

**CCF Thane to Nodal APCCF,  
Nagpur**



महाराष्ट्र शासन  
वनविभाग



मुख्य वनसंरक्षक (प्रा.), ठाणे वनवृत्त, ठाणे यांचे कार्यालय  
मायक्रो वेव्ह टॉवर, बारा बंगला एरिया, कोपरी कॉलनी ठाणे पूर्व, पिन- 400 603  
दुरध्वनी क्रमांक - 022-25329642 / 25329865

Email: [ccftthane@mahaforest.gov.in](mailto:ccftthane@mahaforest.gov.in) / [ccftthane@gmail.com](mailto:ccftthane@gmail.com)

जा.क्र.कक्ष-10/वसं/प्र.क्र.67/(16-17)/ 234 /2024-25

दिनांक- ०९ /10/2024.

पत्र

प्रति,

अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी,  
महाराष्ट्र राज्य, नागपूर.

विषय :- Diversion of 16.6846 ha. forest land for Proposed 3<sup>rd</sup> Railway Line between Kalyan to Kasara Stations of 67.62 km. in Ulhasnagar, Kalyan & Shahapur Talukas of Thane District in the State of Maharashtra.

- संदर्भ :- 1) केंद्रशासन पत्र क्र.FC-II/MH-219/2023-NGP/13374, दि.19.07.2024.  
2) आपलेकडील पत्र क्र. कक्ष-17/नोडल/ठाणे/आयडी-41780/1442, दि.18.09.2024.  
3) उप वनसंरक्षक, शहापूर यांचे पत्र क्र. कक्ष-6(3)/20/जमिन/852, दि.07.10.2024.

उप मुख्य अभियंता (बांधकाम), मध्य रेल्वे यांचा विषयांकित प्रस्ताव उपवनसंरक्षक, ठाणे व शहापूर यांचे विभागाकडून कार्यान्वित आहे. सदर प्रस्तावास संदर्भित पत्र क्र. 1 अन्वये केंद्र शासनाने तत्वतः मान्यता प्रदान केली आहे. त्यानुषंगाने उप वनसंरक्षक, शहापूर कार्यालयाकडून आपले कार्यालयाचे मान्यतेकरीता Demand Note देण्यात आली होती. परंतु सदर Demand Note पत्रासह कोणतीही योजना सादर केलेली नसल्याचे संदर्भित पत्र क्र. 2 अन्वये उप वनसंरक्षक, शहापूर कार्यालयास कळविणेत आलेले आहे.

त्यानुषंगाने उप वनसंरक्षक, शहापूर यांनी संदर्भित पत्र क्र. 3 अन्वये विभागीय वन अधिकारी, हिंगोली यांनी तयार केलेली Demand Note प्रमाणे तेवढ्याच रक्कमेची पर्यायी वनीकरण व सिमांकन पिलर्स योजना / अंदाजपत्रक या कार्यालयास सादर केले आहे. सदर योजना / अंदाजपत्रक पुढील आवश्यक त्या कार्यवाहीस्तव यासोबत जोडून सादर करण्यात येत आहेत.

सहपत्र :- वरीलप्रमाणे.

K.P. = 9/10/24  
(के. प्रदिपा)

मुख्य वनसंरक्षक (प्रा.), ठाणे

प्रतिलिपी :- उपवनसंरक्षक शहापूर माहिती व आवश्यक त्या कार्यवाहीस्तव अग्रेषित.

प्रतिलिपी :- उप मुख्य अभियंता, (C), घाटकोपर मध्य रेल्वे, घाटकोपर, मुंबई यांजकडे माहिती व आवश्यक त्या कार्यवाहीस्तव अग्रेषित.

**DCF Shahapur to CCF Thane**



महाराष्ट्र शासन  
• वन विभाग •



दुरध्वनी क्रमांक : 02527/272096

फॅक्स क्रमांक : 02527/272096

ईमेल : dcfshahapur@gmail.com

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उप वनसंरक्षक, शहापूर वनविभाग, शहापूर यांचे कार्यालय

शहापूर-आसनगांव रोड, जूना आगारोड, आसनगांव, मु.पो.ता. शहापूर, जि. ठाणे 421 601

क्रमांक - कक्ष-6(3)/20/जमीन/ 1204-25

दिनांक 10 / 10 / 2024

प्रति,

मुख्य वनसंरक्षक (प्रा),  
ठाणे

विषय:- Proposal for diversion of 16.6846 ha. forest land for construction of 3<sup>rd</sup> Railway Line between Kalyan to Kasara stations of 67.62 km in Ulhasnagar, Kalyan & Shahapur Talukas In Thane District In the state of Maharashtra (FP/MH/RAIL/41780/2019)

संदर्भ:- 1.केंद्र शासनाचे पत्र क्रमांक. FC-I/MH-219/2023-NGP/3374, dated 19/7/2024

2. या कार्यालयाचे पत्र क्रमांक कक्ष-6(3)/20/जमीन/1328, दिनांक 25/7/2024

3. विभागीय वन अधिकारी, हिंगोली यांचे कार्यालयाकडील पत्र क्रमांक एफसीए/जमीन/740, दिनांक 29/7/2024

4. या कार्यालयाचे पत्र क्रमांक कक्ष-6(3)/20/जमीन/1420, दिनांक 31/7/2024

5. विभागीय वन अधिकारी, हिंगोली यांचे कार्यालयाकडील पत्र क्रमांक एफसीए/जमीन/930, दिनांक 16/8/2024

6. या कार्यालयाचे पत्र क्रमांक कक्ष-6(3)/20/जमीन/1975 दिनांक 20/8/2024

7. अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, म.रा. नागपूर यांचे कार्यालयाकडील पत्र क्रमांक कक्ष-17/नोडल/ठाणे/आयडी-41780/1442, दिनांक 18/9/2024

8. या कार्यालयाचे पत्र क्रमांक कक्ष-6(3)/20/जमीन/2372, दिनांक 25/9/2024

9. विभागीय वन अधिकारी, हिंगोली यांचे कार्यालयाकडील पत्र क्रमांक एफसीए/जमीन/1220, दिनांक 4/10/2024

विषयांकित प्रकरणी कल्याण - कसारा दरम्यान तिसरी रेल्वे लाईन टाकणेकामीएकूण 16.6846 हे.आर. वनसंवर्धन अधिनियम 1980 अंतर्गत वनजमीन वळतीकरण प्रस्तावास केंद्र शासनाकडून संदर्भ क्रमांक 1 अन्वये तत्वतः मंजूरी देण्यांत आलेली आहे. सदर तत्वतः मंजूरी पत्रातील अटी व शर्तीनुसार प्रकल्प यंत्रणेने पर्यायी वनीकरणासाठी मोजे भोसी ता. कळमपुरी जि. हिंगोली येथील सर्व्हे नंबर 56 मधील 17.00 हे. वनेतर क्षेत्र उपलब्ध करून दिलेले आहे. सदर क्षेत्रामध्ये पर्यायी वनीकरणाची योजना मॉडेल नंबर 5 नुसार योजना प्रस्तावात समाविष्ट केलेली आहे. परंतु सदरची योजना सन 2024-25 चे दरानुसार प्रस्तावात समाविष्ट केल्याचे दिसून येत नाही. त्यामुळे सदर क्षेत्रामध्ये पर्यायी वनीकरणाची योजना मॉडेल नंबर 5 सन 2024-25 नुसार तयार करून या कार्यालयास अद्येक्षित करणेबाबत विभागीय वनअधिकारी, हिंगोली यांना संदर्भ क्रमांक 2 अन्वये सूचित करण्यात आलेले होते.

त्या अनुषंगाने विभागीय वनअधिकारी, हिंगोली यांनी सन 2024-25 चे दरपत्रकानुसार (Ready Recknor) नुसार मॉडेल नंबर 5 नुसार 17.00 हे.आर. क्षेत्रा मध्ये पर्यायी वनीकरणासाठी रक्कम रुपये 1,43,67,176/- व सिमांकन व पिलर्स

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लावणेसाठी रक्कम रुपये 3,89,800/- आवश्यक असल्याबाबतचा तपशिल संदर्भ क्रमांक 3 अन्वये या कार्यालयास कळविलेला होता. त्यास अनुलक्षून संदर्भ क्रमांक 4 अन्वये प्रकल्प यंत्रणेस सदर रक्कमेचा भरणा करणेकामी कळविण्यांत आलेले होते. तसेच सदर मागणीपत्रास अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, म.रा. नागपूर यांनी दिनांक 14/8/2024 रोजी मंजूरी दिलेली असलेबाबत संदर्भ क्रमांक 7 अन्वये निदर्शनास येत आहे. त्या अनुषंगाने प्रकल्प यंत्रणेने सदरची रक्कम कॅम्पाकडे ऑनलाईन भरणा केलेली आहे.

तथापी विभागीय वनअधिकारी, हिंगोली यांनी सुधारीत पर्यायी वनीकरणासाठी रक्कम रुपये 1,52,83,287/- व सिमांकन व पिलर्स लावणेसाठी रक्कम रुपये 4,89,400/- आवश्यक असल्याबाबत या कार्यालयास संदर्भ क्रमांक 5 अन्वये कळविलेले होते.

त्या अनुषंगाने कॅम्पाकडे ऑनलाईन प्रणालीव्दारे संदर्भ क्रमांक 3 अन्वये कळविण्यांत आलेली रक्कम व सुधारीत रक्कम यामधील फरकाची पर्यायी वनीकरणासाठी रक्कम रुपये 9,16,111/- व सिमांकन व पिलर्स लावणेकामी रक्कम रुपये 99600/- असे एकूण 10,15,711/- (अक्षरी रक्कम रुपये दहा लाख पंधरा हजार सातशे अकरा मात्र) भरणा करणेबाबत प्रकल्प यंत्रणेस संदर्भ क्रमांक 6 अन्वये कळविण्यांत आलेले आहे.

त्यास अनुलक्षून प्रकल्प यंत्रणेने सुधारीत पर्यायी वनीकरणाची व सिमेंट पिलर्स लावणेकामी फरकाची रक्कम भरणा करणेकामीचे मागणीपत्रास (Demand Note) अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, महाराष्ट्र राज्य, नागपूर यांची मान्यता मिळणेकामी प्रकल्प यंत्रणेने परिवेश पोर्टलवर पाठविलेले आहे. त्यास अनुलक्षून अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, म.रा. नागपूर यांनी सदर Demand Note चे अनुषंगाने सुधारीत पर्यायी वनीकरणाची योजना व सिमेंट पिलर्स लावणेची योजना तात्काळ त्यांचे कार्यालयास सादर करणेबाबत या कार्यालयास संदर्भ क्रमांक 7 अन्वये कळविलेले आहे.

त्यास अनुलक्षून संदर्भ क्रमांक 5 अन्वये या कार्यालयास कळविलेनुसार सुधारीत रक्कमेचे अनुषंगाने पर्यायी वनीकरणाची योजना व सिमेंट पिलर्स लावणेची योजना तयार करून तात्काळ या कार्यालयास अग्रेषित करणेकामी विभागीय वनअधिकारी, हिंगोली यांना कळविलेले होते.

प्रकरणी विभागीय वन अधिकारी हिंगोली यांनी सुधारीत पर्यायी वनीकरणासाठी रक्कम रुपये 1,52,83,287/- व सिमांकन करून सिमेंट पिलर्स लावणेकरिता रक्कम रुपये 4,57,500/- आवश्यक असलेबाबत योजनेचे अंदाजपत्रक तयार करून या कार्यालयास संदर्भ क्रमांक 9 अन्वये अग्रेषित केलेले आहेत. तरी सदरचे पर्यायी वनीकरणाची योजना व सिमांकन करून पिलर्स लावणे योजना अंदाजपत्रक पुढील कार्यवाहीसाठी आपले कार्यालयास 4 प्रतीत यासोबत सादर करण्यांत येत आहेत.

सहपत्र:- वरीलप्रमाणे

(दिपेश मल्होत्रा)

उपवनसंरक्षक

शहापूर वनविभाग, शहापूर

प्रतिलिपी : अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, म.रा. नागपूर यांना संदर्भ क्रमांक 7 अन्वये माहिती तथा उचित कार्यवाहीसाठी सविनय सादर.

प्रतिलिपी : विभागीय वन अधिकारी, हिंगोली यांना माहिती तथा उचित कार्यवाहीसाठी सस्नेह अग्रेषित.

प्रतिलिपी : उप मुख्य अभियंता (बांधकाम), मध्य रेल्वे रिझर्वेशन ऑफिसच्या पाठीमागे, जवाहर मार्ग, घाटकोपर (पश्चिम), मुंबई - 400 077 यांचेकडे माहिती तथा उचित कार्यवाहीसाठी सस्नेह अग्रेषित.

# **Hingoli Forest Division to DCF Shahapur**



## विभागीय वन अधिकारी वन विभाग हिंगोली यांचे कार्यालय



रेल्वेक्रासिंगजवळ, कळमनुरीरोड हिंगोली, जि. हिंगोली-४३१५१३  
दुरध्वनी क्र. ०२४५६-२२१३६२ Email-dfohingoli@mahaforest.gov.in

जा.क्र.ब/हिंवि/जमीन/ 1220 /सन २०२४-२५

हिंगोली-४३१५१३ दिनांक: ०१ / १०/२०२४

प्रति,

उप वनसंरक्षक

शहापुर वन विभाग, शहापुर

विषय :- Diversion of १६.६८४६ ha. Forest land for Proposed ३<sup>rd</sup> Railway Line between kalyan to kasara station of ६७.६२ km. in Ulhasnagar, Kalyan & Shahuapur Taluka of Thane District in the State of Maharashtra. वनजमीन ठाणे कल्याण ते कसारा दरम्यान रेल्वे लाईन करिता ठाणे जिल्ह्यातिल १६.६८४६ हे. आर वनजमीन वळती करण्याबाबत.

