-
(27/21) Prov. fixng retro reflector					
500mm Side Octagonal - do					
Qty vide TMBP-32 Item No. (19)					
= 220 Nos @ Rs. 8260.55/1000					= 16521/-
(28/20) Planting of tree and their maintenance of one year - do					
Qty vide TMBP-32 Item No. (20)					
= 38 Nos @ Rs. 800.30/1000					= 38929/-
(29/31) Earth work in Excavate					
for foundation of structure - do					
Qty vide TMBP-19 Item No. (1)					
= 39.10 m ³ @ Rs. 260.59/m ³					= 10189/-
(30/31) Sand filling in foundation of structure up to 2.00 m - do					
Qty vide TMBP-19 Item No. (2)					
= 1.67 m ³ @ Rs. 397.94/m ³					= 664/-
(31/32) Prov. Pcc grade 11-15					
Plain/curb road - do -					
Qty vide TMBP-19 Item No. (3)					
= 2.53 m ³ @ Rs. 5940.72/m ³					= 15053/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(32/25) Providing reinforced concrete					
Concrete M-25 - do - do T12					
Qty vide TMB P-48 Item No (22)					
= 14.64 m ³ @ Rs. 5608.16/m ³					
					= 111383/-
(33/40) Backfilling behind abut					
- mud wing wall & reinforcement					
Return wall - do - T14					
Qty vide TMB P-23 Item No (8)					
= 7.20 m ³ @ Rs. 2811.89/m ³					
					= 20246/-
(34/41) Prov. back holes in					
masonry / stone masonry - do					
Qty vide TMB P-41 Item No (23)					
= 10.00 m ³ @ Rs. 83.38/m ³					
					= 834/-
(35/42) S/F/P/Placing flyso					
Bar reinforcement - do					
Qty vide TMB P-49 Item No (35)					
= 1.08 m ³ @ Rs. 53352.87/m ³					
					= 57643/-
Total					= 9671176/-
(-1107) loss of for Aggron					= 967118/-
Total					= 8704058/-
(+) Add 12% cost on total					= 1044447/-
(+) Add 1% labor cost					= 87041/-
Total					= 9735586/-
Continuation					9734483/-

Abstract of Cont

(T/I) Constn of reference & working

benchmark by per TIS - do

Qty vid: TN/IBP P-53 Item No 6

= 176 km @ Rs 9659.88/km

= 16989.2
~~16989/-~~

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2/2) Constn of roadwork/pillars/ burgers @ 2 bar TL - do - Qty vide TMBP-53 9thm No (2) = 1.761 km @ Rs 9061.35/m = 15948/-					
(3/2) Clearing & grubbing road land including earthwork - do Qty vide TMBP-54 9thm No (3) = 0.524 Hae @ Rs 49496.70/Hae = 25936/-					
(4/5) Constn of Embankment with approved material @ 2 bar TL - do Qty vide TMBP-42 9thm No (4) = 1853.95 m ³ @ Rs 176.45/m ³ = 328878/-					
(5/1) Constn of Embankment with approved material known - do Qty vide TMBP-54 9thm No (5) = 535.18 m ³ @ Rs 174.82/m ³ = 93565/-					
(5/6) Constn of Embankment with approved material obtained - do Qty vide TMBP-48 54 9thm No (6) = 1248.76 m ³ @ Rs 58.59/m ³ = 73165/-					
(7/3) Excavation low road - do In soil using manual means - do					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMBP-44 Item No (5)					
= 83.49 m^3 @ Rs. $74.10/\text{m}^3$					6187/-
(8/8) laying Bridge rolling layer.					
Qty vide TMBP-25 Item No (13)					
= 330.75 m^2 @ Rs. $471.27/\text{m}^2$					155873/-
(9/9) Constn of granular sub-base.					
Qty vide TMBP-44 Item No (8)					
= 676.12 m^3 @ Rs. $2950.68/\text{m}^3$					1995014/-
(10/10) Providing laying spreading Compacting Stone Aggregate					
Qty vide TMBP-56 Item No (10)					
= 498.26 m^3 @ Rs. $3672.01/\text{m}^3$					1829616/-
(11/11) Providing & laying applying prime coat Bitumen Emulsion.					
Qty vide TMBP-56 Item No (11)					
= 3692.81 m^2 @ Rs. $41.68/\text{m}^2$					153916/-
(12/12) Providing & applying surface coat with bitumen emulsion					
Qty vide TMBP-56 Item No (12)					
= 3692.81 m^2 @ Rs. $14.12/\text{m}^2$					52142/-

