ग्यान्तरणका माणि नयां दिता

'आर्टिफिसयल इन्टेलिजेन्सको नीति तथा कानन निर्माण आवश्यक'

WISHIZ! / WR उचीग, बाणिज्य तथा आगूर्शि मन्त्री दामोदर भण्डारीजे औद्योगिव केंद्रको विकास र अर्धानकीक रणका माणि आर्टिकिमिगल इन्टेलिकेला र रोबोटिक्स प्रविधि अपरिहार्ग मनेको मताएका खर्। राष्ट्रिय पुबारांच नेपालताग आयोजित इन्टरनेशनस आर्टिफिमियस इन्टेलिजेन्स एण्ड रोवांटिस्स कन्फरेन्समा मन्त्री भण्डारीले आर्टिफसपन इन्टेनिजेन्स सम्बन्धी नीति तथा बानून निर्माण गरी यसको विकासमाफेन् औद्योगिक विकास र सम्दिमा फारडो माने गरी सरकार लागिगरेको बताए । उनने मने जामीले मनका नागि नीतिगत र व्यनुनी संरचना

निर्माण र पुनोधार विकासमा लागेका ची, डिजिटन पूर्वाधार विस्तार र सुद्वीकरण, औद्योगिक क्लस्टर र टेक्नोलोजी पार्क स्थापना, इन्टरनेट



र सम्यादवाहर प्रस्तुत गरेका काए । इनले भौधोगिक अलियं मूल जाधार दे बाटिश्विसियन इन्हीर केला लगायनका आधुनिक হুবেনিয়ন মাতৃত্বী ৰবেছে। বা প্ৰথিয়নত মাতৃত্বী ৰবেছে। বা প্ৰতিয়নেই খাঁৱলাঁগত তথ্যস্ব शेवा दितरण र व्यवस्थापनकः केल्या आयल परिवर्तन स्वइतंत्र्य सन्दी धण्डातीकी विषयम छ । माश्रिकणण्य इन्हीतवन्यतो प्रयोग र प्रकाश स्पूर्व प्रानुस्टर्सान्द्र अागृहि जे अन्तर व्यवस्थापत्र न प्रातंड सेना तथा बतार विग्लाव eft ereften gies fin e समर्थन, व नागको प्रमुनि विग्नेतव, uns many sourt, when सिफारित प्रणामी, मामाजिक मान्यान शतुराजन र दिरतेगर बन्ध आगाममा उत्त्येत्र गीव जेवदान दिर महीरदरण भी आएसी उनसे मनाइ छ ।

ज्योति विकास बैंकका ग्राहकले स्काईवाकमा छुट पाउने

काउमाडी /मत - ज्योति विकास वैकने आफ्ना ग्राहकहरन्ताई स्काइंबाक नेपालमा विश्वेष छुट

पदान गर्ने सम्फ्रीता गरेको छ । बैंजने काठमाडी को कममार्टास्थित स्कार्डवाउ नेपालमा २० प्रतिशतसम्ब छट प्रदान गर्ने सम्भौता गरेको हा । सम्भीतापत्रमा वैकका तफंवाट बैंकका मार्केटिङ तथा पान्डिङ थिभागका प्रमुख कुशनजंग अधिकारी तथा स्काइंवाक नेपालको तर्फनाट कम्पनीका



प्रमुख कार्यकारी अधिकृत रोहित Bant meaned tarent जवालीने हरताक्षर गरेका हुन् । नेपानका म्य्टावर ममग सम्फौतापण्चात न्योति विकास यतां दिवट गुल्लमा जावपंत सुट पाउनेखन् । स्वाईवाक राबरबाट बाटमाडीकी हावाबनोडन

गर्न सर्वजन्छ ।



- system www.bolpatra.gov.np/egp. A complete set of Bidding Documents may download the bidding documents & submit their bid
- electronically for e-submission from PPMO's e-GP system www.bolpatra.gov.np/egp. Bidders, submitting their bid electronically, should deposit the cost of bidding document in the Project's Rajaswa (revenue) account as specified below. Information to deposit the cost of bidding document in Bank:
 - Name of the Bank Rustriva Bantiva Bank Limited . Name of Account
 - Office Account no. 2670100301010002 .
 - Office Code Number 80101501300 .
 - Revenue Code Number : 14229
- Bids must be submitted through PPMO's e-GP system www.bolpatra.gov.np/egp on or before12:00 noon on 2081.08.13. Bids received after this deadline will be rejected.
- 2081.08.13 at the office of Authrai Tribeni Rural Municipality, Hangpang, Taplejang
- 7. Bids must be valid for a period of 90 days after bid opening and must be accompanied by a bid security or scanned copy of the bid security in pdf format in case of e-bid, amounting to a minimum of as per above

Name of the Bank	:	Rastriya Banjiya Bank Limited
Name of Account	:	AATHRAI GA.PA.(GA-3)-DHARAUTI ACCO
Office Account no.	:	2670100303000002

If the last date of purchasing and for submission falls on a government holiday, then the next working day shall be considered as the last date. In such case the validity period of the bid and bid security shall remain the same as specified for the original last date of bid submission.