- संदर्भ :- १. मा. भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालया, क्षेत्रीय कार्यालय, म.रा. नागपूर यांचे कार्यालयातील पत्र क्र. जा.क्र.एफ.नं./एफसी-II/एमएच-२१९/२०२३/एनजीपी/१३३७/ दि. १९.०७.२०२४
२. मा. उपवनसंरक्षक (प्रा) शहापुर यांचेकडील पत्र क्र. जा.क्र. कक्ष-१३/३/२०/जमीन/१३२८/२०२४-२५ दिनांक २५.०७.२०२४
३. मा. अपर प्रधान मुख्य वनसंरक्षक (वनबल प्रमुख) म.रा. यांचे पत्र क्र. कक्ष- १७/मुले/अंदाजपत्रक /प्र.क्र.४०/११२७/२०१९-२० दिनांक ०४.१०.२०१९
४. या कार्यालयातील पत्र क्र. जा.क्र.एफसीए/जमीन/७४०/२०२४-२५ दिनांक २९.०७.२०२४
५. वनपरिक्षेत्र अधिकारी (प्रा), हिंगोली यांचेकडील पत्र क्र. जा.क्र.अ/वपअहि/योजना/३२४/२०२४-२५ दिनांक १६.०८.२०२४.
६. या कार्यालयातील पत्र क्र. ब/हिंवि/जमीन/९३०/२०२४-२५ दिनांक १६.०८.२०२४.
७. आपलेकडील पत्र क्र. कक्ष-६(३)/२०/जमीन/२३७२/२०२४-२५ दिनांक २५.०९.२०२४
८. वनपरिक्षेत्र अधिकारी (प्रा), हिंगोली यांचेकडील पत्र क्र. जा.क्र.अ/वपअहि/योजना/५२१/२०२४-२५ दिनांक ३०.०८.२०२४.

उपरोक्त विषयांकीत प्रकरणी संदर्भ क्र. १ अन्वये सदरील प्रस्तावास केंद्र शासनाची तत्त्वतः मंजूरी प्रदान करण्यात आलेली असून त्या अनुषंगाने आपले कडील संदर्भीय पत्र क्र. २ अन्वये कळविल्याप्रमाणे अट क्र. ३ मध्ये नमुद केल्याप्रमाणे पर्यायी वनीकरणाचे क्षेत्र १७.०० हे. आर करिता संदर्भीय पत्र क्र. ३ नुसार दिलेल्या दरपत्रकाप्रमाणे (Ready Recknor) नुसार मॉडल नं. ५ मधील सन २०२४-२५ चे दर घेतले असता पर्यायी वनीकरणासाठी १७.०० हे. आर क्षेत्राकरिता १७.०० X ८४५१२८.०० = १,४३,६७,१७६.०० रक्कम लागणार असल्याचे कळविले होते. सदरची रक्कम संदर्भ क्र. ३ नुसार दिलेल्या दरपत्रकाप्रमाणे (Ready Recknor) नुसार कळविण्यात आलेली होती.

परंतु संदर्भ क्र. ५ व ८ अन्वये वनपरिक्षेत्र अधिकारी यांनी सुधारीत अंदाजपत्रकासह पर्यायी वनीकरणाचे अंदाजपत्रक या कार्यालयास सादर केल्याप्रमाणे रोपवनासाठी रक्कम रु. १,५२,८३,२८७.०० व सिमांकन करून सिमेंट पिलर्स लावणे करित एकुण रक्कम रु. ४,५७,५००.०० आहे. सुधारीत अंदाजपत्रके या सोबत जोडून सादर करण्यात येत आहे सहपत्र :- वरील प्रमाणे.

(डॉ. आर. पी. नाळे)  
विभागीय वन अधिकारी  
वन विभाग हिंगोली

प्रतिलिपी - मा. वनसंरक्षक (प्रा), छत्रपती संभाजीनगर यांना माहितीस्तव सविनय सादर.

प्रतिलिपी - उप मुख्य अभियंता (वांधकाम), मध्य रेल्वे रिझर्वेशन यांना माहितीस्ताव तथा आवश्यक त्या कार्यवाहिस्तव सन्नेह अग्रेषित.

# CA Pillars Estimate



महाराष्ट्र शासन  
वन विभाग

प्रधान मुख्य वनसंरक्षक (वनबल प्रमुख), महाराष्ट्र राज्य यांचे कार्यालय

O/o Principal Chief Conservator of Forests (HoFF), Maharashtra State

वनअभियंता, महाराष्ट्र राज्य

Forest Engineer, Maharashtra State

"Van Bhavan" 1<sup>st</sup> Floor, B Wing, Ramgiri Road, Civil Lines, Nagpur 440 001

Phone - 0712-2552557

E-mail - fensngps@rediffmail.com

Website - www.mahaforest.gov.in

क्रमांक :- कक्ष-२४/ वअ/प्रशा-२/तां.मं./ ४४९/२०२४-२५

दिनांक :- ०१/१०/२०२४

प्रति,

विभागीय वनअधिकारी,  
वनविभाग हिंगोली.

विषय : अंदाजपत्रके व नकाशास तांत्रिक मंजूरी प्रदान करणेबाबत.

संदर्भ : आपले पत्र क्र. अ/हिंववि/जमीन/७२१/२०२४-२५ दिनांक. ३०/०९/२०२४.

महाराष्ट्र शासन, महसूल व वनविभाग यांचे शासन निर्णय क्रमांक एमएससी-२०११/प्र.क्र.१७८/फ-५, मंत्रालय मुंबई-३२ दिनांक ३० सप्टेंबर, २०११ अन्वये तसेच सार्वजनिक बांधकाम विभाग शासन निर्णय क्र.विअसु-२०१५/प्र.क्र.२१८/ इमारती-२ मंत्रालय मुंबई ४०००३२ दि. १६ डिसेंबर, २०१५ अन्वये वनअभियंता यांना रु. १०० लक्ष (१ कोटी) पर्यंतच्या अंदाजपत्रकांना तांत्रिक मंजूरी देण्याचे अधिकार प्रदान केल्यानुसार आपलेकडील खालील बांधकामाच्या सविस्तर अंदाजपत्रके व नकाशे यांचे नावासमोर दर्शविलेले रक्कमप्रमाणे तांत्रिक मंजूरी देऊन पुढील योग्य कार्यवाहीसाठी आपणाकडे एका प्रतीत पाठविण्यात येत आहेत.

| अ. क्र. | बांधकामाचे नांव                                                                                                                                                                                                                     | अंदाजपत्रकीय रक्कम रुपये | तांत्रिक मंजूरी क्रमांक व दिनांक |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------|
| 1.      | Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhosi in Hingoli Range of Hingoli Forest Division. (Total Amount Rs.4,57,500/-)                     | रु.4,46,100/-            | वअ/तांमं/८९७ दि.०१/१०/२०२४.      |
| 2.      | Construction of Class-I (7.0 No's) & Class-II (7.0 No's) Permanent Boundary Mark for Boundary Demarcation in Comp. No.476A (RF) in Waranga Beat in Waranga Round in Hingoli Range of Hingoli Division. (Total Amount Rs.1,04,700/-) | रु.1,02,100/-            | वअ/तांमं/८९८ दि.०१/१०/२०२४.      |
| 3.      | Construction of Class-I (15.0 No's) & Class-II (18.0 No's) Permanent Boundary Mark for Boundary Demarcation in Comp. No.476B (RF) in Mahalingi Beat in Hingoli Range of Forest Division, Hingoli (Total Amount Rs.2,35,900/-)       | रु.2,30,100/-            | वअ/तांमं/८९९ दि.०१/१०/२०२४.      |
| 4.      | Construction of Class-I (09.0 No's) & Class-II (09.0 No's) Permanent Boundary Mark for Boundary Demarcation in Comp. No.477A (RF) in Zunzhunwadi Beat in Hingoli Range of Forest Division, Hingoli (Total Amount Rs.1,33,800/-)     | रु.1,30,500/-            | वअ/तांमं/९०० दि.०१/१०/२०२४.      |
| 5.      | Construction of Class-I (11.0 No's) & Class-II (06.0 No's) Permanent Boundary Mark for Boundary Demarcation in Comp. No.474 (RF) in Zunzhunwadi Beat in Hingoli Range of Forest Division, Hingoli (Total Amount Rs.1,38,400/-)      | रु.1,35,000/-            | वअ/तांमं/९०१ दि.०१/१०/२०२४.      |

टिप : १) निविदा काढतवेळी एकाच ठिकाणचे काम एकत्रित करून निविदा काढावी. २) प्रत्यक्ष काम करतांना, त्या त्या कोटि बांधकामाकरिता प्रत्येक लोखंडी सळ्यांची लांबी, त्याच्या व्यास, त्यांची संख्या घेवून त्यानुसार विस्तरपणे लोखंडाचे मोजमाप पुस्तकात नोंदवून त्यांचे एकूण वजन, किलोग्रॅम/प्रतिमीटर प्रमाणे करावी. कोणत्याही परिस्थितीत अंदाजपत्रकात तरतुद केलेल्या डायग्रामाना प्रमाणे मोजमाप नोंदवू नये. ३) जागेवर झालेल्या कामानुसार मोजमाप पुस्तिकेत मोजमाप नोंदविण्यात यावी. ४) उपरोक्त तांत्रिक मंजूरीच्या रक्कमेत Contingencies रक्कमेचा समावेश नाही.

२.०० जागेवरील प्रत्यक्ष बांधकामाबाबत या कार्यालयावर कोणत्याही प्रकारची जबाबदारी राहणार नाही.

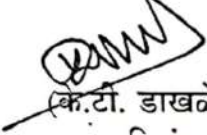
३.०० प्रस्तावित बांधकामे करणेपूर्वी बांधकामे ही ग्रामपंचायत / नगरपंचायत / नगरपालीका / महानगरपालीका इ. क्षेत्रात येत असल्यास त्या क्षेत्रातील सक्षम अधिका-यांची / यंत्रणेची मंजूरी घेवूनच बांधकामे करावीत.

४.०० नकाशा व अंदाजपत्रकाप्रमाणेच प्रत्यक्ष बांधकामे करावीत. त्यात फेरबदल करू नये. अपर प्रदेशाचे मुख्य वनसंरक्षक (अर्थसंकल्प, नियोजन व विकास), महाराष्ट्र राज्य, नागपूर यांचे पत्र क्रमांक कक्ष-२४/वअ/प्रशा-४/४७६/२०१४-१५, दिनांक ०४/०९/२०१४ अन्वये योग्य ती कार्यपद्धती वापरून बांधकामे पूर्ण करण्यात यावीत.

वनसंवर्धन अधिनियम १९८० च्या वनकायद्याचा भंग होणार नाही. तसेच Central Zoo of Authority (CZA) नि ठरवून दिलेल्या नियमाचा भंग होणार नाही या अटीवर वरील कामास मंजूरी देण्यात आलेली आहे.

५.०० बांधकामाच्या प्रगतीप्रमाणे वनक्षेत्रपाल यांनी वळोवेळी मोजमापे घेऊन ती मोजमाप पुस्तकात (नमुना क्रमांक ४५) जागेवरच नोंदवावीत. अशी मोजमापे सहायक वनसंरक्षक यांनी १०% व उपवनसंरक्षक यांनी ५% तपासणे आवश्यक आहे. सर्व बांधकाम आवश्यक त्या गुणवत्तेचे व दर्ज्याचे झाले पाहिजे. अखेरीस नमुना क्रमांक ३३ मध्ये पूर्णत्व अहवाल तयार करून तीन महिन्यांच्या आत वरिष्ठांना सादर करावा आणि इमारतीच्या नोंदवहीत तशी नोंद करावी.

सहपत्र : नकाशे व अंदाजपत्रके एक प्रतित.

  
(क.टी. डाखळे)  
वनअभियंता,  
महाराष्ट्र राज्य, नागपूर.

प्रतिलिपी :- वनसंरक्षक (प्रा.) छत्रपती संभाजीनगर वनवृत्त, यांना माहितीस सविनय सादर



**GOVERNMENT OF MAHARASHTRA**  
**FOREST DEPARTMENT**



**HINGOLI DIVISION.**  
**HINGOLI RANGE.**

**DETAIL ESTIMATE**

**GPS READING**

N -  
E -

**Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.**

**Work Portion Amount Rs. 446100.00**

**Grand Total Amount Rs. 457500.00**

## FACE SHEET

Division :- Hingoli Division  
Sanction Estimate :-  
Fund Head :-  
Major Head :-  
Minor Head :-  
Service Head :-  
Departmental Head :-

Estimate framed in the office of the Range Forest Office, Hingoli Range in Hingoli Division and the probable expenses that will incurred in the Construction of Class-I & Class-II Permanent Boundary Mark for Boundary Demarcation

Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation In F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.

Work Portion Amount Rs. 446100.00

Grand Total Amount Rs. 457500.00

Administrative approved under No.

Dated

Technically sanctioned under No.

Dated

Estimate prepared by Shri

Estimate Checked by Shri

Call of Authority Divisional Forest Officer, Hingoli Division

Note:-1 As per the Govt. of Maharashtra Revenue and forest Department's notification Royalty charges Rs 600/Brass,i.e.Rs 211.95/Cum.agency will have to produce documentary evidences to the concerned executive engineer or concern authority.as regards payment made by agency to revenue department toward royalty charges. If such documentary evidence is not produced to the to the concerned executive engineer or concern authority the componant of royalty charges as contemplated in the item shall not be paid to the agency.as per the note in DSR royalty charges are included in the respective all item and supply of natural minarals i.e.Rubble,Metal,Sand,Murrum etc.Hence deduction for the same is made from the agency.

Note:- 1 Follow the instruction given by Principal chief Conservator of forest (PCCF) M.S.Nagpur wide his circular NO.D-27/2/Cr.86/682/2019-20 Dtd.27-01-2020 for Forest Boundary Demarcation and Errection of Permanent Boundary Marks.

General Description as per separate sheet attached

MAI  
RFO  
Range Forest Officer  
(T.) Hingoli

ACF

  
Divisional Forest Officer  
Hingoli Division, Hingoli.

## GENERAL REPORT

Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.

Work Portion Amount Rs. 446100.00

Grand Total Amount Rs. 457500.00

Authority Divisional Forest Officer, Hingoli Division

Necessity Demarcation of the outer boundary of compartment (forest land boundary) is essential. Hence this estimate is prepared.

Provision Following provision are made in this Estimate.

