

03 SBD / 2020-21 / MMGS4 (SC)

PWD Parsai chark to kamathola

Shedule XLV Form No. 134.

Executive Engineer
Rural Works Department
Works Division, Baisi

Bugsi.

DIVISION

Dagaria

SUB-DIVISION

MB.No: 1080.

Measurement Book

Md. Salahuddin.

2nd on A/c

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Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W -	PWD Purnea Chalk to				
	Karnat Tola under M.M. (55)				
	in Block - Dargazua				
Agency -	Md. Salahuddin At-				
	Bishanpur, Tuli Purnea				
Ag. No -	038BD dt 2020-21				
D.O.A -	04.05.2020				
Time of completion	03.02.2021				
Quoted Rate	10.05%				
	Work done				
(1) Const of G.S.B. gradient					
by providing well graded mat					
Extra widening					
	B.T. Portion				
	5x	$\frac{4.15 + 0.45}{2}$			= 11.50 M ²
	10x	$\frac{0.45 + 0}{2}$			= 2.25 M ²
	4x	$\frac{4.65 + 1.55}{2}$			= 12.40 M ²
	10x	$\frac{1.55 + 0.10}{2}$			= 7.75 M ²
				(A)	33.90 M ²
	C.I. Portion				
	5x	$\frac{3.75 + 0.90}{2}$			= 11.03 M ²
	10x	$\frac{0.90 + 0.10}{2}$			= 4.50 M ²
				(B)	16.13 M ²
	16.13x	0.10			= 1.61 M ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(a) 600mm equilateral triangles					11.00sq
(b) 600mm Circular					12.00
(c) 300mm x 600mm Rectangles					4.00.
(d) 900mm Octagonal					1.00sq
(11) Road marking with hot applied Thermoplastic paint					
	2 x	500	x	0.110	= 100.00m ²
(12) Road marking with hot applied Thermoplastic paint					
	2 x	420	x	0.110	= 84.00m ²
(13) clearing & grubbing road					
Land - all comp soil					

$$2 \times 170 \times 3.50$$

$$= 1190.00m^2$$

$$= 0.119HA$$

RB Singh
23/12/2020

Materials.

(1) Stone Metal + chips	—	344.07MT
(2) Sand	—	50.84MT
(3) Screent Type B	—	34.65MT
(4) Cement	—	0.90MT
(5) Earth	—	737.49MT
(6) Gravel 35-1	—	1.610MT
(7) " RS-1	—	0.521MT
(8) Bitumen 5-90	—	3.598MT

RB Singh
23/12/2020

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of Cost					
(1) Providing & fixing work					
Benchmark & Ref. Piller					
(vide gtm 1 P-8)					
(a) Benchmarks					
1.00 No @ Rs 4439 = 46/each Rs 4439 = 00					
(b) Ref. Piller					
3.00 No @ Rs 2030 = 83/each Rs 6092 = 00					
(2) Clearing & grubbing road					
land + do - all comp job					
0.525 Ha (vide gtm 2 P-8)					
0.119 Ha (vide gtm 13 P-18)					
0.644 Ha @ Rs 49496 = 70/Ha Rs 31698 = 00					
4 & 0.641 Ha					
(3) Dismantling of existing					
Structure like C.C. work					
(vide gtm 3 P-8)					
160.13 M ³ @ Rs 473 = 83/M ³ - Rs 75874 = 00					
(4) Excavation for roadway in					
Soil using manual mean					
(vide gtm 4 P-8)					
31.50 M ³ @ Rs 74 = 10/M ³ - Rs 2334 = 00					
(5) Const of embankment with					
material deposited at site					
(vide gtm 5 P-8)					
18.90 M ³ @ Rs 26 = 20/M ³ - Rs 495 = 00					

Continuation

Rs 120912 = 00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Const of embankment with approved material lead 1000m (vide 5a p-17)					
267.59M ³ @ B 175 = 11/M ³ - B					46858
(7) Const of embankment with approved material lead 100m (vide 5b p-7)					
472.39M ³ @ B 144 = 62/M ³ - B					68317
(8) Const. of Subgrade & earthwork Shoulder - do - all Comp (vide 6 p-17)					
1562.53M ³ @ B 176 = 96/M ³ - B					276505
(9) Const. of G.S.B by providing well graded material gradings 325.80M ³ (vide 9 p-9) 137.99M ³ (vide 9 p-14) 463.79M ³ L.H. 459.77M ³ @ B 2696 = 66/M ³ - B					1239843
(10) Providing laying spreader A Compactive W.B.M grade-3 118.13M ³ (vide 10 p-9) 144.39M ³ (vide 10 p-14) 262.52M ³ @ B 3555 = 88/M ³ - B L.H. 261.34M ³					929294
(11) Provide & applying primer					