> Act.Chief Administrative Officer Asthrai Tribeni Rural Municipality

कनेविटीप्रदी र नेटबर्क विस्तार

बाहा मेन्टर र बतावद कण्पति सेवा, एयाई अनुसन्धान र विकास, श्रमता विकाम, उद्यांग-शिक्ष सानदेशी, अन्तर्राष्ट्रिय सहकार्य र जान हरतान्तरण, रटार्टअप इन्क्युचेसन र एक्सेलेरेसन, सगानी प्रयदेन जस्ता क्षेत्रहरुमा विभेग ध्यान दिनुवने देखिन्छ ।' मन्द्री भण्डामिले उच्चेत बाणिज्य तथा आपूर्नि मन्त्रालयसे डिजिटन नेपाल औद्योगिक त्रपान्तरण कार्यक्रम,

आबम्यक रहेको बताए ।

nut situan su sartat s पुना उपमी दिनिटन समाकिकरण aidmuss afu atrad योजना बनाएको बराए । मन्त्री भण्डारीसे नेपालको और्यायिक भेषमा अधिगतियन इन्टेनितेना र रोबोटिका प्रविधिको भीमका र אנשומרווגאשול יוצר אמיהם

उनने यम थेवना विम्बय्याधी त्रयमा महरहेका विकाम र पगतिहरूसे मुलुकको औद्योगिक

सीमा शत्क आम्दानी गरेका थिए । जसमा निजीबन बीमा कम्पनीले १९ अवं

११ अर्ब १९ करोड १४ लाख १९ हजार त्येगी

बीमा ट्यवसाय

तीन महिनामै कम्पनीहरुले

आम्दानी गरे ५२ अर्ब बीमा शुल्क

MESTOR

erren aria, man

त्मा अग्रो व्यवसाय बर्द गएको (()

र रकर्ज हुन्। वीमा कम्पनीहरुको

होया आपन व्यवसाय प्रदूष पर्यता छ। बानु डॉलेंड वर्ष (आनल्पो तीन महिनामा हा आपंड वर्षजे सोही प्रवधिको नुलनामा

अम्मन तकाय नेपाल बीमा प्राधिकरणले

हांबचार सार्वदनिक गरेको सध्यांकवनुसार

अवधिको तुलनामा २ अयंभन्ता मही बीमा

रीया बायनीहरूले ४९ अर्थ ३० करोड १४

ताख ८२ हजार रूपेगां बराबरको बीमा

शुल्क आम्दानी गरेका खन् । सो जबधिमा

जीवन बीमा कम्पनीहरने भी अर्थ जाठ

करोड एक सांख २= हजार र लघु जीवन वीमा कम्पनीहरने २२ करोड १३ नाख १४

हजार रूपैयां बरावरको शत्क आप्दानी गरेको

ममीला जनविमा जीवत बीमा

कम्पनीहरूले गत आवको सोडी बर्बाछको

तुलनामा बीमा सुन्क आम्दानी बहाउन सफल

भएको देविना । गत बाब 050/51 को

असोज मसान्तनम्म जीवन बीमा कम्पनीहरले

Yo अर्थ co करोड़ Yi मारा c? नाय

प्राधिकरणते जनाएको छ ।

चानु आदको अमोन मसान्तवम्म

तीबन बीभा तथा लघु नीबन

गुत्व जाम्तानी गरेका हुन् ।

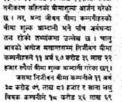
नेपानका व

ल जावको बसोजसम्म जीवन र निजीवन

हम्पनीहरुले गत मादको त्यही

र्थमा कम्पनीहरूने बीमा गुल्हा

छ । तर, अन्य जीवन बीमा कम्पनीहरुको नीमा शल्क आम्दानी भने पांच अवंधन्दा तन रहेको तथ्योकमा उल्लेख छ । चालु भावको असोज मसान्तराग्म निजीवन वीमा कम्पनीहरुने १९ अर्ब ४.० करोड ३१ लाख २२ हजार रूपैयां बीमा मुल्क आम्दानी गरेका छन्। ३= करोड अर ताय =३ हजार र साना मध विषक कम्पनीलं १= करोड १६ साख ६९



