

Mr. Ranendra Kumar
Deputy General Manager (Tech),
Project Implementation Unit-III
Bihar State Road Development Corporation
A-1, Ganga Bridge Colony, Hazipur
Distt. – Vaishali, Bihar
Email: dgmptu3@yahoo.com

Subject: Improvement / Up gradation of Siwan-Siswan Road, Sub-project (BSHP-II),
SH-89, length-33.065 Km, Contract package no.-5 (BSHP-II-SH-89-4/ICB-
2013-14 dated 15.07.2013) – **Reg.: Issue of Taking Over Certificate.**

Dear Sir,

The Contractor vide letter no. SH-89/TL-ICT/2016/967 dated 11.06.2016 issued notice u/s of 10.1 of the Contract for issue of Taking Over Certificate for the project on substantial completion of the work. The work has been jointly inspected by CSC and Contractor's representative on 18.06.2016. Therefore, Taking Over Certificate with effect from **20th June, 2016**, of the above mentioned project road is hereby issued, in accordance with the provisions of Sub-Clause 10.1 of Conditions of Contract, subject to the following conditions:

- a. The Contractor will complete all the outstanding works, as per schedule given in snag list.
- b. The Contractor will within a determined time frame, remedy all defects that have so far appeared in the inspected works at his own expense and which might appear during the Defects Liability.

Accordingly, please find herewith **enclosed** Taking Over Certificate with snag list and Contractor's undertaking vide letter no. SH-89/TL-ICT/2016/1016 dated 06.08.2016.

Thanking you,

Yours truly,

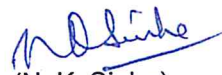


(N. K. Sinha)
Engineer

Encl.: as above

Copy with enclosures to:

1. **Mr. Vijay Shankar**, Chief General Manager, BSRDC, Central Mechanical Workshop Campus, (Near Patna Airport), Sheikhpura, Patna-800014 bsrdcltd@gmail.com
2. **Mr. Suresh Kumar**, General Manager, BSRDC, Central Mechanical Workshop Campus, (Near Patna Airport), Sheikhpura, Patna-800014 bsrdcltd@gmail.com
3. **Authorized Signatory**, M/s. BSC – C&C 'JV', Village & Post: Madhopur (Tarenawal), on Manjhi Siwan Road, P.S. Siswan, Dist.: Siswan, Bihar – 841210 sh89bsccandc@gmail.com
4. **Mr. J. R. Gatmaitan**, Acting Team Leader, ICT Pvt. Ltd., Patna email: ictpatna2@gmail.com



(N. K. Sinha)
Engineer

Innovative, Creative & Technologically Sustainable Infrastructure Solutions



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ACAS Sh. Tikad



Supervision Consultancy of Civil Projects of Contract Package No. 2,3,4 & 5 in the State of Bihar under Phase – II
funded by Asian Development Bank

Taking Over Certificate

(Under Sub-Clause 10.1 of General Conditions of Contract)

Employer: Bihar State Road Development Corporation Ltd.

1	Name of Work	Improvement / Upgradation of (Siwan – Siswan Road) Sub Project, BSHP-II, SH-89, Length 33.065 Km, Contract Package No. 5
2	Name of Contractor	M/s. BSC - C&C (JV)
3	Name of Supervision Consultant / Engineer	M/s. Intercontinental Consultants and Technocrats Pvt. Ltd. in Association with M/s. Rodic Consultants Pvt. Ltd.
4	Date of Agreement	15 th July, 2013
5	Original Amount of Contract	Rs. 149,89,90,375.51
6	Date of Commencement	12 th August, 2013
7	Stipulated Date of Completion as per Contract	11 th August 2015
8	Extended Date of Completion	24 th June 2016
9	Date of Issue of Notice by the Contractor for Taking Over Certificate	Contractor's letter No SH-89/TL-ICT/2016/967 dated 11.06.2016
10	Date of Inspection by the Employer's Team for Verification of Completion	18 th June 2016
11	Actual Date of Completion	Substantially completed on 20.06.2016 with some exclusion (outstanding works as per Snag List)
12	Defect Liability Period	365 days
13	Issue of Taking Over Certificate	Taking Over Certificate for substantial completion of the works is being issued as per provision of Sub-Clause 10.1 of General Conditions of Contract.



