

शीर्ष 3054 मरम्मति (बिहार ग्रामीण पथ अनुरक्षण नीति 2018)

Sanjay Kumar,
At- Bhergwan, Gaurhichak, Patna,
Postal Code-804451
Mob-9386240810, Email-
sk15878@rediffmail.com
&kumar40sanjay@rediffmail.com
Registration no.- Class-1_1180150
GST-10AMBPK1804H1ZU
Pan No.- AMBPK1804H

Agreement

1. T01 SE Mahadev Bigha (Length 1.510) 2. Devkali Se
Sonmai (Length- 3.10) 3. Dhanarua Chandhiva RCD Road to
Nawasichak (Length 0.700) 4. Pahberhi Basbigha Road to
Chamandi Vijaynagar Mushari via Babaranna (Length- 1.240)
(Package-MR-N/22-23 Masaurhi/03) Under Dhanarua Block
3054 मरम्मति (बिहार ग्रामीण पथ अनुरक्षण नीति 2018)
(Tender ID- 118993)

Agreement No.- 10/MBD/2022-23
Accepted Rate:- 0.13/- Below
Agreement Value:- ₹ 41074154=00
Start Date:- 01-10-2022
Intended Date of Completion:- 30-09-2023

Executive Engineer
Rural Works Department,
Work Division, Masaurhi

Sanjay Kumar

01/11/22
01/11/22

Govt. of Bihar
Rural Works Department
Office of the Engineer-in-Chief, Rural Works Department, Bihar
BRRDA, 3rd Floor, Land Development Bank Building, BudaMarg, Patna, Bihar - 800001
(बिहार ग्रामीण पथ अनुरक्षण नीति, 2018)

Notice Inviting Tender for Rural Roads Maintenance based on Output and performance based Contract through e-procurement mode on Model Bidding Document (MBD).

(Notice Inviting Tender No. - MH-3054-16/2021-23)

1. Designation and Address of the Advertiser
2. Date of Issue of Notice Inviting Tender
3. Period for downloading of Tender documents
4. Date, Time & Place of Pre-Bid Meeting
5. Last Date & Time for uploading tender Document by bidder
6. Date, time for online opening of Technical bid
7. Last date, time and place for submission of Original instrument of EMD, Cost of BOQ and Affidavit regarding correctness of Information provided with bid document

: Office of Engineer-in-Chief, Rural Works Department, Bihar, Patna
: 30.05.2022
: From 20.06.2022(9:00) to 30.06.2022 up to 15:00 hrs. From
website-<http://mpsws.e-gov.in>
: Date 20.06.2022 time 15:00 hrs
Place O/o Concerned Superintending Engineer
: Date 30.06.2022 up to 15:00 hrs.
<http://mpsws.e-gov.in>
: Date 30.06.2022 up to 15:30 hrs.
: Till 15:00 hrs on 30.06.2022
: Place- O/o concerned
(i) Executive Engineer
Or
(ii) Superintending Engineer

8. The Engineer in chief, Rural Works Department on behalf of Government of Bihar invites bids from the eligible bidders for the works detailed below.

Project Scope & Duration:

- I. To undertake, Initial Rectification Works including surface renewal and Ordinary Maintenance for a period of 5 years after completion of initial rectification works including surface renewal Works on selected roads as described in para 9.
- II. The Initial Rectification may include improvement and pavement strengthening and widening work, road safety measures and tree plantation in flanks as per contract document. The initial rectification including surface renewal of works will be done in such a way that after rectification it complies all technical standards and safety measures to bring the road under prescribed service level. The time of completion for initial rectification works including surface renewal shall be 09 months from the date of issue of LOA.
- III. After completion of initial rectification with surface renewal the selected roads will be maintained for next five years to comply the prescribed service level, to maintain road for traffic worthy. The ordinary maintenance work will also include cross drainage works, minor works on bridges and road maintenance within road side maintenance within selected roads.
- IV. The Ordinary Maintenance works will be carried out under performance based road maintenance on a lump sum basis paid Quarterly.
- V. Initial Rectification Works including surface renewal will be paid on measured quantity in the value of contract.
- VI. There is a requirement for specialised maintenance equipment and the contract obligation is for continuous input over the contract period i.e. initial rectification including surface renewal and ordinary maintenance period.
- VII. To undertake emergent repair due to natural calamities like flood, earthquake, etc.
- VIII. Bidders are strongly encouraged to download the bidding documents prior to the pre-bid meeting in order for bidders to have a good understanding of the scope of work under this contract for discussion and clarification at the pre-bid meeting. Bidders are also advised to visit each road, be acquainted with the physical condition of road, satisfy themselves and then participate in the bid.

