

XX

K O N K A N R A I L W A Y C O R P O R A T I O N L T D

(A G O V T O F I N D I A U N D E R T A K I N G)

XX

T E N D E R D O C U M E N T S

=====

Name of work : Repairs of hand railing & pier cap cover and Alluminium painting of hand railing, ladders and catwalk of major bridges under SSE/Ratnagiri & SSE/Vilwade section.

Tender No : KR/RN/W/2010/15

Last date of receipt : 17.03.2010 upto 15.00 hrs.

Issued to (Name of Contractor :-----

Sr No of tender form :-----

No of pages :-----

Date of issue :-----

Signature of KRCL officer:-

Office of Regional Railway Manager
Konkan Railway Corporation Ltd.
MIDC Area, Mirzole
Ratnagiri

XX

- Note :- 1) Tender document is not transferrable.
2) Tender document should be submitted without detaching any pages.

KONKAN RAILWAY CORPORATION LTD, RATNAGIRI.
NOTICE INVITING TENDER
(THIRD CALL)

To,

Sealed tenders are invited for the work cited as per the following details. Necessary tender documents may be obtained from this Office on any working day from 11.00 hrs.of 25.02.2010 upto 13.00 hrs. of 17.03.2010, on payment of tender form fee as mentioned by cross demand draft in favour of Konkan Railway Corporation Ltd., Ratnagiri payable at Ratnagiri. Tenders without EMD are liable for rejection. However, tenderers who have already deposited EMD with C.O./Belapur need not deposit EMD separately and shall only specify the details.

Name of work : Repairs of hand railing & pier cap cover and Alluminium painting of hand railing, ladders and catwalk of major bridges under SSE/Ratnagiri & SSE/Vilwade section.

TENDER NO. : KR/RN/W/2010/15

ESTIMATED COST OF WORK : Rs.566153/-

COMPLETION PERIOD : Two months

EARNEST MONEY DEPOSIT : Rs.11,500/-

LAST DATE AND TIME FOR DEPOSITING : 17.03.2010 upto 15.00 hrs.
SEALED TENDERS IN THE TENDER BOX

PLACE OF DEPOSITING/OPENING OF : Office of the Sr.Regional
TENDER Engineer,KRCL/Ratnagiri.

TIME AND DATE OF OPENING : 17.03.2010 at 15.30 hrs.

COST OF TENDER FORM : Rs.500/- (+) Rs.63/- (Sales Tax)

In case the SEMD paid by the contractor is less than the above mentioned Earnest Money deposit the contractor has to remit the total amount of EMD in form of DD in favour of Konkan Railway Corpn.Ltd., Ratnagiri from any Nationalised/Scheduled Banks.

Tender will be opened in the office of Senior Regional Engineer, Konkan Railway Corporation Ltd., Ratnagiri in the presence of authorised representative of tenderer/contractor. In case the date of tender opening happens to be holiday, the tender will be opened on the next day at the same time and place.

Corporation reserves the right to accept/reject one or all tenders without assigning any reason.

NOTE: This tender notice is only for *eligible contractor registered with Konkan Railway Corporation Ltd.
(Eligibility - BR,ST Class - A,B,C & D)

(Tender notice as well as tender document are available on KRCL WEB site : www.konkanrailway.com)

(Md.Aasim Sulaiman)
Sr.Regional Engineer,
For Konkan Railway Corpn.Ltd.,
Ratnagiri

KONKAN RAILWAY CORPORATION LIMITED

TENDER FORM

To,

The Sr.Regional Engineer
Konkan Railway Corporation Ltd.
M.I.D.C. Mirjole,
Ratnagiri.

I/We -----have read the various conditions of tender attached hereby agree to abide by the said conditions. I/We also agree to keep is tender open for acceptance for a period of 90 days from the date fixed for opening the same. I/We after to do the works relating to tender No.KR/RN/W/-----dated -----for the work of -----
-----.

