

ग्रामीण कार्य विभाग

बिहार ग्रामीण पथ विकास अभिकरण

पत्रांक:-BRRDA(HQ) MMGSY (NDB)-367/2020 68 मर्ग . /पटना, दिनांक:- 19.1.21

प्रेषक,

ई0 नलिन कुमार सिन्हा,
परियोजना निदेशक, MMGSY(NDB)

सेवा में,

मुख्य अभियंता-2,
ग्रामीण कार्य विभाग, बिहार,पटना।

विषय:-NDB, Assisted "MMGSY" अन्तर्गत NH-106 Jhitikiya To Mansuri (under Package no.-
MMGSY-NDB- BRRP-115-MADHEPURA) पथ के मर्दों की स्वीकृति के संबंध में।

प्रसंग:- आपका पत्रांक- 4764 अनु0 दिनांक-14.09.2020।

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र से प्राप्त प्रस्ताव के आलोक में दिनांक-18.01.2021 को विभागीय सचिव महोदय की अध्यक्षता में सम्पन्न विभागीय निविदा समिति की बैठक की कार्यवाही की छायाप्रति नियमानुसार अग्रेतर कार्रवाई हेतु संलग्न कर भेजी जा रही हैं।

अनु0: विभागीय निविदा समिति की कार्यवाही की छायाप्रति।

विश्वासभाजन

(नलिन कुमार सिन्हा)

परियोजना निदेशक, MMGSY(NDB)

पत्रांक:- BRRDA(HQ) MMGSY (NDB)- 367/2020 68 मर्ग . /पटना, दिनांक:- 19.1.21

प्रतिलिपि:- IT Nodal, ग्रामीण कार्य विभाग को विभाग के वेबसाइट पर अपलोड करने हेतु प्रेषित।

अनु0: विभागीय निविदा समिति की कार्यवाही की छायाप्रति।

परियोजना निदेशक, MMGSY(NDB)

पत्रांक:- BRRDA(HQ) MMGSY (NDB)- 367/2020 68 मर्ग . /पटना, दिनांक:- 19.1.21

प्रतिलिपि:- अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा / कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमण्डल, मधेपुरा को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

अनु0: विभागीय निविदा समिति की कार्यवाही की छायाप्रति।

परियोजना निदेशक, MMGSY(NDB)

1	उपस्थिति	<p>श्री पंकज कुमार पाल, सचिव, ग्रामीण कार्य विभाग,।</p> <p>श्री संजय दूबे, विशेष सचिव-सह-आन्तरिक वित्तीय सलाहकार, ग्रामीण कार्य विभाग,।</p> <p>श्री अशोक कुमार मिश्रा , अभियंता प्रमुख, ग्रामीण कार्य विभाग।</p> <p>श्री अमरेन्द्र कुमार सिन्हा, मुख्य अभियंता-2, ग्रामीण कार्य विभाग।</p>
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2	विषय एवं प्रस्ताव	<p>(i) योजना शीर्ष/विपत्र कोड :-मुख्यमंत्री ग्राम संपर्क योजना (एन0डी0बी0)- मुख्यीर्ष 4515-अन्य ग्राम विकास कार्यक्रमों पर पूंजीगत परिव्यय, उपमुख्य शीर्ष-00, लघु शीर्ष-103-ग्राम विकास-उप शीर्ष-0519 (एन0डी0बी0), विपत्र कोड-37-4515001030519 है। वित्तीय वर्ष 2020-21 के लिए ₹700.00 करोड़ का बजटीय उपबंध प्राप्त है। इसी राशि से प्रसंगाधीन योजना के लिए राशि का व्यय विकलनीय होगा।</p> <p>(ii) योजना का नाम:-MMGSY(NDB) अन्तर्गत ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा के अधीन “NH-106Jhitkiya to Mansuri (MMGSY-NDB-BRRP-115-MADHEPURA) ” Length-1.63 Km, Revised Length 0.760 Km के निर्माण एवं पंचवर्षीय अनुरक्षण कार्य हेतु मुख्य अभियंता-2, ग्रामीण कार्य विभाग, बिहार, पटना के पत्रांक-4764 अनु0 दिनांक-14.09.2020 के द्वारा प्रदत्त पुनरीक्षित तकनीकी अनुमोदन के आलोक में निम्न Table-A एवं Table-B में अंकित विवरणी के अनुसार अधिकाई परिमाण विपत्र (BOQ) मद की स्वीकृति का प्रस्ताव है, जिसकी विवरणी निम्नवत् है :-</p>
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TABLE-A