हजार बराबर बीमाशुल्क आम्दानी गरेका हुन्। तम्पाकअन्सार निजीवन वीमा कम्पनीहरुले कम्पनीले एक अर्थ १२ करोड ४९ हजार गत प्रावको तुलनामा चानु आवमा वीमा निजीवन बीमा क्षेत्रको व्यवसाय विग्तार गरेका छन्। गत बाब ०००/ ५१ को बसोज प्रसानग्रम दिजीवन तीम कप्पनीहरूले 90





काठमाडी /मस - स्वतन्त्र कर्या जत्यादकहरको संस्था नेपाल (इप्पान)का अव्यक्ष गणेश उपकींने बादी तथा पहिले গ্ৰমাৰির অন্তিযুব আয়াজনামাই बरकारने सहत र धतिपूत्रिका नागि सहाँबकरण गर्न नसको भए हात उठाउनुपर्ने बताएका छन्। गांतवार अधाध कार्कीको नेतृत्वमा গত্রু হত্যার প্রনির্দিয় 180 राजां बनमोत तथा सिंचाइ नी रीपक बदसारीय उन्हों मन्त्रालयमा मएको सलफनमा बद्धत बार्बीने उक्त वरा बताएका हन्।

बरकारने बाढी पहिरोमा मात्र नजएर जन्य कुनै पनि मुरामा सहीरकम्ण मगर्दा निर्दी क्षेत्रका प्रबद्धकहमा निरासा र झाकोश बहुरै गएको भन्दै सरकारने ममयमे मतस्या समाधानका सागि पहन नगरं मोनि तिदन्त्रण नै गर्न

२०० मेगावार उत्पादन सम्भव नाने पनि कार्डीले बताए । नमक्ते गरी जाकोग पाकित केटिएम नेपालको 'केटिएम ट्र्याक टेस्ट एक्सपिरियन्स' सम्पन्न



काठमादी / मत - केट्रिम नेपामने चेटिएम ट्रपाक टेस्ट एस्तरिरियन्त्र' कार्यक्रम समापन गरेको च । कार्तिक ०९ र १० गते भक्तपुरको एडबान्म गर्दाढढ एकंडेमामा आगोजित मो २ कार्यक्रमने २४० मन्द वही मोररसारकल मेमीहरूलाई केटिएमका विभिन्न मोडेनहरुको तेमाञ्चक जनुभव र १८ स्थाय भ्यासेन्त' मा सहभागी भएको कम्पनीने जनाएको छ । कार्यकमको पहिली दिन

सहमागीहरूले विशेष उपने तयार गरिएको दयाकमा संदितम २००



सीप र मुरक्षा सम्बन्धी महनुवपूर्ण मुन्डबहर प्रदान गरै घर रामा र जानवारी मुलक बनाएकी कम्पनीमें दाबी गरेको छ।

virs sa' rsi feis यानेन्त' आयी तना गरिएको वियो जहां पनिस्पर्शहर पा tures, anonres, r steen गरी ३ समुहमा विभाजित गरिएका विए। महभागीहरूले छ-छ स्थापको टाइम टायममा प्रतिस्पर्धा गरेका थिए । जसमा हरेक ममुहमा सबैमन्दा छिटां समय निकाल्ने पतिश्वधीहरुवाई सम्पानित गरिएको थियो ।



सस्ते बार्जीने चेतावनी दिए । पावर ट्रेडको कोटलनेक त्य यर्न सकेमा अहिने देखिएका दनने आरकी शेहीको म्याद किन नर्यापएको, बाढी पहिरो प्रमापित धेरे विषयहरु समाधान हुने दुणा अधीजनानारं सहत अहिते हिते. उपाद्यन चतम घ्यांन सामाले बताए । मन्मार खुटको सुरिधा बाही प्रभावित आयोजनालाई गीपीए कहिने बुसाउने, २०६४ भित्र बिद्दत उत्पादन नमए माद नगएर सबै जायोजनाले स्वतह देक एन्द्र ये हते व्यवस्था पाउन् पर्ने इप्यान महासचिब बलराम स्रतिवढालं बताए। उनले बहिने हटाउने लगायतका प्रान मन्त्रीसामु राखेका थिए। नियामक निकाय धेरे हुंदा काममा हिलाई असोज १९/१२ को बादी माब महरहेवीले १० वर्षमा २६ हजार नगई यम अपि अवार/माउन तवा गत बचेको बेट/अमारमा आएको बादीले अति युऱ्याएका आयोजनाते पनि सहत र अतिपुर्ति पाउनुपर्ने भनाइ राचे । यस्तै ऊर्जा, जलग्रोत तथा सिंचाइ मन्त्री दीपक खडकाले निजी क्षेत्रले ठठाएका सबै मुद्दामा सरकार गम्भीर रहेको बताए ।

