

Record Measurement No. 1361890021288/SSE/T/MURI/RM/FL2/03**UWID:** 120433193002**State:** JHARKAND**Exp. Type:** Capital (Works)

1. Name Of Work :	Rehabilitation of emergency socket for enhancement of efficiency of emergency socket in MURI-BRKA, MURI-KSX & repairing of 6 qd cables in RNC-LAD-TORI section of Ranchi Division.
2. Situation of work :	MURI-BRKA, MURI-KSX and RNC-LAD-TORI section
3. Agency By which work executed :	METRO ENGINEERING-RANCHI
4. Reference to agreement of work order :	SER/RNC/S&T/2020/0001
5. Date of commencement :	01/07/2020
6. Date of Completion :	In Progress
7. Date of Measurement :	From 06/08/2021 to 12/08/2021

Certificate:

1. Certified that the work has been satisfactorily done by the Contractor.
2. The other terms and conditions are same as per original tender conditions.
3. Increase / decrease in quantities are as per actual site requirement.
4. No Railway Labour, Plant/Machinery/Equipment loaned to the Contractor.
5. No Railway material the cost of which is to be recovered were issued to the Contractor.
6. No Audit/Accounts/Vigilance paras pending against this works.
7. Material used for the work conformed IS specification.

Test checked by me as prescribed

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Particulars	Unit	Numbers	Coeff.	L	B	H	Contents	Test Check by ER.
SCHEDULE A								
Group : Not Applicable								
Item No. : 0 Supply and fixing of G.I Pipe with threaded collars (for jointing pi....								
km no 356/13-14 bet MURI-BLNG	Metre	1.0 x 1.0 x 1.0	1.0		4.0		= 4.0	No
Total							4	
Now to pay							100.0%	
Group : Not Applicable								
Item No. : 0 Excavation of trenches including clearing of roots etc. in hard /roc....								
km no 361/17-19 bet jaa-tho	Metre	1.0 x 1.0 x 1.0	1.0		28.0		= 28.0	No
km no 361/7-9 bet jaa-tho	Metre	1.0 x 1.0 x 1.0	1.0		12.0		= 12.0	No
km no 362/5-7 bet jaa-tho	Metre	1.0 x 1.0 x 1.0	1.0		23.0		= 23.0	No
km no 361/27-29 bet jaa-tho	Metre	1.0 x 1.0 x 1.0	1.0		17.0		= 17.0	No
km no 363/9-11 bet jaa-tho	Metre	1.0 x 1.0 x 1.0	1.0		27.0		= 27.0	No
km no 363/12 blng-muri	Metre	1.0 x 1.0 x 1.0	1.0		12.0		= 12.0	No
km no 364/3-4 blng stn	Metre	1.0 x 1.0 x 1.0	1.0		35.0		= 35.0	No
km no 360/7 to 360/11 muri-blng	Metre	1.0 x 1.0 x 1.0	1.0		25.0		= 25.0	No
km no 363/09-17 bet jaa-tho	Metre	1.0 x 1.0 x 1.0	1.0		23.0		= 23.0	No
Total							202	
Now to pay							100.0%	
Group : Not Applicable								
Item No. : 0 Transportation including loading and /or unloading of 6 quad/Telecom....								
km no 362/29-363/25-27 bet jaa-tho	Kilometre	1.0 x 1.0 x 1.0	1.0		1.01		= 1.01	No
km no 36229 to 361/24 bet jaa-tho	Kilometre	1.0 x 1.0 x 1.0	1.0		0.997		= 1.0	No
km no 358/35 to back side of tho station	Kilometre	1.0 x 1.0 x 1.0	1.0		0.917		= 0.92	No
km no 361/24 to 361/1 bet jaa-tho	Kilometre	1.0 x 1.0 x 1.0	1.0		1.008		= 1.01	No
km no 373/19 bet jaa-ksx	Kilometre	1.0 x 1.0 x 1.0	1.0		0.05		= 0.05	No
km no 376/2 to 376/30 bet hrbr-gre	Kilometre	1.0 x 1.0 x 1.0	1.0		0.995		= 1.0	No
km no 376/1-2 hrbr-gre	Kilometre	1.0 x 1.0 x 1.0	1.0		0.09		= 0.09	No
km no 376/30 to 377/22 bet hrbr-gre	Kilometre	1.0 x 1.0 x 1.0	1.0		0.98		= 0.98	No
363/12 to stn blng bet muri-blng	Kilometre	1.0 x 1.0 x 1.0	1.0		0.6		= 0.6	No
360/7 to 360/11 bet muri-blng	Kilometre	1.0 x 1.0 x 1.0	1.0		0.225		= 0.23	No
km no 373/3-5 bet jaa-ksx	Kilometre	1.0 x 1.0 x 1.0	1.0		0.025		= 0.03	No

