

NORTH CENTRAL RAILWAY

ENGINEERING DEPARTMENT

RUB-444

EB 4

**5th ON ACCOUNT CONTRACT CERTIFICATE****No.XEN/DHO/R/RUB/STLI-DHO/CONT-02/Bill/05 Dated: 13.07.2015**

Division/District: Jhansi

Name and address of contractor:-Akasva Infrastructure,B-8/13, Vasant Vihar New Delhi

Name of work :-Construction of NHS/RUB in lieu of level Crossing No. 444 by box pushing method in GWL-AGC Section of JHS Division

**Authority for work:-****STLI - DHO Normal height subways / road under bridges in lieu of level crossings****CA No.DY/CE/C/DHO/R/RUB/STLI-DHO/CONT-02/ dt 29.05.14**Account of work executed: **10.07.2015**

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 Uptodate	Since last certificate	Remarks(with reason for delay in adjusting payment shows in column 1)
Total as per	Since last certificate.	Total upto date									
1	2	3	4	5	6	7	8	9	10	11	12

Payment to be made through NEFT system

**Cont.Value Rs.6,61,93,938.28**

- 01 Date of commencement 05.02.2014 **PAN No.AAQFA2142P**
- 02 Date of completion : 04.12.2014 **A/C No.30823791833 State Bank of India**
- 03 Date of work done upto: 10.07.2015 **Br. Sector -12 ,Noida, Gautam Budh Nagar U.P.**
- 04 Date of measurement: 10.07.2015 **MICR/IFSC Code No.SBIN0011485**
- 05 Measurements recorded by Shri R.K.Gupta, SSE (Wks)'C' GWL & 100% test checked by Shri A.K.Jain XEN (C )DHO@Gwalior
- 06 Extension granted upto: - **31.07.2015 under CL17(B) of GCC without damage & without penalty**
- 07 **M.B.No. 2 Page Nos.825437/R to 825446/R**
- 08 ISD- Rs.431040/-deposited vide DD No.130494 dated 18.11.13 issued by State Bank of Patiala Br. New Delhi
- 09 P.G.= Rs 3309700/- deposited vide B.G. Bond No 5073214BG0000219 dated 26.02.2014 issued by State Bank of Patiala Br. Commercial Branch Chandralok Building 36, Janpath New Delhi

**DESCRIPTION OF ITEMS.****MS item Unified SOR ,NCR 2010**

1	011010	Earth work in excavation as per .....								
a	011011	All kinds of soils AQ: 200m3	cum	85.54	0	0		0.00	0.00	
2	011050	Extra for lead of earth work above .....								
a	011051	for every 50 m or part thereof - ...AQ 600m3	cum	11.21	0	0		0.00	0.00	
b	011070	Extra for every additional lift of 1.5m ...AQ:600m3	cum	8.39	0	0		0.00	0.00	
<b>Total</b>								<b>0.00</b>	<b>0.00</b>	