- ✓ 1 Clearing the site before given layout
- ✓ 2 Excavation 0.23mt below ground level in soft & hard murrum.
- ✓ 3 Providing and laying in situ, cement concrete M-10/(1:3:6)
- ✓ 4 Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:4
- ✓ 5 Providing and applying two coats of flat oil paint of approved colour
- ✓ 6 Painting letters upto 20 cm height complete
- ✓ 7 Providing and applying two coats of exterior weather shield paint

Rates Rates adopted in the Estimate are as per SSR 2022-23 w.e.f 25-07-2022

Specification The work will be carried out as per standard specification of Public Work Department, and as directed by Engineer-in-charge from time to time

Lead Lead for Material Considered in Estimate is Given by RFO, Hingoli

### Important issues for State Schedule of Rates Section A - General Notes.

#### iv) Taxes and Govt. Circulars.

a) Material Rates are exclusive of GST (Goods & Service Tax). Rates for completed items are also exclusive of GST. While preparing the estimates, separate provision for GST shall be made in recapitulation sheet

b) As per Govt. Circular No.SSR - 1090/CR-6453/PLN-3 Dt. 14.07.1993 and as per GR of Industries and power Department No. BCA-2009/CR-108/Labour 7-A dated 17.06.2010, Labour Cess at 1% has been considered separately in Rate Abstracts

v) The Government of Maharashtra, Revenue and Forest Departments Gazette No.67 Dt.15 May 2015, States that the Royalty charges of Rs. 600/- Per Brass (i.e. Rs.211.95 /cum.) are to be considered. The surcharge levied on Royalty shall also be payable to the contractor in following manner. Royalty charges on all minor minerals do not form part of Rate Abstract and shall be reimbursed separately on production of proof to that effect. The Superintending Engineer, Shall be modify and circulate Royalty charges in case of any modification are made by Govt. of Maharashtra. Royalty charges against estimated quantity shall be included in Recapitulation sheet.

vi) For crusher metal separate royalty charges shall not be considered as it is a finished product. In SSR for Items of Completed lte Rates which are inclusive of Material i.e. Rubble, urum, Soil, 60mm /40mm Metal (Hand Broken) Royalty Charges are not Included in the rates. Prevalent Royalty Charges Including Surcharge shall be Separately Considered while preparing the Estimate and shall be part of Schedule -B of Tender. Any revision in Royalty Charges and Surcharge shall be included in the rate analysis of the respective item. If there is variation in these rates the difference shall be paid extra over the items to the contractor and shall be recovered if these rates are reduced by Govt. i.e. Revenue Department.

### Section B - Instructions for preparing estimate.

1A) As per revised circular issued by Dy. Directorate of Insurance Maharashtra State vide letter No. क्र. प्रविनी - 2314/ देयक कपात रक्कम/ संकीर्ण अभि-3, दिनांक 31/03/2015, Insurance towards labour is not considered in rate abstract of SSR items. Provision for the same shall be made in the recapitulation sheet as follows.

- a) Work value upto :- 25.00 Lakhs - 0.50%
- b) Work value above :- 25.00 Lakhs - 1.00%

1B) As per revised circular issued by Dy. Directorate of Insurance Maharashtra State vide letter No. क्र. प्रविनी - 2314/ देयक कपात रक्कम/ संकीर्ण अभि-3, दिनांक 31/03/2015, Insurance towards labour is not considered in rate abstract of SSR items. Provision for the same shall be made in the recapitulation sheet as follows.

xvii) While preparing Estimate, actual and practical distance of worksite from quarries shall be taken and adequate quantity of good quality material shall be ascertained by concerned Executive Engineer. Extra care shall be taken in case of lead of murum and sand.

xviii) Provision shall be made for taking Photographs, Video Shooting, load testing etc. separately in detail estimate and shall form part of Schedule B.

### Section C - Testing of Materials

- i) Laboratory testing charges are not considered in the Rate Abstracts. Wherever required separate item shall be taken in the estimate for material testing charges, on the basis of testing frequency and charges fixed by Vigilance & Quality Control Circle, for the current year and shall form part of Schedule B of tender
- ii) For Specific tests like span load tests, plate/ pile load test etc. which are not included in the rate analysis of item, the rates for these tests shall be prepared on the basis of rates approved by M.E.R.I./ any competent Institute of Govt. of Maharashtra or Govt. of India.

### Section D - Instructions for tender Clause

i) The contractor shall produce the work insurance policy, the same will be reimbursed to the contractor. If contractor fails to produce the work insurance policy, Concerned Executive Engineer shall draw the policy, the expenditure incurred for drawing the policy shall be recovered from the 1st R.A. bill of the contractor as penalty to the Contractor.

ii) If completion period of work is Extended, then period of work Insurance must be renewed/ extended as per requirement

### General Note for Execution of Work

For all items of Maintenance for Road, Buildings and Bridges - Photographs showing initial conditions and Photographs showing conditions after execution if that particular item should be attached with Measurement book. Provision of Such items expenditure shall be made in estimate itself or through contingencies.

**CERTIFICATE-** The Estimate is 100% arithmetically checked by me and found to be correct.

Range Forest Officer  
(T.) Hingoli

ACF

Divisional Forest Officer  
Hingoli Division, Hingoli.

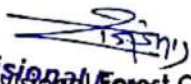
Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.

### RECAPITULATION SHEET

| Sr. No. | ITEM OF WORK                                                      | AMOUNT (Rs.)               |
|---------|-------------------------------------------------------------------|----------------------------|
| A       | Total Work Portion Amount for Boundary Pillar (Class-I & II)      | Rs. 370705.00 ✓            |
| B       | Add Royalty Charges for Boundary Pillar (Class-I & II) Amount     | Rs. 4085.00 ✓              |
| C       | Add Quality Control & Testing Charges for B.Pillar (Class-I & II) | Rs. 2760.00 ✓              |
| D       | Total Amount (A + B + C) = D                                      | Rs. 377550.00 ✓            |
| E       | Add 18.0% For GST On (A)                                          | Rs. 66727.00 ✓             |
| F       | Add 0.50% for Labour Insurance On (A)                             | Rs. 1854.00 ✓              |
| G       | Gross Total Amount Rs (D+E +F)                                    | Rs. 446131.00 ✓            |
|         |                                                                   | <b>Say Rs. 446100.00</b> ✓ |
| H       | Add 3.0% Contingencies On <del>(A)</del> (D)                      | Rs. 11327.00 ✓             |
| I       | Gross Total Amount Rs (G+H)                                       | Rs. 457458.00 ✓            |
|         |                                                                   | <b>Say Rs. 457500.00</b> ✓ |

MAA  
Range Forest Officer  
(T.) Hingoli

ACF

  
Divisional Forest Officer  
Forest Division, Hingoli

Technically Sanctioned for Rs. 4 46 100/-  
Rs. Four lakh forty six thousand one hundred only/-  
Under this office No. FE/TS/897 dt. 01-10-2024

  
(K. T. DAKHALE)  
Forest Engineer  
Maharashtra State, Nagpur

**Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.**

**ABSTRACT SHEET**

| Sr. No. | ITEM OF WORK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Unit | QTY.    | RATE    | AMOUNT    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|---------|-----------|
| 1       | Removing grass, gazer grass and disposing off out of building premises including making clean the ground by shovel and phavaras etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                               | Sqmt | 111.87  | 6.00    | 671.00    |
| 2       | Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means                                                                                                                                                | Cum  | 17.12   | 207.00  | 3544.00   |
| 3       | Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, com pacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc) | Cum  | 33.31   | 6646.20 | 221385.00 |
| 4       | Providing internal cement plaster 6mm. thick in a single coat in cement mortar 1:4 without Neeru finish to concrete surface in all positions, including scaff ing and curing etc. complete.                                                                                                                                                                                                                                                                                                                                                                  | Sqmt | 204.47  | 210.20  | 42980.00  |
| 5       | Providing and applying two coats of flat oil paint of approved colour and shade to internal/external plastered surfaces including scaffolding if necessary, cleaning and pre paring the surface (excluding primer coat) etc. complete.                                                                                                                                                                                                                                                                                                                       | Sqmt | 15.34   | 101.00  | 1549.00   |
| 6       | Painting letters upto 20 cm height complete brushes, coir brushes, dusting, cleaning, including cost of paint etc. complete.                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nos  | 1856.00 | 29.00   | 53824.00  |
| 7       | Providing and applying two coats of exterior weather shield paint of approved manufac ture and of approved colour to the plastered surfaces including cleaning ,preparing the plaster surface ,applying primer coat ,scaffolding if necessary, and watering the surface for two days etc complete. NOTE: For Item No. 15 to 18 prior approval of Superintending Engineer will be necessary                                                                                                                                                                   | Sqmt | 158.48  | 295.00  | 46752.00  |

**Total Work Portion Amount Rs = (A) 370705.00**

MADK  
Range Forest Officer  
(T.) Hingoli

ACF

Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhouli in Hingoli Range of Hingoli Forest Division.

### MEASUREMENT SHEET

Total Nos of Class-I Boundary Mark = 35.00 Nos Length of Boundary = KM  
Total Nos of Class-II Boundary Mark = 23.00 Nos

#### ITEM NO.1

Removing grass, gazer grass and disposing off out of building premises including making clean the ground by shovel and phavaras etc. complete.

As directed by Engineer in charge.

S.S.R. Item No.21.34/Page No.157

For Total No. of Class-I Boundary Piller

For Total No. of Class -II Boundary Piller

|                                      |       |      |      |        |
|--------------------------------------|-------|------|------|--------|
| Sqmt                                 | 35.00 | 1.50 | 1.50 | 78.75  |
| (A) Net Qty. for Class-I Piller      |       |      |      | 78.75  |
| Sqmt                                 | 23.00 | 1.20 | 1.20 | 33.12  |
| (B) Net Qty. for Class-II Piller     |       |      |      | 33.12  |
| Net Qty.For Class-I & II Piller(A+B) |       |      |      | 111.87 |

#### ITEM NO. 2

Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading, as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means

Spec.No. :Bd.A1 Page No.259

S.S.R. Item No.21.02/Page No.153

For Total No. of Class-I Boundary Piller

For Total No. of Class -II Boundary Piller

|                                      |       |      |      |      |       |
|--------------------------------------|-------|------|------|------|-------|
| Cum                                  | 35.00 | 1.10 | 1.10 | 0.30 | 12.71 |
| (A) Net Qty. for Class-I Piller      |       |      |      |      | 12.71 |
| Cum                                  | 23.00 | 0.80 | 0.80 | 0.30 | 4.42  |
| (B) Net Qty. for Class-II Piller     |       |      |      |      | 4.42  |
| Net Qty.For Class-I & II Piller(A+B) |       |      |      |      | 17.12 |

#### ITEM NO-3

Providing and laying Cast In situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI Grade finely washed etc)

Spec.No. :Bd. E. 1 Page No. 287

S.S.R. Item No.24.01/Page No.175

For Total No. of Class-I Boundary Piller

For Trapezoidal Area

Volume of Piller =  $H/3 (A1+A2+ \sqrt{A1A2})$

$A1=0.60 \times 0.60 = 0.36$  Sqmt,  $A2=0.90 \times 0.90 = 0.81$  Sqmt,  $H = 1.30$  mt

For Pedastal at top

|                                                           |       |      |       |      |       |
|-----------------------------------------------------------|-------|------|-------|------|-------|
| $(1.30/3) \times \{(0.36+0.81+\sqrt{0.36 \times 0.81})\}$ |       |      |       |      |       |
| Cum                                                       | 35.00 |      | 0.741 |      | 25.94 |
| Cum                                                       | 35.00 | 0.23 | 0.23  | 0.23 | 0.43  |
| (A) Net Qty. for Class-I Piller                           |       |      |       |      | 26.36 |

Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.

### MEASUREMENT SHEET

Total Nos of Class-I Boundary Mark = 35.00 Nos Length of Boundary = KM

Total Nos of Class-II Boundary Mark = 23.00 Nos

| ITEM OF WORK                                                                 | Unit | NO                                      | L    | B     | D/H  | QTY. |
|------------------------------------------------------------------------------|------|-----------------------------------------|------|-------|------|------|
| For Total No. of Class -II Boundary Pillar                                   |      | (1.05/3) x {(0.20+0.36+√(0.20 x 0.36))} |      |       |      |      |
| For Trapezoidal Area                                                         | Cum  | 23.00                                   |      | 0.290 |      | 6.67 |
| Volumn of Pillar = $H/3 (A_1+A_2+ \sqrt{A_1A_2})$                            |      |                                         |      |       |      |      |
| $A_1=0.45 \times 0.45 = 0.20$ Sqmt, $A_2=0.60 \times 0.60 = 0.36$ Sqmt, $H'$ |      |                                         |      |       |      |      |
| $=1.05$ mt                                                                   |      |                                         |      |       |      |      |
| For Pedastal at top                                                          | Cum  | 23.00                                   | 0.23 | 0.23  | 0.23 | 0.28 |

(B) Net Qty. for Class-II Pillar 6.95

Net Qty. For Class-I & II Pillar(A+B) 33.31

#### ITEM NO.4

Providing internal cement plaster 6mm. thick in a single coat in cement mortar 1:4 without Neeru finish to concrete surface in all positions, including scaff ing and curina etc. complete.

Spec. No. Bd.L.1 Page No. 367

S.S.R. Item No.32.01 /Page No.209

For Total No. of Class-I Boundary Pillar

$4 \times ((0.90+0.60)/2) \times 1.30 = 3.90$

For Top area  $0.60 \times 0.60 = 0.36$

Sqmt 35.00 4.00 0.75 1.30 136.50

Sqmt 35.00 1.00 0.60 0.60 12.60

(A) Net Qty. for Class-I Pillar 149.10

For Total No. of Class -II Boundary Pillar

$4 \times ((0.60+0.45)/2) \times 1.05 = 3.38$

For Top area  $0.45 \times 0.45 = 0.20$

Sqmt 23.00 4.00 0.53 1.05 50.72

Sqmt 23.00 1.00 0.45 0.45 4.66

(B) Net Qty. for Class-II Pillar 55.37

Net Qty. For Class-I & II Pillar(A+B) 204.47

#### ITEM NO.5

Providing and applying two coats of flat oil paint of approved colour and shade to internal/external plastered surfaces including scaffolding if necessary, cleaning and pre paring the surface (excluding primer coat) etc. complete.

Spec.No.: Bd.O.7 Page No. 406

S.S.R. Item No.35.12/Page No.224

For Total No. of Class-I Boundary Pillar

White Oil paint is to be used for painting of top Stone

For Sides

For Top

Sqmt 35.00 1.00 0.92 0.23 7.41

Sqmt 35.00 1.00 0.23 0.23 1.85

(A) Net Qty. for Class-I Pillar 9.26

For Total No. of Class -II Boundary Pillar

White Oil paint is to be used for painting of top Stone

For Sides

For Top

Sqmt 23.00 1.00 0.92 0.23 4.87

Sqmt 23.00 1.00 0.23 0.23 1.22

(B) Net Qty. for Class-II Pillar 6.08

Net Qty. For Class-I & II Pillar(A+B) 15.34

Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.

### MEASUREMENT SHEET

Total Nos of Class-I Boundary Mark = 35.00 Nos Length of Boundary = KM

Total Nos of Class-II Boundary Mark = 23.00 Nos

ITEM OF WORK

Unit NO L B D/H QTY.

#### ITEM NO.6

Painting letters upto 20 cm height complete brushes, coir brushes, dusting, cleaning, including cost of paint etc. complete.

