



महाराष्ट्र शासन

उप वनसंरक्षक, अलिबाग यांचे कार्यालय, अलिबाग

"वृक्षवल्ली आम्हा सोयरे वनचरे"

मु.पो.हिराकोट तलावाजवळ अलिबाग ता.अलिबाग जि.रायगड पी.नं. ४०२ २०१

दूरध्वनी क्र ०२१४१-२२२०१६/२२२२१६

Email ID: dycfalibag@mahaforest.gov.in

जावक क्रमांक: ब/२०/जमीन/वसं/३१७७ /२०२५-२६.

दिनांक: २४/०९/२०२५.

प्रति,

श्री. गोविंद जीवराजभाई वाघानी,
रा.गट क्रमांक ३१४/२, कलोते मोकाशी,
जुना मुंबई-पुणे रोड जवळ, कलोते मोकाशी,
तालुका खालापूर जिल्हा रायगड

विषय:- रायगड वन जमीन

Diversion of 5.733 Ha. Restored Private Forest Land (Restored before 25/10/1980) in favour of Govind Jivrajbhai Vaghani for Non-Forest activities i.e., Forest villas, Tourist suites, Internal roads, Eco-Tourism activities etc. in Raigad District in the state of Maharashtra

संदर्भ:- १) केंद्रशासनाचे पत्र क्र.एफसी-॥/एमएच-१८३/२०२२-एनजीपी/११३५१,
दि.१७.०३.२०२३.

२) केंद्रशासनाचे पत्र क्र.एफसी-॥/एमएच-१८३/२०२२-एनजीपी/१४१६३,
दि.११.०४.२०२५.

३) प्रकल्प यंत्रणेकडील दिनांक २४.०५.२०२५ रोजीचे पत्र.

४) या कार्यालयाचे पत्र क्र.ब/२०/जमीन/वसं/४६०, दि.१९.०६.२०२५

५) मुख्य वनसंरक्षक, ठाणे यांचेकडील पत्र क्र. कक्ष-१०/ब-२०/वसं/प्र.क्र.३७/२३-२४/
१२९/२०२५-२६, दिनांक ०७.०७.२०२५

६) या कार्यालयाचे पत्र क्र. ब/२०/जमीन/वसं/२००८, दिनांक १७.०७.२०२५

७) वन परिक्षेत्र अधिकारी, खालापूर यांचे पत्र क्र.अ/२०/जमीन/४२१, दि.१४.०८.२०२५

८) सहा. वनसंरक्षक, पनवेल यांचे पत्र क्र. अ/योजना/५६९, दिनांक ०४.०९.२०२५

केंद्र शासनाचे संदर्भित पत्र क्रमांक २ अन्वये वन (संवर्धन) अधिनियम, १९८० अंतर्गत विषयांकित वनजमीन मागणीचा सर्वसाधारण अट क्रमांक १.१ ते १.२३ चे अटींच्या अधिन राहून अंतिम मान्यता प्रदान करण्यात आली आहे. त्याअनुषंगाने प्रकल्प यंत्रणेकडील संदर्भित पत्र क्रमांक

३ अन्वये अंतिम मंजूरी पत्रातील अटी / शर्तीचा पूर्तता अहवाल पाच प्रतीत सादर केला आहे. त्याअनुषंगाने या कार्यालयाचे संदर्भित पत्र क्रमांक ४ अन्वये सदर पूर्तता अहवाल केंद्रशासनास आपलेमार्फत सादर करणेत आलेला आहे. तदनंतर मुख्य वनसंरक्षक, ठाणे यांचेकडील संदर्भित पत्र क्र. ५ अन्वये अंतिम मंजूरी पत्रातील अटी / शर्तीचा पूर्तता अहवालाच्या अनुषंगाने अट क्रमांक २, ३, ११ व १२ बाबत पुर्तता झालेली नसल्याने, मुद्दे उपस्थित करून पुर्तता अहवाल सादर करणेबाबत कळविले आहे.