Continuation

= 52142/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/13) Prev. laying & rolling of close graded bituminous - do - Qty vide TMB P-55 Item No. (13) = 2692.81 m ² @ Rs. 204.93/m ² = 550880/-					
(14/14) Concrete Un-reinforced cement concrete - do - Qty vide TMB P-55 Item No. (14) = 4432.50 m ³ @ Rs. 7196.89/m ³ 172.68 = 3401802/-					
(15/15) P/F reinforced cement concrete M-15 grade kilometre 8 to - Qty vide TMB P-35 Item No. (15) = 2 Nos @ Rs. 2447.88/No. = 4896/-					
(16/16) P/F reinforced cement concrete M-25 grade 200 wide Qty vide TMB P-35 Item No. (16) = 2 Nos @ Rs. 2248.30/No. = 4496/-					
(17/17) P/F Reinforced cement concrete M-15 grade boundary - do Qty vide TMB P-35 Item No. (17) = 35 Nos @ Rs. 514.45/No. = 18006/-					
(18/18) Painting two coats including primer coat exterior walls - do Qty vide TMB P-55 Item No. (18)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$= 3.04 \text{ m}^2$ @ Rs. 86.40 / m^2					263/-
(19/20) Provision & applying 2 coats of Polyurethane TMBP-55 Stom No (19)					
$= 156.00 \text{ m}^2$ @ Rs. 91.20 / m^2					14227/-
(20/21) Provision & laying hot applied thermo plastic - do -					
Qty vide TMBP-58 Stom No (20)					
$= 381.00 \text{ m}^2$ @ Rs. 68.70 / m^2					26070/-
(21/22) Provision & laying of typical manhole & manhole sign - do -					
Qty vide TMBP-58 Stom No (21)					
$= 22.77 \text{ m}^2$ @ Rs. 11384.88 / m^2					22770/-
(22/23) Printing name letter & figures - do -					
Qty vide TMBP-58 Stom No (22)					
$= 132.00 \text{ m}^2$ @ Rs. 0.50 / m^2					66.00/-
(23/24) PIP typical manhole & manhole Maintenance Board - do -					
Qty vide TMBP-58 Stom No (23)					
$= 22.77 \text{ m}^2$ @ Rs. 11384.88 / m^2					22770/-
(24/25) PIP of retroreflective cones Mandatory and prohibition - do -					
Qty vide TMBP-58 Stom No (24)					
$= 14.00 \text{ m}^2$ @ Rs. 3630.29 / m^2					51510/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(25/26) P/B retroreflective cautionary mandatory in boundary - do -					
Qty vide TRIP-58 Stamp No (25)					
= 8.00 x 4932.32 / 100					= 393421
(26/27) Prov. & laying retroreflective cautionary / mandatory 600 x 450 mm - do -					
Qty vide TRIP-52 Stamp No (26)					
= 2.00 x 4303.42 / 100					= 8607
(27) Provide & laying retro					
reflective 200 mm x 200 mm octagons					
Qty vide TRIP-53 Stamp No (27)					
= 2.00 x 8260.57 / 100					= 16521
(28/30) Planting trees and their maintenance of one year - do					
Qty vide TRIP-51 Stamp No (28)					
Lim 300 @ Rs. 2000 / tree = 27209					
2900 @ Rs. 2000 / tree = 48420					
(29/31) Earthwork in excavation for foundation of structure - do					
Qty vide TRIP-57 Stamp No (29)					
= 35.10 m ³ @ Rs. 260.50 / m ³ = 10189					
(30/32) Sand filling in bound - of structure up to 3.00 m - do					
Qty vide TRIP-59 Stamp No (30)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$= 1.67 \text{ m}^3 @ \text{Rs. } 397.24/\text{m}^3 =$					664/-
(81/34) Prov. per grade m-15 plain					
reinforced - do -					
Qty mds TM B.P. 53 Stamp No (31)					
$= 2.53 \text{ m}^3 @ \text{Rs. } 5948.72/\text{m}^3$					
					= 15053/-
(82/30) Prov. reinforced cement concrete					
m-25 - do - as per 75 - do					
Qty mds TM B.P. 53 Stamp No (32)					
$= 14.64 \text{ m}^3 @ \text{Rs. } 7508.16/\text{m}^3$					
					= 111383/-
(23/10) Basic billing bonded					
abatement wing wall - do -					
Qty mds TM B.P. 53 Stamp No (33)					
$= 7.20 \text{ m}^3 @ \text{Rs. } 2811.85/\text{m}^3$					
					= 20246/-
(34/41) Prov. wood holes in					
masonry / stone masonry - do					
Qty mds TM B.P. 53 Stamp No (34)					
$= 10 \text{ Nos} @ \text{Rs. } 83.38/\text{Nos}$					
					= 834/-
(35/45) Self placing fly ash					
reinforcement - do -					
Qty mds TM B.P. 53 Stamp No (35)					
$= 1.08 \text{ m}^3 @ \text{Rs. } 5332.87/\text{m}^3$					
					= 57643/-

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					96/10055 ²⁰
Total Rs =					9671176/-
(-) 10% loss on prior agreement =					96/1006 ²⁰ 967118/-
Total					8704048/- 864909 ²⁰
(+) Add 12% GST on total =					104484/- 1037886 ²⁰
(+) Add 1% labour cost =					87041/- 86490 ²⁰
Total =					9835526/- 9773425 ²⁰
(-) loss prior paid bill Amount(-) =					1015143/-
Total =					2820443/- 2758282 ²⁰
					✓
<i>[Signature]</i>					<i>[Signature]</i>
07/02/2025					07/02/25
J.P. Mangrulkar					<i>[Signature]</i>