



Government of Maharashtra

Office of the Divisional Forest Officer,

Mangrove Division North Konkan

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No. Desk-9/Land/ **3787** /2024-25

Date: **24** / 03 /2025

To,

The Executive Engineer (Bridges)
(Z-IV & R/South)
Brihanmumbai Municipal Corporation, Mumbai

Subject:- Diversion of 0.7112 ha identified Private forest land for Construction of Bridge over Ramchandra Nalla, near Evershine Nagar to Marve Road in P/N Ward at Village Valnai, Tal. Borivali in Mumbai Suburban District in the state of Maharashtra.

(FP/MH/ROAD/146738/2021).

Reference:- MoEF&CC, Regional Office, Nagpur office letter FC-I/MH-398/2025-NGP/13938, dated-23/01/2025.

MoEF&CC, Regional Office, Nagpur vide letter under reference has accorded Principal Approval for Diversion of 0.7112 ha identified Private Forest land for Construction of Bridge over Ramchandra Nalla, near Evershine Nagar to Marve Road in P/N Ward at Village Valnai, Tal. Borivali in Mumbai Suburban District in the state of Maharashtra, subject to fulfilment of following terms and conditions.

The point-wise compliance of conditions imposed by MoEF&CC, Regional Office, Nagpur to be done is as under: -

S. No.	Condition	Action to be taken by the user agency to fulfill the same
1.	The legal status of the forest land shall remain unchanged;	The User Agency has to submit an undertaking in this regard.
2.	The boundary of the diverted forest land, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars. each inscribed with its serial number, forward and back bearing and distance from pillar to pillar.	The User Agency has to deposit the total amount of Rs. 1,59,011/- to MAHARASHTRA CAMPA for erecting four feet high reinforced cement concrete pillars on the boundary of the diverted forest land.
3.	The State Government shall realize cost towards raising of 100 numbers of trees from the User Agency.	The User Agency has to deposit the total amount of Rs. 5,66,008/- to MAHARASHTRA CAMPA towards raising and maintenance of 10 times the trees to be felled under the project.

4.	The State Government shall charge the Net Present Value of the diverted forest land measuring 0.7112 ha. from the User Agency as per the orders of the Hon'ble Supreme Court dated 28.03.2008 and 09.05.2008 in IA Nos.826 in 566 with related IA's in Writ Petition (Civil) No.202/1995 and Ministry's guideline.	The User Agency has to deposit the total amount of Rs. 7,94,339/- to MAHARASHTRA CAMPA towards Net Present Value as per the orders of the Hon'ble Supreme Court of India dated 28/03/2008, 24/04/2008 and 09/05/2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No. 5-3/2011-FC (Vol-I) dated-06/01/2022 in this regard.
5.	Additional amount of the Net Present Value (NPV) of the diverted forest land if any, becoming due after revision of the same by the Hon'ble Supreme Court of India in future, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect;	The User Agency has to submit an undertaking to pay the additional amount of NPV, if so determined by the State Forest Department.
6.	All the funds received from the User Agency under the project shall be transferred/ deposited to CAMPA fund only through e-portal (https://parivesh.nic.in/);	The User Agency has to deposit the total cost of Rs. 15,19,328/- (in words Rupees Fifteen Lakh Nineteen Thousand Three Hundred and Twenty Eight only) in MAHARASHTRA CAMPA account *through e-portal (https://parivesh.nic.in/) and submit the copy of Challan/RTGS Acknowledgement of the payment deposited with the compliance report.
7	State Government, Maharashtra/ Nodal Officer (FCA), Maharashtra shall ensure settlement of rights under the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (No. 2 of 2007) before issuing an order for handing over of forest land or working permission to the User Agency as the case may be	The User Agency has to submit Original FRA, 2006 certificate issued by District Collector along with English translated copies of documentary evidences in the form of copies of the resolutions of the concerned Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) recording their consent for the proposal and bearing signature of the participants.
8	No tree felling shall be carried out in the diverted area. However, as the area proposed for diversion is a mangrove area, as reported by the State authorities, the User Agency may obtain permission from the Hon'ble High Court prior to commencement of the project work;	The User Agency has to submit an undertaking in this regard.
9	The User Agency shall obtain CRZ clearance, if required for the project;	The User Agency has to submit the CRZ Clearance, if required for the project.
10	The State/ UA shall ensure all other approvals/ permission under relevant rules/ regulation, if any required prior to commencement of the project work.	The User Agency has to submit an undertaking in this regard.

