

No.XEN/GWL/MISC/CONT/BLNR-1//II/2012/BILL/PVC/2/Final Dated: 12.11.2014

Division/District

Name and address of contractor:-M/s Shravan Singh Yadav, Contractor, 351, Tansen Nagar,Tansen Road, Gwalior.

Name of work:-Left over Civil work in connection with commissioning of UP loop line at Birlanagar.

Authority for work:-No.78/W5/CNL/C/21/VOL.III dtd.26.3.92.

C A No.DY/CE/C/GWL/MISC/CONT/BLNR-01/II dt.05.10.12

Account of work executed:

On account payment for work covered by approximate or plain measurement			Item No.	Description	Unit in words and figures.	Rate in words and figures	Quantity executed and since last certificate	Payment			Remarks(with reason for delay in adjusting payment shows in column 1)
Total as per	Since last cer- ficate.	Total upto date						Quantity on the execute basis of	Quantity upto date as per measurements	Since last certificate	
1	2	3	4	5	6	7	8	9	10	11	12

Payment to be made through RTGS/NEFT/EFT

PAN NO.AAVFS4144A

Bank A/c No.1909009300000061

Punjab National Bank, Tansen Road, Hazira,GWL

MICR NO./IFSC Code: 474024004/PUNBO190900

Cont.Value Rs.1,18,78,281.97

01	Date of commencement	28.08.2012
02	Date of completion :	27.05.2013
03	Date of work done upto:	30.12.2013
04	Date of Bill recording	12.11.2014

04 **M.B.No.696** Page Nos.565022 to 527/RDESCRIPTION OF ITEMS.Basic Indices on the month of tender August- 2012

Percentage	E/Work	Quarry	other work	Index No.	Excise Duty 10.30%	Net Rate of Steel
01. Labour components. (LO)	50%	55%	30%	214.00		
02. For all components. (WO)	15%	15%	25%	167.30		
03. Fuel components. (FO)	20%	15%	15%	181.70		
04.Cement				171.60		
05.Steel As per SAIL's rate						
Tmt bar Fe 500				41000	4223	45223.00
(Price of Aug.2012)						

Labour components Rx(L-Lo)XP

Lo 100

All components Rx(M-Mo)XQ

Mo 100

1	2	3	4	5	6	7	8	9	11	12
---	---	---	---	---	---	---	---	---	----	----

Fuel components $Rx(F-F_o)XZ$

F_o 100

Cement component $Rx(W_c-W_{cO})/W_{cO}$

Steel component $Rx(W_s-W_{sO})/W_{sO}$

1st Quarter: Sept'12 to Nov'12

Bill Nos. & date	Work done	Gross Amt	EW Amount	Blanketing Amount	Cement Amount	Steel Amount	Other Amount
1st on ac bill 08.11.12	08.11.12	417830.00	0.00	0.00	92736.00	7141.00	317953.00
Total		417830.00	0.00	0.00	92736.00	7141.00	317953.00

Dec-12 to Feb 13)

Bill Nos. & date	Work done	Gross Amt	EW Amount	Blanketing Amount	Cement Amount	Steel Amount	Other Amount
2nd on ac bill 10.12.12	07.12.12	406091.00	0.00	36893.00	105101.00	4761.00	259336.00
Total		406091.00	0.00	36893.00	105101.00	4761.00	259336.00

Mar-13 to May-13)

Bill Nos. & date	Work done	Gross Amt	EW Amount	Blanketing Amount	Cement Amount	Steel Amount	Other Amount
3rd on ac bill 26.04.13	25.04.13	926824.00	52317.00	56669.00	86554.00	82747.00	648537.00
4th on ac bill 21.05.13	18.05.13	883674.00	0.00	0.00	37094.00	0.00	846580.00
Total		1810498.00	52317.00	56669.00	123648.00	82747.00	1495117.00

4th Quarter: Jun-13 to Aug-13)

Bill Nos. & date	Work done	Gross Amt	EW Amount	Blanketing Amount	Cement Amount	Steel Amount	Other Amount
5th on ac bill 16.07.13	15.07.13	1913830.00	0.00	0.00	98918.00	6723.00	1808189.00
6th on ac bill 14.08.13	10.08.13	1254266.00	333524.00	365818.00	24730.00	0.00	530194.00
Total		3168096.00	333524.00	365818.00	123648.00	6723.00	2338383.00

