

मुख्य अभियंता -3 का कार्यालय
ग्रामीण कार्य विभाग, बिहार, पटना

पत्रांक:- II/मु0अ0-3,त0स्वी0-07-472/22 22868150

पटना दिनांक:-14-9-22

प्रेषक,

मुख्य अभियंता-3,
ग्रामीण कार्य विभाग,
बिहार, पटना।

सेवा में,

अधीक्षक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल सिवान

विषय:-शीर्ष PMGSY अन्तर्गत कार्य प्रमंडल, सिवान-1 के अधीन बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों के पुनर्स्थापन हेतु प्राप्त 01 अदद पथ के प्राक्कलन पर पुनरीक्षित तकनीकी स्वीकृति प्रदान करने के संबंध में।

प्रसंग:-आपका पत्रांक-786 अनु0 दिनांक-06.09.2022 एवं वित्त विभाग के संकल्प संख्या-एम-4-53/2007/6439/वि0 पटना, दिनांक-28.08.2018

महाशय,

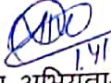
उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त कार्य प्रमंडल, सिवान-1 के अधीन स्वीकृत पथ के प्राक्कलन पर विभागीय पत्र द्वारा दिये गये मद विचलन की स्वीकृति के आलोक में पुनरीक्षित तकनीकी स्वीकृति प्रदान कर लौटाया जा रहा है जिसकी विवरणी निम्न है:-

Sl. No.	Name of Division	Name of Scheme	Length (in Km)	Department Ref Lett. No./Date	A.A. Amount (in Lakh) Construction Cost & Maintanance Cost	Revised T.S. Amount (in Lakh) (At. Agmt. Rate)	FDR Amount (in lakh) (At. Agmt. Rate)
1.	Siwan-I	L063-Shekhpora to Khajepur Via Saraiya (Track21) ✓ (Package No.-BR-34R-212)	1.775 ✓	457/ 13.02.2014 ✓	133.17 ✓	122.24 ✓	5.74 ✓

- निर्माण कार्य PMGSY की मार्गदर्शिका के अनुरूप किया जाएगा।
- स्वीकृत प्राक्कलन की जाँच अधीक्षक अभियंता, अपने स्तर से कर लेंगे यदि किसी प्रकार की संशोधन की आवश्यकता हो, तो मुख्यालय को सूचित करेंगे।
- समर्पित किए गए प्राक्कलन की तकनीकी स्वीकृति इस आधार पर दी जाती है कि प्रस्तुत किए गए प्राक्कलन वास्तविक कार्य स्थल के निर्माण के लिए कार्य स्थल के अनुरूप तैयार की गई है, जिसमें पथ एवं पुल निरूपण सम्बंधित सारी आवश्यकता पूरी कर ली गई है।
- अधीक्षक अभियंता, पथों का निरीक्षण प्रतिवेदन एवं कार्यों के संबंध में समीक्षात्मक टिप्पणी मुख्यालय को 5वीं तिथि को उपलब्ध कराना सुनिश्चित करेंगे।
- पुनरीक्षित प्राक्कलन के नये मदों का दर प्राथमिक एकरारनामा के दर से निर्धारित होगी, जिसका तात्पर्य यह है कि प्राथमिक एकरारनामा के समय सक्षम पदाधिकारी द्वारा अनुमोदित दर अतिरिक्त मद की दर के लिए मार्गदर्शक होगी। यह उससे कम हो सकती है किन्तु किसी भी परिस्थिति में यह प्राथमिक एकरारनामा की दर से अधिक नहीं होगी। प्राक्कलन की स्वीकृति दरों की स्वीकृति नहीं समझी जाये।
- पुनरीक्षित प्राक्कलन का दर मूल एकरारनामा के दर के समान होगा तथा नया मद का दर भी मूल एकरारनामा के दर पर आधारित होगा।
- अधीक्षक अभियंता, कार्य अंचल, सिवान ऐसे मदों के दर जो अनुसूचित दर में नहीं हैं, कर दर अपने अंचल स्तर से राज्यस्तरीय, अनुसूचित दर निर्धारण समिति के द्वारा अनुमोदित सामाग्रियों के दर के आधार पर MORD Data book analysis के आधार पर दर विश्लेषण करते हुए मुख्यालय को सूचित करेंगे। ताकि मुख्यालय अनुसूचित दर निर्धारण समिति की बैठक में उसका अनुमोदन का S.O.R तैयार करने की दिशा में कार्रवाई की जा सके।