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 Uptodate	Since last certificate	Remarks(with reason for delay in adjusting payment shows in column 1)
Total as per	Since last certificate.	Total upto date								
						B/F		0.00	0.00	
3	012070		Open timbering in trenches for foundations and							
a	012072		Depth exceeding 1.5m .. exceeding 3m AQ:100m2	sqm	42.73	0	0	0.00	0.00	
b	012073		Depth exceeding 3 m AQ:200m2	sqm	46.89	0	0	0.00	0.00	
4	013120		Earthwork in filling in embankment, ....AQ:200m3	cum	208.30	0	0	0.00	0.00	
5	013130		Extra for mechanical compaction ..... AQ:200m3	cum	14.21	0	0	0.00	0.00	
6	021130		Loading/Unloading G.I. sheets, rails, joists, ...							
a	021131		Individual length upto 3.5 M AQ:3 MT	MT	100.46	0	0	0.00	0.00	
b	021132		Individual length more than 3.5 M AQ :3MT	MT	109.75	0	0	0.00	0.00	
7	021170		Leading miscellaneous materials ....AQ:6MT	MT	125.01	0	0	0.00	0.00	
8	031010		Providing and laying in position cement concrete							
a	031012		1:3:6(1cement :3sand :6 graded stone...AQ:100m3	cum	1861.88	0	0	0.00	0.00	
9	031050		Providing and laying in position cement concrete							
a	031051		All works upto Plinth level AQ:320m3	cum	1847.51	0	0	0.00	0.00	
10	033060		Supply and using cement at worksite :							
a	033061		OPC 43 grade AQ:900 Tonne	Tonne	5980.00	53.427	257.194	1538020.12	319493.46	
11	043010		Providing, hoisting and fixing in position upto floor							
a	043015		In slabs for drain covers, manhole covers..AQ:4m3	cum	2695.23	0.00	0.00	0.00	0.00	
12	045010		Supplying Reinforcement for R.C.C.							
a	045016		Thermo-Mechanically Treated bars AQ:189000Kg	Kg	54.35	4300.000	62093.267	3374769.06	233705.00	
13	051010		Brick work with non-modular (FPS) 'bricks ....							
a	051014		C M 1:4 (1 cement : 4 fine sand) AQ:50m3	cum	2903.10	0	0	0.00	0.00	
14	081030		Structural steel work welded in built up							
a	081031		In RSJ, tees, angles and channels AQ:15000Kg	Kg	69.24	0	0	0.00	0.00	
b	081032		In flats, plates , round or square bars AQ:13000Kg	Kg	68.00	0	0	0.00	0.00	
15	081140		Supply. & fix.lewis/ holding down bolts ...AQ500Kg	Kg	61.13	0	0	0.00	0.00	
16	081290		Steel work in built up tubular trusses including							
a	081291		Hot finished welded type tubes AQ:40000Kg	Kg	95.94	0	0	0.00	0.00	
17	081410		Steel work welded in built up sections/ framed							
a	081412		In gratings, frames, .....AQ:800Kg	Kg	72.53	0	0	0.00	0.00	
18	092030		Cement concrete pavement with 1:2:4..... AQ:30m3	cum	2129.12	0	0	0.00	0.00	
19	103040		Extra for providing and fixing wind ties ...AQ:1200m	metre	85.18	0	0	0.00	0.00	
<b>Total</b>								<b>4912789.18</b>	<b>553198.46</b>	