Sl No.	Division	Block	Name of Road	Length (In km)	Total Population Served	Reason for Revised DPR	Revised Technical Approval Amount (In Lakhs)	Cost Per km
1	2	3	4	5	6	7	8	9
1	Madhepura	Shingheshwar	NH-106 Jhitkiya to Mansuri (MMGSY-NDB-BRRP-115-MADHEPURA)	1.63		Replacement of RCC Box Culvert of size (1 x 2.0 M x 2.0 M) with RCC Box Culvert of size 1 x 4.0 M x 3.0 M, Upgradation of Carriageway from 3.75M to 5.5M, provision of protection wall and revision of sanctioned length from 1.63KM to 0.760Km	142.89	87.66

SI No.	Item No.	Description of Item	Variation in	
			Amount (Rupees)	Percentage (%)
			4	5
1	6	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to 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	651084.84	224.70%
2	7	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 & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	138576.74	26.22%
3	9	WBM Grading 2 :-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/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405.	1149889.72	100%
4	14	Semi-Dense Bituminous Concrete:- Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects.	1179402.68	100%
5	16	Hard Shouldering with Paver Block-Providing and laying factory made chamfered edge cement concrete paver blocks of required strength,thickness & size/shape made by table vibratory method to attain superior smooth finish using PU or equivalent moulds , laids in required Grey colour & pattern over 50 mm thick compacted bed of coarse sand,compacting and proper embedding/laying of interlocking paver blocks into the sand bedding layer through vibratory compaction bu using plate vibrator,filling the joint with jamuna sand and cutting of paver blocks pervv required size and pattern ,finishing and sweeping extra sand in footpath,park ,lawns,drive ways orlight traffic parking etc	359319.68	216.96%
6	26	Road Markers/Road Stud with Lens Reflector-Providing and fixing of road stud 100 x 100 mm die cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling holes 30 mm upto a depth of 600 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS:873 (Part 4) 1973.	73102.45	100%

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SI No.	Item No.	Description of Item	Variation in	
			Amount (Rupees)	Percentage (%)
			4	5
1	6	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to 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	651084.84	224.70%
2	7	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 & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	138576.74	26.22%
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4	14	Semi-Dense Bituminous Concrete:- Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects.	1179402.68	100%
5	16	Hard Shouldering with Paver Block-Providing and laying factory made chamfered edge cement concrete paver blocks of required strength,thickness & size/shape made by table vibratory method to attain superior smooth finish using PU or equivalent moulds , laids in required Grey colour & pattern over 50 mm thick compacted bed of coarse sand,compacting and proper embedding/laying of interlocking paver blocks into the sand bedding layer through vibratory compaction bu using plate vibrator,filling the joint with jamuna sand and cutting of paver blocks pervv required size and pattern ,finishing and sweeping extra sand in footpath,park ,lawns,drive ways orlight traffic parking etc	359319.68	216.96%
6	26	Road Markers/Road Stud with Lens Reflector-Providing and fixing of road stud 100 x 100 mm die cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling holes 30 mm upto a depth of 600 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS:873 (Part 4) 1973.	73102.45	100%


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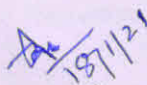
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		7	27	Planting of tree by the road side (Avenue Tree) in 0.6 m dia holes, 1 m deep dug in the Ground, Mixing the soil with decayed farm yard/ slug manure, planting the saplings back filling the trench, watering, fixing the tree guard & maintain the Plant for One Year.	56327.36	100%
		8	28	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 trenches with excavated suitable material.	74904.29	100%
		9	29	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	154643.83	100%
		10	30	Brick masonry work in cement mortar (CM 1:4) in foundation complete excluding pointing and plastering as per drawing and technical specifications Clauses 602, 603, 604, 1202 & 1203	1798407.7	100%
		11	31	Providing concrete for plain/reinforced concrete M-20 in coping over protection wall complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 P.C.C grade M 20	17704.2	100%
		12	32	Providing Weepholes in brick masonry , Plain / Reinforced concrete abutement , 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 specification	16115.76	100%
		13	33	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	33983.72	100%
		14	35	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	5692.08	21.12%
		15	37	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 1106	10186.69	33.33%
		16	53	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	45427.09	100%
		17	54	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	90764.03	100%
		18	55	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-20 Grade	444727.76	100%