त्यानुसार केंद्र शासनाचे दिनांक ११.०४.२०२५ रोजीचे अंतिम मंजूरी पत्रातील अट क्रमांक २ च्या अनुषंगाने वन परिक्षेत्र अधिकारी, खालापूर यांना प्रस्तावित प्रकल्पाचे सिमांकन करणेसाठी लागणारे आवश्यक खर्चाचे अंदाजपत्रक तयार करून सहायक वनसंरक्षक यांचेमार्फत सादर करणेबाबत संदर्भित पत्र क्रमांक ६ अन्वये कळविणेत आलेले होते. तदनंतर वन परिक्षेत्र अधिकारी, खालापूर यांचेकडील संदर्भित पत्र क्रमांक ७ अन्वये प्रस्तावीत प्रकल्पाचे वनक्षेत्राचे सिमांकनाचे (Boundry Demarcation Pillars) रक्कम रु.६,६९,१४५/- (सहा लक्ष एकोणसत्तर हजार एकशे पंचेचाळीस मात्र) चे अंदाजपत्रक सहायक वनसंरक्षक, पनवेल यांचेमार्फत सादर केले आहेत.

त्याअनुषंगाने अंतिम मंजूरी पत्रातील अट क्रमांक १.२ - प्रकल्पात बाधीत होणारे वनक्षेत्राचे सिमांकनाचे अंदाजपत्रकीय रक्कम रु. ६,६९,१४५/- (सहा लक्ष एकोणसत्तर हजार एकशे पंचेचाळीस मात्र) कॅम्पाकडे जमा करून व उर्वरित उपस्थित केलेल्या मुद्द्याचा परिपुर्ण पुर्तता अहवाल आवश्यक दस्तऐवजसह (आंग्ल भाषेत) ५ प्रतीत या कार्यालयास सादर करावा.

सहपत्र - वरिलप्रमाणे


(राहुल पाटील, भा.व.से.)

उप वनसंरक्षक,
अलिबाग वन विभाग, अलिबाग.

प्रतिलिपी :- मुख्य वनसंरक्षक ठाणे, यांचेकडे माहितीसाठी सादर.

प्रत:- सहायक वनसंरक्षक, पनवेल व वन परिक्षेत्र अधिकारी, खालापूर यांचे माहिती व जरूरत्या कार्यवाहीसाठी रवाना.



महाराष्ट्र वन विभाग
वृक्षवल्ली आम्हां सोबरे वनघरे



सहा. वनसंरक्षक, (प्रादेशिक व वन्यजीव), पनवेल यांचे कार्यालय

तक्का वन वसाहत तक्कागाव पनवेल जिल्हा रायगड

दुरध्वनी क्र. 022 27452759 पिनकोड -410 206

जा. क्र. अ/योजना/ ५६९/2025-26,

दिनांक: ०८/०८/2025.

पत्र

प्रति,

मा.उपवनसंरक्षक

अलिबाग वनविभाग अलिबाग.

विषय - वनजमीन रायगड

Diversion of 5.733 Ha Restored land (Restored before 25/10/1980) in favour of Govind Jivraj Vaghani for Non Forest activities ie forest villas Tourist roads Eco Tourism activities etc in Raigad District in the state of Maharashtra

संदर्भ- 1. वनक्षेत्रपाल खालापूर यांचेकडील जा.क्र.अ-/20/जमीन/421 दि. 14/08/2025

महोदय,

वनक्षेत्रपाल खालापूर यांनी उपरोक्त संदर्भान्वये Diversion of 5.733 Ha Restored land (Restored before 25/10/1980) in favour of Govind Jivraj Vaghani for Non Forest activities ie forest villas Tourist roads Eco Tourism activities etc in Raigad District वनजमीन मागणीचा प्रस्तावास तत्त्वतः मंजूरी प्रदान केली असल्याने सदर प्रस्तावीत अट क्रमांक 3 चे अनुशंगाने वनक्षेत्रपाल खालापूर यांनी उपरोक्त संदर्भान्वये कलोते मोकाशी येथील सर्व्हे नं.7,82/5,215,145,136 चे सभोवार सिमाकन करणेकरीता बॉन्ड्रीपिलर्सचे अंदाजपत्रके तयार करून ते या कार्यालयामार्फत सादर केले असून ते सोबत पुढील कार्यवाहीसाठी सादर करित आहोत.