Spec.No.: MORTH 801

S.S.R. Item No.6.05/Page No.46

For Total No. of Class-I Boundary Piller

Nos 35.00 4.00 8.00 1120.00

(A) Net Qty. for Class-I Piller 1120.00

Nos 23.00 4.00 8.00 736.00

(B) Net Qty. for Class-II Piller 736.00

Net Qty.For Class-I & II Piller(A+B) 1856.00

#### ITEM NO.7

Providing and applying two coats of exterior weather shield paint of approved manufacture and of approved colour to the plastered surfaces including cleaning, preparing the plaster surface, applying primer coat, scaffolding if necessary, and watering the surface for two days etc complete. NOTE: For Item No. 15 to 18 prior approval of Superintending Engineer will

As directed by Engineer incharge.

S.S.R. Item No.35.26/Page No.225

For Total No. of Class-I Boundary Piller

$4 \times ((0.90+0.60)/2) \times 1.0 = 3.00$

For Top area  $0.60 \times 0.60 = 0.36$

Sqmt 35.00 4.00 0.75 1.00 105.00

Sqmt 35.00 1.00 0.60 0.60 12.60

(A) Net Qty. for Class-I Piller 117.60

For Total No. of Class -II Boundary Piller

$4 \times ((0.60+0.45)/2) \times 1.05 = 3.38$

For Top area  $0.45 \times 0.45 = 0.20$

Sqmt 23.00 4.00 0.53 0.75 36.23

Sqmt 23.00 1.00 0.45 0.45 4.66

(B) Net Qty. for Class-II Piller 40.88

Net Qty.For Class-I & II Piller(A+B) 158.48

MAIC  
RFO

Range Forest Officer  
(T) Hingoli

ACF

Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.

Lead Statement

| Sr.No | Material          | Name of Quarry | Lead In KM | Rate     | Unit         |
|-------|-------------------|----------------|------------|----------|--------------|
| 1     | Metal 6mm to 40mm | Balapur        | 20 KM      | ✓ 488.73 | Cu.M         |
| 2     | Stone /Metal 80mm | Balapur        | 20 KM      | ✓ 468.37 | Cu.M         |
| 3     | Sand              | Dongargaon     | 35 KM      | ✓ 693.47 | Cu.M         |
| 4     | Murum             | Local          | 5 KM       | ✓ 252.22 | Cu.M         |
| 5     | Bricks            | Local          | 10 KM      | ✓ 57.93  | Per 1000 No. |
|       |                   |                |            | ✓ 0.76   | Per 1.0 No.  |
| 6     | Steel             | Hngoli         | 60 KM      | ✓ 12.95  | M.T.         |
| 7     | Cement            | Hngoli         | 60 KM      | ✓ 12.95  | M.T.         |
|       |                   |                |            | ✓ 35.65  | Per Bag      |
| 8     | Flooring Tiles    | Hngoli         | 60 KM      | ✓ 1.30   | Sq.M         |



M. A. S.  
RFO  
Range Forest Officer  
(T.) Hingoli

# Rate Analysis 2024-25

Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.

| Sr. No. | Item No. | Ref. No.  | Description of the item                                                                               | Additional Specification           | Unit | Completed Rate After Deduction of SCADA Rs 126/Cum In Rs. | Deduct 1% of Labour Amenities & other overhead charge & C.Profits, 10% = 21.00% | Sub Total | Add 00% for Naxalite affected Area =00% | ADD CARTING OF MATERIAL AS PER LATEST RATE |        |        |        |       |        | Total Transportation Charges | Add 1% of Labour Amenities & other overhead charge & C.Profits, 10% = 21.00% | Gross Total Amount | Final Rate Adopted |
|---------|----------|-----------|-------------------------------------------------------------------------------------------------------|------------------------------------|------|-----------------------------------------------------------|---------------------------------------------------------------------------------|-----------|-----------------------------------------|--------------------------------------------|--------|--------|--------|-------|--------|------------------------------|------------------------------------------------------------------------------|--------------------|--------------------|
|         |          |           |                                                                                                       |                                    |      |                                                           |                                                                                 |           |                                         | Buld.                                      |        |        | Rd     |       |        |                              |                                                                              |                    |                    |
|         |          |           |                                                                                                       |                                    |      |                                                           |                                                                                 |           |                                         | Metal                                      | 20 KM  | 488.73 |        |       |        |                              |                                                                              |                    |                    |
|         |          |           |                                                                                                       |                                    |      |                                                           |                                                                                 |           |                                         | Bricks                                     | 10 KM  | 0.76   |        |       |        |                              |                                                                              |                    |                    |
|         |          |           |                                                                                                       |                                    |      |                                                           |                                                                                 |           |                                         | 80mm                                       | 20 KM  | 468.37 |        |       |        |                              |                                                                              |                    |                    |
| Sand    | 35 KM    | 693.47    |                                                                                                       |                                    |      |                                                           |                                                                                 |           |                                         |                                            |        |        |        |       |        |                              |                                                                              |                    |                    |
| Murum   | 5 KM     | 252.22    |                                                                                                       |                                    |      |                                                           |                                                                                 |           |                                         |                                            |        |        |        |       |        |                              |                                                                              |                    |                    |
| Cement  | 60 KM    | 35.65     |                                                                                                       |                                    |      |                                                           |                                                                                 |           |                                         |                                            |        |        |        |       |        |                              |                                                                              |                    |                    |
| Steel   | 60 KM    | 712.95    |                                                                                                       |                                    |      |                                                           |                                                                                 |           |                                         |                                            |        |        |        |       |        |                              |                                                                              |                    |                    |
| Tiles   | 60 KM    | 71.30     |                                                                                                       |                                    |      |                                                           |                                                                                 |           |                                         |                                            |        |        |        |       |        |                              |                                                                              |                    |                    |
| Qty     | Amt      | Qty       | Amt.                                                                                                  | Qty                                | Amt  |                                                           |                                                                                 |           |                                         |                                            |        |        |        |       |        |                              |                                                                              |                    |                    |
| 1       | 21.34    | BDW       | Removing grass, gazer grass and disposing off out of building premises                                | As directed by Engineer in charge. | Sqmt | 6.00                                                      | 1.26                                                                            | 4.74      | 0.00                                    |                                            |        |        |        |       |        | 0.00                         | 1.26                                                                         | 6.00               | 6.00               |
| 2       | 21.02    | BDA 1     | Excavation for foundation in earth, soil of all types, sand, gravel and soft murum. (Lift upto 1.5 m) | Bd.A.1 Page No. 259                | Cum  | 207.00                                                    | 43.47                                                                           | 163.53    | 0.00                                    |                                            |        |        |        |       |        | 0.00                         | 43.47                                                                        | 207.00             | 207.00             |
| 3       | 24.01    | BDE 1     | Providing and laying Cast in situ cement concrete in M-10 for foundation and bedding                  | Bd. E. 1 Page No. 287              | Cum  | 5704.00                                                   | 1197.84                                                                         | 4506.16   | 0.00                                    | 0.470                                      | 325.93 | 0.94   | 459.41 | 4.40  | 156.85 | 942.19                       | 1197.84                                                                      | 6646.19            | 6646.20            |
| 4       | 32.01    | BDL 1     | Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:4                    | Bd.L.1 Page No. 367                | Sqmt | 203.00                                                    | 42.63                                                                           | 160.37    | 0.00                                    | 0.0076                                     | 5.27   | 0.00   | 0.00   | 0.054 | 1.92   | 7.19                         | 42.63                                                                        | 210.19             | 210.20             |
| 5       | 35.12    | BDO 7A    | Providing and applying two coats of flat oil paint of approved colour and shade                       | Bd.O.7 Page No. 406                | Sqmt | 101.00                                                    | 21.21                                                                           | 79.79     | 0.00                                    |                                            |        |        |        |       |        |                              | 21.21                                                                        | 101.00             | 101.00             |
| 6       | 6.05     | MORTH 801 | Painting letters upto 20 cm height complete                                                           | MORTH 801                          | Nos  | 29.00                                                     | 6.09                                                                            | 22.91     | 0.00                                    |                                            |        |        |        |       |        |                              | 6.09                                                                         | 29.00              | 29.00              |
| 7       | 35.26    | BDO       | Providing and applying two coats of exterior weather shield paint                                     | As directed by Engineer in charge. | Sqmt | 295.00                                                    | 61.95                                                                           | 233.05    | 0.00                                    |                                            |        |        |        |       |        |                              | 61.95                                                                        | 295.00             | 295.00             |

Range Forest Officer  
(T.) Hingoli

## Royalty Statement

Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.

| Sr.No                                                             | Description of the Item                                                            | Unit | Total Qty. of Item | 80mm. Metal |        | Murum  |        | Sand   |           | Rubble |        |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------|------|--------------------|-------------|--------|--------|--------|--------|-----------|--------|--------|
|                                                                   |                                                                                    |      |                    | Coefi.      | Qty    | Coefi. | Qty    | Coefi. | Qty       | Coefi. | Qty    |
| <b>I</b>                                                          | <b>Royalty Statement For Class -I Boundary Mark</b>                                |      |                    |             |        |        |        |        |           |        |        |
| 1                                                                 | Providing and laying Cast in situ/Ready Mix cement concrete in M-10                | Cum  | 26.36              | 0.00        | 0.00   | 0.00   | 0.00   | 0.470  | ✓ 12.39   | 0.00   | 0.00   |
| 2                                                                 | Providing internal cement plaster 6mm. thick in a single coat in cement mortar 1:4 | Sqmt | 149.10             | 0.00        | 0.00   | 0.00   | 0.00   | 0.0076 | ✓ 1.13    | 0.00   | 0.00   |
| Total Qty.                                                        |                                                                                    |      |                    |             | 0.00   |        | 0.00   |        | ✓ 13.52   |        | 0.00   |
| Royalty Charges per Cum                                           |                                                                                    |      |                    |             | 216.18 |        | 216.18 |        | ✓ 237.37  |        | 216.18 |
| Deduct Royalty Amount Rs.                                         |                                                                                    |      |                    |             | 0.00   |        | 0.00   |        | ✓ 3209.90 |        | 0.00   |
| Total Amount Rs.                                                  |                                                                                    |      |                    |             |        |        |        |        | ✓ 3210.00 |        |        |
| <b>II</b>                                                         | <b>Royalty Statement For Class -II Boundary Mark</b>                               |      |                    |             |        |        |        |        |           |        |        |
| 1                                                                 | Providing and laying Cast in situ/Ready Mix cement concrete in M-10                | Cum  | 6.95               | 0.00        | 0.00   | 0.00   | 0.00   | 0.470  | 3.27      | 0.00   | 0.00   |
| 2                                                                 | Providing internal cement plaster 6mm. thick in a single coat in cement mortar 1:4 | Sqmt | 55.37              | 0.00        | 0.00   | 0.00   | 0.00   | 0.0076 | 0.42      | 0.00   | 0.00   |
| Total Qty.                                                        |                                                                                    |      |                    |             | 0.00   |        | 0.00   |        | ✓ 3.69    |        | 0.00   |
| Royalty Charges per Cum                                           |                                                                                    |      |                    |             | 216.18 |        | 216.18 |        | ✓ 237.37  |        | 216.18 |
| Deduct Royalty Amount Rs.                                         |                                                                                    |      |                    |             | 0.00   |        | 0.00   |        | ✓ 875.24  |        | 0.00   |
| Total Amount Rs.                                                  |                                                                                    |      |                    |             |        |        |        |        | ✓ 875.00  |        |        |
| Total Amount of Royalty for Class-I & Class -II Boundary mark Rs. |                                                                                    |      |                    |             |        |        |        |        | 4085.00   | ✓      |        |

**Name Of Work :- Construction of Class-I (35.0 No's) & Class-II (23.0 No's) Permanent Boundary Mark for Boundary Demarcation in F. Gut No. 56 at Bhousi in Hingoli Range of Hingoli Forest Division.**

NOTE : Provision for laboratory testing charges. For reimbursement of actual amount of testing charges paid by the contractor, he should produce documentary evidences along with laboratory reports from approved registered Govt. Laboratory of Pwd/Engineering College Etc.

Provision of Quality Control Test and Materials Testing Charges (as per CSR Sr.No.9, Page No. iv) Rate as per Vigilance & Quality Control Circle. Schedule of Testing charges for Construction Material used for Government Works for the Year 2022-23 (Effective from 01/07/2022 and valid up to 30.6.2023)

| Name of Tests                                                                                                   | No. of Test | Rate per Test | Frequency | Amount         |
|-----------------------------------------------------------------------------------------------------------------|-------------|---------------|-----------|----------------|
| <b>Testing Charges For Class - I &amp; Class - II Boundary Mark</b>                                             |             |               |           |                |
| <b>1) Basic Test of Cement</b>                                                                                  |             |               |           |                |
| Standard Consistency Finess, Specific Gravity, Setting Time (Initial & Final), Compressive Strength, Soundness. | 0.00        | 3770          | 1.00      | 0.00           |
| <b>2) Basic Test of Aggregate</b>                                                                               |             |               |           |                |
| Water Absorption, Specific Gravity, Impact Value/Crushing Value.                                                | 0.00        | 2600          | 1.00      | 0.00           |
| <b>3) Fine Aggregate</b>                                                                                        |             |               |           |                |
| Fineness Modulus ( Sieve Analysis ), Silt & Clay Content                                                        | 0.00        | 1380          | 1.00      | 0.00           |
| <b>4) For Concrete Work</b>                                                                                     |             |               |           |                |
| Compressive strength of C.C. Cube (Set of 3 Cubes)                                                              | ✓ 4.00      | ✓ 690         | ✓ 1.00    | 2760.00 ✓      |
| <b>Total Amount Rs.</b>                                                                                         |             |               |           | <b>2760.00</b> |

MAH  
RFO  
Range Forest Officer  
(T.) Hingoli

सिमेंट काँक्रीट बुरुज बाबत माहिती सन २०२५-२६

वनवृत्त :- ००.समाजी नगर

वनविभाग:- हिंगोली

वनपरीक्षेत्र:- हिंगोली

| अ. क्र. | वप      | वनक्षेत्र | गावाचे नाव | वनाचे प्रकार   | क.नं.व/ सर्वे क्र. | एकूण वनहद्दीची लांबी व त्यावर उभारवायाचे एकूण सिमेंट काँक्रीट बुरुज लांबी |         |          | एकूण | प्रत्यक्षात लावयावयाचे सिमेंट काँक्रीट बुरुज |         |          | एकूण | शिल्लक हद्दीवर लावयावयाचे सिमेंट काँक्रीट बुरुज |         |          | यापुर्वी यांना तांत्रिक मंजूरी मिळालेली आहे काय ? |         |          |
|---------|---------|-----------|------------|----------------|--------------------|---------------------------------------------------------------------------|---------|----------|------|----------------------------------------------|---------|----------|------|-------------------------------------------------|---------|----------|---------------------------------------------------|---------|----------|
|         |         |           |            |                |                    | लांबी                                                                     | दर्जा-I | दर्जा-II |      | लांबी                                        | दर्जा-I | दर्जा-II |      | लांबी                                           | दर्जा-I | दर्जा-II | लांबी                                             | दर्जा-I | दर्जा-II |
| १       | २       | ३         | ४          | ५              | ६                  | ७                                                                         | ८       | ९        | १०   | ११                                           | १२      | १३       | १४   | १५                                              | १६      | १७       | १८                                                | १९      | २०       |
| १       | २०२४-२५ | हिंगोली   | मोसी       | सखिना (गाथराज) | ५.००               | ५.००                                                                      | ३५      | २३       | ५८   |                                              | ३५      | २३       | ५८   | -                                               | -       | -        | -                                                 | -       | -        |
|         |         |           |            |                |                    |                                                                           |         |          |      |                                              |         |          |      |                                                 |         |          |                                                   |         |          |
|         |         |           |            |                |                    |                                                                           |         |          |      |                                              |         |          |      |                                                 |         |          |                                                   |         |          |

प्रमाणपत्र

- नकाशातील सिमांकित हद्दीवरील प्रस्तावित सिमेंट काँक्रीट बुरुज यापूर्वी कधीही प्रस्तावित करण्यात आलेले नाहीत.
- स्थळदर्शक नकाशातील प्रस्तावित सिमेंट काँक्रीट बुरुजांच्या अंदाजपत्रकांना यापूर्वी तांत्रिक मंजूरी घेतलेली नाही.
- सिमांकित हद्दीतील लांबी ५.०० कि.मी एवढी आहे.
- बुरुज संख्या वर्ग-१ ३५ नग व बुरुज संख्या वर्ग-२ २३
- सदरचे क्षेत्र हे आदिवासी क्षेत्रात मोळते / मोळत नाही.