9. Details of Works:-

41

Sansy 1st

123
01.11.22
Executive Engineer
R.W.D. Works Div. Bihar
01/11/22
Scanned by CamScanner

अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, पटना।
/पटना, दिनांक- 10/06/2022

पत्रांक- 780 (अनु.)
प्रेषक,

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पटना।

सेवा में,

कार्यपालक अभियंता,
ग्रा0का0वि0, कार्य प्रमंडल, मसौढ़ी।

विषय- शीर्ष 3054 मरम्मति (बिहार ग्रामीण पथ अनुरक्षण नीति-2018) योजना अंतर्गत स्वीकृत कुल 16 (सोलह) अदद पथों के निर्माण/मरम्मति कार्य के परिमाण विपत्र अनुमोदन के संबंध में।

प्रसंग- आपका पत्रांक-610 अनु0, दिनांक-03.06.2022
महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त कुल 16 (सोलह) अदद पथों का परिमाण विपत्र अनुमोदन कर वापस की जाती है। सभी पृष्ठ अनुमोदित हैं।

क्रमांक	योजना का नाम	परिमाण विपत्र की राशि (रुपया में)	प्रशासनिक अनुमोदन की राशि (निर्माण, अनुरक्षण, एवं आकस्मिक कार्य) (लाख में)	तकनीकी स्वीकृति की राशि (निर्माण एवं, अनुरक्षण, कार्य) (लाख में)
1.	Nadaul Bhagwanganj Path to Baliyari Mahadalit Tola	₹ 1,71,97,679.00	164.437	171.979
2.	L042 to Noniyari Chak Tak	₹ 73,86,010.00	83.890	74.382
3.	Masaurhi Pitwas Road to Shahabad (Nagsthan More Tak)	₹ 1,27,25,077.00	126.524	127.560
4.	Masaurhi Pali Path Puranchak Se Chhotki Masaurhi via Dighma Mahadeopur Dhanauti	₹ 2,68,65,065.00	270.396	288.809
5.	Masaurhi Basaur Road to Roniya	₹ 2,90,75,366.00	292.428	288.809
6.	Masaurhi Punpun Path to Harbanspur	₹ 1,18,27,010.00	116.760	107.737
7.	T01 Se Mahadev Bigha	₹ 72,24,792.00	80.354	71.928
8.	T0 10 Bhojpur Karay Path Se Suktiya	₹ 1,93,74,869.00	192.317	192.918
9.	T03 to Simrahi Bujurag Tak	₹ 2,82,73,863.00	280.639	282.740
10.	T08 Se Sudhirchak	₹ 1,02,97,079.00	112.919	102.969

Sanjay

Executive Engineer

W.D. Works Div. Masaurhi

01/11/22

01/11/22

11.	L058 Dhalkochak to	₹ 1,14,69,010.00	113.282	114.690
12.	Prakhand Mukhaliye Path Se Alipur Tak Path Ka Nirman	₹ 2,44,70,899.00	248.894	242.023
13.	T09 to Garihara	₹ 74,67,480.00	74.302	74.673
14.	Masaurhi Pitwas Road to Sikaria	₹ 50,42,368.00	46.478	54.853
15.	Dhanarua Chandrahiya RCD Road to Nawasichak	₹ 35,05,750.00	33.68	37.849
16.	Pabberi Basbigha Road to Chamandi Vijaynagar Mushari vi Babarbanna	₹ 63,38,259.00	61.67	68.658