अवं ४५ करोट ४७ लाख ३९ हजार बरावरजो

जीवन होपको व्यवसायमा चाल

त्यस्ते, उक्त वर्षाधमा सिदार्थ प्रिमियर

योरन्त कम्पनीले एक अर्थ १७ करोड

P

२= हजार १०० मेगाबाटको मार्गवित्र मन्द्रिपरमा पर्गको जानकारी दिदे मन्त्री खड्काल यादी पहिरोको कुरामा अर्थको सहमति र विषद व्यवस्थापन समितिको रायका माणि पठाइएको पनि जानकारी गराएका थिए । आरमी बोडीको म्याद बप, धीपीए खुनाउने, दिणुत व्यापारको बोटलनेक हटाउने मगायतका मुहामा सरकार गम्भीर मएर लागि परेको मन्त्री सहकाको भगाइ थियां। उक्त खलफलमा महभागी ऊर्जा सचिव गुरेग आचार्यल निजी रोत्रका धेरे विषय समाधान हने गरी मन्दिपरिषद्मा सेजाने नवारी भररहेको यताए ।

सिटिजन लाइफको मैतीदेवीमा शाखा उदघाटन



रायमारी/मग - सिटिजन viafatuat avteata fuar : साइफ इन्त्योरेला कम्पनील मर्थ स्वानमा शाखा कार्यालय मैतीदेवीमा माखा उद्णाटन वानाम्नरवासी बम्पतीबा นิลญาริเธอ ๆ มโพละก่ะเจล้ มา गरेको छ। उद्यादनका जम्मनीका सहज र गुमस्तरिय केवा सुविधा बान्ड एम्बेसेडर इय सदनकथा Act t stran aratin प्राप्त गर्ने कम्प्रतीयर प्रमुख परवंशारी उरपाटन गरे । कम्पनाका जीवकृत्तसं बताए । बाग्यनीयः। नम्ब कार्यकारी अधिकत भागढ एम्बेस्टर परनकृष्ण थेस्ट र हरिवंश आयार्थले संस्थाने सधे भाग्हरूमाई धेरै माथा गरेका र पोपकराज पीढेल, प्रमुख घनार स्पबरधापन अधिकृष भूषण रिप्ताल, मध्य र मध्य परिचम भरपूर्वे माइफ इन्स्वॉल्स क्षेत्रका प्रमुख व्यवमान अधिकृत कम्पनीतीं। बाबद रहन पाउस मूनिन पोखरेन मार्वे कम्पूर्न 11 11 DIA 11

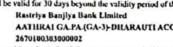
- Single Stage one Envelope Bidding procedures.

- - AATHRAI GA, PA. (GA-1-1)-AANTARIK RAJ

The bids will be opened in the presence of Bidders' representatives who choose to attend at 12:10 on

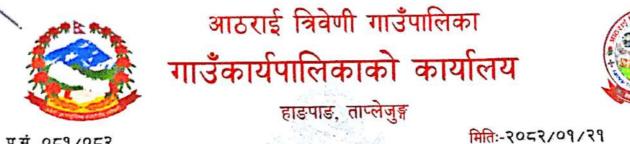
mentioned table which shall be valid for 30 days beyond the validity period of the bid.

Name of the Bank	:	Rastriya Banjiya Bank Limited
Name of Account	:	AATHRAI GA.PA.(GA-3)-DHARAUTI ACCOU
Office Account no.	:	2670100303000002



प्रकाशताः स्रीतादेवी केल, कार्यालयः कारलावेर दे, कारलावे, फोताः 09-4396294, 09-43960997, ई-जेलः madhyanhadally59@gmall.com, ad.madhyanha@gmall.com (विशाधत), जुडळाः धवसप्रेस कलर प्रेस, सल्पदकः जवजक्रमार केव

3.





प.सं. ०८१/०८२ च.नं. २८२९

श्री भौतिक पुर्वाधार विकास मन्त्रालय कोशी प्रदेश, विराटनगर ।

<u> बिषयः- आयोजना संचालनको जानकारी सम्बन्धमा ।</u>

प्रस्तुत सम्बन्धमा कोशी प्रदेश सरकारको राजपत्रमा प्रकाशन भई प्रदेश स्तरमा निर्माण हुने प्रादेशिक मार्गको रुपमा रहेको दोभान - छाँगे - गोर्जा - देउराली - गुफा -बसन्तरपुर सडक (दोभान - गुफापोखरी) सडक खण्डको गुफा पोखरी देखि गोर्जा दोभान खण्डमा प्रदेश सरकारबाट स्वीकृत भएको विस्तृत परियोजना प्रस्ताव (DPR) बमोजिम कोशी प्रदेश समपुरक अनुदान र यस गाउँपालिकाको संयुक्त बजेटबाट चालु आर्थिक वर्ष ०८१/०८२ मा ट्याक ओपन र सोलिङको कार्य भईरहेको व्यहोरा जानकारीका लागि अनुरोध छ ।