km no 374/15-17 bet jaa-ksx	Kilometre	1.0 x 1.0 x 1.0	1.0	0.05	= 0.05	No
km no 375/13-15 bet jaa-ksx	Kilometre	1.0 x 1.0 x 1.0	1.0	0.04	= 0.04	No
km no 361/12-13 bet muri-blng	Kilometre	1.0 x 1.0 x 1.0	1.0	0.03	= 0.03	No
Total					7.017	
Now to pay					100.0%	
Group : Not Applicable						
Item No. : 0 Execution of straight through /derivation /termination joints with V....						
km no 360/7 muri-blng	Numbers	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 360/11 bet muri-blng	Numbers	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 360-13-14 bet muri-blng	Numbers	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 359/16 bet muri-blng	Numbers	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
Total					4	
Now to pay					100.0%	
Group : Not Applicable						
Item No. : 0 Casting, concreting and curing of concrete foundation as per DRG N....						
km no 363/25-27 bet jaa-tho	Numbers	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 375/15-13 bet jaa-ksx	Numbers	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 374/15-17 bet jaa-ksx	Numbers	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 373/19 bet jaa-ksx	Numbers	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 373/21 bet jaa-ksx	Numbers	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 362/29 bet jaa-tho	Numbers	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
Total					6	
Now to pay					100.0%	
Group : Not Applicable						
Item No. : 0 Excavation of trench in all kinds of soils including soft rocky area....						
362/29 LHS road bet JAA-THO	Metre	1.0 x 1.0 x 1.0	1.0	6.0	= 6.0	No
362/4 at road bet JAA-THO	Metre	1.0 x 1.0 x 1.0	1.0	6.0	= 6.0	No
Back side of THO station for road crossing	Metre	1.0 x 1.0 x 1.0	1.0	6.0	= 6.0	No
km no 376/2 to 376/30 bet HRBR- GRE	Metre	1.0 x 1.0 x 1.0	1.0	30.0	= 30.0	No
KM NO 363/12 back side of BLNG stn bet muri -blng	Metre	1.0 x 1.0 x 1.0	1.0	36.0	= 36.0	No
Total					84	
Now to pay					100.0%	
Group : Excavation of trench in all soils including soft rocky area and clearing of roots of trees, bushes....						
Item No. : 1 1.2 Mtr. Depth and 0.3 Mtr. Width						
km no 363/25-27 to 362/29 bet JAA- THO	Kilometre	1.0 x 1.0 x 1.0	1.0	0.94	= 0.94	No

KM NO 362/29 TO 361/24 BET JAA-THO	Kilometre	1.0 x 1.0 x 1.0	1.0	0.934	= 0.93	No
KM NO 361/24 TO 361/1 Bet jaa-tho	Kilometre	1.0 x 1.0 x 1.0	1.0	0.95	= 0.95	No
km no 358/35 to back side of THO station	Kilometre	1.0 x 1.0 x 1.0	1.0	0.907	= 0.91	No
km no 376/2 to 376/30 bet HRBR-GRE	Kilometre	1.0 x 1.0 x 1.0	1.0	0.58	= 0.58	No
km no 376/1 to 376/2 bet HRBR-GRE	Kilometre	1.0 x 1.0 x 1.0	1.0	0.054	= 0.05	No
km no 376/30 to 377/22 bet HRBR-GRE	Kilometre	1.0 x 1.0 x 1.0	1.0	0.781	= 0.78	No
km no 363/12 to blng stn	Kilometre	1.0 x 1.0 x 1.0	1.0	0.39	= 0.39	No
km no 360/7 to 360/11 bet muri-blng	Kilometre	1.0 x 1.0 x 1.0	1.0	0.045	= 0.05	No
Total					5.581	
Now to pay					100.0%	
Group : Excavation of trench in all soils including soft rocky area and clearing of roots of trees, bushes....						
Item No. : 2 1.0 Mtr. Depth and 0.3 Mtr. width						
km no 376/2 to 376/30 bet HRBR-GRE	Kilometre	1.0 x 1.0 x 1.0	1.0	0.235	= 0.24	No
km no 376/30 to 377/22 bet HRBR-GRE	Kilometre	1.0 x 1.0 x 1.0	1.0	0.11	= 0.11	No
km no 361/12-13 bet muri-blng	Kilometre	1.0 x 1.0 x 1.0	1.0	0.02	= 0.02	No
Total					.365	
Now to pay					100.0%	
Group : Excavation of trench in all soils including soft rocky area and clearing of roots of trees, bushes....						
Item No. : 3 0.8 Mtr. Depth and 0.3 Mtr. width						
km no 373/17-19 bet jaa-ksx	Kilometre	1.0 x 1.0 x 1.0	1.0	0.04	= 0.04	No
km no 373/3-5 bet jaa-ksx	Kilometre	1.0 x 1.0 x 1.0	1.0	0.019	= 0.02	No
km no 374/15-17 bet jaa-ksx	Kilometre	1.0 x 1.0 x 1.0	1.0	0.038	= 0.04	No
km no 375/13-15 bet jaa-ksx	Kilometre	1.0 x 1.0 x 1.0	1.0	0.031	= 0.03	No
km no 376/2 to 376/30 hrbr-gre	Kilometre	1.0 x 1.0 x 1.0	1.0	0.156	= 0.16	No
km no 376/1-2 hrbr-gre	Kilometre	1.0 x 1.0 x 1.0	1.0	0.03	= 0.03	No
km no 376/30 to 377/22 bet HRBR-GRE	Kilometre	1.0 x 1.0 x 1.0	1.0	0.079	= 0.08	No
km no 363/12 to BLNG stn	Kilometre	1.0 x 1.0 x 1.0	1.0	0.102	= 0.1	No
KM NO 360/7 TO 360/11 Bet muri-blng	Kilometre	1.0 x 1.0 x 1.0	1.0	0.003	= 0.0	No
Total					.498	
Now to pay					100.0%	
Group : Not Applicable						
Item No. : A008 Excavation of earth pit ,transportation ,placing and fixing of Earth....						

km no 373/21 bet jaa-ksx	Number s	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 374/15-17 bet jaa-ksx	Number s	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 375/13-15 bet jaa-ksx	Number s	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
km no 376/15 bet jaa-ksx	Number s	1.0 x 1.0 x 1.0	1.0	1.0	= 1.0	No
Total					4	
Now to pay					100.0%	