निर्देश है कि दैनिक समाचार पत्रों में विधिवत प्रकाशनोपरांत ही अग्रेतर कार्रवाई किया जाय। साथ ही परिमाण विपत्र के मदों की भाषा एवं विशिष्टता को प्रकाशन पूर्व पूर्ण लेंगे। अनुमोदित परिमाण विपत्र में अंकित दर का विश्लेषण की सॉफ्ट कॉपी अंचल कार्यालय से प्राप्त कर इसका हार्ड कॉपी से संबंधित कार्य की संचिका में संधारित कर ली जाय। अनुमोदित परिमाण विपत्र का दर ग्रामीण कार्य विभाग में प्रचलित दर विश्लेषण के आधार पर है। अपने स्तर से भी पुनः इसकी जाँच कर ली जाय तथा त्रुटि पाये जाने पर अविलंब सूचित किया जाय। त्रुटि का निराकरण कराते हुए पुनः अनुमोदन प्राप्त करने के पश्चात् ही परिमाण विपत्र निविदा के लिए अपलोड किया जाय।

पथ निर्माण विभाग द्वारा अधिग्रहित पथों के पथांश में कार्य न कराना सुनिश्चित करेंगे।
अनु०-यथोक्त। (एक-एक प्रति में)

विश्वासभाजन
18.6.22
अधीक्षण अभियंता
ग्रामीण कार्य विभाग, कार्य अंचल, पटना

Signature

01/11/22
Executive Engineer
R.V.D. Works Co. Masaurhi
01/11/22

Tender Inviting Authority: Engg-in Chief RWD Patna						
Name of Work :- Pabheri Basbigha Road To Chamandi Vijaynagar Mushari via Babarbanra						
Name Of Block :- Dhanarua			Name Of DISTRICT :- Patna			
Contract No: Civil Works/						
Bidder Name:				Excess (+)		%
SCHEDULE OF WORKS						AMOUNT
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		Rs. P
				Figure	Words	
1.00	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of E/I	0.25	ha	58709.27	Rupees Fifty Eight Thousand Seven Hundred Nine And Paise Twenty Seven Only	14677.32
2.00	Construction of subgrade and earthen shoulders :-Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.	520.80	Cum	238.02	Rupees Two Hundred Thirty Eight And Paise Two Only	123960.82
3.00	Granular Sub-base with Well Graded Material (Table 400.1) :- Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	59.01	Cum	2018.77	Rupees Two Thousand Eighteen And Paise Seventy Seven Only	119127.62
4.00	WBM Grading 2 (By Mechanical Means) :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.	77.03	Cum	4409.38	Rupees Four Thousand Four Hundred Nine And Paise Thirty Eight Only	339654.54
5.00	WBM Grading 3 (By Mechanical Means) :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	137.91	Cum	4274.12	Rupees Four Thousand Two Hundred Seventy Four And Paise Twelve Only	589443.89

Ld
01.11.12

Executive Engineer

RURAL WORKS DEPARTMENT

01/11/22

Superior Engineering

RURAL WORKS DEPARTMENT

01/11/22

Estimator

RWD

Works Circle Patna

द.धिकारी

आजीव कार्य विभाग

कार्य अंचल पटना

तयारीकर्ता

आजीव कार्य विभाग

कार्य अंचल पटना

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
	Total cost of Construction					42,013.83
(25)	1% Labour Construction					42,013.83
(26)	12% GST Construction					5,041.65.96
(27)	TOTAL SEIGNIORAGE FEE Construction					38,903.85
25.00	Maintenance	20.00	Per 3 month	68572.55	Rupees Sixty Eight Thousand Five Hundred Seventy Two And Paise Fifty	13,71,450.92
(27)	1% Labour Maintenance					13,714.51
(28)	12% GST Maintenance					1,64,574.11
(29)	TOTAL SEIGNIORAGE FEE Maintenance					3,488.96
	Total Estimated Cost in Figures					63,39,695.14
	Quoted Amount					63,39,695.00
	Quoted Rate in Words					Rupees Sixty Three Lakh(s) Thirty Nine Thousand Six Hundred Ninety Five Only

by
03/06/22

63,39,695.14

Bill of Quantity Approved as corrected for Item No.

(2) to (31) for Rs. 63,38,229.00 Rupees Sixty Three Lakh Thirty Eight Thousand Two hundred and Fifty Nine

including Five Years Maintenance.

Estimator

R.W.D.