1. I/We hereby bind my self/outselves to complete the works within thetime limits specified in the conditions of tender.
2. I/We also hereby agree to abide by the "Regulations for Tenders and contracts for works General Conditions of Contract,1991 and "Standard Special Conditions of Contract" of the Konkan Railway Corporation Limited as amended up to date and the Additional Special Conditions of Contract annexed to the tender and to carry out the works according to the specifications for materials and works laid down by the Corporation for the present contract.
3. I/We acknowledge that "Regulations for Tenders and contracts for works", "General Conditions of Contract" and "Standard Special Conditions of Contract" as issued by Konkan Railway Corporation will form part of the tenders/contract documents even though they are not attached to the same.
4. I/We hereby declare that I/We shall employ on monthly salaries experienced Civil Engineering graduates and/ or diploma holders in adequate numbers for each shift of working as indicated in tender document to the entire satisfaction of Engineer-in-Charge of works of the Corporation.
5. A sum of Rs.-----is hereby forwarded as Earnest Money Deposit in the form of cross demand draft drawn in favour of Konkan Railway Corporation Limited payable at Ratnagiri without prejudice in any other rights or remedies available to the Corporation the said full amount of EMD shall stands forfeited if.

contd..2

- a) I/We fail to keep the offer open for a period of 90 days (ninety only) days from the date fixed for opening of the tender or resile from my/our offer or modify the terms and conditions thereof in a manner not acceptable to the Konkan Railway Corporation Limited.

OR

- b) I/We do not execute the contract agreement documents within seven days after the receipt of acceptance letter/letters of interim issued by Corporation that such document are ready.

OR

- c) I/We do not commence the work within ten days after the receipt of orders to that effect.

6. Until a formal agreement is prepared and executed, acceptance of this tender shall constitute binding contract between us, subject to modifications, as may be mutually agreed to between us and indicated in the letter of acceptance of my/our offer for this work.

SIGNATURE OF TENDERER(S) /
CONTRACTOR(S)

DATE :

ADDRESS :

SEAL :

Signature of Witnesses :

Regional Railway Manager
Konkan Railway Corporation Ltd.
Ratnagiri

CORRECTION SLIP

CORRECTION SLIP TO CLAUSE 40.2 OF GENERAL CONDITIONS OF CONTRACT OF KRCL

VARIATIONS IN QUANTITIES

- 40.2(a) Unless otherwise specified in the Special Conditions of contract, the accepted variation in quantity for each individual item of the contract would be upto 25% of the quantity originally contracted, except in the case of foundation work. The contractor shall be bound to carry out the work at the agreed rates and shall not be entitled to any claim or any compensation whatsoever upto the limit of 25% variation in quantity of individual items of works.
- 40.2(b) In the case of earthwork the variation limit of 25% shall apply to the gross quantity of earth work and variation in the quantities of individual classifications of soil shall not be subject to this limit.
- 40.2(c) In the case of foundation work no variation in limit shall apply and the work shall be carried out by the contractor on agreed rates irrespective of any variation.
- 40.2(d) For the first 15% increase in the value beyond 25% of agreemental value, the rates should be reduced by 2% in the incremental value of the agreement.
- 40.2(e) For the next 10% increase in the value a further reduction in the rates by additional 2% in the incremental value of agreement to be carried out.
- 40.2(f) Execution of quantities beyond (+)50% of the overall agreemental value should not be permitted and if found necessary should be through fresh tenders or by negotiating fresh rates with existing contractor.

Signature of Contractor

Senior Regional Engineer
Konkan Railway Corporation Ltd.
Ratnagiri

SCHEDULE A

Name of work : Repairs of hand railing & pier cap cover and Alluminium painting of hand railing, ladders and catwalk of major bridges under SSE/Ratnagiri & SSE/Vilwade section.

Name of Agency :

S.N.	CSR CODE	Description	UNIT	RATE	QTY.	AMOUNT
1.	09302	Cleaning old steel work with wire brushes and similar other means so as to remove all loose rust and scales of paint etc. and preparing clean even surface for priming/painting.	Sqm.	1.51	10110.00	15266.10
2.	09306	Painting with ready mixed aluminium paint of approved standard and quality over steel work. (b) Two Coats.	Sq.m.	13.90	10110.00	140529.00
3.	09305	Painting with ready mixed red oxide paint of approved standard and quality on steel works (IS:123) (b) Two Coats	Sqm.	11.25	10110.00	113737.50
						269532.60

Contractor's percentage i.e. _____ at par/above/below

Grand total Rs.