सहपत्र संदर्भीत अंदाजपत्रके

(सा.शं.माळी)

सहाय्यक वनसंरक्षक(प्रादे. व वन्य)
पनवेल.



वृक्षचल्ली आम्हां सोबरे बनचरे



वनपरिक्षेत्र अधिकारी खालापूर यांचे कार्यालय

मु.पो.ता.खालापूर, जि.रायगड, ४१०२०२

फोन नं.०२१९२-२७५२७२ ई-मेल:- rfokhalapur@gmail.com



जा. क्र. अ/२०/जमिन/४२१/२०२५ - २६

दिनांक : १५/०८/२०२५

प्रति,
मा. उपवनसंरक्षक,
अलिबाग

उपविभागीय वन अधिकारी
यांचे कार्यालय पनवेल
आवक क्र. - १०८५
५.२५/०८/२०२५

विषय :- रायगड वन जमीन

Diversion of ५.७३३ Ha. Restored Private Forest Land (Restored before २५/१०/१९८०) in favour of Govind Jivrajbhai Vaghani for Non-Forest activities ie., Forest villas. Tourist suites, Internal roads, Eco-Tourism activities etc.in Raigad District in the state of Maharashtra

संदर्भ :- १. आपलेकडील पत्र क्र. ब/२०/जमिन/वसं/२००८/२०२५-२६ दि. १७/०७/२०२५
२. वनपाल निगडोली यांचेकडील पत्र क्र. ७७/२०२५-२६ दि. ३१/०७/२०२५

उपरोक्त संदर्भास अनुसरून विषयांकीत प्रकरणाचे केंद्र शासनाचे दिनांक ११/०८/२०२५ रोजीचे अंतीम मंजूरी पत्रातील अट क्र. २ च्या अनुशंगाने प्रस्तावीत प्रकल्पाचे सिमांकण करणेसाठी लागणारे आवश्यक खर्चाचे अंदाजपत्रक या सोबत पुढील कार्यवाहीसाठी सविनय सादर.

सोबत रकम रु. ६,६९,१५५/- चे अंदाजपत्रक जोडले आहे.

(राजेंद्र मामणिकराव पवार)
वनपरिक्षेत्र अधिकारी
खालापूर

मा. सहा. वनसंरक्षक, पनवेल यांचेमार्फत सविनय सादर.



GOVERNMENT OF MAHARASHTRA
FOREST DEPARTMENT
ALIBAG

DETAILED ESTIMATE AND PLAN

NAME OF WORK :-Construction of Concrete Boundary Pillars Class I & Class II In Village Kalote Mokashi Gut. N. 53, 328, 363, 479, 520 In Beat Kalote Mokashi In Round Nigdoli In Range Khalapur, Forest Division Alibag.

ESTL,ATED COST : RS 669145

SSR 2022-23

Royalty Statement

NAME OF WORK :-Construction of Concrete Boundary Pillars Class I & Class II In Village Kalote Mokashi Gut. N. 53, 328, 363, 479, 520 In Beat Kalote Mokashi In Round Nigdoli In Range Khalapur, Forest Division Alibag.

Sr.N	SSR	Description of the Item	Unit	Total Qty. of Item		Murum		Sand		Rubble	
						Coefi	Qty	Coefi	Qty	Coefi	Qty
1	21.34	Removing grass, gazer grass and disposing off out	Square		36.9	0	0	0	0	0	0
2	21.01	Excavation for foundation in earth, soil of all types,	Cubic		5.55	0	0	0	0	0	0
3	11.28	Providing cast in situ / ready mix M10 grade cement	Cubic		10.54	0	0	0.47	4.95	0	0
4	32.01	Providing internal cement plaster 6 mm thick in a single	Square		66.89	0	0	0.008	0.51	0	0
6	35.12	Providing and applying two coats of flat oil paint of	Square		5.3	0	0	0	0	0	0
7	6.05	Painting letters upto 20 cm height complete brushes, coir	Number		640	0	0	0	0	0	0
8	35.26	Providing and applying two coats of exterior weather	Square		35.38	0	0	0	0	0	0
Total Qty.											
Royalty Charges per Cum									5.46		0
Deduct Royalty Amount Rs.									237.37		216.18
Total Amount Rs.1297									1296.55		0