11	Proper labour camps shall be constructed in the non-forest area and in any case, labour camp shall not be made within the RF area;	The User Agency has to submit an undertaking in this regard.
12	User Agency shall obtain Environmental Clearance as per the provisions of the Environmental (Protection) Act, 1986, if applicable;	The User Agency has to submit an undertaking in this regard.
13	Sufficient firewood, preferably the alternate fuel, shall be provided by the User Agency to the labourers after purchasing the same from the State Forest Department or the Forest Development Corporation or any other legal source of alternate fuel;	The User Agency has to submit an undertaking in this regard.
14	No additional or new path will be constructed inside the forest area for the transportation of construction materials for execution of the project work;	The User Agency has to submit an undertaking in this regard.
15	The forest land proposed to be diverted shall under no circumstances be transferred or sublet to any other agencies, department or person without prior approval of Govt. of India;	The User Agency has to submit an undertaking in this regard.
16	The total forest area utilized for the project shall not exceed 0.7112 ha. and the forest area diverted shall not be used for any purpose other than those shown in the diversion proposal. The User Agency shall furnish an undertaking to this effect;	The User Agency has to submit an undertaking in this regard.
17	The User Agency and the State Government shall ensure compliance to the all acts, rules, regulation and guidelines of the Ministry, for the time being in force, as applicable to the subject project;	The User Agency has to submit an undertaking in this regard.
18	Any other condition that the Regional Office, Nagpur may impose from time to time in the interest of afforestation, conservation and management of flora and fauna in the area shall be complied by the User Agency;	The User Agency has to submit an undertaking in this regard.
19	In the event of failure to comply with any of the above conditions the User Agency is liable for penal action as per the rules / guidelines issued under Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980,	The User Agency has to submit an undertaking in this regard.

20	The State Government shall process and submit compliance report on the above conditions through online (https://parivesh.nic.in/).	The User Agency has to submit an undertaking in this regard.
21.	The State Government shall issue working permission only after ensuring compliance to all such condition(s) as per the provision of Van (Sanrakshan Evam Samvardhan) Rules 2023.	The User Agency has to submit an undertaking in this regard.

Therefore, this is to inform you that the compliance report of all the above conditions shall be submitted at the earliest so as to enable this office to process the proposal for obtaining formal approval from MoEF&CC. It is also to inform you that unless and until the *Working Permission* is granted by the Chief Conservator of Forests (T) Thane, the work under the said project shall **not** be started in the forest area, or else it will be treated as violation of the provisions of Van (Sanrakshan Evam Samvardhan) Act, 1980 and guidelines thereunder and the necessary action will be taken as per the guidelines of Van (Sanrakshan Evam Samvardhan) Act, 1980 and Van (Sanrakshan Evam Samvardhan) Rules, 2023.


 (Deepak P. Khade)
Divisional Forest Officer
Mangrove Division North Konkan

Copy submitted to the Additional Principal Chief Conservator of Forests, Mangrove Cell, Mumbai for information and necessary action please.



**GOVERNMENT OF MAHARASHTRA
FOREST DEPARTMENT**



**MANGROVE DIVISION-NORTH KONKAN
WEST MUMBAI RANGE**

DETAIL ESTIMATE 22 Pillars

GPS READING

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**Name Of Work :- Construction of Boundry Demarcation Pillars for work
"Diversion of 0.7112 ha. forest land for construction of Bridge over
Ramchandra Nalla near Evershine Nagar to Marve road in P/N ward village
Walnai Tal. Borivali Dist. Mumbai Suburban by Municipal Corporation
of Greater Mumbai" in West Mumbai Range of Mangrove Division-North**

**Work Portion Amount Rs. 131677.97
Grand Total Amount Rs. 159011.00**

FACE SHEET

Division :- Mangrove Division-North Konkan.
Sanction Estimate :-
Fund Head :-
Major Head :-
Minor Head :-
Service Head :-
Departmental Head :-

Estimate framed in the office of the Range Forest Office, West Mumbai Range in Mangrove Division North Konkan and the probable expenses that will incurred in the Construction of Permanent Boundary Demarcation

Name Of Work :- Construction of Boundry Demarcation Pillars for work "Diversion of 0.7112 ha. forest land for construction of Bridge over Ramchandra Nalla near Evershine Nagar to Marve road in P/N ward village Walnai Tal. Borivali Dist. Mumbai Suburban by Municipal Corporation of Greater Mumbai" in West Mumbai Range of Mangrove Division-North

Work Portion Amount Rs. 131677.97
Grand Total Amount Rs 159011.00

Administrative approved under No.
Technically sanctioned under No.

