

NORTH CENTRAL RAILWAY**ENGINEERING DEPARTMENT****E.B.3****2nd & Final PVC bill CONTRACT CERTIFICATE****IGRCE-1235/E 195 F****No.XEN/DHO/MISC/CONT/ROB/477-A/BILL/14****Dated 03.09.2015**

Division/District: Jhansi

Name and address of contractor:-M/S Bihari Lal Menghani E/149 1st floor OPP. Sainik Vihar, Gate No.1 Rishi Nagar New Delhi.

Corresponding address WZ-13,2nd floor,Bindra Market ,Sant pura (Near Tilak nagar Police station)New delhi -18

Name of work :-Construction of Road Over Bridge in lieu of level Crossing No.477/A (skew) At Km 1318 / 32-34 in JHS-AGC Section of JHS Division

Pink Book item No.117 of 11-12 Estimate sanction Letter No.DY/CE/C/GWL/DO/JHS-AGC/ROB-477-A/402/5 dated 07.07.2010

Account of work execu **31.07.2014****Agreement No.DY/CE/C/DHO/ROB/JHS-AGC/477-A dated 22.06.12**

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

Payment to be made through NEFT system

Cont.Value Rs.3,16,76,730.60

01	Date of opening of tender	24.02.2012									
02	Date of commencement	10.04.2012									
03	Date of completion :	09.02.2013									
04	Date of work done upto:	31.07.2014									
05	Date of recording of esclasion bill	03.09.2015									
06	Measurements recorded by Shri D.K.Sharma, SSE (Wks)'C' GWL & 100% test checked by Shri M.K.Khare XEN (C)DHO										
07	Extension granted upto:	31.07.2014 without penalty (under 17/A)									
08	MB No. 5	Page No.825737/R to 825754/R									
09	ISD- Rs.283500/- Deposited vide TDR/ MPL- E No. 0826535 dated 23.02.12 issued by Oriental Bank of Commerce Br. G.T.K. Road Delhi										
10	P.G. = Rs 1583837.00 Deposited vide B.G. Bond No 03280000612 dt. 07.05.12 validity extended up to 06.08.14 issued by Oriental Bank of Commerce Br. G.T.K. Road Delhi										

Basic Indices on the month of opening of tender Feb 2012

Percentage	E/Work	Quarry	Other work	Index No.	Excise duty 10.30%	Rate of steel after Excise duty
01. Labour components. (LO)	50%	55%	30%	199.00		
02. For all components. (WO)	15%	15%	25%	159.30		
03. Fuel components.(FO)	20%	15%	15%	176.70		
04.Cement				160.50		
05.Steel As per SAIL's rate Tmt bar Fe 415				40000	4120	44120
Labour	Labour components Rx(L-Lo)XP					
Material	All components Rx(W-Wo)XQ					
Fuel	Fuel components Rx(F-Fo)XZ					
Steel	Steel componant Ms= Q(Bs-Bso)					

1	2	3	4	5	6	7	8	9	10	11	12
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Item	SOR Rate	Cotrctors % age 18.7% above	Total Rate
steel bars	54.35	10.16	64.51
Cement	5980.00	1118.26	7098.26

1st Quarter.	Mar'12	Apr'12	May'12	No bill paid								
2nd Quarter.	Jun'12	July'12	Aug'12									
3rd Quarter.	Sep'12	Oct'12	Nov'12									
4th Quarter.	Dec'12	Jan'13	Feb'13									
5th Quarter:	Mar'13 to May'13				Steel			cement				
				Gross	Qty. in kg	Rate	Amount	Qty.	Rate	Amount	Other work	
1st on A/c bill dtd 23.05.13 (WD 20.05.13)				2604026.86	9610.06	64.51	619944.97	67.124	7098.26	476463.60	1507618.29	
Total				2604026.86	9610.06		619944.97	67.124		476463.60	1507618.29	

	March '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

PVC for other work

L=	1507618.29	x	226.00	-	199.00	x	30	=	61365.37
					199.00		100		
M=	1507618.29	x	170.93	-	159.30	x	25	=	27516.64
					159.30		100		
F=	1507618.29	x	192.40	-	176.70	x	15	=	20093.05
					176.70		100		

PVC for Cement $Mc = R \times (Wc - Wco) / WCo$

PVC for Cement									35029.72
	476463.60	x	172.30	-	160.50				
					160.50				

PVC for steel $ms = Q(Bs - BSO)$

Date of purchased	QTY Purchased	Qty consumed	Rate	ED	AMT	Base price of steel
24.05.12	1.2506		41000	12.36%	46067.60	
		1.188	x		46067.60	44120.00
17.04.13	4.5410		41000	12.00%	45920.00	
		4.314	x		45920.00	44120.00
28.04.13	8.7830		41000	12.00%	45920.00	
		4.108	x		45920.00	44120.00
		9.610				