**Range Forest Officer
Khalapur**

FACE SHEET

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

Estimate framed in the office of the -----of
the probable expenses that will incurred in the Construction of

NAME OF WORK :-Construction of Concrete Boundary Pillars Class I & Class II In Village Kalote
Mokashi Gut. N. 53, 328, 363, 479, 520 In Beat Kalote Mokashi In Round Nigdoli In Range Khalapur,
Forest Division Alibag.

669145

Administrative approved under No.

Dated

Technically sanctioned under No.

Dated

Estimate prepared by Shri Range Forest Officer, Khalapur

Call of Authority

ALIBAG

General Description as per separate sheet attached

Note :- 1 As per the Govt. of maharashtra Revenue and Forest Departments notification Royalty charges Rs 600/Brass, i.e. Rs.212.95/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 SSR royalty charges are included in the repective all item and supply of nature minarals i.e. Rubble, sand, Murum etc. Hence deduction for the same is made from the agency.

Note:- 2 While executing the work the reinforcement detail i.e. Diameter of bar,Length of individual bar,No of Bar,etc.should be actualy recorded in the M.B.(Measurement Book)as laid on site for respective RCC Items.the Quantity shall be calculated on the basis of weight per meter lengthof respective diameter of the bar.and the payment should be made on this actually used steel for respective works.do not copy the quantity which is considered as on adhoc basis in the estimate.


Range Forest Officer,
Khalapur

GENERAL REPORT

NAME OF WORK :-Construction of Concrete Boundary Pillars Class I & Class II In Village Kalote Mokashi Gut. N. 53, 328, 363, 479, 520 In Beat Kalote Mokashi In Round Nigdoli In Range Khalapur, Forest Division Alibag.

Estimate Amount Rs.

669145

Authority : Alibag

Necessity : Protection Purpose

Provision : Following provisions are made in this Estimate

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

Excavation ; Excavation in soft Murum.

M10 For Pillar : Providing cast in situ / ready mix M10 grade cement concrete for head walls of CD work / retaining walls etc. including necessary form work, compaction, finishing and curing etc. complete. (with reversible drum type mixer/ concrete batch mix plant (pan mixer) with SCADA with fine aggregates of required specifications (Natural sand / VSI sand finely washed etc), cement 4.05 bags/cumt)

Plaster : 6mm plaster on concrete surface

Paint :

Roofing :

Rope :

Railing :

Rates : Rates adopted in the Estimate are as per SSR 2023-23 w.e.f 25-07-2022.

Specification : The work will be carried out as per standard specification of public work deaprtment and as directed by Engineer-incharge from time to time.


Range Forest Officer, Khalapur

RECAPUTILATION SHEET

NAME OF WORK :-Construction of Concrete Boundary Pillars Class I & Class II In Village Kalote Mokashi
Gut. N. 53, 328, 363, 479, 520 In Beat Kalote Mokashi In Round Nigdoli In Range Khalapur, Forest Division
Alibag.

Cost of Proper Civil Work	Rs.	549528.66	
Add 18 % for G.S.T.	Rs.	98915.16	
Insurance 0.50%	Rs.	778.06	
Add Royalty Charges	Rs.	2747.64	
Add Quality Control	Rs.	690.00	
Add 3% Contingencies on	Rs.	16485.86	
Total	Rs.	669145.38	
Total Amount Rs.		669,145	


Range Forest Officer
Khalapur

NAME OF WORK :-Construction of Concrete Boundary Pillars Class I & Class II In Village Kalote Mokashi Gut. N. 53, 328, 363, 479, 520 In Beat Kalote Mokashi In Round Nigdoli In Range Khalapur, Forest Division Alibag.