5th Quarter: Sept'13 to Nov'13

Bill Nos. & date	Work done	Gross Amt	EW Amount	Blanketing Amount	Cement Amount	Steel Amount	Other Amount
7th on ac bill 28.10.14	17.10.2013	1931739.00	0.00	0.00	602166.00	0.00	1329573.00
Total		1931739.00	0.00	0.00	602166.00	0.00	1329573.00

6th Quarter: Dec'13 to Feb'14

Bill Nos. & date	Work done	Gross Amt	EW Amount	Blanketing Amount	Cement Amount	Steel Amount	Other Amount
8th on ac bill 26.12.13	17.12.2013	692475.00	4077.00	0.00	135766.00	0.00	552632.00
9th&Final bill 07.10.14	30.12.2013	642608.00	38393.00	6.00	28668.00	3888.00	571653.00
Total		1335083.00	42470.00	6.00	164434.00	3888.00	1124285.00

1	2	3	4	5	6	7	8	9	11	12
1st Quarter.	Sept'12	Oct'12	Nov'12	Average						
1. L	215.00	217.00	218.00	216.67						
02. M	168.80	168.50	168.80	168.70						
03. F	188.50	189.80	188.70	189.00						
04. Cement				171.10						
PVC for Earth work										
L=	0.00	x	216.67	-	214.00	x	50	=	0.00	
				214.00			100			
M=	0.00	x	168.70	-	167.30	x	15	=	0.00	
				167.30			100			
F=	0.00	x	189.00	-	181.70	x	20	=	0.00	
				181.70			100			
PVC for quarry product										
L=	0.00	x	216.67	-	214.00	x	55	=	0.00	
				214.00			100			
M=	0.00	x	168.70	-	167.30	x	15	=	0.00	
				167.30			100			
F=	0.00	x	189.00	-	181.70	x	15	=	0.00	
				181.70			100			
PVC for other work										
L=	317953.00	x	216.67	-	214.00	x	30	=	1190.10	
				214.00			100			
M=	317953.00	x	168.70	-	167.30	x	25	=	665.17	
				167.30			100			
F=	317953.00	x	189.00	-	181.70	x	15	=	1916.12	
				181.70			100			
PVC for Cement $Mc = Rx(Wc - Wco) / WCo$										
PVC for Cement	92736.00	x	171.10	-	171.60				-270	
				171.60						
PVC for steel ms = Q(Bs-BSO)										
Date of purchag	QTY	Rate	ED	AMT						
05.10.2012	0.5	41000	10.30	45223.00					0	
	0.117				45223.00					
Total 1st Quarter									3501.39	
2nd Quarter.	Dec'12	Jan'13	Feb'13	Average						
01. L	219.00	221.00	223.00	221.00						
02. M	168.80	170.30	170.90	170.00						
03. F	190.40	193.40	195.50	193.10						
04. Cement	164.90			164.90						

1	2	3	4	5	6	7	8	9	11	12
PVC for Earth work.										
L=	0.00	x	221.00	-	214.00	x	<u>50</u>	=	0.00	
				214.00			100			
M=	0.00	x	170.00	-	167.30	x	<u>15</u>	=	0.00	
				167.30			100			
F=	0.00	x	193.10	-	181.70	x	<u>20</u>	=	0.00	
				181.70			100			
PVC for quarry product										
L=	36893.00	x	221.00	-	214.00	x	<u>55</u>	=	663.73	
				214.00			100			
M=	36893.00	x	170.00	-	167.30	x	<u>15</u>	=	89.31	
				167.30			100			
F=	36893.00	x	193.10	-	181.70	x	<u>15</u>	=	347.20	
				181.70			100			
PVC for other work										
L=	259336.00	x	221.00	-	214.00	x	<u>30</u>	=	2544.89	
				214.00			100			
M=	259336.00	x	170.00	-	167.30	x	<u>25</u>	=	1046.33	
				167.30			100			
F=	259336.00	x	193.10	-	181.70	x	<u>15</u>	=	2440.64	
				181.70			100			
PVC for Cement $Mc = Rx(Wc - Wco) / WCo$										
PVC for Cement	105101.00	x	164.90	-	171.60				-4104	
				171.60						
PVC for steel ms = Q(Bs-BSO)										
Date of purchase	QTY	Rate	ED	AMT						
05.10.2012	0.5	41000	10.30	45223.00					0	
	0.078			45223.00						
Total 2nd Quarter									3028.10	