६  
वनपाल वार्डगा  
मन. टी. गेल लखाड

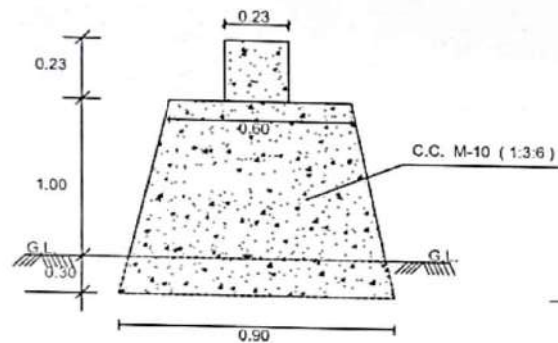
NAME OF WORK - CONSTRUCTION OF BOUNDARY PILLAR ( CLASS - I ) IN COMP. NO.

IN

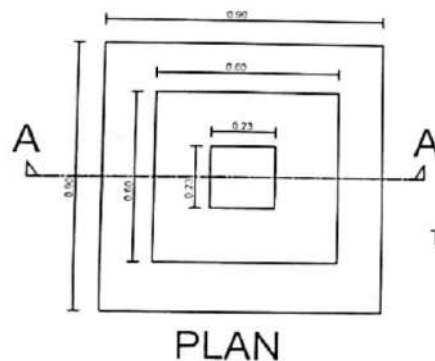
BEAT IN

RANGE OF

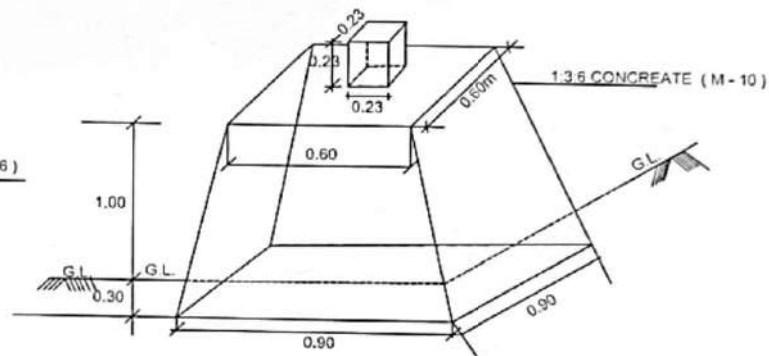
DIVISION.



SECTIONAL ELEVATION  
" A - A "



PLAN



ISOMETRIC ELEVATION

|                                  |                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| A1 (TOP AREA)                    | = $0.60 \times 0.60 = 0.36 \text{ SQM}$                                                                                            |
| A2 (BOTTOM AREA)                 | = $0.90 \times 0.90 = 0.81 \text{ SQM}$                                                                                            |
| H (TOTAL HEIGHT)                 | = 1.30M                                                                                                                            |
| H1 (BELOW GL)                    | = 0.30M                                                                                                                            |
| H2 (ABOVE GL)                    | = 1.00M                                                                                                                            |
| VOLUME                           | = $\frac{H}{3} \times (A1 + A2 + \sqrt{A1A2})$<br>= $\frac{1.30}{3} \times [0.36 + 0.81 + \sqrt{0.36 \times 0.81}]$<br>= 0.741 CUM |
| VOLUME FOR PEDESTAL              | = $0.23 \times 0.23 \times 0.23 \text{ mt}$<br>= 0.012 CUM                                                                         |
| TOTAL VOLUME FOR CONCRETE PILLAR | = $0.741 + 0.012 = 0.753 \text{ CUM}$                                                                                              |
| WT. OF PILLAR                    | = 1687.00 Kg.                                                                                                                      |

वज्रपाल वारंग  
प्ल. ई. नो. १८९१५

(S. W. DIWE)  
Sectional Engineer  
Office of the Forest Engineer,  
Maharashtra State, Nagpur

(K. T. DAKHALE)  
Forest Engineer  
Maharashtra State, Nagpur

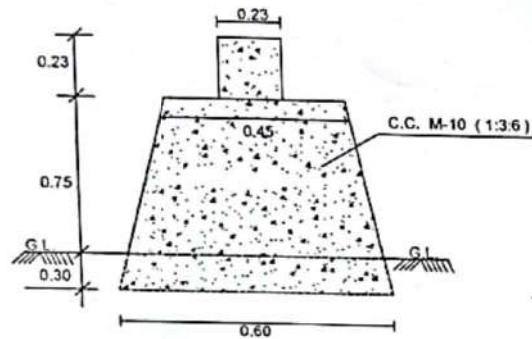
NAME OF WORK - CONSTRUCTION OF BOUNDARY PILLAR ( CLASS - II ) IN COMP. NO.

IN

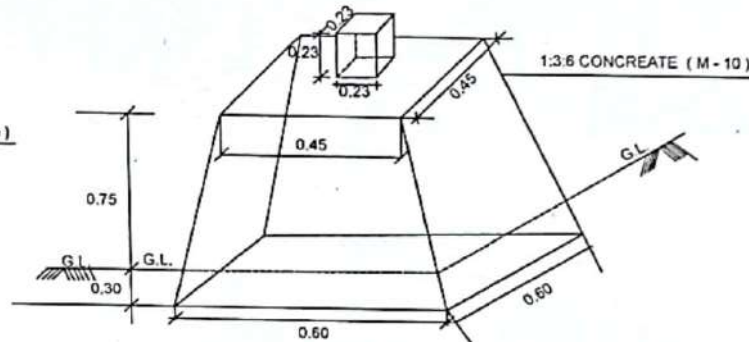
BEAT IN

RANGE OF

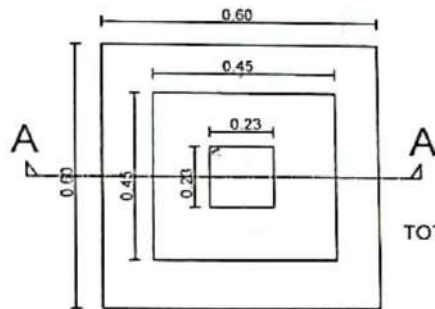
DIVISION.



SECTIONAL ELEVATION  
" A - A "



ISOMETRIC ELEVATION



PLAN

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| A1 (TOP AREA)                    | = $0.45 \times 0.45 = 0.20 \text{ SQM}$                   |
| A2 (BOTTOM AREA)                 | = $0.60 \times 0.60 = 0.36 \text{ SQM}$                   |
| H (TOTAL HEIGHT)                 | = 1.05M                                                   |
| H1 (BELOW GL)                    | = 0.30M                                                   |
| H2 (ABOVE GL)                    | = 0.75M                                                   |
| VOLUME                           | = $H/3 \times (A1 + A2 + \sqrt{A1A2})$                    |
|                                  | = $1.05/3 \times [0.20 + 0.36 + \sqrt{0.20 \times 0.36}]$ |
|                                  | = 0.289 CUM                                               |
| VOLUME FOR PEDESTAL              | = $0.23 \times 0.23 \times 0.23 \text{ mt}$               |
|                                  | = 0.012 CUM                                               |
| TOTAL VOLUME FOR CONCRETE PILLAR | = $0.289 + 0.012 = 0.301 \text{ CUM}$                     |
| WT. OF PILLAR                    | = 674.00 Kg.                                              |

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Sectional Engineer  
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Maharashtra State, Nagpur

(K. T. BAKHALE)  
Forest Engineer  
Maharashtra State, Nagpur

MAIC

જાગીર હવે રાજ્ય મોજી નહીં  
 મોજી મોજી તા કચ્છનુરી જિ હિંગોલી  
 કર્ણધારણે નાંર મા તહસિલદાર કચ્છનુરી  
 પ્રકરણ કમાંક નિયમિત/શાશ્વત/હરકુશ્વ/મોરક /૨૦૨૪  
 મોજીની દિનાંક: / ૨૦૨૪

તાળુ મિત્તક પમિન અંતે  
 ગટ નંબર ૫૬ ફેલી

| મુજા                                     | તામિત                                  |
|------------------------------------------|----------------------------------------|
| પાટમાને તાસી.૪ કોતરાલ માની મોજી વેલી     | દાસીવેલી અંતિગટ અંતે                   |
| પાટમાને મુજ અંતિતેતાનુમાર કાપમ માંથ અંતે |                                        |
| પાટમાને મુજ અંતિતેતાનુમાર કાપમ મુળા અંતે |                                        |
| પાટમાને વડિન મુળા અંતે                   |                                        |
| પાટમાને રશીવેલી જમિન વનવિભાગાટી રેળે     | યોગ્ય અંતે કોષ્ટક ૧૭ ફેલ્ટર ૦૦ આર      |
| પાટમાને રશીવેલી જમિન ગટ નં.૫૬ ફેલી       | મા તહસિલદાર માને માટપ કેલેલી જમિન અંતે |
| પાટમાને રશીવેલી જમિન ગટ નં.૫૬ ફેલી અમુન  | મિત્તક અંતે                            |

વન વિભાગાટી રેળે યોગ્ય જમિન  
 ગટ નંબર ૫૬ ફેલી

તાળુ મા તહસિલદાર કચ્છનુરી માને  
 માટપ કેલેલી જમિન અંતે ગટ નં.૫૬ ફેલી

મોજી કરુણાર  
 ત્રિ.એ.ગોરમે  
 (ધુમાપક)

જાગીર ૧ ૨૦૦૦  
 મોજી મોજી  
 તા કચ્છનુરી  
 જિ હિંગોલી

તાળુ ગટ નંબર ૨૧૭ અંતે

MAIC

# CA Scheme



# विभागीय वन अधिकारी वन विभाग हिंगोली यांचे कार्यालय



रेल्वे क्रासिंग जवळ, कळमनुरी रोड हिंगोली जि.हिंगोली -४३१५१३  
दुरध्वनी क्र .०२४५६-२२१३६२ Email-dfohingoli@mahaforest.gov.in

पत्र  
जा.क्र.व/हिववि/जमीन/०३० /सन२०२४-२५

हिंगोली-४३१५१३ दिनांक: १६/०८/२०२४

प्रति,

उप वनसंरक्षक  
शहापुर वन विभाग, शहापुर

विषय :- Diversion of १६.६८४६ ha. Forest land for Proposed ३<sup>rd</sup> Railway Line between kalyan to kasara station of ६७.६२ km. in Ulhasnagar, Kalyan & Shahapur Taluka of Thane District in the State of Maharashtra. वनजमीन ठाणे कल्याण ते कसारा दरम्यान रेल्वे लाईन करिता ठाणे जिल्ह्यातिल १६.६८४६ हे. आर वनजमीन वळती करण्याबाबत.

संदर्भ :- १. मा. भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालया, क्षेत्रीय कार्यालय, म.रा. नागपूर यांचे कार्यालयातील पत्र क्र. जा.क्र.एफ.नं./एफसी-II/एमएच-२१९/२०२३/एनजीपी/१३३७/ दिनांक १९.०७.२०२४  
२. मा. उपवनसंरक्षक (प्रा) शहापुर यांचे कडील पत्र क्र. जा.क्र. कक्ष-१३/३/२०/जमीन/१३२८/२०२४-२५ दिनांक २५.०७.२०२४

३. या कार्यालयातील पत्र क्र.जा.क्र.एफसीए/जमीन/७४०/२०२४-२५ दिनांक २९.०७.२०२४

४. वनपरिक्षेत्र अधिकारी (प्रा), हिंगोली यांचे कडील पत्र क्र. जा.क्र.अ/वपअहि/योजना/३२४/२०२४-२५ दिनांक १६.०८.२०२४

उपरोक्त विषयांकीत प्रकरणी संदर्भ क्र. १ अन्वये सदरील प्रस्तावास केंद्र शासनाची तत्वतः मुजुरी प्रदान करण्यात आलेली असून त्या अनुषंगाने आपले कडील संदर्भाय पत्र क्र. २ अन्वये कळविल्याप्रमाणे संदर्भ क्र. ३ अन्वये पर्यायी वनीकरणाचे क्षेत्र १७.०० हे. आर करिता लागनारी रक्कम  $१७.०० \times ८४५१२८.०० = १,४३,६७,१७६.००$  रु कळविण्यात आलेले होते. तसेच आट क्र. ६ मध्ये नमुदकेल्याप्रमाणे मौजे भोसी ता. कळमनुरी जि. हिंगोली येथील पर्यायीवनीकरणा अंतर्गत प्राप्त क्षेत्राचे सिमांकन करून सिमेंट पिल्स लावणे करीत रक्कम रु. ३,८९,८००.०० ची आवश्यकता असल्याचे कळविण्यात आलेले होते. परंतु संदर्भ क्र. ४ अन्वये वनपरिक्षेत्र अधिकारी (प्रा), हिंगोली यांनी सुधारित अंदाजपत्रके व क्षेत्राचे सिमांकन करून सिमेंट पिल्स लावण करीता या कार्यालयास सादर केल्याप्रमाणे खालील प्रमाणे सुधारीत रक्कम सादर करण्यात येत आहे. या बाबत संबंधीत यंत्रनेकडून सदरील सुधारीत रक्कम प्राप्त करून घेण्यात यावी.