ABSTRACT

Quantity	Item	Description	Rate	Unit	Amount
1	2	3	4	5	6
15225	1	Removing grass, gazer grass and disposing off out of building premises including making clean the ground by shovel and phavaras etc. complete.	6.474	Square Metre	98566.65
15.435	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 3.00 m.) By Manual Means	257.881	Cubic Metre	3980.39
30.275517	3	Providing cast in situ / ready mix M10 grade cement concrete for head walls of CD work / retaining walls etc. including necessary form work, compaction, finishing and curing etc. complete. (with reversible drum type mixer/ concrete batch mix plant (pan mixer) with SCADA with fine aggregates of required specifications (Natural sand / VSI sand finely washed etc), cement 4.05 bags/cumt)	10157.193	Cubic Meter	307514.27
184.293	4	Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete.	224.461	Square Metre	41366.59
13.4895	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 preparing the surface (excluding primer coat) etc. complete.	108.979	Square Metre	1470.07

1632	6	Painting letters upto 20 cm height complete brushes, coir brushers, dusting, cleaning, including cost of paint etc. complete.	31.291	Number	51066.912
143.145	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 Number 15 to 18 prior approval of Superintending Engineer will be necessary	318.305	Square Metre	45563.77
Total Amount Rs.					549528.7


Range Forest Office
Khalapur

NAME OF WORK :-Construction of Concrete Boundary Pillars Class I & Class II In Village Kalote Mokashi Gut. N. 53, 328, 363, 479, 520 In Beat Kalote Mokashi In Round Nigdoli In Range Khalapur, Forest Division Alibag.

Mesurement Sheet

ITEM OF WORK	NO	L	B	D/H	QTY	Unit
ITEM NO.1	21.34					
Removing grass, gazer grass and disposing off out of building premises including making clean the ground by shovel and phavaras etc. complete.						
<i>As directed by Engineer in</i>						
Class I Pillar						
	33	100	2.00	2.00	13200	Sq.M
Total pillars	33					
Class II Pillar						
	18	50	1.50	1.50	2025	Sq.M
Total pillars	18			Net Qty	15225	Sq.M
<i>Square Metre</i>						
ITEM NO.2	21.01					
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						
<i>Bd.A.1 Page Number 259</i>						
Class I Pillar						
	33	1.10	1.10	0.30	11.979	Cum
Class II Pillar						
	18	0.80	0.80	0.30	3.456	Cum
				Total QTY	15.435	Cum
<i>Cubic Metre</i>				Net QTY	15.435	Cum
ITEM NO.3	11.28					
Providing cast in situ / ready mix M10 grade cement concrete for head walls of CD work / retaining walls etc. including necessary form work, compaction, finishing and curing etc. complete. (with reversible drum type mixer/ concrete batch mix plant (pan mixer) with SCADA with fine agreeegates of required specifications (Natural sand / VSI sand finely washed etc), cement 4.05						
<i>CD 8 Page 163</i>						
Class I Pillar						
volumn of pillar = H/3 (A1+A2+ √A1*A2 A1 0.60X0.60 =0.36 SQ.MT, A2 0.90X0.90=0.81 SQ.MT H=1.30		= 1.30/3 (0.36+0.81)+ √0.36*0.81= 0.741				
	33	0.741			24.453	
	33	0.23	0.23	0.23	0.402	Cum