3rd Quarter.	Mar'13	Apr'13	May'13	Average
01. L	224.00	226.00	228.00	226.00
02. M	170.10	171.30	171.40	170.93
03. F	191.60	193.70	191.90	192.40
04.Cement	172.30			172.30

1	2	3	4	5	6	7	8	9	11	12
PVC for Earth work.										
L=	52317.00	x	226.00	-	214.00	x	<u>50</u>	=	1466.83	
				214.00			100			
M=	52317.00	x	170.93	-	167.30	x	<u>15</u>	=	170.27	
				167.30			100			
F=	52317.00	x	192.40	-	181.70	x	<u>20</u>	=	616.17	
				181.70			100			
PVC for quarry product										
L=	56669.00	x	226.00	-	214.00	x	<u>55</u>	=	1747.74	
				214.00			100			
M=	56669.00	x	170.93	-	167.30	x	<u>15</u>	=	184.44	
				167.30			100			
F=	56669.00	x	192.40	-	181.70	x	<u>15</u>	=	500.57	
				181.70			100			
PVC for other work										
L=	1495117.00	x	226.00	-	214.00	x	<u>30</u>	=	25151.50	
				214.00			100			
M=	1495117.00	x	170.93	-	167.30	x	<u>25</u>	=	8110.09	
				167.30			100			
F=	1495117.00	x	192.40	-	181.70	x	<u>15</u>	=	13206.73	
				181.70			100			
PVC for Cement Mc=Rx(Wc-Wco)/WCo										
PVC for Cement	123648.00	x	172.30	-	171.60				504	
				171.60						
PVC for steel ms = Q(Bs-BSO)										
Date of purchase	QTY	Rate	ED	AMT						
01.04.2013	1.85	41000	10.30	45223.00					0	
	1.359				45223.00					
Total 3rd Quarter									51658.34	
4th Quarter.										
	June'13	July'13	Aug'13	Average						
01. L	231.00	235.00	237.00	234.33						
02. M	173.20	175.50	179.00	175.90						
03. F	194.70	199.90	204.70	199.77						
04.Cement	170.70			170.70						
PVC for Earth work.										
L=	333524.00	x	234.33	-	214.00	x	<u>50</u>	=	15842.39	
				214.00			100			
M=	333524.00	x	175.90	-	167.30	x	<u>15</u>	=	2571.70	
				167.30			100			
F=	333524.00	x	199.77	-	181.70	x	<u>20</u>	=	6633.77	
				181.70			100			

1	2	3	4	5	6	7	8	9	11	12
PVC for quarry product										
L=	365818.00	x	234.33	-	214.00	x	<u>55</u>	=	19113.99	
				214.00			100			
M=	365818.00	x	175.90	-	167.30	x	<u>15</u>	=	2820.71	
				167.30			100			
F=	365818.00	x	199.77	-	181.70	x	<u>15</u>	=	5457.07	
				181.70			100			
PVC for other work										
L=	2338383.00	x	234.33	-	214.00	x	<u>30</u>	=	66643.92	
				214.00			100			
M=	2338383.00	x	175.90	-	167.30	x	<u>25</u>	=	30050.95	
				167.30			100			
F=	2338383.00	x	199.77	-	181.70	x	<u>15</u>	=	34882.70	
				181.70			100			
PVC for Cement Mc=Rx(Wc-Wco)/WCo										
PVC for Cement	123648.00	x	170.70	-	171.60				-649	
				171.60						
PVC for steel ms = Q(Bs-BSO)										
Date of purchag	QTY	Rate	ED	AMT						
01.04.2013	1.85	41000	10.30	45223.00					0	
	0.110			45223.00						

Total 4th Quarter

183368.20

5th Quarter.	Sept'13	Oct'13	Nov'13	Average
01. L	238.00	241.00	243.00	240.67
02. M	180.70	180.70	181.50	180.97
03. F	210.60	209.80	209.60	210.00
04.Cement	164.50			164.50

PVC for Earth work.