Total 5th quarter

161478.13

1	2	3	4	5	6	7	8	9	10	11	12
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		Steel			cement					
6th Quarter:	June'13 to Aug'13	Gross	Qty. in kg	Rate	Amount	Qty.	Rate	Amount	Other work	
2nd on A/c bill dtd 07.06.13 (WD 06.06.13)		1519762	5887.720	64.51	379816.82	44.388	7098.26	315077.56	824867.58	
3rd on A/c bill dtd 04.07.13 (WD 02.07.13)		2027489	9249.668	64.51	596696.08	55.485	7098.26	393846.96	1036946.46	
4th on A/c bill dtd 29.07.13 (WD 25.07.13)		1573025	6727.728	64.51	434005.73	44.388	7098.26	315077.56	823941.25	
	Total	5120276	21865.116		1410518.63	144.26		1024002.09	2685755.29	

6th 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	1st month of the qtr

PVC for other work

L=	2685755.29	x	234.33	-	199.00	x	30	=	143046.84
				199.00			100		
M=	2685755.29	x	175.90	-	159.30	x	25	=	69967.89
				159.30			100		
F=	2685755.29	x	199.77	-	176.70	x	15	=	52597.94
				176.70			100		

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

PVC for Cement									
.	1024002.09	x	170.70	-	160.50				65076.77
.					160.50				

PVC for steel $ms = Q(Bs - BSO)$

Date of purchased	QTY (in MT) Purchased	Qty (in MT) consumed	Rate	ED	AMT	Base price of steel	
28.04.13	8.783		41000	12.00%	45920.00		
		4.236	x	45920.00	-	44120.00	7624.80
17.05.13	19.850		41000	12.00%	45920		
		17.629	x	45920.00	-	44120.00	31732.20
		21.865					

Total 6th quarter**370046.44**

1	2	3	4	5	6	7	8	9	10	11	12
7th Quarter: Sept '13 to Nov'13							Steel			cement	
				Gross	Qty.in kg	Rate	Amount	Qty.	Rate	Amount	Other work
5th on A/c bill dtd 27.09.13 (WD 26.09.13)				3861128	37024.847	64.51	2388472.88	115.137	7098.26	817272.36	655382.64
6th on A/c bill dtd 29.10.13 (WD 28.10.13)				1174850	3977.205	64.51	256569.49	69.600	7098.26	494038.90	424241.36
7th on A/c bill dtd 06.12.13 (WD 30.11.13)				8157331	5083.205	64.51	327917.55	19.026	7098.26	135051.49	7694362.08
Total				13193309	46085.257		2972959.93	203.76		1446362.75	8773986.08

7th Quarter:	Sept '13 to Nov'13			Average.
	Sept'13	Oct'13	Nov'13	
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 other work									
L=	8773986.08	x	240.67	-	199.00	x	<u>30</u>	=	551173.87
				199.00			100		
M=	8773986.08	x	180.97	-	159.30	x	<u>25</u>	=	298387.13
				159.30			100		
F=	8773986.08	x	210.00	-	176.70	x	<u>15</u>	=	248025.24
				176.70			100		
PVC for Cement			Mc=Rx(Wc-Wco)/WCo						
PVC for Cement									36046.42
	1446362.75	x	164.50	-	160.50				
				160.50					

PVC for steel		ms	=	Q(Bs-BSO)		
Date of purchased	QTY Purchased	Qty consumed	Rate	ED	AMT	Base price of steel
17.05.13	19.850		41000	12.00%	45920	
		1.229	x		45920.00	-
20.06.13	4.030		41000	12.00%	45920.00	
		3.829	x		45920.00	-
05.07.13	20.380		41000	12.00%	45920.00	
		19.361	x		45920.00	-
31.08.13	20.970		41000	12.00%	45920.00	
		19.922	x		45920.00	-
20.09.13	1.750		41000	12.00%	45920.00	
		1.663	x		45920.00	-
21.10.13	7.44		41000	12.00%	45920.00	
		0.081	x		45920.00	-
		46.085				
Total 7th quarter						

1	2	3	4	5	6	7	8	9	10	11	12
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8th Quarter: Dec '13 to Feb'14

	Steel			Cement		
	Gross	Qty.in kg	Rate	Amount	Qty.	Rate
8th on A/c bill dtd 12.12.13 (WD 10.12.13)	831844	5100.000	64.51	329001.00	19.026	7098.26
Total	831844	5100.000		329001.00	19.026	

