

अधीक्षण अभियंता का कार्यालय

ग्रामीण कार्य विभाग, कार्य अंचल, मुंगेर।

पत्रांक :- 616 अंशु0 मुंगेर, दिनांक :- 13/06/2023

प्रेषक,

अधीक्षण अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल, मुंगेर।

सेवा में,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, शेखपुरा।

विषय:- शीर्ष MMGSY SC योजनान्तर्गत पथ के पुनरीक्षित परिमाण विपत्र के अनुमोदन के संबंध में।

प्रसंग:- आपका पत्रांक- 635 अनु0 दिनांक- 17.04.2023

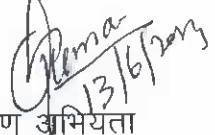
महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त शीर्ष MMGSY SC के अन्तर्गत निम्नलिखित पथ का पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त अग्रेतर कार्रवाई हेतु भेजी जाती है।

क0सं0	पथ का नाम	पुनरीक्षित परिमाण विपत्र अनुमोदन की राशि (रूपये में)
1.	पोखर पर से हसौरी मुशहरी पथ।	1,43,50,000/-
2.	भदौंस मोड़ दरियापुर से भदौंस केवट टोला पथ।	1,15,84,800/-

अनु0 :- यथोक्त

विश्वासभाजन


अधीक्षण अभियंता
ग्रामीण कार्य विभाग
मुंगेर, मुंगेर।
13/6/2023

Percentage BOQ

Tender Inviting Authority: Engg-in Chief RWD Patna

Name of Work: Construction of Road & CD Works for Pokhar Par To Hasauri Mushhari In Sheikhpura Block Under - MMGSY

Contract No: Civil Works/

Bidder Name :

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	54	55
1	Providing & Fixing of Working benchmark Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I Working benchmark Pillars	2.00	Nos.	4159.73	8319.46	INR Eight Thousand Three Hundred & Nineteen and Paise Forty Six Only
2	Providing & Fixing of Working benchmark Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I Reference pillars	8.00	Nos.	1921.89	15375.12	INR Fifteen Thousand Three Hundred & Seventy Five and Paise Twelve Only
3	Dismantling of cement concrete pavements by mechanical means using pneumatic tools breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 m, stacking	84.00	Cum	1475.88	123973.92	INR One Lakh Twenty Three Thousand Nine Hundred & Seventy Three and Paise Ninety Two Only
4	Clearing and grubbing Road Land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable	0.80	Hect.	59726.13	47780.90	INR Forty Seven Thousand Seven Hundred & Eighty and Paise Ninety Only
5	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m, transporting to the site spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	1203.26	Cum	250.19	301043.62	INR Three Lakh One Thousand & Forty Three and Paise Sixty Two Only
6	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m, transporting to the site spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 100 m as per Technical Specification Clause 301.5.	4588.52	Cum	187.75	861494.63	INR Eight Lakh Sixty One Thousand Four Hundred & Ninety Four and Paise Sixty Three Only