Dated
Dated

Estimate prepared by Shri

Estimate Checked by Shri

Call of Authority Divisional Forest Officer, Mangrove Division-North Konkan.

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,Murum etc.Hence deduction for the same is made from the agency.

General Description as per separate sheet attached

RFO

वनपरिक्षेत्र अधिकारी,
पश्चिम मुंबई (कांदळवन)

ACF

Divisional Forest Officer
Mangrove Division-North Konkan.

GENERAL REPORT

Name Of Work :- Construction of Boundry Demarcation Pillars for work "Diversion of 0.7112 ha. forest land for construction of Bridge over Ramchandra Nalla near Evershine Nagar to Marve road in P/N ward village Walnai Tal. Borivali Dist. Mumbai Suburban by Municipal Corporation of Greater Mumbai" in West Mumbai Range of Mangrove Division-North Konkan.

Work Portion Amount Rs. 131677.97

Grand Total Amount Rs. 159011.00

Authority Divisional Forest Officer, Mangrove Division-North Konkan.
Necessity Demarcation of the outer boundary of compartment (forest land boundary) is essential for protection and conservation of Mangroves. Therefore, this estimate is prepared.

Provision Following provision are made in this Estimate.

- 1 Clearing the site before given layout
- 2 Excavation for foundation in earth, soil of all types, sand, gravel and soft murum
- 3 Dewatering on BHP basis by using water pump including diversion of stream
- 4 Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids
- 5 Providing and laying Cast in situ/Ready Mix cement concrete in M-15
- 6 Providing and laying concrete pipes of I.S.NP. class of 150mm dia
- 7 Providing and laying Cast in situ/Ready Mix cement concrete in M20
- 8 Providing and applying white-wash in one coat on old / new plastered surfaces
- 9 A Providing and applying two coats of flat oil paint of approved colour and shade
- 10 Painting with approved enamel paint in two coats including cleaning surface and lettering

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-incharge from time to time
Lead Lead for Material Considered in Estimate is Given by RFO, West Mumbai

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 Itt Rates which are inclusive of Material i.e. Rubble, murum, 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 Shedule -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. क. प्रविनी-2314/देयक कपात रकम/ 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 - 1.00%

b) Work value above :- 25.00 Lakhs- 0.50%

1B) As per revised circular issued by Dy. Directorate of Insurance Maharashtra State vide letter No. क. प्रविनी-2314/देयक कपात रकम/ 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

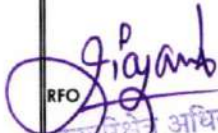
i) The contractor shall produce the work insurance policy, the same will be reimbursed to the contractor. If contractor fails to produce the work insurance policy, Concerned Executive Engineer shall draw the policy, the expenditure incurred for drawing the policy shall be recovered from the 1st R.A.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


RFO
वनपरिक्षेत्र अधिकारी,
पश्चिम मुंबई (कांदलवन)


Divisional Forest Officer
Mangrove Division-North Konkan.


ACF

Name Of Work :- Construction of Boundry Demarcation Pillars for work "Diversion of 0.7112 ha. forest land for construction of Bridge over Ramchandra Nalla near Evershine Nagar to Marve road in P/N ward village Walnai Tal. Borivali Dist. Mumbai Suburban by Municipal Corporation of Greater Mumbai" in West Mumbai

RECAPITULATION SHEET

Sr.No.	ITEM OF WORK	AMOUNT (Rs.)
A	Total Work Portion Amount for Boundary Pillar	Rs. 119275.84
B	Add Royalty Charges for Boundary Pillar Amount	Rs. 1362.13
C	Add Quality Control & Testing Charges for B.Pillar	Rs. 11040.00
D	Total Amount (A + B + C) = D	Rs. 131677.97
E	Add 18% For GST On (A)	Rs. 21470.00
F	Add 0.50% for Labour Insurance On (A)	Rs. 596.00
G	Add 4% Contigensis On (D) = G	Rs. 5267.00
H	Gross Total Amount Rs (D+E +F+G) = H	Rs. 159010.97
		Say Rs. 159011.00


RFO
West Mumbai


ACF
Mangrove Division-North Konkan.