9. स्थल पदाधिकारी द्वारा लम्ब काट एवं आड़ी काट के आधार पर मिट्टी की मात्रा की गणना कर भुगतान किया जायेगा।
10. अधीक्षण अभियंता, कार्य अंचल, सिवान को निदेश दिया जाता है कि नये मद का दर विश्लेषण जाँच कर संतुष्ट हो लें एवं पुनरीक्षित तकनीकी स्वीकृति के उपरान्त लोक निर्माण संहिता के सुसंगत कंडिका के अनुरूप अग्रेतर आवश्यक कार्रवाई करेंगे।
- अनु0- स्वीकृत प्राक्कलन की मूल प्रति।

विश्वासभाजन


14/9/22
मुख्य अभियंता-3, पटना

Name of Work: =
Name of Block: =
Contract No: =
Bidder Name: =

CE-5 G.T. No. - 2286 Dt - 14-09-2012
 FDR No - 8-266 Revised T.S Rs 122.24 Lacs

Name of Work: =		BOQ		Restoration Estimate For Shekhpura To Khajepur via Saraiya		
Name Of Block =		Hasanpura				
Contract No: Civil Works/						
Bidder Name:						
		Excess (+)		%		
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	Cleaning 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	0.71	Ha	8256.60	Rupees Eight Thousand Two Hundred Fifty Six And Paise Sixty Only	5862.19
2.00	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 m as per Technical Specification	532.50	Cum	171.02	Rupees One Hundred Seventy One And Paise Two Only	91068.15
3.00	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 & 100 m as per Technical Specification Clause 301.5.	543.80	Cum	70.97	Rupees Seventy And Paise Ninety Seven Only	38593.49 77016 = w
4.00	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 & 100 m as per Technical Specification Clause 301.5.	5761.97	Cum	144.42	Rupees One Hundred Forty Four And Paise Forty Two Only	832143.71
5.00	Excavation for roadway in soil using manual means for carrying of cut earth to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause 302.3	679.75	Cum	100.18	Rupees One Hundred And Paise Eighteen Only	68097.36
6.00	Construction of subgrade and earthen shoulders with approved material with 8% by volume of Local Sand added to the soil 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. In Flexible	756.86	Cum	225.30	Rupees Two Hundred Twenty Five And Paise Thirty Only	170520.56
7.00	Compacting Original Ground Loosening levelling and compacting original ground supproting embankment to faciliate placement of first layer of emebkment scarified to a adepth of 150 mm mixed with water at OMC and then compated by rolling so as to achieve minimum dry density as sgiven is tables 300.1 and 300.2 for emabkment construction as per technical specification clause	798.75	Cum	17.85	Rupees Seventeen And Paise Eighty Five Only	14257.69

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No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
8.00	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement 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.	1004.13	Cum	1989.22	Rupees One Thousand Nine Hundred Eighty Nine And Paise Twenty Two Only	1997435.48
9.00	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	361.41	Cum	3426.10	Rupees Three Thousand Four Hundred Twenty Six And Paise Ten Only	1238226.80
10.00	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.	431.72	Cum	3422.90	Rupees Three Thousand Four Hundred Twenty Two And Paise Ninety Only	1477734.39
11.00	Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means.	5766.22	Sqm	46.33	Rupees Forty Six And Paise Thirty Three Only	266685.67
12.00	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom.	5756.25	Sqm	15.83	Rupees Fifteen And Paise Eighty Three Only	91121.44
13.00	Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C as per Technical Specification Clause 508.	5756.25	Sqm	193.35	Rupees One Hundred Ninety Three And Paise Thirty Five Only	1112970.94
14.00	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type B, as per Technical Specification Clause 510	5756.25	Sqm	75.21	Rupees Seventy Five And Paise Twenty One Only	432927.56