पर्यायी वनीकरण रोपवनासाठी लागनारी एकुण रक्कम रु. १,५२,८३,२८७.००

सिमांकन करून सिमेंट पिल्स लावणे करीत एकुण रक्कम रु. ४,८९,४००.००

(मनोहर गोखले)

विभागीय वन अधिकारी  
वन विभाग हिंगोली

प्रतिलिपी - मा.वनसंरक्षक (प्रा), छत्रपती संभाजीनगर यांना माहितीस्तव सविनय सादर

प्रतिलिपी - उप मुख्य अभियंता (बांधकाम), मध्य रेल्वे रझरवेशन यांना माहितीस्ताव तथा आवश्यक त्या कार्यवाहिस्तव सन्नेह अग्रेषित.



स्वातंत्र्याचा अमृत महोत्सव

महाराष्ट्र शासन  
वनविभाग हिंगोली

## वनपरिक्षेत्र अधिकारी (प्रादेशिक) हिंगोली यांचे कार्यालय

रेल्वे क्रॉसिंग जवळ, नांदेड रोड, हिंगोली ४३१ ५१३

E Mail ID :- rangehingoli2020@gmail.com

जा.क्र.व/वपअहि/योजना/३२४/२०२४-२५

दि. १६/०८/२०२४

प्रति,

मा. विभागीय वन अधिकारी,  
हिंगोली

मार्फत :- मा.सहाय्यक वनसंरक्षक (वनीकरण) हिंगोली

विषय - Diversion of १६.६८४६ ha Forest Land for proposed ३ rd Railway between Kalyan to Kasara Station of ६१.६२ K.M in Ulhasnagr, Kalyan & Shahapur Taluka of Thane District in the State of Maharashtra अंतर्गत कृष्ण योजनेमध्ये पुर्वपावाळी ते दहावे वर्ष रोपवन कामाचे अंदाजपत्रक तयार करुन सादर करणेबाबत.

उपरोक्त विषयाच्या अनुषंगाने वनपरिक्षेत्र प्रा.हिंगोली अंतर्गत मौ.भौसी ता.कळमनुरी जि.हिंगोली येथील Diversion of १६.६८४६ ha Forest Land for proposed ३ rd Railway between Kalyan to Kasara Station of ६१.६२ K.M in Ulhasnagr, Kalyan & Shahapur Taluka of Thane District in the State of Maharashtra कृष्ण अंतर्गत जागा वळतीकरण एकुण क्षेत्र १७.०० हे कृष्ण योजनेमध्ये पुर्व पावसाळी ते दहावे वर्ष रोपवन कामाचे अंदाजपत्रक खालील प्रमाणे तयार करुन या सोबत सादर करण्यात येत आहे. तसेच सदर रोपवनात मोठे पिलर्स-३५ ज्याची रक्कम ३६७५०० व लहान पिलर्स - २३ ज्याची रक्कम १२१९०० असे एकुण एकंदर ५८ पिलर्स रक्कम ४८९४०० एवढी रक्कम लागणार आहे.

| अ.क्र | योजना    | रोपवनाचे नांव | वर्ष/        | क्षेत्र हे | अंदाजपत्रकीय रक्कम |
|-------|----------|---------------|--------------|------------|--------------------|
| १     | CA कृष्ण | भौसी          | पुर्वपावसाळी | १७.००      | ६४०९४२६            |
| २     |          |               | प्रथम वर्ष   | १७.००      | २०२९३९८            |
| ३     |          |               | दुसरे वर्ष   | १७.००      | २१९६१६६            |
| ४     |          |               | तिसरे वर्ष   | १७.००      | १३११८७५            |
| ५     |          |               | चौथे वर्ष    | १७.००      | ४१५६६३             |
| ६     |          |               | पाचवे वर्ष   | १७.००      | ४३१५५५             |
| ७     |          |               | सहावे वर्ष   | १७.००      | ४१८०००             |
| ८     |          |               | सातवे वर्ष   | १७.००      | ४८०५९६             |
| ९     |          |               | आठवे वर्ष    | १७.००      | ५०४६०५             |
| १०    |          |               | नववे वर्ष    | १७.००      | ५२९८०७             |
| ११    |          |               | दहावे वर्ष   | १७.००      | ५५६२७६             |
|       |          |               |              |            | १५२८३२८७           |
|       | एकुण     |               |              |            |                    |

तरी वरील अंदाजपत्रक माहितीस्तव सादर करण्यात येत आहे.

करीता माहितीस्तव सविनय सादर.

सोबत :- अंदाजपत्रके

*(Signature)*

*(Signature)*

एम.एल.पवार

वन परिक्षेत्र अधिकारी  
(प्रा.) हिंगोली

आवक क्रमांक ८०१

दिनांक २०/८/२४

विभागीय वन अधिकारी  
हिंगोली जि. हिंगोली

Enclosure to Principal Chief Conservator of Forest (HoFF), M. S. Nagpur Letter No. Desk-17/CA/Nodal Cell/CR-40/1127/2019-20, Date 04/10/2019  
Model Rate Structure for Compensatory Afforestation Model No. 5.

Fencing and Irrigated Plantations

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

Name of Project - Diversion of 16.6846 ha Forest Land for proposed 3<sup>rd</sup> Railway between Kalyan to Kasara Station of 61.62 K.M in Ulhasnagar, Kalyan & Shahapur Taluka of Thane District in the State of Maharashtra

| Placement - 3m x 3m<br>Size of Pits - 0.45 x 0.45 x 0.45m<br>No. of Seedlings - 1111 per ha |                                                                                                                                                                                                                                                                                                                                                                                                                            | Wage Rate- Rs<br>Mauja - Bhosi Area<br>(Amount in Rs.) |                 | 470.38<br>17<br>14,433,506.50 | per day<br>Hectore | Division<br>Range<br>Round | Hingoli<br>Hingoli<br>Waranga | Best- Waranga<br>S.No. 56<br>Taluka- Kalamnuri |                   |  |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------|-------------------------------|--------------------|----------------------------|-------------------------------|------------------------------------------------|-------------------|--|
| Sr.No                                                                                       | Particulars of works                                                                                                                                                                                                                                                                                                                                                                                                       | Man days                                               | Wages           | Material supply               | Total (Rs.Per Ha.) | Man days                   | Wages                         | Material supply                                | Total             |  |
| <b>A. Pre Monsoon Works PPO/PYO</b>                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                        |                 |                               |                    |                            |                               |                                                |                   |  |
| 1                                                                                           | (a) Survey and demarcation                                                                                                                                                                                                                                                                                                                                                                                                 | 1.00                                                   | 470.38          | 91.00                         | 561.38             | 17.00                      | 7998.46                       | 1547.00                                        | 9543.46           |  |
|                                                                                             | (b) Preparation of treatment map (100 m x 50 m grid)                                                                                                                                                                                                                                                                                                                                                                       | 1.00                                                   | 470.38          | 91.00                         | 561.38             | 17.00                      | 7998.46                       | 1547.00                                        | 9543.46           |  |
|                                                                                             | (c) Digging trial pits of size 0.30x0.30x0.60 in corner of Grid.                                                                                                                                                                                                                                                                                                                                                           | 0.40                                                   | 168.15          | 0.00                          | 168.15             | 6.80                       | 3198.58                       | 0.00                                           | 3198.58           |  |
|                                                                                             | (d) Fixing 60cm x 0.05cm x 12cm cement pillars upto 30cm deep in corner of Grid planting with Grid No.etc complete(3 pillars, Rs.75/- for each pillars)                                                                                                                                                                                                                                                                    | 0.00                                                   | 0.00            | 225.00                        | 225.00             | 0.00                       | 0.00                          | 3825.00                                        | 3825.00           |  |
|                                                                                             | (e) Clearing of bushes and preparation of site (As per requirement)                                                                                                                                                                                                                                                                                                                                                        | 10.00                                                  | 4703.80         | 91.00                         | 4794.80            | 170.00                     | 79964.60                      | 1547.00                                        | 81511.60          |  |
| 2                                                                                           | Soil and moisture conservation works including collection of rubbles from areas upto 30 m etc                                                                                                                                                                                                                                                                                                                              | 31.00                                                  | 14581.78        | 0.00                          | 14581.78           | 527.00                     | 247890.26                     | 0.00                                           | 247890.26         |  |
| 3                                                                                           | Providing and fixing chain link fencing, 102 Rmt Per ha (With one gate + two wickets, gates for one site) (Rs.1494/- per Rmt of basic rate + 20% for transportation of ave. load plus 20% for tribal/remote area (by tender process.) (Rs.1494+149+149=1792/- per Rmt (1.60 Rmt height with G.I. Chain link size 50mm x 50m, 6 gauge thick and fixed 75mm above ground level complete as per SSR item No.1555 for 2020-21) | 0.00                                                   | 0.00            | 262951.92                     | 262951.92          | 0.00                       | 0.00                          | 4470182.64                                     | 4470182.64        |  |
| 4                                                                                           | Alignment of pits at 3m x 3m spacing, 1111 pits per Ha (0.25 per 100 pits and M&S @ Rs. 2.24 per 50 pits                                                                                                                                                                                                                                                                                                                   | 2.78                                                   | 0.00            | 49.77                         | 49.77              | 47.26                      | 0.00                          | 846.09                                         | 846.09            |  |
| 5                                                                                           | Digging of pits of size 0.45 x 0.45 x 0.45 m (1111 pits per ha) 6.60 M.D per 100 pits. Note :- As per local conditions provision for mechanized digging can be made.                                                                                                                                                                                                                                                       | 73.33                                                  | 34492.97        | 0.00                          | 34492.97           | 1246.61                    | 586380.41                     | 0.00                                           | 586380.41         |  |
| 6                                                                                           | Construction of 5.00 Rmt wide Inspection Path 1M.D. per 100 Rmt                                                                                                                                                                                                                                                                                                                                                            | 1.00                                                   | 0.00            | 0.00                          | 0.00               | 17.00                      | 0.00                          | 0.00                                           | 0.00              |  |
| 7                                                                                           | Enumeration of all valuable plant species at plantation site and grid wise counting and providing color band and recording the same in Register (0.75 M.D.) per 100 plants                                                                                                                                                                                                                                                 | 0.75                                                   | 68.25           | 25.00                         | 93.25              | 12.75                      | 1160.25                       | 425.00                                         | 1585.25           |  |
| 8                                                                                           | Providing and fixing (4 feet x 3 feet) information board each per site                                                                                                                                                                                                                                                                                                                                                     | 0.00                                                   | 0.00            | 5000.00                       | 5000.00            | 0.00                       | 0.00                          | 85000.00                                       | 85000.00          |  |
| 9                                                                                           | Part Nursery cost of raising 1333 seedlings per ha (including 20% casualty replacement) in polygons of size 12.50 x 25.00 cm (Wages Rs.11.90 and M & S Rs.3.62 per plant)                                                                                                                                                                                                                                                  | 46.71                                                  | 0.00            |                               |                    |                            |                               |                                                |                   |  |
|                                                                                             | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                               | <b>167.97</b>                                          | <b>79009.73</b> | <b>273350.15</b>              | <b>352359.88</b>   | <b>2855.49</b>             | <b>1343165.39</b>             | <b>4646952.55</b>                              | <b>5990117.94</b> |  |
|                                                                                             | <b>Contingency 3%</b>                                                                                                                                                                                                                                                                                                                                                                                                      |                                                        |                 |                               |                    |                            |                               |                                                |                   |  |
|                                                                                             | <b>Labour Welfare 4%</b>                                                                                                                                                                                                                                                                                                                                                                                                   |                                                        |                 |                               |                    |                            |                               |                                                |                   |  |
|                                                                                             | <b>Grand Total</b>                                                                                                                                                                                                                                                                                                                                                                                                         | <b>167.97</b>                                          | <b>84540.41</b> | <b>292484.66</b>              | <b>377025.07</b>   | <b>2855.49</b>             | <b>1437186.96</b>             | <b>4972239.23</b>                              | <b>6409426.19</b> |  |

Rs. - one crore 3 lakhs 84 thousand 400 rupees 41 paise only.