Continuation

B 2681729 = 00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Coal — do — all comp					
(vide gtm 4 P-15)					
1893.75 M ² @ B 42 = 38 M ²					80257 = 00
(12) Providing & applying tile					
Coal-walk — all comp					
(vide gtm 4 P-15)					
1893.75 M ² @ B 14 = 54 / M ² — B					27535 = 00
(13) Providing laying & rolling close					
graded Premix Surface type B					
(vide gtm 4 P-15)					
1893.75 M ² @ B 189 = 09 / M ² — B					35807 = 00
(14) Const. of unconfined					
C.C. Pavement — with M-3 grad.					
252.00 M ³ (vide gtm 11 P-9)					
2.58 M ³ (vide gtm 3 P-14)					
254.58 M ³ Ad 254.52 M ³					
@ B 7370 = 81 / M ³ — B					1876019 = 00
(15) RCC M15 grade KM Stone					
Post — all comp.					
(vide gtm 7 (ii) P-17)					
1100 NO @ B 2289 = 01 / each B					2289 = 00
(16) RCC M15 grade 200 mm Stone					
Post — all comp.					
(vide gtm 7 (ii) P-17)					
4.00 NO @ B 624 = 92 / each B					2500 = 00

Continuation

B 4706/36 = 00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Providing & fixing messy Project symbol (vide item 8 P-17)					
4100 NO @ B 9572 = 44 each				B	332890
(18) RCC m/s grade guard Pillar - do - all comp. (vide item 9 P-17)					
24100 NO @ B 503 = 57/each				B	1208600
(19) Providing & fixing semi reflective traffic sign (vide item 10 P-18)					
(a) 600 mm equilateral triangle					
1100 NO @ B 3637 = 58/each				B	4056300
(b) 600 mm Circular					
12100 NO @ B 4913 = 25/each				B	5895900
(c) 300 x 600 mm rectangular					
4100 NO @ B 6814 = 48/each				B	2725800
(d) 300 mm octagonal					
100 NO @ B 8667 = 45/each				B	866700
(20) Road marking with hot applied Thermoplastic on BT (vide item 11 P-18)					
100.00 m ² @ B 735 = 40/m ²				B	7354000
(21) Road marking with hot applied Thermoplastic on CC					
				B	496549800

Continuation

Material (upto date)			
Statement			

- | | | |
|---------------------|---|--------------------------------------|
| (1) Earth | — | 2302.51 M ³ |
| (2) Stone Agt chips | — | 1112.80 M ³ |
| (3) Sand | — | 316.27 M ³ |
| (4) emulsion SS-1 | — | 1.60 1.610 M ⁷ |
| (5) emulsion RS-1 | — | 0.521 M ⁷ |
| (6) Bitumen 8-90 | — | 3.598 M ⁷ |
| (7) Cement | — | 108.54 M ⁷ |

Continuation

Concerns To
SH. GOWRISHANKAR
ASSISTANT REGISTRAR

[illegible]

Premium 135

(F) Period of Insurance:

Hypothecation Details
1) Site of Construction/Storage:

1) Intermediary Details:

CONTRACTOR ALL RISK INSURANCE POLICY

Engg 04

SCHEDULE

Policy No: 5004/196093684/00/000 (TRUE COPY)		Issued At: Mumbai	Date: 06/06/2020
A) Name & Address of the Insured :	MD SALAHUDDIN At Bishanpur, Tuli Purnia Purnia Bihar		
B) Name & Address of the Principal :	EXECUTIVE ENGINEER RWD WORKS DIVISION BAISI,PURNIA,PURNIA,BIHAR,854205		
C) Name & Address of the Contractor :	MD SALAHUDDIN Same as Mailing Address of Insured		
D) Intermediary Details:	Agency Code1: ILG52883 Agency Name: HIRAN KUMAR SINGH Agent's mobile no.: 9631844892 Agent's E-mail ID : shyam15670@gmail.com		
Hypothecation Details	NA		
E)Site of Construction/Storage:	CONSTRUCTION AND MAINTENANCE OF ROAD FROM PWD PARASAI CHOWK TO KAMAT TOLA -- BIHAR--PURNIA		
F) Period of Insurance :	From: 06/06/2020 Time: 00:00 Hours To Midnight of 05/06/2021 +60 months of extended maintenance/maintenance period		

Premium Break Up	(Rs.)	Premium (Rs.)
*Total Premium	(Rs.)	08,327.36

*Premium value mentioned above is inclusive of taxes applicable

G) Nature of Project	Roads
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ICICI Lombard General Insurance Company LTD
ICICI LOMBARD HOUSE, 414, Veer Savarkar Marg,
Near Siddhi Vinayak Temple, Prabhadevi, Mumbai 400 025

Description of Project Works:

Roads,
In Plain Areas

Insured Items	Sum Insured
Section I- Material Damage	
a).Contract work (Permanent and temporary including all material to be Incorporated therein)	
1) Contract price	
2) Materials or item supplied by the principal	
b).Any Other sworks, & installation not included in 1 and 2 above (eg camp,colony,store etc as per list enclosed)	
Total for Section I	Rs. 06,360,860.00
Section II - Third Party Liability	
Limit of Indemnity	
a) For any one accident b) For all accidents during the period	