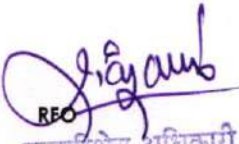

Divisional Forest Officer
Mangrove Division-North Konkan.

Name Of Work :- Construction of Boundry Demarcation Pillars for work "Diversion of 0.7112 ha. forest land for construction of Bridge over Ramchandra Nalla near Evershine Nagar to Marve road in P/N ward village Walnai Tal. Borivali Dist. Mumbai Suburban by Municipal Corporation of Greater Mumbai" in West Mumbai Range of Mangrove Division-North Konkan.

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	49.50	6.25	309.38
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	12.18	215.20	2621.14
3	Dewatering on BHP basis by using water pump including diversion of stream, providing cofferdams, earthen bunds etc. as may be necessary for foundation and other parts of the the works and pumping out water during and after excavation as may be required by using 3.0 BHP pump etc. complete. (prior approval of Superintending Engineer will be necessary)	Hr	22.00	186.05	4093.1
4	Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete.	Cum	2.48	2540.65	6299.29
5	Providing and laying Cast in situ/Ready Mix cement concrete in M-15 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	Cum	1.08	7906.65	8523.37
6	Providing and laying concrete pipes of I.S.NP. class of 150mm diameter in proper line, level and slope including necessary collars, excavation, laying, fixing with collars in cement mortar 1:1 and refilling the trench	Rmt	44.00	550.95	24241.8
7	Providing and laying Cast in situ/Ready Mix cement concrete in M20 of trap / ranite/quartzite/gneiss metal for bed blocks, foundation blocks and such other items including bailing out water, Steel centering, formwork, laying/ pumping, compacting, roughening themif special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The ement Mortar 1:3 plaster is considered for rendering uneven and oneycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), with fully utomatic micro processor based PLC with SCADA enabled versible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine	Cum	7.07	8227.95	58196.29
8	Providing and applying white-wash in one coat on old / new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing and brooming down etc. complete.	Sqmt	10.80	8.30	89.66

9	A 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	Sqmt	10.80	105.00	1134.21
10	Painting with approved enamel paint in two coats including cleaning surface and lettering for Boundary Stonestone etc. complete.	Nos	308.00	44.70	13767.6

Total Work Portion Rs.=(A) 119275.84


RFO
वनपरिक्षेत्र अधिकारी,
पश्चिम मुंबई (कांदळवन)


Divisional Forest Officer
Mangrove Division-North Konkan


ACF
Mangrove Division-North Konkan.

Name Of Work :- Construction of Boundry Demarcation Pillars for work "Diversion of 0.7112 ha. forest land for construction of Bridge over Ramchandra Nalla near Evershine Nagar to Marve road in P/N ward village Walnai Tal. Borivali Dist. Mumbai Suburban by Municipal Corporation of Greater Mumbai" in West Mumbai Range of Mangrove Division-North Konkan.

MEASUREMENT SHEET

Total Nos of Boundary Pillars = 22.00 Nos

ITEM OF WORK	Unit	NO	L	B	D/H	QTY.
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 Boundary Pillar	Sqmt	22.00	1.50	1.50		49.50
				Net Qty.		49.50
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 Boundary Pillar	Cum	22.00	0.70	0.70	1.13	12.18
				Net Qty.		12.18
ITEM NO. 3						
Dewatering on BHP basis by using water pump including diversion of stream, providing cofferdams, earthen bunds etc. as may be necessary for foundation and other parts of the the works and pumping out water during and after excavation as may be required by using 3.0 BHP pump etc. complete. (prior approval of Superintending Engineer will be necessary)						
Spec.No. :BR 4 B Page No.104,105						
S.S.R. Item No.12.22/Page No.104						
For Total No. of Boundary Pillar	Cum	22.00			1.00	22.00
				Net Qty.		22.00
ITEM NO. 4						
Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete.						
As directed by Engineer in charge.						
S.S.R. Item No.21.40 /Page No.194						
For Total No. of Boundary Pillar	Cum	22.00	0.70	0.70	0.23	2.48
				Net Qty.		2.48
ITEM NO. 5						
Providing and laying Cast in situ/Ready Mix cement concrete in M-15 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, com packing, 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						
Spec.No. :Bd.E.2 Page No. 288						
S.S.R. Item No.24.04/Page No.215						
For Total No. of Boundary Pillar	Cum	22.00	0.70	0.70	0.10	1.08
				Net Qty.		1.08

ITEM NO.6

Providing and laying concrete pipes of I.S.NP. class of 150mm diameter in proper line, level and slope including necessary collars, excavation, laying, fixing with collars in cement mortar 1:1 and refilling the trench complete.