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Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
16.00 Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 43 grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, admixtures as approved, curing compound, finishing to lines and grades as per drawing	311.28	Cum	6445.61	Rupees Six Thousand Four Hundred Forty Five And Paise Sixty One Only	2006399.48
16.00 Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701.	3.00	No	3766.19	Rupees Three Thousand Seven Hundred Sixty Six And Paise Nineteen Only	11298.57
17.00 Providing and fixing of typical PMGSY 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 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 1700.1	1.00	No	9402.96	Rupees Nine Thousand Four Hundred Two And Paise Ninety Six Only	9402.96
18.00 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 exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes.	347.00	Sqm	724.51	Rupees Seven Hundred Twenty Four And Paise Fifty One Only	251404.97
19.00 Reinforced cement concrete M15 grade kilometre 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. i) Km Stone (Precast)	2.00	No	2197.39	Rupees Two Thousand One Hundred Ninety Seven And Paise Thirty Nine Only	4394.78

[Signature]

Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
iii) 200 m Stone (Precast)	8.00	No	575.95	Rupees Five Hundred Seventy Five And Paise Ninety Five Only	4607.60
21.00 Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	241.69	Cum	168.78	Rupees One Hundred Sixty Six And Paise Seventy Eight Only	40309.06
22.00 Providing M10 in Foundation :- Providing PCC M 10 concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	132.10	Cum	5477.76	Rupees Five Thousand Four Hundred Seventy Seven And Paise Seventy Six Only	723590.18
23.00 Providing M15 in Foundation :- Providing PCC M 15 concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	68.54	Cum	5608.43	Rupees Five Thousand Six Hundred Eight And Paise Forty Three Only	384401.79
24.00 Providing and laying RCC pipe NP-4 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 1106 600 mm dia	30.00	RM	1040.63	Rupees One Thousand Forty And Paise Sixty Three Only	31218.90
25.00 Providing and laying RCC pipe NP-4 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 1106 1000 mm dia	30.00	RM	2445.90	Rupees Two Thousand Four Hundred Forty Five And Paise Ninety Only	73377.00
26.00 Laying (First Class) bedding on well compacted sand moorum or approved granular material as per clause 1105	13.95	Cum	416.84	Rupees Four Hundred Sixteen And Paise Eighty Four Only	5814.92
27.00 Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	18.00	Cum	838.41	Rupees Eight Hundred Thirty Eight And Paise Forty One Only	15091.38
Total Estimated Cost in Figures (A)					1,13,98,947.02
28.00 Maintenance for 1st year	1.00	Year	59758.60	Rupees Fifty Nine Thousand Seven Hundred Fifty Eight And Paise Sixty Only	59758.60
29.00 Maintenance for 2nd year	1.00	Year	78047.03	Rupees Seventy Eight Thousand Forty Seven And Paise Three Only	78047.03
30.00 Maintenance for 3rd year	1.00	Year	178522.73	Rupees One Lakh(s) Seventy Eight Thousand Five Hundred Twenty Two And Paise Seventy Three Only	178522.73
31.00 Maintenance for 4th year	1.00	Year	226955.17	Rupees Two Lakh(s) Twenty Six Thousand Nine Hundred Fifty Five And Paise Seventeen Only	226955.17
32.00 Maintenance for 5th year	1.00	Year	282333.34	Rupees Two Lakh(s) Eighty Two Thousand Three Hundred Thirty Three And Paise Thirty Four Only	282333.34
Total Estimated Cost in Figures (B)					3,25,616.87
Total Estimated Cost in Figures (A+B)					1,22,24,563.89
Quoted Amount					1,22,24,563.89
Quoted Rate in Words					Rupees One Crore Twenty Two Lakh(s) Twenty Four Thousand Five Hundred Sixty Three And Paise Eighty Nine Only

Revised F.D.R B.O. & Approved for Rs 12224563.89 (Rupees One crore Twenty Two Lakh Twenty Four Thousand Five Hundred & Sixty Three and Paise Eighty Nine Only) for Serial No 1 to 32

Superintending Engineer
Works Circle, Siwan

EXECUTIVE ENGINEER
R. W. D. WORKS DIVISION
SIWAN-1