8th Quarter:**Dec '13 to Feb'14**

	Dec'13	Jan'14	Feb'14	Average.
01. L	239.00	237.00	238.00	238.00
02. M	179.60	179.10	179.50	179.40
03. F	211.10	212.40	212.60	212.03
04.Cement	164.70			164.70

1st month of the qtr

PVC for other work

L=	367791.87	x	238.00	-	199.00	x	30	=	21623.94
				199.00			100		
M=	367791.87	x	179.40	-	159.30	x	25	=	11601.72
				159.30			100		
F=	367791.87	x	212.03	-	176.70	x	15	=	11030.63
				176.70			100		

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

PVC for Cement									3534.06
	135051.49	x	164.70	-	160.50				
					160.50				

PVC for steel $ms = Q(Bs - BSO)$

Date of purchased	QTY Purchased	Qty consumed	Rate	ED	AMT	Base price of steel
21.10.13	7.440		41000	12.00%	45920	
		5.100	x	45920.00	-	44120.00
		5.100				

Total 8th quarter**56970.35**

1	2	3	4	5	6	7	8	9	10	11	12
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9th Quarter: Mar'14 to May'14

	Steel			cement			Other work
	Gross	Qty.in kg	Rate	Amount	Qty.	Rate	
9th on A/c bill dtd 07.03.14 (WD 07.03.14)	4120518	119.807	64.51	7728.75	0.000	7098.26	4112789.25
10th on A/c bill dtd 09.05.14 (WD 06.05.14)	1850655	12780.000	64.51	824437.80	0.000	7098.26	1026217.20
Total	5971173	12899.807		832166.55	0.00	0.00	5139006.45

9th Quarter:**Mar'14 to May'14**

	March '14	Apr'14	May'14	Average.	
01. L	239.00	242.00	244.00	241.67	
02. M	180.30	180.80	182.00	181.03	
03. F	214.20	211.80	212.10	212.70	
04.Cement	164.10			164.10	1st month of the qtr

PVC for other work

L=	5139006.45	x	241.67	-	199.00	x	30	=	330574.98
				199.00			100		
M=	5139006.45	x	181.03	-	159.30	x	25	=	175252.06
				159.30			100		
F=	5139006.45	x	212.70	-	176.70	x	15	=	157049.43
				176.70			100		

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

PVC for Cement									0.00
	0.00	x	164.10	-	160.50				
					160.50				

PVC for steel $ms = Q(Bs - BSO)$

Date of purchased	QTY Purchased	Qty consumed	Rate	ED	AMT	Base price of steel	
21.10.13	7.440		41000	12.00%	45920		
		1.8870	x	45920.00	-	44120.00	3396.60
22.03.14	14.640		41000	12.00%	45920.00		
		11.0129	x	45920.00	-	44120.00	19823.22
		12.8999					

Total 9th quarter**686096.29**

1	2	3	4	5	6	7	8	9	10	11	12
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10th Quarter: June'13 to Aug'13

	Steel			cement			Other work
	Gross	Qty.in kg	Rate	Amount	Qty.	Rate	
11th on A/c bill dtd 18.07.14 (WD 16.07.14)	1249077	2000.000	64.51	129020.00	4.070	7098.26	1091167.08
12 th & final bill dtd 09.05.15 (WD 31.07.14)	1604960	347.125	64.51	22393.03	13.356	7098.26	1487762.61
Total	2854037	2347.125		151413.03	17.426		2578929.69

10th Quarter:**June'14 to Aug'14**

	June'14	July'14	Aug'14	Average.	
01. L	246.00	252.00	253.00	250.33	
02. M	183.00	185.00	185.90	184.63	
03. F	212.30	214.60	214.00	213.63	
04.Cement	165.50			165.50	1st month of the qtr

PVC for other work

L=	2578929.69	x	250.33	-	199.00	x	30	=	199562.50
				199.00			100		
M=	2578929.69	x	184.63	-	159.30	x	25	=	102517.72
				159.30			100		
F=	2578929.69	x	213.63	-	176.70	x	15	=	80848.79
				176.70			100		

PVC for Cement

 $Mc = Rx(Wc - Wco) / WCo$

PVC for Cement

123694.28	x	165.50	-	160.50					3853.40
				160.50					

PVC for steel

ms

=

 $Q(Bs - BSO)$

Date of purchased	QTY Purchased	Qty consumed	Rate	ED	AMT	Base price of steel
22.03.14	14.640		41000	12.00%	45920	
		2.3471	x	45920.00	-	44120.00
		2.3471				

4224.78

Total 10 th quarter**391007.19**

1	2	3	4	5	6	7	8	9	10	11	12
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Summary