L=	0.00	x	240.67	-	214.00	x	<u>50</u>	=	0.00	
				214.00			100			
M=	0.00	x	180.97	-	167.30	x	<u>15</u>	=	0.00	
				167.30			100			
F=	0.00	x	210.00	-	181.70	x	<u>20</u>	=	0.00	
				181.70			100			
PVC for quarry product										
L=	0.00	x	240.67	-	214.00	x	<u>55</u>	=	0.00	
				214.00			100			
M=	0.00	x	180.97	-	167.30	x	<u>15</u>	=	0.00	
				167.30			100			
F=	0.00	x	210.00	-	181.70	x	<u>15</u>	=	0.00	
				181.70			100			

1	2	3	4	5	6	7	8	9	11	12
PVC for other work										
L=	1329573.00	x	240.67	-	214.00	x	<u>30</u>	=	49709.88	
				214.00			100			
M=	1329573.00	x	180.97	-	167.30	x	<u>25</u>	=	27159.69	
				167.30			100			
F=	1329573.00	x	210.00	-	181.70	x	<u>15</u>	=	31062.40	
				181.70			100			
PVC for Cement Mc=Rx(Wc-Wco)/WCo										
PVC for Cement	602166.00	x	164.50	-	171.60				-24915	
				171.60						
PVC for steel ms = Q(Bs-BSO)										
Date of purchase	QTY	Rate	ED	AMT						
01.04.2013	1.85	41000	10.30	45223.00					0	
	0			45223.00						
Total 5th Quarter									83016.97	
6th Quarter.	Dec'13	Jan143	Feb'14	Average						
01. L	239.00	237.00	238.00	238.00						
02. M	179.60	179.00	179.50	179.37						
03. F	211.10	212.40	212.60	212.03						
04.Cement	164.70			164.70						
1	2	3	4	5	6	7	8	9	11	12
PVC for Earth work.										
L=	42470.00	x	238.00	-	214.00	x	<u>50</u>	=	2381.50	
				214.00			100			
M=	42470.00	x	179.37	-	167.30	x	<u>15</u>	=	459.61	
				167.30			100			
F=	42470.00	x	212.03	-	181.70	x	<u>20</u>	=	1417.85	
				181.70			100			
PVC for quarry product										
L=	6.00	x	238.00	-	214.00	x	<u>55</u>	=	0.37	
				214.00			100			
M=	6.00	x	179.37	-	167.30	x	<u>15</u>	=	0.06	
				167.30			100			
F=	6.00	x	212.03	-	181.70	x	<u>15</u>	=	0.15	
				181.70			100			
PVC for other work										
L=	1124285.00	x	238.00	-	214.00	x	<u>30</u>	=	37826.41	
				214.00			100			
M=	1124285.00	x	179.37	-	167.30	x	<u>25</u>	=	20278.12	
				167.30			100			

$$F = 1124285.00 \times \frac{212.03 - 181.70}{181.70} \times \frac{15}{100} = 28150.44$$

PVC for Cement $Mc = Rx(Wc - Wco) / WCo$

$$\text{PVC for Cement} = 164434.00 \times \frac{164.70 - 171.60}{171.60} = -6612$$

PVC for steel	ms	=	Q(Bs-BSO)		
Date of purchase	QTY	Rate	ED	AMT	
01.04.2013	1.85	41000	10.30	45223.00	0
	0.063877			45223.00	

Total 6th Quarter 83902.51

Summary

1st Quarter.	3501.39	Gross TOTAL	408475.51
2nd Quarter.	3028.10		
3rd Quarter.	51658.34	Less prepaid	324573.00
4th Quarter.	183368.20		
5th Quarter.	83016.97	Total Say	83902.51
6th Quarter.	83902.51	Say	83903.00
TOTAL.	408475.51	Total deductions.(-)	4245.00

83903 NET PAYABLE 79658.00

DEDUCTIONS.

01. I/Tax @ 2%	1678
02. Bill copy.	50
03. MP VAT @2% Etawah.	1678
04.MP Bldg&CW Bd.@1% Etawah	839

TOTAL DEDUCTIONS 4245

When there are two or more entries in column 10 relating to each sub-head of estimate they should, in the case of works, the accounts of which are kept by sub-heads, be totalled and the total recorded in column II for posting the Register of Works.

B	Total value of work done to date (A) deduct-value of work shown on last, certificate Net value of work since last certificate.(F)Fig.(F)in words.	408475.51	324573.00	83902.51
----------	--	------------------	------------------	-----------------

II- Certificate and Signature.

The measurements on which are based the entries in columns 4 to 10 of Account I, were made by Shri R.S. Sengar, JE/C/W/GWL on **12.11.2014** are recorded on **Page Nos.565022 to 527/R** of measurement book No.696

Rank in Charge of Works. AXEN(C)I GWL

I. Certified that in addition to and quite apart from the quantities of work actually executed as shown in column 8 of account I, same work has actually been done in connection with several items and the of such work is in no case, less than the on account as per column 3 of Account 1, made or proposed to be made, for the convenience of the Contractor in anticipation of and subject to the result of detailed measurements which will be made as soon as possible.