H) Deductibles for Section I and II -

a) For Normal Claims -	5.00% of claim amount subject to minimum of Rs. 125,000,000.00
b) For Act of GodClaims -	10.00% of claim amount subject to minimum of Rs. 700,000,000.00
c) Third Party Liability Excess	
I. Bodily Injury Claims	Nil
II. Property Damage Claims	The Policy Excesses (Normal) should apply for Third Party Liability Property Damage Claims. For Third Party Liability claims arising out of Acts of God Perils, the Excess applicable to AOG claims should apply.

I) Additional Covers :

S. No.	Endorsement Description	Limit of Indemnity	Deductible
1	Earthquake Cover(Full cover)	10,360,860.00	Applicable as per Section - I
2	Extended Maintenance Cover	10,360,860.00	Applicable as per AOG excess

J) Clause

- 1 In the event of total loss claim being honored, the claimed amount will be paid after deducting the unpaid premium installments
- 2 Subject to End 19 - Road Construction attached herewith
- 3 Subject to End 16/n - Extended Maintenance Cover attached herewith
- 4 Subject to End 27 - Safety measures with respect to precipitation flood and inundation attached herewith
- 5 Subject to End 24 - Contract works time schedule attached herewith
- 6 Subject to End 23 - Existing underground cables
- 7 Subject to End 22 - Crop, forests, cultivated areas attached herewith
- 8 Subject to End 21 - Abandonment of shafts
- 9 Subject to End 20 - Piling Construction attached herewith
- 10 Subject to Subject to End 32 - Terrorism Damage Exclusion attached herewith.
- 11 Subject to End 13 - Earthquake inclusion attached herewith
- 12 Policy shall stand canceled ab initio in the event of non-realization of the premium
- 13 Section Warranty

K) Condition :

- 1 All property on the site of nuclear power station whether related to generation of nuclear energy or not, are excluded from scope of this insurance

L) Warranty

- 1 Warranted that Project Location is 2 Kms far away from all sorts of water bodies
- 2 Warranted that there is 24 hrs security at the project site as well as at storage site.
- 3 Warranted that there are sufficient de-watering facilities at the project site as well as at storage site.
- 4 Warranted that policy start date declared in this proposal is same as start date of commencement of work or date of arrival of the first consignment at the site of construction/ erection.
- 5 Losses prior to the inception of this policy are excluded from cover.
- 6 Warranty concerning construction material
- 7 Outright Defect Exclusion DE 1 attached herewith
- 8 Warranted that all material should be stored 2 feet above the ground level

Subject otherwise to terms and conditions of **Contractor All Risks Insurance Policy**

In witness whereof the undersigned acting on behalf and under the Authority of the Insurer that hereunder set his hand at Mumbai on this day 07-03-2020 .



Authorised Signatory

Terrorism Damage Exclusion Warranty

This Policy excludes loss, damage, cost or expense of whatsoever nature directly or indirectly caused by, resulting from or in connection with any act of terrorism regardless of any other cause or event contributing concurrently or in any other sequence to the loss.

For the purpose of this exclusion, an act of terrorism means an act or series of acts, including but not limited to the use of force or violence and/or the threat thereof, of any person or group(s) of persons, whether acting alone or on behalf of or in connection with any organisation(s) or government(s), or unlawful associations, recognized under Unlawful Activities (Prevention) Amendment Act, 2008 or any other related and applicable national or state legislation formulated to combat unlawful and terrorist activities in the nation for the time being in force, committed for political, religious, ideological or similar purposes including the intention to influence any government and/or to put the public or any section of the public in fear for such purposes.

This exclusion also includes loss, damage, cost or expense of whatsoever nature directly or indirectly caused by, resulting from or in connection with any action taken in controlling, preventing, suppressing or in any way relating to the above.

CONTRACTOR'S ALL RISKS INSURANCE ENDORSEMENT
END-13 EARTHQUAKE

In consideration of the payment of additional premium by the Insured to the Company, it is hereby agreed and declared that notwithstanding anything stated in the printed exclusions of this policy to the contrary, this Insurance is extended to cover loss or damage (including loss or damage by fire) to any of the property Insured by this policy occasioned by or through or in consequence of earthquake including flood or overflow of the sea, lakes, reservoirs and rivers and/or Landslide / Rockslide resulting therefrom.

It is agreed and understood that otherwise subject to the terms, exclusions, provisions and conditions contained in the Policy or endorsed thereon, the Insurers shall only indemnify the Insured for loss, damage or liability arising out of earthquake if the Insured proves that the earthquake risk was taken into account in design according to the official building codes valid for the site and that the qualities of material and workmanship and the dimensions on which the calculations were based were adhered to.