Spec. No. Bd.V.41 Page No.573

S.S.R. Item No.42.07 /Page No.342

For Total No. of Boundary Pillar

Rmt	22.00	2			44.00
			Net Qty.		44.00

ITEM NO.7

Providing and laying Cast in situ/Ready Mix cement concrete in M20 of trap / ranite/quartzite/gneiss metal for bed blocks, foundation blocks and such other items including bailing out water, Steel centering, formwork, laying/ pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The cement Mortar 1:3 plaster is considered for rendering uneven and honeycombed surface only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), with fully automatic micro processor based PLC with SCADA enabled variable Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Natural Sand / Crushed sand VSI

Spec.No.: Bd.E.4 Page No.289

S.S.R. Item No.24.10/Page No.216

For Total No. of Boundary Pillar

Foundation block Below G.L

Foundation Block Above G.L

Inside Pipe [A=(pi x r x r)xl]

Deduction For Pipe [A=(pi x r x r)]

Cum	22.00	0.6	0.6	0.8	6.336
Cum	22.00	0.45	0.45	0.2	0.891
Cum	22.00		0.01	1.3	0.286
Cum	-22.00		0.02	1	-0.44
			Net Qty.		7.07

ITEM NO.8

Providing and applying white-wash in one coat on old / new plastered or masonry surfaces and asbestos cement sheets including scaffolding and preparing the surface by brushing and brooming down etc. complete.

Spec.No.: Bd.P.1 Page No 411

S.S.R. Item No.36.02/Page No.279

For Total No. of Class-I Boundary Pillar

Sqmt	22.00	0.47		1	10.36
Sqmt	22.00	0.02			0.44
			Net Qty.		10.80

ITEM NO.9

A 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

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

S.S.R. Item No.35.12/Page No.276

Qty same as white wash

Sqmt					10.80
			Net Qty.		10.80

ITEM NO.10

Painting with approved enamel paint in two coats including cleaning surface and lettering for Boundary Stonestone etc. complete.

Spec.No.: MORTH 807

S.S.R. Item No.6.04d/Page No.53

Lettering of Boundary Pillar (GPS Co-ordinates)

Nos	22.00	14			308.00
			Net Qty.		308.00

RFO
West Mumbai Range

Divisional Forest Officer
Mangrove Division-North Konkan

ACF
Mangrove Division-North Konkan.

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Lead Statement

Sr.No	Material	Name of Quarry	Lead in KM	Rate	Unit
1	Metal 6mm to 40mm	Virar	45Km	841.30	Cu.M
2	Metal 40mm & Above	Virar	45Km	806.24	Cu.M
3	Sand	Vaitama	90 Km	1410.85	Cu.M
4	Murum	Local	05 KM	252.22	Cu.M
5	Bricks	Local	05 KM	531.38	Per 1000 Nos
				0.53	Per Nos
6	Steel	Nearby Market	05 KM	164.99	M.T.
7	Cement	Nearby Market	05 KM	164.99	M.T.
				8.25	Per Bag
8	Flooring Tiles	Nearby Market	05 KM	16.50	Sq.M
9	Rubble	Virar	90 Km	1029.24	Cu.M



[Signature]
RFO
West Mumbai Range

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Divisional Forest Officer
Mangrove Division-North Konkan

Assistant Conservator of Forests
Mangrove Division, North Konkan

Name Of Work :- Construction of Boundary Demarcation Pillars for work "Division of 0.7112 ha. forest land for construction of Bridge over Ramchandra Nalla near Evershine Nagar to Marve road in P/N ward village Waihal Tal. Borivali Dist. Mumbai Suburban by Municipal Corporation of Greater Mumbai" in West Mumbai Range of Mangrove Division-North Konkan.