Works Circle, Patna

प्रयोजन पदाधिकारी

सहायक कार्य विभाग

कार्य अंशक कक्षा

सहायक सलाहकार

सहायक कार्य विभाग

कार्य अंशक कक्षा

Superintending Engineer

R.W.D. WORKS CIRCLE, PATNA

Gursh

Executive Engineer

R.W.D. Works Circle, Patna

01/11/22

01/11/22

Tender Inviting Authority: Engg-In Chief RWD Patna

Name of Work: =

Name Of Block: = DHANARUA CHANDRAHIYA RCD ROAD TONAWASICHAK

Contract No: Civil Works/ DHANARUA Name Of DISTRICT: = Patna

Bidder Name: =

Excess (+) = %

Sl. No.	Description of work	No. or Qty.		Unit	Estimated Rate		AMOUNT Rs P
					Figure	Words	
1.00	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of E/I	1.14	m		11705.27	Rupees Fifty Eight Thousand Seven Hundred Nine And Paise Twenty Seven Only	8279.30
2.00	Construction of subgrade and earthen shoulders :-Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and loads, transporting in site, spreading, grading to required slope and compacted to meet requirement of Table 100.2 with lead upto 1000 m as per Technical Specification Clause 303.1	294.00	Cum		218.02	Rupees Two Hundred Thirty Eight And Paise Two Only	64207.88
3.00	Granular Sub-base with Well Graded Material (Table 400.1) :- Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	24.15	Cum		1018.77	Rupees Two Thousand Eighteen And Paise Seventy Seven Only	48753.30
4.00	WBM Grading 2 (By Mechanical Means) :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405	45.13	Cum		1479.38	Rupees Four Thousand Four Hundred Nine And Paise Thirty Eight Only	20340.70
5.00	WBM Grading 3 (By Mechanical Means) :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	88.83	Cum		1274.12	Rupees Four Thousand Two Hundred Seventy Four And Paise Twelve Only	37560.70

Executive Engineer

R.W.D. Works Div. Patna

01/11/22

APPROVED AS CORRECTED

01/11/22

S. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P.
				Figure	Words	
19.00	Providing and Fixing 'Logo' of Maintenance Project :- Providing and fixing of typical MMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5mm size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing. Clause 1701 and Annexure 1705.1	2.00	nos.	9556.22	Rupees Nine Thousand Nine Hundred Eighty Six And Paise Twenty Two Only	19972.44
20.00	Brick Masonry in C.M.(1:3) in parapet :- Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications. Clauses 600, 900 and 1208.4	8.64	Cum	4249.02	Rupees Six Thousand Two Hundred Forty Nine And Paise Two Only	53991.53
21.00	Plastering with cement mortar (1:4) :- Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	60.48	Sqm	169.21	Rupees One Hundred Sixty Nine And Paise Twenty One Only	10271.52
22.00	Painting Two Coats on New Concrete Surfaces :- Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701.	60.48	Sqm	110.60	Rupees One Hundred Ten And Paise Sixty Only	6689.09
Total cost Of Construction						22,24,603.57
1% Labour Construction						22,246.04
12% GST Construction						2,66,952.43
TOTAL SEIGNIORAGE FEE Construction						24,461.03
23.00	Maintenance	20.00	Per 3 months	42709.12	Rupees Forty Two Thousand Seven Hundred Nine And Paise Twelve Only	8,54,182.30
1% Labour Maintenance						8,541.82
12% GST Maintenance						1,02,501.88
TOTAL SEIGNIORAGE FEE Maintenance						2,261.37
Total Estimated Cost in Figures						35,05,750.44
Quoted Amount						35,05,750.44 35,05,750.00
Quoted Rate in Words						Rupees Thirty Five Lakh(s) Five Thousand Seven Hundred Fifty Only

Executive Engineer

05/11/22 01/11/22

APPROVED AS CORRECT

Superintending Engineer
RURAL WORKS DEPARTMENT

Bill of Quantity Approved as corrected for Item

...(1)...to...(29)...for Rs. 3505750.00 Rupees. Thirty Five
Lakh Five thousand Seven hundred and fifty only

Including Five Year Maintenance

10/6/22
Estimator
R.W.D.
Works Circle, Patna

10/6/22
प्रमुख लेखक अधिकारी
ग्रामीण कार्य विभाग
कार्य अंचल पटना

10/6/22
सहायक सलाहकार
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

10/6/22
Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

Gingry

10/11/22
Executive Engineer
R.W.D. Works Circle, Patna

10/11/22

अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, पटना।

पत्रांक- 830(अ/५०)
प्रेषक, अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पटना।