ITEM OF WORK	No	L	B	D/H	QTY	UNIT
Class II Pillar						
volumn of pillar $= H/3 (A_1 + A_2 + \sqrt{A_1 \cdot A_2})$ $A_1 0.45 \times 0.45 = 0.20 \text{ SQ.MT, } A_2 0.60 \times 0.60 = 0.36 \text{ SQ.MT } H=1.05$				$= 1.05/3 (0.2 + 0.36 + \sqrt{0.2 \cdot 0.36})$ $= 0.289$		
	18	0.289			5.20	
	18	0.23	0.23	0.23	0.22	Cum
Cubic Meter				Net Qty	30.28	CUM
ITEM NO.4	32.01					
Providing internal cement plaster 6 mm thick in a single coat in cement mortar 1:4 without neeru finish to concrete surface in all positions including scaffolding and curing etc. complete.						
Bd.L.1 Page Number 367						
class I Pillar						
$= 4 * ((0.9 + 0.6)/2) * 1.3 = 3.9$	33	4	0.75	1.30	128.70	Sq.M
Top Area	33	1	0.60	0.60	11.88	Sq.M
class II Pillar						
$= 4 * ((0.6 + 0.45)/2) * 1.05 = 3.38$	18	4	0.53	1.05	40.07	Sq.M
Top Area	18	1	0.45	0.45	3.65	Sq.M
Square Metre				Net Qty	184.29	Sq.M
ITEM NO.5	35.12					
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 preparing the surface (excluding primer coat) etc. complete.						
Bd.O.7 Page Number 406						
class I Pillar						
Top Stone Side	33	4	0.23	0.23	6.98	Sq.M
Top Stone Top	33	1	0.23	0.23	1.75	Sq.M
class II Pillar						
Top Stone Side	18	4	0.23	0.23	3.81	Sq.M
Top Stone Top	18	1	0.23	0.23	0.95	Sq.M
Square Metre				Net Qty	13.49	Sq.M
ITEM NO.6	6.05					
Painting letters upto 20 cm height complete brushes, coir brushers, dusting, cleaning, including cost of paint etc. complete.						
MORTH 801						
class I Pillar	33	8	4		1056.00	Nos
class II Pillar	18	8	4		576.00	Nos
ITEM OF WORK	No	L	B	D/H	QTY	UNIT
Number				Ney Qty	1632.00	Nos
ITEM NO.7	35.26					

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 Number 15 to 18 prior approval of Superintending Engineer will be necessary

As directed by Engineer in charge.						
= $4*((0.9+0.6)/2)*1.3=3.9$	33	4	0.75	1.00	99.00	Sq.M
Top Area	33	1	0.6	0.60	11.88	Sq.M
class II Pillar						
= $4*((0.6+0.45)/2)*1.05=3.38$	18	4	0.53	0.75	28.62	Sq.M
Top Area	18	1	0.45	0.45	3.65	Sq.M
Square Metre				Net Qty	143.145	Sq.M


Range Forest Officer
Khalapur

NAME OF WORK :-Construction of Concrete Boundary Pillars Class I & Class II In Village Kalote Mokashi Gat. N. 53, 328, 363, 479, 520 In Beal Kalote Mokashi In Round Nigdoli In Range Khalapur, Forest Division Alibag.

Rate Analysis -As per SSR 2022-23

SR.NO	SSR ITEM NO	Description of the item	Unit	Rate	Deduct 21% labour cess and over head charges		Deduct For SCADA For Concrete Items	Sub Total	Add 10 % for Tribal Area	ADD CARTING OF MATERIALS AS PER LATEST RATE										Total	Add labour cess and overhead charges previously deducted	Final Rate Adopted
					21.00%	126	126			Build					Rd.							
										Cement	Sand	Gravel	Bricks	Stone	Murum	Steel	Tiles	Amt	cement			
1	21.34	Removing grass, get on grass and disposing off	Square Metre	6.00	1.26	0.00	0.00	4.74	0.47	0	0	0	0	0	0	0	0	0	0.00	0.00	1.26	6.47
2	21.01	Excavation for foundation in earth, soil of all types, sand, gravel and soft	Cubic Metre	239	50.19	0.00	0.00	188.81	18.88	0	0	0	0	0	0	0	0	0	0.00	0.00	50.19	257.9
3	11.28	Providing cast in situ /ready mix M10 grade cement concrete for head	Cubic Metre	8717	1838.57	126.00	126.00	6760.43	676.0	0.47	266.4	4.4	90.90	0.94	532.85	890.15	0	0	890.15	890.15	1838.57	10157.2
4	32.01	Providing internal cement plaster 6 mm thick in a	Square Metre	203	42.63	0.00	0.00	160.37	16.04	0.0076	4.308	0.054	1.116	0	0	0	0	0	5.424	5.424	42.63	224.46
5	35.12	Providing and applying two coats of /flur oil paint	Square Metre	101	21.21	0.00	0.00	79.79	7.98	0	0	0	0	0	0	0	0	0	0	0	21.21	100.0
6	6.05	Painting letters upto 20 cm height complete brushes,	Number	29	6.09	0.00	0.00	22.91	2.29	0	0	0	0	0	0	0	0	0	0	0	6.09	31.29
7	35.26	Providing and applying two coats of exterior weather shield paint of	Square Metre	295	61.95	0.00	0.00	233.05	23.31	0	0	0	0	0	0	0	0	0	0	0	61.95	318.31