		19	56	Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	15770.39	100%
		20	57	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 PCC M-20 Grade	368519.8	100%
		21	58	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7	6694.24	100%
		22	59	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-25 Grade	252632.04	100%
		23	60	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	242891.8	100%
		24	61	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (With Sandy Materials)	81797.41	100%
		25	62	Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.8	131577.88	100%
		26	63	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	90800.69	100%
		27	64	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	67228.26	100%
		28	65	Parapet Construction Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (M20)	46099.02	100%
		29	66	Painting on Parapet Wall (Black & White Strips) 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	5875.2	100%
		30	67	Drainage spouts complete as per drawing and technical specifications Clause 1209	1716.76	100%

		31	68	Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	28133.36	100%
		32	69	Approach slab : Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	103725.17	100%
		33	70	PCC (M15) (Below Approach Slab) : PCC M15 Ordinary grade (1:2.5:5) levelling course below approach slab complete as per drawing and technical specifications clauses 800 and 1211.	40299.11	100%
		<p>(i) सक्षम पदाधिकारी मुख्य अभियंता-2, ग्रामीण कार्य विभाग, पटना द्वारा उपर्युक्त कंडिका-2 (विषय एवं प्रस्ताव) के Table-A के कॉलम-8 में अंकित राशि के लिए योजनावार पुनरीक्षित तकनीकी अनुमोदन प्रदान किया गया है।</p> <p>(ii) पथ निर्माण विभाग की अधिसूचना स0- प्र0 6/द0 बि0-नियम-03-02/2004-2016 (s) पटना/ दिनांक-07.03.2017 की कंडिका 292 (xviii) (xii) अधिकाई परिमाण विपत्र (बी0 ओ0 क्यू0) मद का अनुमोदन हेतु प्राप्त शक्तियों की सीमा के आलोक में परिमाण विपत्र मद मात्रा में अधिकतम 20% मद-क्रम वार तक बढ़ोतरी हेतु मुख्य अभियंता एवं 20% से अधिक विचलन होने पर प्रधान सचिव/सचिव की अध्यक्षता में गठित विभागीय निविदा समिति की स्वीकृति आवश्यक होगी।</p> <p>(iii) उक्त के आलोक में कंडिका 2 (विषय एवं प्रस्ताव) में अंकित योजना के तालिका 'A' के स्तम्भ-7 में अंकित तथ्य के आलोक में तुलनात्मक विवरणी के कुल 33(तैतीश) अदद् मदों में अधिकतम अनुज्ञेय सीमा 20% से अधिक विचलन के क्रम में विभागीय निविदा समिति की स्वीकृति अपेक्षित है।</p>				
4	समिति द्वारा लिया गया निर्णय	<p>समीक्षोपरान्त कंडिका-2 के प्रस्तावित पथ “NH-106Jhitkiya to Mansuri, Length-1.63 Km (MMGSY-NDB-BRRP-115-MADHEPURA) ” Revised Length 0.760 Km के निर्माण एवं पंचवर्षीय अनुरक्षण कार्य हेतु Table-A के स्तम्भ-7 में अंकित तथ्य विवरणी के आलोक Table-B के स्तम्भ-3 में अंकित कुल 33 (तैतीश) अदद् मदों के सामने स्तम्भ-4 में अंकित बढ़ोतरी की राशि की स्वीकृति प्रदान की जाती है।</p>				


(अमरेन्द्र कुमार सिन्हा)
मुख्य अभियंता-2


(अशोक कुमार मिश्रा)
अभियंता प्रमुख


(संजय दूबे)
वि0 सचिव-सह-आं0 वि0 सलाहकार


(पंकज कुमार पाल)
सचिव