सहायक वनसंरक्षक  
हिंगोली

M.L.Pawar  
Range Forest Officer  
Hingoli (T)

Enclosure to Principal Chief Conservator of Forest (HoFF), M. S. Nagpur Letter No. Desk-17/CA/Nodal Cell/CR-40/1127/2019-20, Date 04/10/2019  
**Model Rate Structure for Compensatory Afforestation Model No.5.**  
Fencing and Irrigated Plantations  
 Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

**Name of Project - Diversion of 18.6846 ha Forest Land for proposed 3 rd Railway between Kalyan to Kasara Station of 61.62 K.M in Ulhasnagar, Kalyan & Shahapur Taluka of Thane District in the State of Maharashtra**

| Sr No                    | Particulars of works                                                                                                                                                                                                                                                                                                                          | Wage Rate- Rs   |                  | per day         | Division         | Hingoli        | Best- Waranga     | S.No. 56          | Total             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|------------------|----------------|-------------------|-------------------|-------------------|
|                          |                                                                                                                                                                                                                                                                                                                                               | Mauja - Bhosi   | Area             |                 |                  |                |                   |                   |                   |
|                          |                                                                                                                                                                                                                                                                                                                                               | (Amount in Rs.) |                  |                 | Range            | Waranga        | Taluka- Kalamnuri |                   |                   |
|                          |                                                                                                                                                                                                                                                                                                                                               | Man days        | Wages            | Material supply | Total (Rs.Per    | Man days       | Wages             | Material supply   | Total             |
| B. First Year Operations |                                                                                                                                                                                                                                                                                                                                               |                 |                  |                 |                  |                |                   |                   |                   |
| 1.                       | Part Nursery cost for maintenance of 1333 per ha Rs. 3.77 per seedling (Wages Rs.2.69, M & S Rs. 0.81)                                                                                                                                                                                                                                        | 14.80           | 7309.71          | 1079.73         | 8389.44          | 133.00         | 64685.88          | 18355.41          | 83041.29          |
| 2                        | Refilling of pits by good quality soil including application of single super phosphate (1.66 MD per 100 pits)                                                                                                                                                                                                                                 | 18.44           | 9107.50          | 1944.25         | 11051.75         | 166.00         | 80735.76          | 33052.25          | 113788.01         |
| 3                        | Transportation of 1333 seedlings from Nursery to plantation site including loading & unloading (0.14 M.D. per 100 seedlings & M.S. Rs.1.82 Per seedlings)                                                                                                                                                                                     | 1.87            | 923.59           | 2426.00         | 3349.59          | 17.00          | 8268.12           | 41242.00          | 49510.12          |
| 4                        | Planting of 1111 seedlings (1.0 M.D per 100 seedlings)                                                                                                                                                                                                                                                                                        | 11.11           | 5487.22          | 0.00            | 5487.22          | 100.00         | 48636.00          | 0.00              | 48636.00          |
| 5                        | 3 seedlings (1 Rmt circular) and 2 soil workings (4.00 M.D per 100 seedlings) fertilizer application Rs. 0.82 per seedling                                                                                                                                                                                                                    | 44.44           | 21948.87         | 911.02          | 22859.89         | 397.00         | 193064.92         | 15487.34          | 208572.26         |
| 6                        | Watering 1111 seedlings November and December 1 time each, January to March 2 times each per seedlings 5 litre water, purchase of 1111 plastic can of 5 litre / matka @Rs.25/- each and 100 litre capacity 11 drums @Rs.400/- each for supplying water and water supply at @Rs.0.05 per litre and wages for watering 1 M.D. for 150 seedlings | 59.25           | 29263.52         | 54395.00        | 83658.52         | 533.00         | 259229.88         | 924715.00         | 1183944.88        |
| 7                        | Casualty replacement (20% 222 Seedlings per ha.) (2 M.D. per 100 seedlings)                                                                                                                                                                                                                                                                   | 4.44            | 2192.91          | 0.00            | 2192.91          | 40.00          | 19454.40          | 0.00              | 19454.40          |
| 8                        | Part Nursery cost for causality replacement in SYO (222 seedlings per ha.) (wages Rs.11.90 and material supply Rs.3.62 total Rs.12.55 per seedling.)                                                                                                                                                                                          | 7.77            | 3837.60          | 803.64          | 4641.24          | 70.00          | 34045.20          | 13661.88          | 47707.08          |
| 9                        | Watch and ward (10 months - 1 watcher per 10 ha)                                                                                                                                                                                                                                                                                              | 27.38           | 13522.95         | 0.00            | 13522.95         | 246.42         | 119848.83         | 0.00              | 119848.83         |
| 10                       | Soil working for naturally grower plants and singling (1.15 M.D per 100 plants)                                                                                                                                                                                                                                                               | 1.15            | 567.98           | 10.00           | 577.98           | 11.00          | 5349.96           | 170.00            | 5519.96           |
| 11                       | Fire tracing                                                                                                                                                                                                                                                                                                                                  | 2.00            | 987.80           | 0.00            | 987.80           | 34.00          | 16536.24          | 0.00              | 16536.24          |
| <b>Total</b>             |                                                                                                                                                                                                                                                                                                                                               | <b>192.65</b>   | <b>95149.64</b>  | <b>61569.64</b> | <b>156719.28</b> | <b>1747.42</b> | <b>849875.19</b>  | <b>1046683.88</b> | <b>1896559.07</b> |
| Contingency 3%           |                                                                                                                                                                                                                                                                                                                                               |                 | 2854.49          | 1847.09         | 4701.58          |                | 25496.26          | 31400.52          | 56896.77          |
| Labour Welfare 4%        |                                                                                                                                                                                                                                                                                                                                               |                 | 3805.99          | 2462.79         | 6268.77          |                | 33995.01          | 41867.36          | 75862.36          |
| <b>Grand Total</b>       |                                                                                                                                                                                                                                                                                                                                               | <b>192.65</b>   | <b>101810.12</b> | <b>65879.51</b> | <b>167689.63</b> | <b>1747.42</b> | <b>909356.45</b>  | <b>1119951.75</b> | <b>2029318.21</b> |

M.L.Pawar  
 Range Forest Officer  
 Hingoli (T)

सहायक निरीक्षक  
 हिंगोली

Enclosure to Principal Chief Conservator of Forest (HoFF), M. S. Nagpur Letter No. Desk-17/GA/Nodal Cell/CR-40/1127/2019-20, Date 04/10/2019  
**Model Rate Structure for Compensatory Afforestation Model No.5,**

**Fencing and Irrigated Plantations**

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

Name of Project - Construction of Turbhe - Kharghar Link Road At Village Owe Tal. Panvel, Dist. Raigad & Silvane & Kuksheth Dist. Thane by City & Industrial Development Corporation of Maharashtra Ltd.

| Name of Project - Construction of Turbhe - Kharghar Link Road At Village Owe Tel. Parvel, Dist. Reigar & Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. Wate by Sirvane & Kulkarni Dist. 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M.L.

M.L.Pawar  
Range Forest Officer  
Hingoli (T)

*(Signature)*  
 2019/10/04  
 10:10 AM

Enclosure to Principal Chief Conservator of Forest (HoFF), M. S. Nagpur Letter No. Desk-17/CA/Nodal Cell/CR-40/1127/2019-20, Date 04/10/2019  
Model Rate Structure for Compensatory Afforestation Model No.5,  
Fencing and Irrigated Plantations

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

Name of Project - Construction of Turbhe - Kharghar Link Road At Village Owe Tel. Panvel, Dist. Raigad & Silvans & Kulkarni Dist. Thane by City & Industrial Development Corporation of Maharashtra Ltd.

| Name of Project - Construction of Turbhe - Kharghar Link Road At Village Owe Tel. Panvel, Dist. Raigad & Silvase & Kukasheth Dist. Thane by City & Industrial Development Corporation Ltd. |                                                                                                                                                                                                                     |                    |          |                 | per day       | Division | Hingoli   | Beat- Kalamnuri   |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|-----------------|---------------|----------|-----------|-------------------|------------|
| Spacing - 3m x 3m                                                                                                                                                                          |                                                                                                                                                                                                                     | Wage Rate- Rs      |          | 536.2           |               |          |           |                   |            |
| Size of Pits - 0.45 x 0.45 x 0.45m                                                                                                                                                         |                                                                                                                                                                                                                     | Mauja - Bhosi Area |          | 17              | Hectore       | Range    | Kalamnuri | S.No. 332         |            |
| No. of Seedlings - 1111 per ha                                                                                                                                                             |                                                                                                                                                                                                                     | (Amount in Rs.)    |          | -               |               | Round    | Yelegaon  | Taluka- Kalamnuri |            |
| Sr No                                                                                                                                                                                      | Particulars of works                                                                                                                                                                                                | Man days           | Wages    | Material supply | Total (Rs.Per | Man days | Wages     | Material supply   | Total      |
| D. Third Year Operations                                                                                                                                                                   |                                                                                                                                                                                                                     |                    |          |                 |               |          |           |                   |            |
| 1                                                                                                                                                                                          | 1 weeding and 1 soil working (1.50 M.D per100 seedlings) applying fertilizer @ Rs 0.82 per plant.                                                                                                                   | 16.67              | 8938.45  | 911.02          | 9849.47       | 283.39   | 151953.72 | 15487.34          | 167441.06  |
| 2                                                                                                                                                                                          | Watering 556 seedlings in November, December, January and June 1 time each and February to May 2 times each total 12 times per seedlings 5 litre, water supply @Rs 0.50/- litre and watering 150 seedlings per M.D. | 44.48              | 23850.18 | 16680.00        | 40530.18      | 756.16   | 405452.99 | 283560.00         | 689012.99  |
| 3                                                                                                                                                                                          | Watch and ward 12 months 1 watcher per 10.00 ha                                                                                                                                                                     | 35.50              | 19571.30 | 0.00            | 19571.30      | 620.50   | 332712.10 | 0.00              | 332712.10  |
| 4                                                                                                                                                                                          | Counting of survival percentage Gnd wise and Species wise and to Note the same on Register in May and October.                                                                                                      | 2.00               | 1072.40  | 25.00           | 1097.40       | 34.00    | 18230.80  | 425.00            | 18655.80   |
| 5                                                                                                                                                                                          | Fire tracing                                                                                                                                                                                                        | 2.00               | 1072.40  | 0.00            | 1072.40       | 34.00    | 18230.80  | 0.00              | 18230.80   |
| Total                                                                                                                                                                                      |                                                                                                                                                                                                                     | 101.65             | 54504.73 | 17616.02        | 72120.75      | 1728.05  | 926580.41 | 299472.34         | 1226052.75 |
| Contingency 3%                                                                                                                                                                             |                                                                                                                                                                                                                     |                    | 1635.14  | 528.48          | 2163.62       |          | 27797.41  | 8984.17           | 36791.58   |
| Labour Welfare 4%                                                                                                                                                                          |                                                                                                                                                                                                                     |                    | 2180.19  | 704.64          | 2884.83       |          | 37063.22  | 11978.89          | 49042.11   |
| Grand Total                                                                                                                                                                                |                                                                                                                                                                                                                     | 101.65             | 58320.06 | 18849.14        | 77169.20      | 1728.05  | 991441.04 | 320435.40         | 1311876.44 |

M.L.Pawar  
Range Forest Officer  
Hingoli (T)

सहायक वनसंरक्षक  
हिंगोली

Enclosure to Principal Chief Conservator of Forest (HoFF), M. S. Nagpur Letter No. Dask-17/CA/Nodal Cell/CR-40/1127/2019-20, Date 04/10/2019

**Model Rate Structure for Compensatory Afforestation Model No.3,  
Fencing and Irrigated Plantations**

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

Name of Project - Construction of Turbhe - Kharphar Link Road At. Village Owe Tal. Panvel, Dist. Raigad & Sirvane & Kuksheth Dist. Thane by City & Industrial Development Corporation of Maharashtra Ltd.

|                                    |                                                                                                                 |                    |          |                 |                    |           |           |                   |           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|----------|-----------------|--------------------|-----------|-----------|-------------------|-----------|
| Spacing - 3m x 3m                  |                                                                                                                 | Wage Rate- Rs      |          | 563.61          | per day            | Division  | Hingoli   | Beat- kalamnuri   |           |
| Size of Pits - 0.45 x 0.45 x 0.45m |                                                                                                                 | Mauja - Bhosl Area |          | 17              | Hectore            | Range     | Kalamnuri | S.No. 332         |           |
| No. of Seedlings - 1111 per ha     |                                                                                                                 | (Amount in Rs.)    |          | -               |                    | Round     | Yelegaon  | Taluka- Kalamnuri |           |
| Sr.No                              | Particulars of works                                                                                            | Man days           | Wages    | Material supply | Total (Rs.Par Ha.) | Man days  | Wages     | Material supply   | Total     |
| E. Fourth Year Operations          |                                                                                                                 |                    |          |                 |                    |           |           |                   |           |
| 1                                  | Watch and ward 12 months 1 watcher per 10.00 ha                                                                 | 36.50              | 20571.77 | 0.00            | 20571.77           | 620.50    | 349720.01 | 0.00              | 349720.01 |
| 2                                  | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2.00               | 1127.22  | 25.00           | 1152.22            | 34.00     | 19162.74  | 425.00            | 19587.74  |
| 3                                  | Fire tracing                                                                                                    | 2.00               | 1127.22  | 0.00            | 1127.22            | 34.00     | 19162.74  | 0.00              | 19162.74  |
| Total                              |                                                                                                                 | 40.50              | 22826.21 | 25.00           | 22851.21           | 688.50    | 388045.49 | 425.00            | 388470.49 |
| Contingency 3%                     |                                                                                                                 |                    | 684.79   | 0.75            | 685.54             |           | 11641.38  | 12.75             | 11654.11  |
| Labour Welfare 4%                  |                                                                                                                 |                    | 913.05   | 1.00            | 914.05             |           | 15521.82  | 17.00             | 15538.82  |
| Grand Total                        |                                                                                                                 | 40.50              | 24424.04 | 26.75           | 24450.79           | 415208.67 | 415208.67 | 454.75            | 415663.42 |

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Enclosure to Principal Chief Conservator of Forest (HoFF), M. S. Nagpur Letter No. Desk-17/CA/Nodal Cell/CR-40/1127/2019-20, Date 04/10/2019  
Model Rate Structure for Compensatory Afforestation Model No.5.

Fencing and Irrigated Plantations

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

*Name of Project - Construction of Turbhe - Kharghar Link Road At Village Owe Tal. Panvel, Dist. Raigad & Sirvane & Kuksheth Dist. Thane by City & Industrial Development Corporation of Maharashtra Ltd.*

|                                                                                                                  |                 |          |         |          |           |                   |
|------------------------------------------------------------------------------------------------------------------|-----------------|----------|---------|----------|-----------|-------------------|
| Speciment - 3m x 3m                                                                                              | Wage Rate- Rs   | 581.16   | per day | Division | Hingoli   | Beat- kalamnuri   |
| Size of Pits - 0.45 x 0.45 x 0.45m                                                                               | Mauja - Bhosi   | 17       | Hectare | Range    | Kalamnuri | S.No. 332         |
| No. of Seedlings - 11111 per ha                                                                                  | (Amount in Rs.) | -        |         | Round    | Yelegaon  | Taluka- Kalamnuri |
| <b>F. Fifth Year Operations</b>                                                                                  |                 |          |         |          |           |                   |
| 1 Watch and ward 12 months 1 watcher per 10.00 ha                                                                | 36.50           | 21577.34 | 0.00    | 21577.34 | 620.50    | 366814.78         |
| 2 Counting of survival percentage Gnd wise and Species wise and to Note the same in Register in May and October. | 2.00            | 1182.32  | 25.00   | 1207.32  | 34.00     | 20099.44          |
| 3 Fire tracing                                                                                                   | 2.00            | 1182.32  | 0.00    | 1182.32  | 34.00     | 15992.92          |
| Total                                                                                                            | 40.50           | 23941.98 | 25.00   | 23966.98 | 688.50    | 402907.14         |
| Contingency 3%                                                                                                   |                 | 718.26   | 0.75    | 719.01   |           | 12087.21          |
| Labour Welfare 4%                                                                                                |                 | 957.68   | 1.00    | 958.68   |           | 16116.29          |
| Grand Total                                                                                                      | 40.50           | 25617.92 | 26.75   | 25644.67 | 688.50    | 431110.54         |
|                                                                                                                  |                 |          |         |          |           | 454.75            |
|                                                                                                                  |                 |          |         |          |           | 431565.39         |

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Model Rate Structure for Compensatory Afforestation Model No.5,  
Fencing and Irrigated Plantations

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

Name of Project - Construction of Turbhe - Kharghar Link Road At. Village Owe Tai. Panvel, Dist. Raigad & Silvane & Kuksheth Dist. Thane by City & Industrial Development Corporation of Maharashtra Ltd.