Range Forest Officer
Khalapur

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Lead Charges State SSR 2022-23

Sr. No	Material	Location	Lead	Lead	Unit	Total Lead
1	Murum, Building Rubish, Earth	Local	25	543.24	Cu.M	543.24
2	Excavated Rock soling stone	Barvai	25	693.5	Cu.M	693.5
3	Sand	Barvai	25	566.86	Cu.M	566.86
4	Stone below 40 mm,	Barvai	25	566.86	Cu.M	566.86
5	Stone aggregate 40mm above	Barvai	25	543.24	Cu.M	543.24
6	Cement, Lime	Khopoli	25	413.27	M.T	413.27
	Cement				Per Bag	20.66

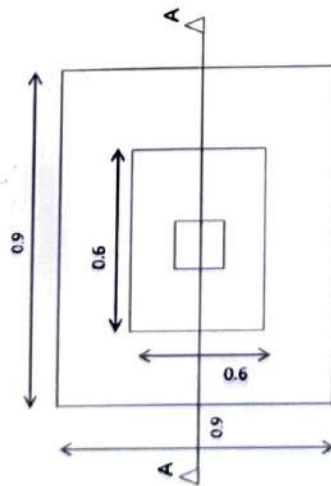
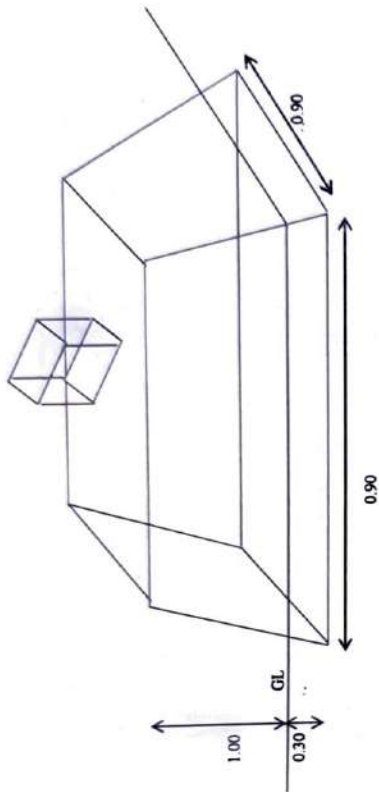
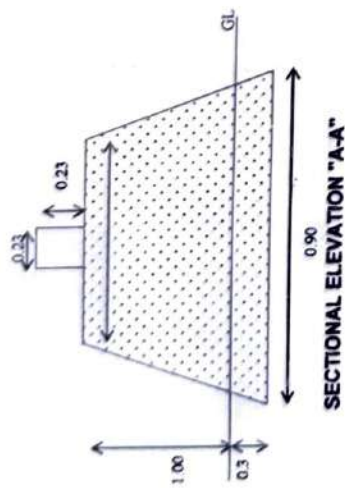

Range Forest Officer
Khalapur

NAME OF WORK :-Construction of Concrete Boundary Pillars Class I & Class II In Village Kalote Mokashi Gut. N. 53, 328, 363, 479, 520 In Beat Kalote Mokashi In Round Nigdoll In Range Khalapur, Forest Division Allibag.