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 05% for Corporation Areas = 05%	ADD CARTING OF MATERIAL AS PER LATEST RATE										Gross Total Amount	Add 1% of Labour Amenities & other overhead charge & C.Profits, 10% = 21.00%	Final Rate Adopted								
										Bulld.					Rd															
										Metal		Bricks		80mm		Sand		Murum					Cement		Steel		Tiles		Rubble	
										Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt				Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
1	21.34	BDW	Removing grass, gozer grass and disposing off out of building premises	As directed by Engineer	Sqmt	6.00	1.26	4.74	0.24										0.00	0.00	6.24	1.26	6.25							
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	8.18										0.00	0.00	215.18	43.47	215.20							
3	12.22	BR 4 B	Dewatering on BHP basis by using water pump including diversion of stream, providing cofferdams	BR 4 Page No 104.105	Hr	179.00	37.59	141.41	7.07										0.00	0.00	186.07	37.59	186.05							
4	21.40	BDA	Providing sowing using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand	As directed by Engineer in charge.	Cum	1454.00	305.34	1148.66	57.43										0.00	1029.24	2540.67	305.34	2540.65							
5	24.04	BDE2	Providing and laying Cast in situ/Ready Mix cement concrete in M-15 of trap/ granite/ quartzite/ gneiss metal for foundation	Bd.E.2 Page NO.288 and 8.7 Page No.38	Cum	6233.00	1308.93	4924.07	246.20										620.77	757.17	7906.65	1308.93	7906.65							
6	42.07	BDV 41	Providing and laying concrete pipes of I.S.NP. class of 150mm diameter in proper line, level and slope	Bd.V.41, Page No. 573	Rmt	530.00	111.30	418.70	20.94											0.00	550.94	111.30	550.95							
7	24.10	BDE4	Providing and laying Cast in situ/Ready Mix cement concrete in M20 of trap / granite/quartzite/gneiss metal	Bd.E.4 Page No.289	Cum	6595.00	1384.95	5210.05	260.50										599.61	715.11	8227.97	1384.95	8227.95							

8	36.02	BDP1	Providing and applying white-wash in one coat on old / new plastered or masonry surfaces and asbestos cement sheets	Bd.P.1 Page No 411	Sqmt	8.00	1.68	6.32	0.32							0.00	1.68	8.32	8.30
9	35.12	BDO7	A 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	3.99							0.00	21.21	104.99	105.00
10	6.04d	MORTH	Painting with approved enamel paint in two coats including cleaning surface and lettering for Boundary Stonestone	MORTH 807	No	43.00	9.03	33.97	1.70							0.00	9.03	44.70	44.70


 वनपरिक्षेत्र अधिकारी,
 पश्चिम मुंबई (कांदळवन)


 Divisional Forest Officer
 Mangrove Division-North Konkan


 ACF

Royalty Statement

Name Of Work :- Construction of Boundry Demarcation Pillars for work "Diversion of 0.7112 ha. forest land for construction of Bridge over Ramchandra Nalla near Evershine Nagar to Marve road in P/N ward village Walnai Tal. Borivali Dist. Mumbai Suburban by Municipal Corporation of Greater Mumbai" in West Mumbai Range of Mangrove Division-North Konkan.

Sr.No	Description of the Item	Unit	Total Qty.of Item	80mm. Metal		Murum		Sand		Rubble	
				Coefi.	Qty	Coefi.	Qty	Coefi.	Qty	Coefi.	Qty
Royalty Statement For Boundary Pillar											
1	Providing soling using 80 mm size trap metal in 15 cm. layer including filling voids with Crushed sand/grit, ramming, watering etc. complete.	Cum	2.48	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.48
2	Providing and laying Cast in situ/Ready Mix cement concrete in M-15 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, com packing, 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	Cum	1.08	0.00	0.00	0.00	0.00	0.44	0.47	0.00	0.00
3	Providing and laying Cast in situ/Ready Mix cement concrete in M20 of trap / ranite/quartzite/gneiss metal for bed blocks, foundation blocks and such other items including bailing out water, Steel centering, formwork, laying/ pumping, compacting, roughening them if special finish is to be provided, finishing uneven and honeycombed surface and curing etc. complete. The ement Mortar 1:3 plaster is considered for rendering uneven and onexcombed surface only. Newly laid	Cum	7.07	0.00	0.00	0.00	0.00	0.425	3.01	0.00	0.00
Total Qty.				0.00			0.00		3.48		2.48
Royalty Charges per Cum				216.18			216.18		237.37		216.18
Deduct Royalty Amount Rs.				0.00			0.00		826.13		536.00
Total Amount Rs.				1362.13							

RFO
Rajesh

वनपरिक्षेत्र अधिकारी,
पश्चिम मुंबई (कोरवडन)

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Divisional Forest Officer
Mangrove Division-North Konkan

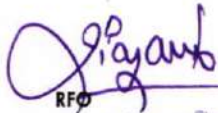
Assistant Conservator of Forests
Mangrove Division, North Konkan

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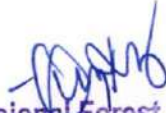
NOTE : Provision for laboratory testing charges. For reimbursement of actual amount of testing charges paid by the contractor, he should produce documentary evidences along with laboratory reports from approved registered Govt. Laboratory of Pwd/Engineering College Etc.