|                                    |                                                                                                                 |                    |          |                 |                     |                            |                                  |                                                   |           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|----------|-----------------|---------------------|----------------------------|----------------------------------|---------------------------------------------------|-----------|
| Spacing - 3m x 3m                  |                                                                                                                 | Wage Rate- Rs.     |          | 620.71          | per day.<br>Hectore | Division<br>Range<br>Round | Hingoli<br>Kalamnuri<br>Yelegaon | Beat- kalamnuri<br>S.No. 332<br>Taluka- Kalamnuri |           |
| Size of Pits - 0.45 x 0.45 x 0.45m |                                                                                                                 | Mauja - Bhosi Area |          | 17              |                     |                            |                                  |                                                   |           |
| No. of Seedlings - 1111 per ha     |                                                                                                                 | (Amount in Rs.)    |          | -               |                     |                            |                                  |                                                   |           |
| Sr No                              | Particulars of works                                                                                            | Man days           | Wages    | Material supply | Total (Rs.Per       | Man days                   | Wages                            | Material supply                                   | Total     |
| G. Sixth Year Operations           |                                                                                                                 |                    |          |                 |                     |                            |                                  |                                                   |           |
| 1                                  | Watch and ward 12 months 1 watcher per 10.00 ha                                                                 | 36.50              | 22655.92 | 0.00            | 22655.92            | 620.50                     | 385150.56                        | 0.00                                              | 385150.56 |
| 2                                  | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2.00               | 1241.42  | 25.00           | 1266.42             | 34.00                      | 21104.14                         | 425.00                                            | 21529.14  |
| 3                                  | Fire tracing                                                                                                    | 2.00               | 620.71   | 0.00            | 620.71              | 34.00                      | 10552.07                         | 0.00                                              | 10552.07  |
| Total                              |                                                                                                                 | 40.50              | 620.71   | 25.00           | 645.71              | 688.50                     | 10552.07                         | 425.00                                            | 417231.77 |
| Contingency 3%                     |                                                                                                                 |                    | 18.02    | 0.75            | 19.37               |                            | 316.56                           | 12.75                                             | 329.31    |
| Labour Welfare 4%                  |                                                                                                                 |                    | 24.83    | 1.00            | 25.83               |                            | 422.08                           | 17.00                                             | 439.08    |
| Grand Total                        |                                                                                                                 | 40.50              | 664.16   | 26.75           | 690.91              | 688.50                     | 11290.71                         | 454.75                                            | 418000.16 |

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Enclosure to Principal Chief Conservator of Forest (HoFF), M. S. Nagpur Letter No. Desk-17/CA/Nodal Cell/CR-40/1127/2019-20, Date 04/10/2019  
Model Rate Structure for Compensatory Afforestation Model No.5,  
Fencing and Irrigated Plantations

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

Name of Project - Construction of Turbhe - Kharghar Link Road At. Village Owe Tal. Panvel, Dist. Raigad & Silvane & Kuksheth Dist. Thane by City & Industrial Development Corporation of Maharashtra Ltd.

| Spacing - 3m x 3m                  |                                                                                                                | Wage Rate- Rs.  |                 | 651.75          | per day.        | Division      | Hingoli          | Best-           | kalamnuri        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|---------------|------------------|-----------------|------------------|
| Size of Pits - 0.45 x 0.45 x 0.45m |                                                                                                                | Mauja - Bhosi   |                 | 17              | Hectore         | Range         | Kalamnuri        | S.No.           | 332              |
| No. of Seedlings - 1111 per ha     |                                                                                                                | (Amount in Rs.) |                 | -               |                 | Round         | Yelegaon         | Taluka-         | Kalamnuri        |
| Sr.No                              | Particulars of works                                                                                           | Man days        | Wages           | Material supply | Total (Rs.Per   | Man days      | Wages            | Material supply | Total            |
| <b>H. Seventh Year Operations</b>  |                                                                                                                |                 |                 |                 |                 |               |                  |                 |                  |
| 1                                  | Watch and ward 12 months 1 watcher per 10.00 ha                                                                | 36.50           | 23788.88        | 0.00            | 23788.88        | 620.50        | 404410.88        | 0.00            | 404410.88        |
| 2                                  | Counting of survival percentage Gnd wise and Species wise and to Note the same on Register in May and October. | 2.00            | 1303.50         | 25.00           | 1328.50         | 34.00         | 22159.50         | 425.00          | 22584.50         |
| 3                                  | Fire tracing                                                                                                   | 2.00            | 1303.50         | 0.00            | 1303.50         | 34.00         | 22159.50         | 0.00            | 22159.50         |
|                                    | <b>Total</b>                                                                                                   | <b>40.50</b>    | <b>26395.88</b> | <b>25.00</b>    | <b>26420.88</b> | <b>688.50</b> | <b>448729.88</b> | <b>425.00</b>   | <b>449154.88</b> |
|                                    | Contingency 3%                                                                                                 |                 | 791.88          | 0.75            | 792.63          |               | 13461.90         | 12.75           | 13474.65         |
|                                    | Labour Welfare 4%                                                                                              |                 | 1055.84         | 1.00            | 1056.84         |               | 17949.20         | 17.00           | 17966.20         |
|                                    | <b>Grand Total</b>                                                                                             | <b>40.50</b>    | <b>28243.59</b> | <b>26.75</b>    | <b>28270.34</b> | <b>688.50</b> | <b>480140.97</b> | <b>454.75</b>   | <b>480595.72</b> |

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Range Forest Officer  
Hingoli (T)

  
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Enclosure to Principal Chief Conservator of Forest (HoFF), M. S. Nagpur Letter No. Desk-17/CA/Nodal Cell/CR-40/1127/2019-20, Date 04/10/2019  
Model Rate Structure for Compensatory Afforestation Model No.5.  
Fencing and Irrigated Plantations

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

Name of Project - Construction of Turbhe - Kharghar Link Road At. Village Owe Tal. Panvel, Dist. Raigad & Silvane & Kuksheth Dist. Thane by City & Industrial Development Corporation of Maharashtra Ltd.

| Spacing - 3m x 3m                  |                                                                                                                 | Wage Rate- Rs.     |                 | 684.34          | per day.        | Division      | Hingoli          | Beat- kalamnuri   |                  |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|-----------------|-----------------|-----------------|---------------|------------------|-------------------|------------------|
| Size of Pits - 0.45 x 0.45 x 0.45m |                                                                                                                 | Mauja - Bhosi Area |                 | 17              | Hectore         | Range         | Kalamnuri        | S.No. 332         |                  |
| No. of Seedlings - 1111 per ha     |                                                                                                                 | (Amount in Rs.)    |                 | -               |                 | Round         | Yelegaon         | Taluka- Kalamnuri |                  |
| Sr.No                              | Particulars of works                                                                                            | Man days           | Wages           | Material supply | Total (Rs.Per   | Man days      | Wages            | Material supply   | Total            |
| <b>I. Eighth Year Operations</b>   |                                                                                                                 |                    |                 |                 |                 |               |                  |                   |                  |
| 1                                  | Watch and ward 12 months 1 watcher per 10.00 ha                                                                 | 36.50              | 24978.41        | 0.00            | 24978.41        | 620.50        | 424632.97        | 0.00              | 424632.97        |
| 2                                  | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2.00               | 1368.68         | 25.00           | 1393.68         | 34.00         | 23267.56         | 425.00            | 23692.56         |
| 3                                  | Fire tracing                                                                                                    | 2.00               | 1368.68         | 0.00            | 1368.68         | 34.00         | 23267.56         | 0.00              | 23267.56         |
|                                    | <b>Total</b>                                                                                                    | <b>40.50</b>       | <b>27715.77</b> | <b>25.00</b>    | <b>27740.77</b> | <b>688.50</b> | <b>471168.09</b> | <b>425.00</b>     | <b>471593.09</b> |
|                                    | Contingency 3%                                                                                                  |                    | 831.47          | 0.75            | 832.22          |               | 14135.04         | 12.75             | 14147.79         |
|                                    | Labour Welfare 4%                                                                                               |                    | 1108.63         | 1.00            | 1109.63         |               | 18846.72         | 17.00             | 18863.72         |
|                                    | <b>Grand Total</b>                                                                                              | <b>40.50</b>       | <b>29655.87</b> | <b>26.75</b>    | <b>29682.62</b> | <b>688.50</b> | <b>504149.86</b> | <b>454.75</b>     | <b>504604.61</b> |

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Enclosure to Principal Chief Conservator of Forest (HoFF), M. S. Nagpur Letter No. Desk-17/CA/Nodal Cell/CR-40/1127/2019-20, Date 04/10/2019  
**Model Rate Structure for Compensatory Afforestation Model No.5,**  
**Fencing and Irrigated Plantations**

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

**Name of Project - Construction of Turbhe - Kharghar Link Road At. Village Owe Tal. Panvel, Dist. Raigad & Sirvane & Kuksheth Dist. Thane by City & Industrial Development Corporation of Maharashtra Ltd.**

| Spacing - 3m x 3m                  |                                                                                                                 | Wage Rate- Rs.     |                 | 718.55          | per day.        | Division      | Hingoli          | Beat- kalamnuri   |                  |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------|-----------------|-----------------|-----------------|---------------|------------------|-------------------|------------------|
| Size of Pits - 0.45 x 0.45 x 0.45m |                                                                                                                 | Mauja - Bhosi Area |                 | 17              | Hectore         | Range         | Kalamnuri        | S.No. 332         |                  |
| No. of Seedlings - 1111 per ha     |                                                                                                                 | (Amount in Rs.)    |                 | -               |                 | Round         | Yelegaon         | Taluka- Kalamnuri |                  |
| Sr.No                              | Particulars of works                                                                                            | Man days           | Wages           | Material supply | Total (Rs.Per   | Man days      | Wages            | Material supply   | Total            |
| J. Ninth Year Operations           |                                                                                                                 |                    |                 |                 |                 |               |                  |                   |                  |
| 1                                  | Watch and ward 12 months 1 watcher per 10.00 ha                                                                 | 36.50              | 26227.08        | 0.00            | 26227.08        | 620.50        | 445860.28        | 0.00              | 445860.28        |
| 2                                  | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2.00               | 1437.10         | 25.00           | 1462.10         | 34.00         | 24430.70         | 425.00            | 24855.70         |
| 3                                  | Fire tracing                                                                                                    | 2.00               | 1437.10         | 0.00            | 1437.10         | 34.00         | 24430.70         | 0.00              | 24430.70         |
|                                    | <b>Total</b>                                                                                                    | <b>40.50</b>       | <b>29101.28</b> | <b>25.00</b>    | <b>29126.28</b> | <b>688.50</b> | <b>494721.68</b> | <b>425.00</b>     | <b>495146.68</b> |
|                                    | Contingency 3%                                                                                                  |                    | 873.04          | 0.75            | 873.79          |               | 14841.65         | 12.75             | 14854.40         |
|                                    | Labour Welfare 4%                                                                                               |                    | 1164.05         | 1.00            | 1165.05         |               | 19788.87         | 17.00             | 19805.87         |
|                                    | <b>Grand Total</b>                                                                                              | <b>40.50</b>       | <b>31138.36</b> | <b>26.75</b>    | <b>31165.11</b> | <b>688.50</b> | <b>529352.19</b> | <b>454.75</b>     | <b>529806.94</b> |

  
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Enclosure to Principal Chief Conservator of Forest (HoFF), M. S. Nagpur Letter No. Desk-17/CA/Nodal Cell/CR-40/112/2013-20, Dated 11/11/2013

**Model Rate Structure for Compensatory Afforestation Model No.5.**

**Fencing and Irrigated Plantations**

Model rate structure for plantation of mixed tree species having rainfall less than 800 mm and medium quality, medium drained soil.

**Name of Project - Construction of Turbhe - Kharghar Link Road At. Village Owe Tal. Panvel, Dist. Raigad & Sirvane & Kuksheth Dist. Thane by City & Industrial Development Corporation of Maharashtra Ltd.**

| Spacing - 3m x 3m<br>Size of Pits - 0.45 x 0.45 x 0.45m<br>No. of Seedlings - 1111 per ha |                                                                                                                 | Wage Rate- Rs.  |          | 754.48          | per day.<br>Hectore | Division<br>Range<br>Round | Hingoli<br>Kalamnuri<br>Yelegaon | Beat-<br>S.No. 332<br>Taluka- Kalamnuri |           |  |
|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------|----------|-----------------|---------------------|----------------------------|----------------------------------|-----------------------------------------|-----------|--|
|                                                                                           |                                                                                                                 | Mauja - Bhosi   |          | Area            |                     |                            |                                  |                                         |           |  |
|                                                                                           |                                                                                                                 | (Amount in Rs.) |          | -               |                     |                            |                                  |                                         |           |  |
| Sr.No                                                                                     | Particulars of works                                                                                            | Man days        | Wages    | Material supply | Total (Rs.Per       | Man days                   | Wages                            | Material supply                         | Total     |  |
| K. Tenth Year Operations                                                                  |                                                                                                                 |                 |          |                 |                     |                            |                                  |                                         |           |  |
| 1                                                                                         | Watch and ward 12 months 1 watcher per 10.00 ha                                                                 | 36.50           | 27538.52 | 0.00            | 27538.52            | 620.50                     | 468154.84                        | 0.00                                    | 468154.84 |  |
| 2                                                                                         | Counting of survival percentage Grid wise and Species wise and to Note the same on Register in May and October. | 2.00            | 1508.96  | 25.00           | 1533.96             | 34.00                      | 25652.32                         | 425.00                                  | 26077.32  |  |
| 3                                                                                         | Fire tracing                                                                                                    | 2.00            | 1508.96  | 0.00            | 1508.96             | 34.00                      | 25652.32                         | 0.00                                    | 25652.32  |  |
| Total                                                                                     |                                                                                                                 | 40.50           | 30556.44 | 25.00           | 30581.44            | 688.50                     | 519459.48                        | 425.00                                  | 519884.48 |  |
| Contingency 3%                                                                            |                                                                                                                 |                 | 916.69   | 0.75            | 917.44              |                            | 15583.78                         | 12.75                                   | 15596.53  |  |
| Labour Welfare 4%                                                                         |                                                                                                                 |                 | 1222.26  | 1.00            | 1223.26             |                            | 20778.38                         | 17.00                                   | 20795.38  |  |
| Grand Total                                                                               |                                                                                                                 | 40.50           | 32695.39 | 26.75           | 32722.14            | 688.50                     | 555821.64                        | 454.75                                  | 556276.39 |  |

*M.L.P.*

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*[Signature]*  
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