पुनश्चः- उक्त निर्माण सम्बन्धी (DPR), लागत इस्टिमेट लगायत अन्य कागजातहरु कार्यालयको वेभसाइटमा अपलोड गरिएको व्यहोरा अनुरोध छ ।

बाबु नन्दने मेहता प्रमुख प्रशासकीय अधिकृत

ने.सं. ११४५ बल्लाय्व ०७ आइतबार

<u>बोधार्थ</u> श्री मेन्छ्यायेम गाउँपालिका गाउँकार्यपालिको कार्यालय मोराहाङ तेह्रथुम ।

श्री पुर्वाधार विकास कार्यालय कोशी प्रदेश, पाँचथर/संखुवासभा ।

















































Province Government Ministry of Infrastructure Development Transport Infrastructure Development Infrastructure Development Office Panchthar, Province-1, Nepal

Summary of Quantity

Name of The Project: Upgrading and Track Open of Gufa Bhuje Deurali Gorja Change Road Chainage:- 7+350 to 26+890.61 Km

S.No.	Norms no.	Description of Works	Unit	Quantity	Remarks
1	2	3	4	5	6
1 1.1		General Relocation of public utilities/services and repairing for existing infrastructure (houses, water supply pipes, electricity poles, Temple, Foot staircase, Foot trail etc) as instructed by engineer (SS/SP-103).	P.S.	1.00	
1.2		Engineer's facility: Establishment and Maintenance of office and site camp etc, and providing furniture and other facilities as directed by the Engineer.	Month	0.00	
1.3	5.3	Carry out additional tests for material woks as required instructed by Engineer	P.S.	1.00	
1.4		Insurances for the loss or damage to works, plant, material, equipment, property and personnel injury or death and commission of bank security and performance guarantee all complete, as per specification (SS/SP-117) and instruction of engineer.	L.S.	1.00	
1.5	1.3	Providing and installation of Project Signboards with size of 2.5 x 1.8 m as per specification (SS/SP - 1500) and instruction of Engineer.	No	2.00	
1.6	29.22 A	Carry out maintainance of the existing road to keep the road Serviceable through out the contract period as per specification and instruction of engineer (SS-109).	Km-Month	0.00	
1.8		Provisional Sum	PS	1.00	
2		Site Clearance			
2.1	2.30	Clearing of grass, trees, removing roots, breaking sods, levelling the surface and safe disposal all complete .(SS/SP 200).	Sqm	0.00	
2.2		Felling trees including cutting of trunks and branches, removing the roots, stacking serviceable materials and disposal of unserviceable materials to suitable place all complete as per Contract Documents:(SS/SP- 201)			
2.2.1	2.2.i	300mm-600mm girth size	Nos.	150.00	
2.2.2 2.3	2.2.ii	600mm-900mm girth size Dismantaling Works	Nos.	60.00	
2.2.1	2.4.i.l.B	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead of 1000 meters for Cement Concrete Grade M-15 & M-20	Cum.	5.00	
2.2.2	2.4 iii B	Rubble stone masonry in cement mortar.	Cum.	20.00	
2.2.3	2.4IX b	Removing all type of Hume Pipes and Stacking within a lead of 50 metres including Earthwork and Dismantling of Masonry Works.Above 600 mm to 900 mm dia	m	10.00	
0		Earthwork			
3		Roadway excavation including side drain in all types of soil and rock, including necessary haulage,			
3.1	9.1.I.B	disposal and lift etc. all complete as per specification and instruction by the engineer (SS/SP-905). Construction of Embankment with Material Deposited from Roadway Cutting or borrow pit, Providing,	Cum	599,636.96	
3.2	9.9.B	laying, spreading and compacting embankment with roadway cutting material and compact to the required density as per Drawing and Technical Specifications. (With machine)(SS/SP-909).	Cum	39,838.84	
4		Cross Drainage Structures			
4.1	9.4.I.B.i	Excavation for Structures Foundation, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications., by Mechanical Means, Depth upto 3 m(SP/SS 907 9.4 IA).	Cum	4,881.05	
4.2	9.11.D	Providing suitable material and Back filling behind abutment, wing wall and return wall complete as per Drawing and Technical Specifications., Locally available Material, with out watering and compaction by tamping rod (SP 908,9.11 D).	Cum	1,620.79	
4.3	10.80	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications(SS/SP 1006 10.8).	Cum	301.78	
4.4	20.02.A	Providing and laying of PCC Grade M15 in Foundation all complete as per Drawing and Technical Specifications.	Cum	438.68	
4.5	20.02.B	Providing and laying of Plain/Reinforced Cement Concrete in Foundation complete as per Drawing and Technical Specifications, PCC Grade M 20/40 (SS 2000, 20.02B)	Cum	102.87	
4.6	18.2.a.ii	Providing, Preparing and Installing form work including necessary supports and removing after completion for walls. (Class F2 Finish), vertical plain surface.(SP 1804,18.2 A i).	Sqm	757.76	
4.7	20.50	Providing and laying Reinforcement bar for RCC works including cutting bending, binding, fixing in position and lead all complete as per specification. (SS/SP-2000) and instruction of Engineer.	Mt.	7.48	
4.8	26.5 A	Providing and laying Stone Masonry Work in Cement mortar in Foundation / structure complete excluding Pointing and Plastering, as per Drawing and Technical Specifications., Cement sand mortar M7.5, Using Concrete Mixer (SS/SP 2500).	Cum	1,653.40	
4.9	24.16	Providing and filling with graded pervious (filter material) in layer with necessary watering and compaction as per specification (SS/SP - 3110, 2404) and instruction of Engineer.	Cum	294.61	
4.10	7.2 D	Providing and laying 900mm int. dia. RCC hume pipes (NP3) with or without collars, jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) with lead all complete as per specificationand instruction of Engineer : (SS/SP-701).	Rm	470.00	
4.11	24.50	Providing , laying and fixing of geotextile (filter fabrics), with lead all complete as per specification & instruction of Engineer (SS/SP-2404/3110).	Sqm	1,441.89	
4.12	24.3 & 24.4	Providing and placing machine made gabion and mattress of Heavy zinc coated Hexagonal mesh type 100 mm x 120 mm, mesh wire 3 mm, selvage wire 3.9 mm, lacing wire 2.4 mm including stone filling as per drawing, technical specification and directed by the engineer all complete (SS/SP-2402).	Cum	48.00	
5		Retaining Structures			
5.1	9.4.I.B.i	Excavation for Structures Foundation, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications, by Mechanical Means, Depth upto 3 m(SP/SS 907 9.4 IA).	Cum	58,940.40	
5.2	9.11.D	Providing suitable material and Back filling behind abutment, wing wall and return wall complete as per Drawing and Technical Specifications., Locally available Material, with out watering and compaction by tamping rod (SP 908,9.11 D).	Cum	51,127.40	