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Sl. No.	Item Description	NUMBER # Quantity	TEXT # Units	NUMBER Estimated Rate	NUMBER # TOTAL AMOUNT With Taxes	TEXT # TOTAL AMOUNT In Words
1	Construction of Subgrade and Earthen Shoulders :- 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	4	5	6	54	55
7	Granular Sub-Base with Coarse Graded Material (Table:- 4002)- For Grading I Material Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and	5988.86	Cum	272.20	1630167.69	INR Sixteen Lakh Thirty Thousand One Hundred & Sixty Seven and Paise Sixty Nine Only
8	WBW Grading 3 :- 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	1519.29	Cum	1938.93	2945796.96	INR Twenty Nine Lakh Forty Five Thousand Seven Hundred & Ninety Six and Paise Ninety Six Only
9	Prime Coat :- Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	578.75	Cum	2523.27	1447726.16	INR Fourteen Lakh Forty Seven Thousand Seven Hundred & Twenty Six and Paise Sixteen Only
10	Tack Coat :- Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydrilic broom as per technical specification clause 503.	6502.50	sqm	59.22	385078.05	INR Three Lakh Eighty Five Thousand & Seventy Eight and Paise Five Only
11	Mix Seal Surface :- Providing laying and rolling of close - graded premix surface material 20 mm thickness composed of 11.2 mm to 0.9 mm (Type - A) or 13.2 mm to 0.9 mm (Type - B) aggregates using penetration grade bitumen to required line, grade and level to serve as static	6502.50	sqm	20.16	131090.40	INR One Lakh Thirty One Thousand & Ninety and Paise Forty Only
12	Cement Concrete Pavement :- Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383,	6502.50	sqm	252.37	1641035.93	INR Sixteen Lakh Forty One Thousand & Thirty Five and Paise Ninety Three Only
13	Brick Edge Soling :- Laying brick soling layer on prepared sub-grade with brick on end edging according to lines, graded and cross-section shown on the drawing filling joints with sand and earth, spreading 25 mm thick layer of earth over brick soling, watering and rolling the same with	183.60	Cum	7800.67	1432203.01	INR Fourteen Lakh Thirty Two Thousand Two Hundred & Three and Paise One Only
14		300.00	sqm	508.45	152535.00	INR One Lakh Fifty Two Thousand Five Hundred & Thirty Five Only

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Sl. No.	Item Description	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
1	2	4	5	6	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
15	Kilometre Stone :- Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703 Ordinary Kilometre Stone (Precast)	3.00	No	2529.96	7589.88	INR Seven Thousand Five Hundred & Eighty Nine and Paise Eighty Eight Only
16	Kilometre Stone :- Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703. (200 M stone)	8.00	No	722.78	5782.24	INR Five Thousand Seven Hundred & Eighty Two and Paise Twenty Four Only
17	Traffic Signs :- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75	12.00	No	1775.25	21303.00	INR Twenty One Thousand Three Hundred & Three Only
18	Traffic Signs :- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75	8.00	No	1709.40	13675.20	INR Thirteen Thousand Six Hundred & Seventy Five and Paise Twenty Only
19	Traffic Signs :- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75	4.00	No	1827.36	7309.44	INR Seven Thousand Three Hundred & Nine and Paise Forty Four Only
20	Road Marking with Hot Applied Thermoplastic Compound With Reflectorising Glass Beads on Bituminous Surface :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is	340.00	sqm	823.74	280071.60	INR Two Lakh Eighty Thousand & Seventy One and Paise Sixty Only
21	Road Marking with Hot Applied Thermoplastic Compound With Reflectorising Glass Beads on Concrete Surface :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is	60.00	sqm	823.74	49424.40	INR Forty Nine Thousand Four Hundred & Twenty Four and Paise Forty Only
22	Planting of Trees and their Maintenance for one Year :- Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and	85.00	Each	1092.53	92865.05	INR Ninety Two Thousand Eight Hundred & Sixty Five and Paise Five Only

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Sl. No.	Item Description	NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	TEXT #
1	2	Quantity	Units	Estimated Rate	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words	55
23	Cable Duct Across the Road (For irrigation purpose) Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at	60.00	R.M	917.77	55066.20	INR Fifty Five Thousand & Sixty Six and Paise Twenty Only	
24	Direction and place identification signs up to 0.9 sqm size board Providing and erecting direction and place identifications of semi reflective sign boards as per IRC:67 made of 2 mm thick M.S. Sheet duly stove enameled paint in white colour in front and grey colour on back with red	2.00	Nos.	3025.85	6051.70	INR Six Thousand & Fifty One and Paise Seventy Only	
25	(i) Providing and Fixing 'Logo' of Project Providing and fixing of typical MMSGY 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 5m size on back on edges. The lower	4.00	NO	9949.14	39796.56	INR Thirty Nine Thousand Seven Hundred & Ninety Six and Paise Fifty Six Only	
26	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in	178.80	Cum	314.41	56216.51	INR Fifty Six Thousand Two Hundred & Sixteen and Paise Fifty One Only	
27	Providing M15 (PCC 1:2.5:5) as levelling course in foundation :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	17.76	Cum	6111.88	108546.99	INR One Lakh Eight Thousand Five Hundred & Forty Six and Paise Ninety Nine Only	