/पटना, दिनांक- 20/06/2022

सेवा में,
कार्यपालक अभियंता,
ग्रा0का0वि0, कार्य प्रमंडल, मसौड़ी।

विषय- शीर्ष 3054 मरम्माति (बिहार ग्रामीण पथ अनुरक्षण नीति-2018) योजना अंतर्गत स्वीकृत
कुल Devkali Se Sonmai पथ का निर्माण/मरम्माति कार्य के परिमाण विपत्र अनुमोदन के संबंध
में।

प्रसंग:- आपका पत्रांक-649 अनु0, दिनांक-17.06.2022
महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त कुल 01 (एक) अदद पथ का परिमाण विपत्र
अनुमोदन कर वापस की जाती है। सभी पृष्ठ अनुमोदित हैं।

क्रमांक	योजना का नाम	परिमाण विपत्र की राशि (रुपया में)	प्रशासनिक अनुमोदन की राशि (निर्माण, अनुरक्षण, एवं आकस्मिक कार्य) (लाख में)	तकनीकी स्वीकृति की राशि (निर्माण एवं, अनुरक्षण, कार्य) (लाख में)
1.	Devkali Se Sonmai	₹ 2,40,58,819.00	223.731	237.675

निर्देश है कि दैनिक समाचार पत्रों में विधिवत प्रकाशनोपरांत ही अग्रतर कार्रवाई किया जाय। साथ ही परिमाण विपत्र के मदों की भाषा एवं विशेष्यो को प्रकाशन पूर्व पूर्ण लेगें। अनुमोदित परिमाण विपत्र में अंकित दर का विश्लेषण की सॉफ्ट कॉपी अंचल कार्यालय से प्राप्त कर इसका हार्ड कॉपी से संबंधित कार्य की सचिका में संधारित कर ली जाय। अनुमोदित परिमाण विपत्र का दर ग्रामीण कार्य विभाग में प्रचलित दर विश्लेषण के आधार पर है। अपने स्तर से भी पुनः इसकी जाँच कर ली जाय तथा त्रुटि पाये जाने पर अविलंब सूचित किया जाय। त्रुटि का निराकरण कराते हुए पुनः अनुमोदन प्राप्त करने के पश्चात् ही परिमाण विपत्र निविदा के लिए अपलोड किया जाय।

पथ निर्माण विभाग द्वारा अधिग्रहित पथों के पथांश में कार्य न कराना सुनिश्चित करेंगे।
अनु0-यथोक्त। (एक प्रति में)

विश्वासभाजन

अधीक्षण अभियंता

ग्रामीण कार्य विभाग, कार्य अंचल, पटना

Surya

20/11/22

Executive Engineer

R.W.D. Works Div, Masoudi

20/11/22

Tender Inviting Authority: Engg-In Chief RWD Patna																																																		
Name of Work :- Devkalli Se Sonmal																																																		
Name Of Block :- DHANARUA			Name Of DISTRICT :- Patna																																															
Contract No: CIVIL Works/																																																		
Bidder Name:				Excess (+)																																														
<table border="1"> <thead> <tr> <th rowspan="2">Sl. No.</th> <th rowspan="2">Description of work</th> <th rowspan="2">No. or Qty.</th> <th rowspan="2">Unit</th> <th colspan="2">Estimated Rate</th> <th rowspan="2">AMOUNT Rs. P</th> </tr> <tr> <th>Figure</th> <th>Words</th> </tr> </thead> <tbody> <tr> <td colspan="7">A ROAD PART</td> </tr> <tr> <td>1.00</td> <td>Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of E/I</td> <td>0.54</td> <td>ha</td> <td>58709.27</td> <td>Rupees Fifty Eight Thousand Seven Hundred Nine And Paise Twenty Seven Only</td> <td>31703.01</td> </tr> <tr> <td>2.00</td> <td>Construction of subgrade and earthen shoulders :-Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.</td> <td>1123.50</td> <td>Cum</td> <td>238.02</td> <td>Rupees Two Hundred Thirty Eight And Paise Two Only</td> <td>267615.47</td> </tr> <tr> <td>3.00</td> <td>Granular Sub-base with Well Graded Material (Table 400.1) :- Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.</td> <td>175.63</td> <td>Cum</td> <td>2027.45</td> <td>Rupees Two Thousand Twenty Seven And Paise Fifty Five Only</td> <td>358108.49</td> </tr> <tr> <td>4.00</td> <td>WBM Grading 2 (By Mechanical Means) :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.</td> <td>165.02</td> <td>Cum</td> <td>4429.26</td> <td>Rupees Four Thousand Four Hundred Twenty Nine And Paise Twenty Six Only</td> <td>730916.49</td> </tr> </tbody> </table>							Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P	Figure	Words	A ROAD PART							1.00	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of E/I	0.54	ha	58709.27	Rupees Fifty Eight Thousand Seven Hundred Nine And Paise Twenty Seven Only	31703.01	2.00	Construction of subgrade and earthen shoulders :-Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.	1123.50	Cum	238.02	Rupees Two Hundred Thirty Eight And Paise Two Only	267615.47	3.00	Granular Sub-base with Well Graded Material (Table 400.1) :- Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	175.63	Cum	2027.45	Rupees Two Thousand Twenty Seven And Paise Fifty Five Only	358108.49	4.00	WBM Grading 2 (By Mechanical Means) :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.	165.02	Cum	4429.26	Rupees Four Thousand Four Hundred Twenty Nine And Paise Twenty Six Only	730916.49
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Estimate