1st Quarter.	No work Executed	0.00
2nd Quarter.	No work Executed	0.00
3rd Quarter.	No work Executed	0.00
4th Quarter.	No work Executed	0.00
5th Quarter.		161478.13
6th Quarter.		370046.44
7th Quarter.		1216585.66
8th Quarter.		56970.35
9th Quarter.		686096.29
10th Quarter.		391007.19

TOTAL.	2882184.06
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Gross	TOTAL	2882184.06
	Less prepaid	1745214.23
	Say	1136970

1136970**DEDUCTIONS.**

01. I/T @2%	..	22739
02. S.D.@10%		0
03. Bill copy.		50
04. VAT @ 4%.UP		45479
05. UP Build. & CW Bd @1%		11370
Total deduction		79638

Total deductions.(-)	79638
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NET PAYABLE.	1057332
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Whenever there is any entry in column 10 on the basis of actual measurements, the whole of the amount previously paid without detailed measurement should be adjusted by a minus entry in column ___ equivalent to the amount shown in column 1, so that the total up-to-date in column 3 may become nil.

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.	2882184.06	1745214.23	1136969.83
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II- certificate and Signature.

The measurements on which are based the entries in columns 4 to 10 of Account I, were made by Shri D.K.Sharma & SSE/C/GWL on
03.09.2015 are recorded on **Page No.825737/R to 825754/R** of measurement book no. 5

Rank in Charge of Works: **XEN/C/DHO**

Dated Signature of Contractor

Dated Signature of Officer preparing the bill (Designation)

I have no other claim outstanding against the Central Railway for work done or for labour or materials supplied or no any other account and the payment of this bill shall be the final settlement of all my claims in respect of the work to which Agreement No. which the Railway relates.

Witness to Signature of the Contractor.
OS /Rate

Signature of Officer
(M.K.Khare)
XEN/C/DHO

Signature of Contractor
Full address: M/S Bihari Lal Menghani
Corresponding address WZ-13, 2nd floor, Bindra Market,
Sant pura (Near Tilak nagar Police station) New Delhi -18
Dated:.....2015

III - Memorandum of Payments.

1. Total value of work actually measured as per Account I, column 9, entry(A).				Rs.	Ps.
2. Total amount of payments already made as per entry(K) of last certificate No.....dated..... forwarded to the Accounts Officer on.....					
3. Payment now to be made.	Rs.	Ps.	Gross Amount.	Rs.	
(a) For Stores supplied. ....]	.....	.....	Less deductions.	Rs.	.....
(b) By Cash. ....]	.....	.....	Net payable.	Amt.Rs.	.....
(c) By Cheque. ....]	.....	.....	

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 _____ 2015

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

Head Clerk or Accountant

Executive Engineer _____ Distric/Division.

Received Rs. (b) _____ as final payment in settlement of demand as per details above on account of this work.

Signature and designation of
witnessing Officer.

Signature of Contractor.

Stamp.

Dated.....

Dated.....

VI. Entries to be made in Accounts Officer (open lines)

Accounts Bill No..... dated:.....

Passed for Rs.....

Less deduction Rs.....

Chargeable to.....Posted by.....

Checked by.....

Passed by.....

Entered in abstract No.....dated.....

Amount passed Rs.....

Net amount payable.....

Rupees.....Ps.....

Accounts Officer.

VII. Entries to be made by Pay Department (Open Lines)

Cash entry dated.....

Amount paid Rs.....

Total Rs.....

Paid in my presence.....

Head Pay Clerk.

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			Item No.	Description of work	Unit in words and figures.	Rate in words and figures	Quantity executed since last certificate	Quantity executed upto date as per measurement book	Payment on the basis of actual measurements		Remarks (With reason for delay in adjusting payment shows in column 1)
Total as per	Since last certificate.	Total upto date							Uptodate	Since last certificate	
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 of M.B.No. 5 are correct to my satisfaction and I/We have no claim against

Page No.825737/R to 825754/R

Agreement No.DY/CE/C/DHO/ROB/JHS-AGC/477-A dated 22.06.12

CONTRACTOR(S)

Certified for Rs. **1136969.83** only.

XEN(C) DHO's Certificates:**Certified that:-**

01. Certified that this Price Variation bill has been entered on of M.B.No. 5 based on the RBI Buletin (Xerox copy enclosed) .

Page No.825737/R to 825754/R

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

ALLOCATION:

27305203

1136969.83

Say 1136970

(M.K.Khare)

XEN/C/DHO

DEDUCTIONS.

01. I/T @2% 22739

02. S.D.@10% 0

03. Bill copy. 50

04. VAT @ 4%.UP 45479

05. UP Build. & CW Bd @1% 11370

Total deduction **79638**

Net Payable 1057332