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
Testing Charges For Boundary Pillars				
1) Basic Test of Cement				
Standard Consistency Finess, Specific Gravity, Setting Time (Initial & Final), Compressive Strength, Soundness.	1.00	3960.00	1.00	3960.00
2) Basic Test of Aggregate				
Water Absorption, Specific Gravity, Impact Value/ Crushing Value.	1.00	2730.00	1.00	2730.00
3) Fine Aggregate				
Fineness Modulus (Sieve Analysis), Silt & Clay Content	1.00	1450.00	1.00	1450.00
4) For Concrete Work				
Compressive strength of C.C. Cube (Set of 3 Cubes)	4.00	725.00	1.00	2900.00
Total Amount Rs.				11040.00


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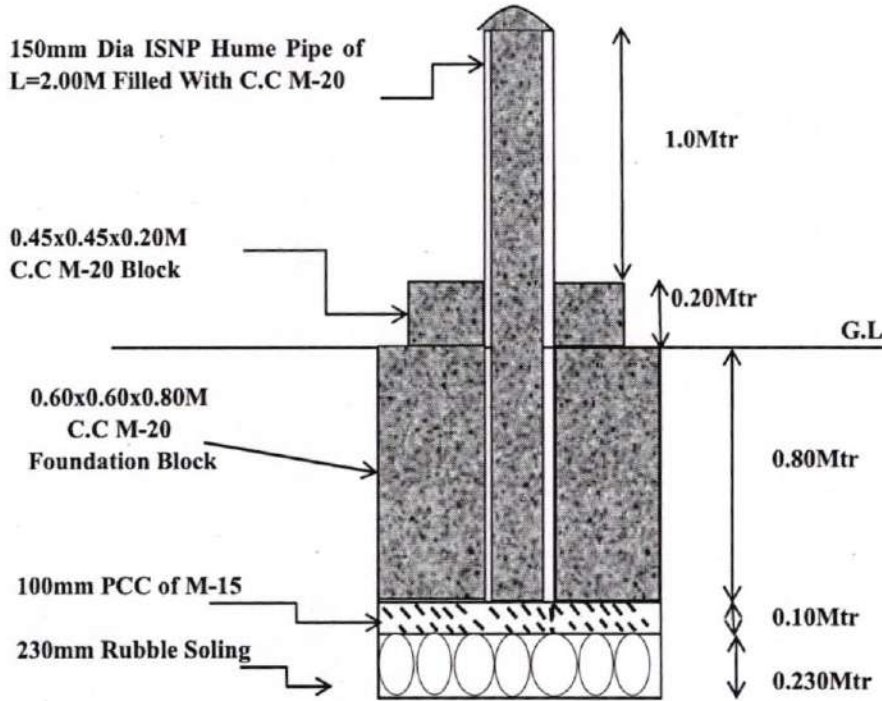
वनपरिक्षेत्र अधिकारी,
पश्चिम मुंबई (कांदळवन)



Divisional Forest Officer
Mangrove Division-North Konkan

Assistant Conservator of Forests
Mangrove Division, North Konkan

Name Of Work :- Construction of Boundry Demarcation Pillars for work
 "Diversion of 0.7112 ha. forest land for construction of Bridge over Ramchandra
 Nalla near Evershine Nagar to Marve road in P/N ward village Walnai Tal.
 Borivali Dist. Mumbai Suburban by Municipal Corporation of Greater Mumbai"
 in West Mumbai Range of Mangrove Division-North Konkan.



SECTIONAL VIEW OF BOUNDARY DEMARCTION PILLAR

ADVANCE COPY

FOR COMMENTS/ESTIMATION
PURPOSE ONLY

RFO *[Signature]*
 वनपरिक्षेत्र अधिकारी,
 पश्चिम मुंबई (कांदळवन)

[Signature]
 Divisional Forest Officer
 Mangrove Division-North Konkan

Assistant Conservator of Forests
 Mangrove Division, North Konkan