प्रारंभिक पदाधिकारी
ग्रामीण कार्य विभाग
अंचल पटना

तकनीकी सलाहकार
ग्रामीण कार्य विभाग
अंचल, पटना

Executive Engineer
RURAL WORKS DEPARTMENT
Works Circle, Patna

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
355	12% GST Construction					12,18,605.55
26	TOTAL SEIGNIORAGE FEE Construction					1,25,733.43
24.00	Maintenance	20.00	Per 1 month	154579.77	Rupees One Lakh(s) Fifty Nine Thousand Five Hundred Seventy Nine And Paise Seventy Seven Only	31,91,595.32
28	1% Labour Maintenance					31,915.95
29	12% GST Maintenance					3,82,991.44
30	TOTAL SEIGNIORAGE FEE Maintenance					8,641.65
	Total Estimated Cost in Figures					1,52,16,080.09
	Quoted Amount (A)					1,52,16,080.00
Quoted Rate in Words		Rupees One Crore Fifty Two Lakh(s) Sixteen Thousand Eighty Only				
B	BRIDGE PART					229015.58
1.00	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material (Ordinary soil up to 3 m depth)	676.82	CUM	338.37	Rupees Three Hundred Thirty Eight And Paise Thirty Seven Only	51080.89
2.00	Sand Filling in Foundation Trenches as per Drawing & Technical Specification	94.51	cum	539.91	Rupees Five Hundred Thirty Nine And Paise Ninety One Only	89256.14
3.00	Providing 1st class brick on Flat soling joints filled with local sand all complete job as per direction of E/I	315.35	cum	283.03	Rupees Two Hundred Eighty Three And Paise Three Only	374097.24
4.00	Providing and laying of PCC M15 leveling course 100mm thick below the foundation.	61.20	m	6112.70	Rupees Six Thousand One Hundred Twelve And Paise Seventy Only	1431444.16
5.00	RCC in substructure with concrete (in Abutment & pier shaft) Complete as per Drawing and Technical Specifications.	198.00	Cum	7229.52	Rupees Seven Thousand Two Hundred Twenty Nine And Paise Fifty Two Only	1828589.14
6.00	Supplying, fitting and placing HYSD Bar reinforcement in substructure complete as per Drawing and Technical Specification.	23.39	MT	78182.52	Rupees Seventy Eight Thousand One Hundred Eighty Two And Paise Fifty Two Only	15209.04
7.00	Providing Weep Holes in Abutment Cap with 100mm dia AC Pipe. Providing weep holes in Brick masonry/Plain Reinforced concrete abutment, wing wall return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V 20H towards drawing face. Complete as per drawing and Technical Specifications.	124.00	No	122.66	Rupees One Hundred Twenty Two And Paise Sixty Six Only	15209.04
8.00	Providing and laying of filter media with granular materials/stone crushed aggregate satisfying the requirement laid down in CI. 2504.22 of MORTH Specification of not less than 600mm behind abutment, wing and return wall to the full height compacted.	40.50	cum	1710.86	Rupees Three Thousand Two Hundred Ten And Paise Eighty Six Only	15209.04