S.No.	Norms no.	Description of Works	Unit	Quantity	Remarks
1	2	3	4	5	6
5.3		Providing and laying of PCC Grade M15 in Foundation all complete as per Drawing and Technical Specifications.	Cum	555.50	
5.4		Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications(SS/SP 1006 10.8).	Cum	833.25	

1 5.5 5.6 5.7 5.8 5.9 5.10 5.11 6 6.1	no. 2 24.16 24.21.A.I 26.5 A 24.3 & 24.4 7.1 A 24.50 18.2.a.ii	3 Providing and filling with graded pervious (filter material) in layer with necessary watering and compaction as per specification (SS/SP - 3110, 2404) and instruction of Engineer. Providing and laying Plum Concrete mixing of 60% M15 concrete and 40% boulder/stones (Boulder mixed concrete) all complete as per Drawing and Technical Specifications. (Mechanical Means) Providing and laying Stone Masonry Work in Cement mortar in Foundation / structure complete excluding Pointing and Plastering, as per Drawing and Technical Specifications., Cement sand mortar M7.5, Using Concrete Mixer (SS/SP 2500). Providing and placing machine made gabion and mattress of Heavy zinc coated Hexagonal mesh type 100 mm x 120 mm, mesh wire 3 mm, selvage wire 3.9 mm, lacing wire 2.4 mm including sone filling as per drawing, technical specification and directed by the engineer all complete (SS/SP-2402).	4 Sqm Cum Cum	5 1,350.00 7,614.07 6,232.40	6
5.6 5.7 5.8 5.9 5.10 5.11 6 6.1	24.21.A.I 26.5 A 24.3 & 24.4 7.1 A 24.50	compaction as per specification (SS/SP - 3110, 2404) and instruction of Engineer. Providing and laying Plum Concrete mixing of 60% M15 concrete and 40% boulder/stones (Boulder mixed concrete) all complete as per Drawing and Technical Specifications. (Mechanical Means) Providing and laying Stone Masonry Work in Cement mortar in Foundation / structure complete excluding Pointing and Plastering, as per Drawing and Technical Specifications., Cement sand mortar M7.5, Using Concrete Mixer (SS/SP 2500). Providing and placing machine made gabion and mattress of Heavy zinc coated Hexagonal mesh type 100 mm x 120 mm, mesh wire 3 mm, selvage wire 3.9 mm, lacing wire 2.4 mm including stone filling as	Cum	7,614.07	
5.7 5.8 5.9 5.10 5.11 6 6.1	26.5 A 24.3 & 24.4 7.1 A 24.50	concrete) all complete as per Drawing and Technical Specifications. (Mechanical Means) Providing and laying Stone Masonry Work in Cement mortar in Foundation / structure complete excluding Pointing and Plastering, as per Drawing and Technical Specifications., Cement sand mortar M7.5, Using Concrete Mixer (SS/SP 2500). Providing and placing machine made gabion and mattress of Heavy zinc coated Hexagonal mesh type 100 mm x 120 mm, mesh wire 3 mm, selvage wire 3.9 mm, lacing wire 2.4 mm including stone filling as			
5.8 5.9 5.10 5.11 6 6.1	24.3 & 24.4 7.1 A 24.50	Providing and laying Stone Masonry Work in Cement mortar in Foundation / structure complete excluding Pointing and Plastering, as per Drawing and Technical Specifications., Cement sand mortar M7.5, Using Concrete Mixer (SS/SP 2500). Providing and placing machine made gabion and mattress of Heavy zinc coated Hexagonal mesh type 100 mm x 120 mm, mesh wire 3 mm, selvage wire 3.9 mm, lacing wire 2.4 mm including stone filling as	Cum	6,232.40	
5.9 5.10 5.11 6 6.1	24.4 7.1 A 24.50	Providing and placing machine made gabion and mattress of Heavy zinc coated Hexagonal mesh type 100 mm x 120 mm, mesh wire 3 mm, selvage wire 3.9 mm, lacing wire 2.4 mm including stone filling as		1	
5.10 5.11 6 6.1	24.50		Cum	19,000.00	
5.11 6 6.1		Providing, Jointing and Laying HDPE Pipes with or without collar etc. complete in place as per Drawing and Technical Specifications (Size 110mm/125/150 mm outer dia.)	m.	12,958.75	
6 6.1	18.2.a.ii	Supply and place geotextile as per design drawings, all complete (SS/SP- 3110)	Sqm	24,165.84	
6.1		Providing, Preparing and Installing form work including necessary supports and removing after completion for walls. (Class F2 Finish), vertical plain surface.	Sqm	18176.740	
6.1		Side Drain			
	9.4.I.B.i	Excavation for Structures Foundation, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical	Cum	14,509.28	
		Specifications., by Mechanical Means, Depth upto 3 m(SP/SS 907 9.4 IA). Providing suitable material and Back filling behind abutment, wing wall and return wall complete as per			
6.2	9.11.D	Drawing and Technical Specifications., Locally available Material, with out watering and compaction by tamping rod (SP 908,9.11 D)	Cum	15,338.22	
6.3	10.80	Providing and placing stone soling including compaction, testing etc., all complete as per Drawings and Technical Specifications, (SP 908,9.11 D).	Cum	1,918.91	ļ
6.4	20.02.A	Providing and laying of PCC M15 in Foundation complete as per Drawing and Technical Specifications, (SS/SP 2000).	Cum	1,279.27	