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Sl. No.	Item Description	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
1	2	Quantity	Units	Estimated Rate	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
28	Plain/Reinforced cement concrete(M-20) in foundation complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	4	5	6	54	55
29	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works,backfilling concrete and masonry works in head walls and parapets as per clause	45.00	RM	7324.52	329603.40	INR Three Lakh Twenty Nine Thousand Six Hundred & Three and Paise Forty Only
30	Add 1% Labour Cess	1.00	Rs	133156.08	133156.08	INR One Lakh Thirty Three Thousand One Hundred & Fifty Six and Paise Eight Only
31	Add 18% GST	1.00	Rs	2396809.49	2396809.49	INR Twenty Three Lakh Ninety Six Thousand Eight Hundred & Nine and Paise Forty Nine Only
32	Seigniorage Fee	1.00	Rs	446773.00	446773.00	INR Four Lakh Forty Six Thousand Seven Hundred & Seventy Three Only

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NUMBER	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	54	55
33	1st Year Maintenance Cost	2.272	KM	43342.87	98475.00	INR Ninety Eight Thousand Four Hundred & Seventy Five Only
34	2nd Year Maintenance Cost	2.272	KM	88254.84	200515.00	INR Two Lakh Five Hundred & Fifteen Only
35	3rd Year Maintenance Cost	2.272	KM	250793.13	569801.99	INR Five Lakh Sixty Nine Thousand Eight Hundred & One and Paise Ninety Nine Only
36	4th Year Maintenance Cost	2.272	KM	117226.23	266337.99	INR Two Lakh Sixty Six Thousand Three Hundred & Thirty Seven and Paise Ninety Nine Only
37	5th Year Maintenance Cost	2.272	KM	275649.21	626276.01	INR Six Lakh Twenty Six Thousand Two Hundred & Seventy Five and Paise One Only
38	Add 1% Labour Cess	1.00	Rs	17614.05	17614.05	INR Seventeen Thousand Six Hundred & Fourteen and Paise Five Only
39	Add 18% GST	1.00	Rs	317052.89	317052.89	INR Three Lakh Seventeen Thousand & Fifty Two and Paise Eighty Nine Only
40	Seigniorage Fee	1.00	Rs	103908.39	103908.39	INR One Lakh Three Thousand Nine Hundred & Eight and Paise Thirty Nine Only
Total in Figures					18492327.18	One Crore Eighty Four Lakh Ninety Two Thousand Three Hundred & Twenty Seven and Paise Eighteen Only
Quoted Rate in Figures			Select			
Quoted Rate in Words					0.00	INR Zero Only

INR Zero Only

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Executive Engineer
Rural Works Department
Works Division, Sheikhpura

Cost of Construction :- ₹ 1,62,92,347.00

Cost of Maintenance :- ₹ 21,99,980.00

:- ₹ 1,84,92,327.00

Less (-) 22.40% as per agreement :- (-) ₹ 41,42,281.00

Total cost :- ₹ 1,43,50,046.00

S. E. Letter No.....635 D.....17.04.2023

Construction Cost Rs.....1,62,92,347.00

5 yrs. Maintenance Cost Rs.....21,99,980.00

Total Cost Rs.....1,84,92,327.00

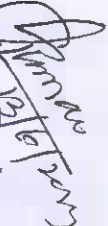
Revised BOD Approved For Rs.....1,43,50,000.00

(16% pmt) (Rupees) One crore forty three lakh

fifty thousand.....only)

including 5 yrs Maintenance vide

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Superintending Engineer
Rural Works Department
Munger Circle, Munger
12/06/2023