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 Uptodate	Since last certificate	Remarks (with reason for delay in adjusting payment shows in column 1)
Total as per	Since last certificate.	Total upto date								
						<b>B/F</b>		<b>4912789.18</b>	<b>553198.46</b>	
20	103080	Sup. fitting/ fixi.	Corrug. fibre glass...AQ: 300m2	sqm	350.87	0.00	0.00	0.00	0.00	
21	109230	Sup.& Installation,inclu..	lifting to all ..AQ:2150m2	sqm	648.29	0.00	0.00	0.00	0.00	
22	111010	12 mm cement plaster of mix -								
a	111011	1:4 (1cement: 4 fine sand)	AQ: 150m2	sqm	62.37	0.00	0.00	0.00	0.00	
23	115110	Finish.walls with water proof.cement ...	AQ:2500m	sqm	33.36	0.00	0.00	0.00	0.00	
24	115180	Finish.walls with Premium Acrylic ....	AQ:200m2	sqm	68.04	0.00	0.00	0.00	0.00	
25	121050	Painting with synthetic enamel paint of approved ....								
a	121051	Two or more coats on new work	AQ:2000m2	Sqm	45.30	0.00	0	0.00	0.00	
26	142010	Providing and laying non-pressure NP2 class (light								
a	142014	300mm dia. R.C.C. pipe	AQ:30m	metre	495.19	0.00	0.00	0.00	0.00	
27	154010	Prov. & fix. 110mm dia PVC soil, waste...	AQ:50m	metre	221.56	0.00	0.00	0.00	0.00	
28	183060	Dismantling including stacking of serviceable .....								
a	183061	Under layer of road of water .....	AQ:800m2	sqm	40.06	0.00	0.00	0.00	0.00	
b	183062	Bituminous top layer of road....	AQ:800m2	sqm	77.81	0.00	0.00	0.00	0.00	
29	191010	Exploratory drilling of Bore holes down to....								
30	191011	0m to 10m ....	AQ:20m	metre	1561.06	0.00	0.00	0.00	0.00	
31	191120	Conducting standard penetration test ..	AQ: 2nos	Each	313.61	0.00	0.00	0.00	0.00	
32	191180	Prepara..and submis.. of Final report...	AQ:2nos	Each	68528.50	0.00	0.00	0.00	0.00	
33	192010	Earth work in excavation for foundations .....								
a	192011	All kinds of soil	AQ:6650m3	cum	165.50	302.600	4657.550	770824.53	50080.30	
b	192012	Ordinary Rock	AQ:200m3	cum	196.92	0.00	0.00	0.00	0.00	
c	192013	Hard rock ( requiring blasting)	AQ:100m3	cum	306.72	0.00	0.00	0.00	0.00	
34	192030	Provid. & lay. Plain C Concrete 1:3:6	AQ:320m3	cum	1782.20	12.750	101.607	181084.00	22723.05	
35	194010	Provid.& lay. in position machine,...	AQ:1952m3	cum	1694.28	119.112	552.454	936011.76	201809.08	
36	195030	Centring and shuttering including strutting,								
a	195038	In Bottom/top slab, side walls, ....	AQ:5000m2	Sqm	214.70	453.65	599.19	128646.09	97398.66	
37	222280	Suppl., spread. & filling coarse sand...	AQ:20m3	cum	824.18	0.00	0.00	0.00	0.00	
38	222300	Dewatering of natural .. Water....	AQ: 50HPHrs	HP Hour	15.33	0.00	0.00	0.00	0.00	
39	231040	Providing and laying water bound macadam.....								
40	231041	Sub-base with stone aggregate .....	AQ:25m3	cum	1003.48	0.00	0.00	0.00	0.00	
41	237010	Providing and fixing Cat's Eye ...	AQ:50Nos	Each	536.96	0.00	0.00	0.00	0.00	
						<b>Total</b>		<b>6929355.56</b>	<b>925209.54</b>	

On account payment for work covered by approximate or plain measurement		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 Uptodate	Since last certificate	Remarks (with reason for delay in adjusting payment shows in column 1)
Total	Since last certificate.	Total upto date							
<b>42 Any other MS items</b>							<b>B/F</b>	<b>6929355.56</b>	<b>925209.54</b>
								<b>0.00</b>	<b>0.00</b>
<b>Total MS PV</b>								<b>6929355.56</b>	<b>925209.54</b>
Add estimated % age 29.84% above on USSOR items as per avrage LAR								<b>2067719.70</b>	<b>276082.53</b>
<b>Total esimated cost of MS</b>								<b>8997075.26</b>	<b>1201292.07</b>
Add contractor's %age @12% above on estimated rate/cost of MS items								<b>1079649.03</b>	<b>144155.05</b>
<b>NS items</b>								<b>10076724.29</b>	<b>1345447.12</b>
43	NS-1	Removing ballast mixed with muck from track... .....labour, material, tools & plants etc.....AQ 50m3	cum	85.31	0.00	0.00	0.00	0.00	0.00
44	NS-2	Leading of Rly's stone ballast speading the ...100m lead on either side of stack and 5.0m lift. ....AQ 200m3	cum	88.23	0.00	0.00	0.00	0.00	0.00
45	NS-3	Design ,casting and jacking R.C.C. Box..... Gr.of M-45 concrete)of clear opening of 6X5m).AQ.24.2m	m	<b>656024.39</b>			0.00	0.00	0.00
<b>On casting of thrust bed</b>		@10% of rate	m	<b>65602.44</b>	0.00	24.08	1579706.73		0.00
<b>On casting of RCC box complete</b>		@30% of rate	m	<b>196807.32</b>	12.04	12.04	2369560.10	2369560.10	
<b>On pushing of boxes under Rly's em</b>		@55% of rate	m	<b>360813.41</b>	0.00	0.00	0.00	0.00	
<b>On completion of finishing of the wo</b>		@ 5% of rate	m	<b>32801.22</b>	0.00	0.00	0.00	0.00	
46	NS-4	Maintenance of track as well as protection ... rectification.AQ.360TrackMxmonth	Track M x Month	2.85	0.00	0.00	0.00	0.00	0.00
47	NS-5	Supplying & stacking 65mm gauge aggregate... (a) Cost of Ballast AQ:150m3 (b) Labour & Transportation. AQ:150m3	m3	409.13	0.00	0.00	0.00	0.00	0.00
48	NS-6	Horizontal boring by HDD method with bore AQ 25m	m	362.00	0.00	0.00	0.00	0.00	0.00
<b>Total NS</b>							<b>3949266.83</b>	<b>2369560.10</b>	
Add contractor's %age @32% above on estimated rate/cost of NS items							<b>1263765.38</b>	<b>758259.23</b>	
<b>4473266</b>							<b>5213032.21</b>	<b>3127819.33</b>	
<b>DEDUCTIONS.</b>							<b>5213032.21</b>	<b>3127819.33</b>	
01.	I/T @2%	..	89465	<b>TOTALMS+NS</b>			<b>15289756.50</b>	<b>4473266.45</b>	
02.	S.D.@10%		447327	Less prepaid.(-)			<b>10816490.05</b>	0	
03.	Bill copy.		50	<b>TOTAL.</b>			<b>4473266.45</b>	<b>4473266.45</b>	
04.	VAT @ 1%.MP		44733	SAY			<b>4473266</b>	<b>4473266</b>	
05.	MP Build. & CW Bd @1%		44733	<b>Total deductions.(-)</b>			<b>626308</b>	<b>626308</b>	
							<b>3846958</b>	<b>3846958</b>	
<b>Total</b>									<b>626308</b>
									<b>NET PAYABLE.</b>