Sr. No.	Description of material	As per V.Q.C.		No.of test	Rate	Amount	Remark
		Type of	Frequen				
1	2	4	5	6	7	8	9
1	Cement concret M-	Compres		1	690	690	
Total						690	


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BOUNDARY PILLAR (CLASS - I)

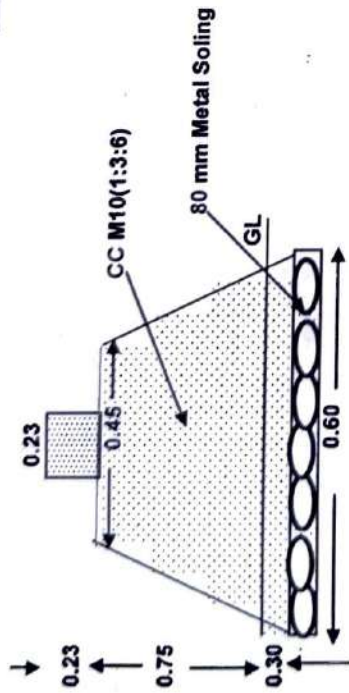


ISOMETRIC ELEVATION

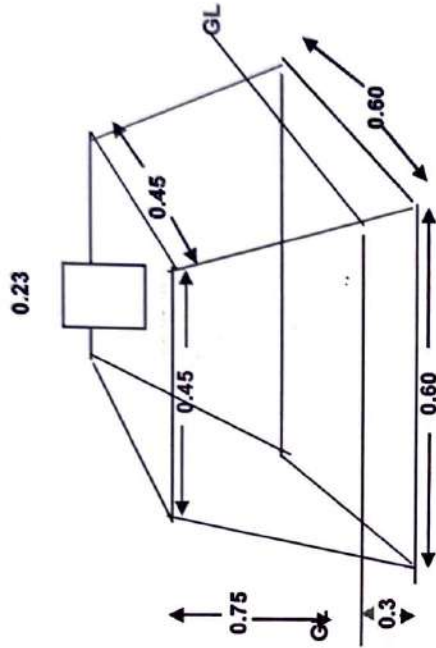
A1 Top Area	$= 0.6 \times 0.6 = 0.36 \text{ SQM}$
A2 Bottom Area	$= 0.9 \times 0.9 = 0.81 \text{ SQM}$
H (Total Height)	$= 1.30 \text{ M}$
H1 (Below GL)	$= 0.30 \text{ M}$
H2 (Above GL)	$= 1.00 \text{ M}$
Volume	$= H/3 \times (A1 + A2 + \sqrt{A1A2})$
	$= 1.30/3 \times (0.36 + 0.81 + \sqrt{0.36 \times 0.81})$
	$= 0.741 \text{ CUM}$
Volume for pedestal	$= 0.23 \times 0.23 \times 0.23 = 0.012 \text{ CUM}$
Total Volume For Pillar	$= 0.741 + 0.012 = 0.753 \text{ CUM}$

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Class - II



SECTIONAL ELEVATION



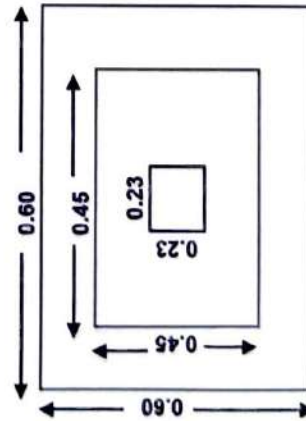
ISOMETRIC ELEVATION

DATAS:

A1 (Top Area)
A2 (Bottom Area)
H Total Height
H1 Below GL
H2 Above GL
Volume

= 0.45×0.45 = 0.20
= 0.60×0.60 = 0.36
= 1.05 M
= 0.30 M
= 0.75 M
= $H/3 \times (A1 + A2 + \sqrt{A1A2})$
= $1.05/3 \times (0.20 + 0.36 + \sqrt{0.20 \times 0.36})$
= 0.289 Cum

Sqm
Sqm



PLAN

Range Forest Officer
Khalapur