Executive Engineer

01.11.22

APPROVED AS CORRECT

Estimator
R.W.D.
Works Circle, Patna

आकलन पदाधिकारी
आजीव कार्य विभाग
कार्य अंचल पटना

तकनीकी सहायक
आजीव कार्य विभाग
कार्य अंचल पटना

Superintending Engineer
RURAL WORKS DEPARTMENT
Works Circle, Patna

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
	Total Estimated Cost in Figures					76,78,867.14
57	1% Labour					76,788.67
58	12% GST					9,21,464.06
59	Seigniorage					1,66,749.50
	Quoted Amount (B)			88,43,869.37		88,43,869.00
	Grand Total (A+B)			2,40,59,949.00		2,40,59,949.00
Quoted Rate in Words		Rupees Two Crore Forty Lakh(s) Fifty Nine Thousand Nine Hundred Forty Nine Only				

17.06.22
Executive Engineer
R.W.D. Works Div., Patna

Bill of Quantity Approved as corrected for Item No

① to ⑤9 for Rs. 24058819.40 i.e. Two Crore forty lakh Fifty eight thousand eight hundred and Nineteen

Including Five Years Maintenance.

Estimator
R.W.D.
Works Circle, Patna

सर्वकलन पदाधिकारी
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

तपनिकी सहायकार
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

Sumit

Executive Engineer
R.W.D. Works Div., Patna
01/11/22

Tendering Authority: Engr. In. Chief RWD, Patna						
Name of Work :- 1013: Mahadev Bigha						
Name Of Block :- Dhanerua						
Contract No. Civil Works :- Name Of DISTRICT :- Patna						
Bidder Name :-						
Excess (+)				%		
Sl. No.	Description of work	SCHEDULE OF WORKS			Estimated Rate	AMOUNT Rs. P
		No. or Qty.	Unit	Figure	Words	
1.00	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of	0.30	ha	58709.27	Rupees Fifty Thousand Seven Hundred Nine And Paise Twenty Seven Only	17612.78
2.00	Construction of subgrade and earthen shoulders :- Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.	634.20	Cum	238.02	Rupees Two Hundred Thirty Eight And Paise Two Only	150952.28
3.00	Granular Sub-base with Well Graded Material (Table 400.1) :- Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	85.70	Cum	2036.13	Rupees Two Thousand Thirty Six And Paise Thirteen Only	174496.34
4.00	WBM Grading 2 (By Mechanical Means) :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.	91.39	Cum	4449.14	Rupees Four Thousand Four Hundred Forty Nine And Paise Fourteen Only	406606.90
5.00	WBM Grading 3 (By Mechanical Means) :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	146.60	Cum	4309.06	Rupees Four Thousand Three Hundred Nine And Paise Eight Only	631711.13

Estimator
R.W.D.
Works Circle, Patna

प्राक्कलन पदाधिकारी
ग्रामीण कार्य विभाग
कार्य अंचल पटना

तयारीकर्ता
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

Executive Engineer
APPROVED AS ORDER
Superintending Engineer
RURAL WORKS DEPARTMENT
Works Circle, Patna

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
25	1% Labour Construction					47,474.41
26	12% GST Construction					5,69,692.92
27	TOTAL SEIGNIORAGE FEE Construction					44,033.88
28	Maintenance	20.00	Per 3 month	80174.80	Rupees Eighty Thousand One Hundred Seventy Four	16,03,496.00
29	1% Labour Maintenance					16,034.96
30	12% GST Maintenance					1,92,419.52
31	TOTAL SEIGNIORAGE FEE Maintenance					4,199.68
Total Estimated Cost in Figures						72,24,792.36
Quoted Amount						72,24,792.00
Quoted Rate in Words				Rupees Seventy Two Lakh(s) Twenty Four Thousand Seven Hundred Ninety Two Only		

by 07/06/22

Bill of Quantity Approved as corrected for Item No.

① to ③① for Rs. 72,24,792.36 Rupees Seventy Two Lakh Twenty four thousand Nine hundred and Ninety Two Only

Including Five Years Maintenance.

Estimator
R.W.D.
Works Circle, Patna

प्राक्कलन पदाधिकारी
ग्रामीण कार्य विभाग
कार्य अंचल पटना

तकनीकी सलाहकार
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

Smsy

Executive Engineer

R.W.D.

01/11/22

by 01/11/22

01/11/22