6.5	20.02.B	Providing and laying of RCC M20 for side drain all complete as per Drawing and Technical Specifications, (SS 2000, 20.02B).	Cum	191.88	
6.6	18.2.a.ii	Providing, Preparing and Installing form work including necessary supports and removing after completion for foundation and footing. (Class F1 Finish)	Sqm	24,092.98	
6.7	20.50	Providing and laying Reinforcement bar for RCC works including cutting bending, binding, fixing in position and lead all complete as per specification. (SS/SP-2000) and instruction of Engineer.	Mt.	30.13	
6.8	26.5 A	Providing and laying Plum Concrete mixing of 60% M15 concrete and 40% boulder/stones (Boulder mixed concrete) all complete as per Drawing and Technical Specifications. (Mechanical Means)	Cum	3,336.77	
7		Pavement			
7.1	10.3.A	Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers as per Drawing and Technical Specifications.	Cum	24,795.76	
7.2	12.1 A	Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and Technical Specifications.	Cum	35,991.96	
7.3	12.7	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing , watering and compacting to form a layer of sub-base/Base course as per Drawing and Technical Specifications.	Cum	22,597.56	
7.4		Wearing Course Works			
а	13.2 A	Prime Coat, Prime Coat, with MC 30 / 70 by Mechanical Means, Providing and applying prime coat with Hot Bitumen (including cutter) on prepared surface of granular base including cleaning of road surface and spraying by mechanical means as per Technical Specification ., Bitumen (cutback) MC 30 (for stabilized soil base/ crusher run macadam)	ltr	135,995.69	
b	13.2 A	Providing and applying tack coat with hot Bitumen at specified rate on the prepared non-bituminous surfaces including cleaning as per Technical Speciation	ltr	81,597.41	
с	13.6	Providing and laying Bituminous concrete/ Asphalt concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler as per Drawing and Technical Specifications	Cum	7,532.52	
		grading, premited with ordanimous binder and mer de per brawing and recrimed operindations			
8		Road Furnitures and Traffic Safety Measures			
8.1	15.2	Providing and fixing of retro-reflectorized warning, Regulatory and informatory sign as per specification clause 1501 made of high intensity grade sheeting, fixed over aluminum sheeting,1.5mm thick supported on a 50mm internal dia steel tube or mildsteel angle iron post 75mmx40mmx6mm firmily fixed to the ground by means of properly desiged foundation with M10/40 grade cement concrete30cmx30cm,30cm below ground level or as per Drawing and Technical Specifications all complete, as per specification (SS/SP-1501) and instruction of Engineer.	No.	0.00	
8.3	15.9	Providing and laying of hot applied thermoplastic compound at least 2mm thick including reflecto rizing glass beads as per DOR Traffic sign manual/Specifications. The finished surface to be level, uniform and free from streaks and holes (SP/SS 1504,15.9).	Sqm	0.00	
8.4	15.01.b	Supplying and erecting traffic sign in place including 50mm dia. Steel tube, 2mm. thick steel plate, cement concrete, painting, writing and supporting steel angle nut and boilt etc. complete a) 60cm. Dia. Circular, 60cm. equilateral traingle and 60cm.x45cm. rectangular shaped sign (single post).	No.	0.00	
8.5	15.11 II	Supplying and placing RCC Standard Kilometer stone post (placed at each km distance) including excavation, backfilling, painting and writing etc. all complete, as per specification (SS/SP-1506) and instruction of Engineer.	No.	0.00	
8.6	15.1	Supplying and fixing in place RCC delineator and guard post including excavation, back filling, painting and erection etc. all complete as per specification (SS/SP-1504) and instruction of Engineer. Providing and erecting "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal	No.	0.00	
8.7	15.4A	beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level fixed on ISMC Series channel vertical post, 150*75*5 mm spaced 2 m c/c, 1.8 m high, 1.1 m below ground/road level, all sheet paetsand fitment to the galvanized by hot dip process, all fittings to confirm to IS 1367 and IS 1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150*75*5mm, 330 mm long, all complete (IRC- 7.08)	Rm	6,839.21	
9		Bio Engineering Works			
9.1		Construction of hedge brushlayer	RM	0.000	
9.2		Construction of brushlayer	RM	0.000	+
9.3 9.4		Grass slip plantation on >60° slope @ 100 drills/sqm Plantation of large sized stature grass slips at slope <45° @ 20 slips/sqm	sqm	0.000	+
9.4		Plantation of large sized stature grass slips at slope <45 @ 20 slips/sqm Plantation of large sized stature grass slips at slope 45- 60° @ 20 slips/sqm	sqm sqm	0.000	+
9.6		Tree plantation in plains with tree guard	nos	0.000	
9.7		Shrub Plantation on slope <30°	nos	0.000	
9.8		Hedge Row Plantation (4 plants/RM)	RM	0.000	
9.9		Grass seed sowing <40°	sqm	0.000	
10		Schedule of Day Works			