Innovative, Creative & Technologically Sustainable Infrastructure Solutions

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1. Certified that the Taking Over Certificate is being issued in accordance with the provisions of Clause 10.1 of General Conditions of Contract. The certificate certifies that the entire stretch of the Project was substantially completed on 20.06.2016.
2. The Contractor has not submitted "*As Built Drawings*" so far in accordance with the requirement of Sub-Clause 4.1 of Particular Conditions of Contract. However, the Contractor has furnished an undertaking vide letter No SH-89/TL-ICT/2016/1016 dated 06.08.2016 wherein, they have committed to furnish the "*As Built Drawings*" within four months.
3. List of balance outstanding works and a snag list to be completed by the Contractor is *enclosed* herewith.
4. This Taking Over Certificate is issued subject to the following conditions:
 - a) The Contractor will complete all the outstanding works, as per schedule given in snag list.
 - b) The Contractor will at his expense, remedy all defects that have so far appeared in the inspected works and which might appear during the Defects Liability Period or extended DLP whichever is applicable.



(N. K. Sinha)
Engineer

M/s. Intercontinental Consultants and
Technocrats Pvt. Ltd. in Association with
M/s. Rodic Consultants Pvt. Ltd.

BIHAR STATE ROAD DEVELOPMENT CORPORATION
(A Govt. of Bihar undertaking)
PIU-3 (Hajipur)

Project:- Two lane of Siwan-Siswan Road (SH-89) from KM 0.000 to KM 33.065 (Length=33.065 KM) under proposed ADB Loan for BSHP-II Contract
Package No:-5

HANDOVER & SNAGGING REPORT

Project:- Siwan-Siswan road SH-89		Total number of items:- 109		Percentage Completed:- 88.99			
Km 00+000 to 33+065		Number of items completed:- 98		Updated on:- 18.06.2016			
Date of hand over:- 20.06.2016		Number of items outstanding:- 11		Snagged by:- Jointly by Supervision Consultants and Contractor			
Sl no.	BOQ item	Chainage (km)	Component	Snag & Component	Date offered to start	Date offered to complete	Remarks
1	3.22	1.850 to 24.000	Turfing	Work in progress	In Progress	30-Oct-2016	Annexure -1
2	Bill no-3 & 4	1.850 to 9.000	Link Road	Work in progress	In Progress	25-Aug-2016	Annexure -2
3	8.23	1.850 to 33.065	"THRIE" : Metal Beam Crash Barrier	Work to be executed	15-Aug-2016	30-Oct-2016	Annexure -3
4	15.1 (A) & 15.8(A)	3.050 to 33.065	Boulder apron and rubble stone in culvert	Work to be executed	20-Aug-2016	30-Oct-2016	Annexure -4
5	8.1	Siswan Junction and Major:bridge 27+568	Kerb in junctions	Work to be executed	10-Aug-2016	30-Aug-2016	Annexure -5
6	Bill No. 8	1.850 to 5.000	RCC Drain	Work in progress	In Progress	30-Oct-2016	Annexure -6
7	Bill No. 10	1.850 to 26.000	Relocation of Hand Pump	Work in progress	In Progress	30-Oct-2016	Annexure -7
8	15.1 (A)	5.000 to 28.000	Boulder Apron (Bridge)	Work to be executed	25-Jul-2016	30-Oct-2016	Annexure -8
9	15.8 (A)	5.000 to 28.000	Rubble Stone (Bridge)	Work to be executed	25-Jul-2016	30-Oct-2016	Annexure -9
10	Bill No. 10	1.850 to 33.065	Redevelopment of Borrow area	Work in progress	In Progress	25-Aug-2016	Annexure -10
11	8.13	1.850 to 33.065	Road marking	Work in progress	In Progress	25-Aug-2016	Annexure -11
12	Non-BOQ Major & Minor Bridge		Painting of Flood Gauge	Work to be executed	01/Oct./2016	15/Oct./2016	
13	Non BOQ	1.850 to 33.065	Passenger Shelter	Work to be executed	10-Jul-2016	30-Oct-2016	Annexure -12
14	5.8	0.000 to 1.600	BC over lay on existing road (Additional work)	Work to be executed	26-Aug-2016	31-Aug-2016	
15	4.1 (i)	1.850 to 33.065	GSB hard shoulder between flexible pavement and lined drain (Additional work)	Work to be executed	1-Sep-2016	30-Sep-2016	
16	8.4 & 8.5	1.850 to 33.065	Additional Road Safety Signs	Work to be executed	01+09Oct./2016	30-Oct-2016	