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>B</b>	<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.in words.</b>	<b>15289756.50</b>	<b>10816490.05</b>	<b>4473266.45</b>
----------	---	--------------------	--------------------	-------------------

**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.K.Gupta, SSE(WKs) GWL on **10.07.2015** are recorded on **Page Nos.825437/R to 825446/R** of measurement book **No.2**

**Rank in Charge of Works. XEN(C) DHO@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/R/	XEN(C) DHO@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).
4. Deduct amount withheld on account of security deposit:-
 

	Rs.	Ps.	Rs. Ps.
(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>Gross Amount. Rs.</b>	_____
(b) By cash or cheque.	_____	<b>Less deductions.Rs.</b>	_____
		<b>Net payable.Amt.Rs.</b>	_____
- 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 per above memorandum on account of this work.

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			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	

**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.825437/R to 825446/R** of **M.B.No.2** are correct to my satisfaction and I/We have no claim against **CA No.DY/CE/C/DHO/R/RUB/STLI-DHO/CONT-02/ dt 29.05.14**
03. Certified that I/We have engaged One Graduate Engineers to supervise the work at site.

**CONTRACTOR(S)**

Certified for **4473266.45** only.

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

01. No material the cost of which has not been recovered were issued to the contractor.
02. No Rly's tools/plant & machinery hired to the contractor.
03. The work has been done as per Rly's specification.
04. The quantity of work paid is not more than the quantity executed at site.
05. Measurements recorded by Shri R.K.Gupta, SSE (Wks)'C' GWL & further 100% test check done by the undersigned.
06. The contractor have engaged Graduate Engineer to supervise the work at site.

**ALLOCATION: SF30**

Sithauli-Dholpur - Normal height subways / road under bridges in lieu of level crossings (14 Nos)

**27305203      4473266.45**  
**Say              4473266**

(A.K.Jain)  
XEN(C) DHO@GWL

**DEDUCTIONS.**

01. I/T @2%	89465
02. S.D.@10%	447327
03. Bill copy.	50
04. VAT @ 1%.MP	44733
05. MP Build. & CW Bd @1%	44733

**Total deduction                      626308**  
**Net payable.                          3846958**