S.No.	Norms no.	Description of Works	Unit	Quantity	Remarks
1	2	3	4	5	6
10.1.1		Skilled Labour	pd	20.00	
10.1.2		Unskilled Labour	pd	50.00	
10.2		Materials			
10.2.1		RCC Pipe 300 mm dia. (NP3)	m	10.00	
10.2.2		GI Pipe, 50 mm dia. (Heavy) and Fittings	m	10.00	
10.2.3		HDPE Pipe, 110 mm dia (4kg/cm2)	m	50.00	
10.2.4		HDPE Pipe, 150 mm dia (6kg/cm2)	m	300.00	
10.2.5		HDPE Pipe, 250 mm dia (10kg/cm2)	m	20.00	
10.2.6		Sand	m3	5.00	
10.2.7		Stone / Boulder	m3	5.00	
10.2.8		Cement	mt	0.50	
10.3		Equipment and Machineries			
10.3.1		Tipper/Truck	Hour	5.00	
10.3.2		Excavator,Track	Hour	5.00	
10.3.3		Back Hoe Loader	Hour	15.00	
10.3.4		Loader	Hour	5.00	
10.3.5		Motor Grader	Hour	5.00	
10.3.6		Roller 3 wheel (Up to 12 ton)	Hour	5.00	
10.3.7		Tractor	Hour	5.00	