(Handwritten signature)

Contractor's Representative

Consultant's Representative

BIHAR STATE ROAD DEVELOPMENT CORPORATION

(A Govt. of Bihar Undertaking)

Improvement / Upgradation of SH-89 (Siwan-Siswan Road), Length 33.065 km. under at BSHP - IIAF (Package-5)

Taking - Over Certificate for the Works

Defects Detected During Joint Inspection

Sl No.	Chainage	Side	Type of Defects	Rectification Required	Completion Schedule as Committed by Contractor	Remark's
1	0.000 to 31.265	BS	depressed Shoulder top ,short width and earthwork side slope	Improvement of depressed shoulder with short width and trimming of side slope.	30-Aug-16	
2	0.000 to 31.265	BS	Left out stumps/roots of cut tree	Removal and disposal of left out stumps/roots of trees	30-Aug-16	
3	0.000 to 31.265	BS	Removable cover of drain not matching cast in-situ top slab , inlet opening by providing gratings.	Remove and replace drain cover to match cast in-situ top slab fitted with gratings.	15-Sep-16	
4	0.000 to 31.265	BS	settlement of approaches of culvert & minor bridge.	To be repair & finish in true line & level.	30-Aug-16	
5	0.000 to 31.265	BS	Painting and printing letters on Km stone	To be corrected as per the standard sizes as per the codal provision.	30-Aug-16	
6	0+000 to 31+265	BS	Water wayclearances & debris removal	To be rectified in true line & level.	30-Aug-16	
7	0.000 to 31.265	BS	Scouring of outfall of drain	To be executed where not done.	30-Aug-16	
8	0.000 to 31.265	BS	camber correction with respect to FRL.	camber correction whether flatter or steeper to the specified slope of 2.5%.	30-Aug-16	
9	0.000 to 31.265	BS	Thickness of wingwall not matching the abutment wall	To be rectified as per Contract Drawing to maintain line and level	30-Aug-16	
10	0.000 to 31.265	BS	Honeycombs and broken edgesBox Culverts, Minor & Major Bridge	To be repair to maintain good surface finish in true line & level.	30-Aug-16	
11	0.000 to 31.265	BS	Uncut binding wires and tie rods of bridges and box culverts	To be remove and finish.	15-Sep-16	
12	0.000 to 31.265	BS	Grouping of foundation of electric pole	To be executed where not done.	30-Aug-16	

Contractor's representative



Consultant's representative

BSC - C&C 'JV'

(A Joint Venture Between BSCPL Infrastructure Ltd. & C & C Constructions Ltd.)
 Vill. & Post: Madhopur (Farzawa), on Munshi Siwan Road, P.S. - Siwan, Dist. Siwan, Bihar Pin-841210
 e-mail: sh89baseindc@gmail.com

Our ref. no: SH-89/TL-ICT/2016/1016

Dated: 06.08.2016

To,
 The Team Leader
 ICT RODIC 'JV'
 BSHIP-II, House No.5/5, Anandpur
 Beside Himghri Apartment, West
 Boring Road, Patna (Bihar)

Project: Improvement / Up gradation of Siwan-Siwan Road (SH-89) from Km 00+000 to
 Km 33+065 (Length = 33.065 Km), *Regarding Submission of As Built Drawing, Plan
 Profile and cross section.*

Our ref no: SH-89/RE-ICT/2016/856, dated: 01.02.2016

Dear Sir,

With reference to above subject we have already submitted the working cross-section
 and modification of As Built Drawing, Plan Profile and cross section is under process. It
 will be completed and submitted within four month for your review.

Thanking you and assuring you of our best services at all times.

Yours truly
 For BSC:C&C 'JV'

Manojanjan Prasad
 (Authorized Signatory)
 Encl: As Above.
 CC: 1) D.G.M.PTU-3, Hajipur.
 2) The RE, ICT-RODIC 'JV', Siwan.