SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTIONS

SL.NO:	INSTRUCTIONS	ISSUED BY	AUTHORITY	DATE	REMARKS
'A' 1.	UNDER THE PROVISION OF G.R PARA 3.40 (1)(B) ADEQUATE DISTANCE OF 120 MTR. HAS BEEN RECKOND FROM STARTER FOR THE FOLLOWING HOME SIGNAL. FOR HOME SIGNAL NO.1 & 3. 1) FROM STARTER SIGNAL NO.1 & 3 FOR RECEPTION OF UP TRAIN ON LINE NO.3 & 4 RESPECTIVELY SIGNAL OVERLAP IS SET WITH POINT 69 NORMAL TOWARDS SAND HUMP. 2) FROM STARTER SIGNAL NO.21 FOR RECEPTION OF UP TRAIN ON LINE NO.1 SIGNAL OVERLAP IS SET WITH POINT NO.68 NORMAL TOWARDS OVER RUN LINE.	C R S	LETTER NO. 21/1/VIII/09/525/H	16.03.09.	
'B'	FOR HOME SIGNAL NO.24 1) FROM STARTER SIGNAL NO. 10 & 12 FOR RECEPTION OF DN. TRAIN ON LINE NO.3 & 4 RESPECTIVELY SIGNAL OVERLAP IS SET WITH POINT NO.52 N. TOWARDS DALA SIDING.				
2.	AS PER GR PARA 3.07(7) FOLLOWING SIGNALS ARE COMBINED 1) DN DIST OF SLBN COMBINE WITH DN. ADV. STR OF OBRA (S-3) ii) UP ADV. STR OF SLBN COMBINE WITH UP DIST OF OBRA.	CRS			

SL.NO	MODIFICATION IN SIP IN CONNECTION WITH SSI WORK AT OBRA.	VIDE DY CSTE/W/DHN/L-NO -SG.662/1/CON/PT-XII DT -23.02.2015
IV	COMBING OF UP ADV. STR WITH UP DIST OF OBRA AND DN DIST WITH DN. ADV STR. OF OBRA IN CONNECTION WITH SSI WORK AT OBRA.	VIDE DY. CSTE/W/DHN. L-NO- SG.662/1/CON/PT-XIII. DT- 03/02/2015.
III	1) EXISTING SIGNALLING INSTALLATION MODIFIED TO SUIT 25KV AC TRACTION. 2) NOTE NO.8 ADDED.	RLY BD NDLS L.NO. 2012/ RE/161/14. DT. 26.02.2013.
II	CORRECTION IN CAL/CSL AS PER EXISTING AT SITE. (ii) STD OF INTERLOCKING CHANGED	(i) SR DSTE/DHN'S L.NO. SG 662/1/PT-XIII DT-21.09.12 (ii) TO SUIT CE'S DRG. NO. Y-87-2007 ALT-II.
I	COMPLETION DRAWINGS :- 1) LINE NO 4,5 & 6 HAS BEEN PROVIDED WITH AXLE COUNTER INSTEAD OF TRACK CIRCUIT. II) DESIGNATION OF LINE NO. 4,5 & 6 CHANGED TO GOODS LINE.	I) DY. CSTE/W/DHN'S LETTER NO. SG.662/1/CON/PT-XI DHANBAD, DATED:- 10/07/09 II) CE'S DRG NO. Y-87-2007 (ALT-I), DATED:- 26.06.09
ALT	DESCRIPTION	REFERENCE

DISPENSATION TO BE OBTAINED.

	TE/D&D	SE/SIG	DSTE/DHN	SSTE/D&D	Dy. CSTE/W/D	f COM/ECR/HJP	f CSTE/ECR	CRS SANC	DATE OF COMM.
CHECKED BY						COUNTERSIGNED BY	APPROVED BY		

	JE/D	SSE/S	SSE/D	SSE/D	ASTE/D&D	DSTE/HJP	DY CSTE/W&D	CT PM/ECR	DY CSTE/TELE/LG
CHECKED BY									

(RAM BEHAN) CSTE/PLG

(S.K. NAYAK) C.S.T.E/ECR

(S.L. PRASAD) C.S.T.E/TELE/LG

29.03.09

SIGNALLING PLAN P.I.

MULTI ASPECT COLOUR LIGHT 'B' CLASS STD HI II (B)

SCALE: LONGITUDINAL 1CM = 10 M; TRANSVERSE 1CM = 5 M

REF:- BASED ON E.C. RLY DRG No. CE'S DRG No. Y-87-2007. (ALT-I) (B) ALT

SUPERSEDES SIP NO.-SI-6357'C'/638 ALT-V

सलाई बनवा SALAI BANWA

P.B.ITEM NO.14 OF 96-97

ECR/SIP/DHN/217/2007

पूर्व मध्य रेल E.C.R.	धनबाद मंडल DHN. DIV.	DATE OF COMMISSIONING 31.03.09.	CRS SANCTION NO. 21/1/VIII/09/525/H.	APPROVED BY (S.K. BISWAS) C.S.T.E./PLG	COUNTERSIGNED BY (S.K. NAYAK) CTM/ECR
				f CHIEF SIGNAL & TELECOM ENGINEER	f COM/ECR/HJP
				SSTE/ D&D/HJP	ASTE/D&D/HJP
				SSE/SIG/HJP	SSE/DRG./HJP
				DYCSTE/W/D/EC RLY	

PANEL DETAIL

MAIN SIGNAL :-1,2,3,4,6,8,9,10, 11,12,13,14,15,16,17,21,,23,24.
CALLING-ON SIGNAL :- C-1,C-3 ,C-24.
SHUNT SIGNAL,106,108,109,110,111,112,113,114,115,116,117,121,200,201,203,205,206,207,211.
POINTS :- 51,52,53,54,55,56,57,58,59,60,61,64,65,66,67,68,69.
CRANK HANDLE CONTROL BUTTONS:- CH-1,CH-2,CH-3,CH-4,CH-5,CH7,CH8,CH9.

NOTE

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH STATION OBRA 'A', BILLI JN. & GURMURA.
2. F. M. TYPE TLB1 (DIADO) WORKING WITH STATION BILLI JN. & GURMURA AND TOKEN BLOCK INSTRUMENT WITH OBRA 'A' SITUATED IN PANEL ROOM.
3. CONTROL TELEPHONE IS PROVIDED IN SM'S OFFICE (PANEL ROOM).
4. BLOCK PROVING AXLE COUNTER IS PROVIDED WITH ADJACENT STATION OBRA 'A', BILLI JN. & GURMURA ON BOTH SIDE. THESE SHOULD BE INTERLOCKED WITH BLOCK INSTT.
5. ALL ANGLE OF CROSSINGS ARE 1 IN 12 EXCEPT INDICATED.
6. AS PER THE SEM PT II PARA NO.17.13.3.3 ALL THE INSULATED RAIL JOINTS OF THE REPLACEMENT TRACK IS TO BE PROVIDED ATLEAST ONE RAIL LENGTH IN ADVANCE OF THE CORRESPONDING SIGNALS.
7. STAGGERING OF INSULATION BLOCK JOINTS OF TRACK CIRCUIT 1T-2T,3T-4T & 23T-24T BY 1.82 M.
8. THE SIGNALLING INSTALLATION IS SUITABLE FOR 25 KV AC TRACTION.