Certified that no materials, the cost of which has not been recovered, were issued to the Contractor.

Dated, Signature of Officer Preparing the bill, Rank {

OS/Rates

AXEN(C)I GWL

CONTRACTOR(S)

III - Memorandum of Payments.

1. Total value of work actually measured as per Account I, column 9, entry(A).

2. Total up-to-date on accounts payments for works covered by approximate or plain measurements as per Account 1, column 3, entry (B).

3. Total (1 & 2).

Rs. Ps.

4. Deduct amount withheld on account of security deposit:-

(a) From previous bill as per last certificate.

(b) From this certificate.

II. Balance i.e. up-to-date payments.....Items(3-4) (K).

5. Total amount of payments already made as per entry (K) of last certificate No.-----

Dated.....forwarded to the Account Officer on

III. Payment now to be made--

Rs. Ps.

(a) For stores supplied.

(b) By cash or cheque.

Gross Amount. Rs.

Less deductions. Rs.

Net payable. Amt. Rs.

IV. Here enter the nature of check measurements taken or other examination of work and the results of such examination.

Certified for payment of Rs. (c)_____chargeable to_____and to be included in accounts for_____2013

To be paid in cash/by cheque in presence of _____

Head Clerk or Accountant

Received Rs. (b)_____as per above memorandum on account of this work.

Executive Engineer_____Distric/Division.

Cash_____

Stamp.

Witness: {1. _____
{2. _____

Signature of Contractor

VI. Entries to be made in Accounts Office (on open line)

Account Bill No. _____ Dated _____
Entered in Abstract No. _____ Dated _____
Passed for Rs. _____
Amount passed Rs. _____
Loss deduction Rs. _____
Net amount payable. _____

Chargeable to _____ Posted by _____ Checked by. _____
Passed by _____

Accounts Officer.

VII. Entries to be made by Pay Department (on open lines):--

Cash entry dated _____ Total Rs. _____
Amount paid Rs. _____ Paid in presence of _____
Amount unpaid Rs. _____

Head Pay Clerk.

(a) This figure should be tested to see that it agrees with the total of items 6 and 7.

(b) If the amount to be paid is less than Rs.10 and it cannot be included in cheque,the payment should be made in cash,this entry being altered suitably and the alteration attested by dated initial.

(c) Here specify the net amount payable vide item 7(b).

(d) The payee's acknowledgement should be for the gross amount paid as per item 7 i.e.(a), (b).

(e) Payment should be attested by some known person when the payee's acknowledgement given by mark, seal or thumb impression.

On account payment for work covered by approx. or plain measurement			Payment on the basis of actual measurements							Remarks	
Total as per	Since last certificate.	Total upto date	Item No.	Description	Unit in words and figures.	Rate in words and figures.	Quantity executed and since last certificate	Quantity execute upto date as per measure ment book	Uptodate	Since last certificate	(With reason for delay in adjusting payment shows in column 1)
1	2	3	4	5	6	7	8	9	10	11	12

Contr's Certificates:

01. Certified that the labour engaged by me/us were paid wages not less than the minimum as circulated by Ministry of labour from time to time.

02. Certified that the details measurements recorded on **Page Nos.565022 to 527/R** of M.B.No.696, are correct to my satisfaction and I/We have no claim against **C A No.DY/CE/C/GWL/MISC/CONT/BLNR-01/II dt.05.10.12**

CONTRACTOR(S).

Certified for Rs. **83902.51** only.

AXEN(C) GWL's Certificates:**Certified that:-**

01. Certified that this Price Variation Clause has been entered from **Page Nos.565022 to 527/R** on RBI Buletin (Xerox copy enclosed) .

02. Certified that the said PVC Bill is due for the payment to the contractor(s) for the period (Quarters) mentioned herein this bill.

(M.C. Shrivastava)
AXEN(C)I GWALOR

ALLOCATION: Phase-III

P-1162(3)
Say

83902.51
83903

DEDUCTIONS.

01. I/Tax @ 2%	1678
02. Bill copy.	50
03. MP VAT @2% Etawah.	1678
04.MP Bldg&CW Bd.@1% Etawah	839
TOTAL DEDUCTIONS	4245

Net payable.

79658