I/We agree to carry out the work at _____ % in words

(_____) at par/

Above/ Below the schedule rates.

NOTE : Rate of items are based on KRSSR 2002.

Signature of Contractor

Senior Regional Engineer
For and on behalf of
Konkan Railway Corporation Ltd.
Ratnagiri

SCHEDULE B

Name of work : Repairs of hand railing & pier cap cover shed and
Alluminium painting of hand railing, ladders and catwalk of
major bridges under SSE/Ratnagiri & SSE/Vilwade section.

Name of Agency :

S.N.	CSR CODE	Description	UNIT	RATE	QTY.	AMOUNT
01.	13101	Supplying, laying and jointing mild steel galvanised pipes in all positions with all specials including trenching, refilling and consolidating upto 50 cm depth or fixing with standard clamps/cleats by making holes in masonry/concrete as necessary tested to withstand a pressure of 7 Kg./cm ² conforming to I.S. 1239 (Part I and II).				
	A.6	50 mm bore (2.90 mm thick, 4.18 kg/metre length weight minimum).	RM.	194.00	50.00	9700.00
	B.3	25 mm bore (3.25 mm thick, 2.44 kg/metre length weight minimum).	RM.	125.90	18.00	2266.20
	B.6	50 mm bore (3.65 mm thick, 5.17 kg/metre length weight minimum).	RM.	249.80	92.00	22981.60
2.	02205	Cement concrete 1:2:4 with 25 mm graded stone aggregate for all works not requiring elaborate or costly forms of shuttering.	Cum.	2118.45	0.24	508.42
3.	12102	Fabrication and supplying structural steel including supply of correct sizes rivets turn bolts with nuts and washers and/or black bolts with nuts and washers including one primer coat of red lead paint or zinc chromate paint with all Contractor's labour, tools and plants, etc. in riveted/welded construction.				

contd..2

S.N.	CSR CODE	Description	UNIT	RATE	QTY.	AMOUNT
	(a)	In IRS roofs, sheds, trusses (including steel work in north light glazing, sliding doors, cabin steel work, sheds, gantry columns, level crossing gates, gate leaves and gate posts and other miscellaneous steel work at isolated locations.	MT	34961.75	0.64	22375.52
4.	12112	Erecting structural steel work including bolts with 1 nuts and washers with all Contractor's labour, equipment, tools plants, drifts and service bolts, etc. including welding (wherever required) complete in all respects. Work shall be carried out as per standards specification as directed by Engineer.				
	(g)	In IRS roofs, sheds, trusses (including steel work in north light glazing), sliding doors, cabin steel work, gantry, columns, level crossing gate, gate leaves, gate posts, and other miscellaneous steel work at isolated locations.	MT	3652.20	0.64	2337.40

60169.14

Contractor's percentage i.e. at par/above/below

Grand total Rs.

I/We agree to carry out the work at _____% in words

(_____) at par/

Above/ Below the schedule rates.

NOTE : Rate of items are based on KRSSR 2002.

Signature of Contractor

Senior Regional Engineer
For and on behalf of
Konkan Railway Corporation Ltd.
Ratnagiri

ADDITIONAL SPECIAL CONDITIONS OF CONTRACT

1. Scope of work : The works mainly involved are repairs of hand railing, pier cap cover of major bridges & aluminium painting of hand railing, catwalk etc. of major bridges under SSE/Ratnagiri & SSE/Vilwade section.

SCHEDULE A:

- a) Cleaning of old paint on steel work with wire brushes to remove all loose rust and scales of paint with contractors own labour, tools, equipment etc. with all leads and lift and as directed by Engineer-in-Charge.
- b) Painting with ready mixed red oxide paint over steel work in two coats as primer of standard quality/brand of ISI mark with all contractors own materials including paint, labour, tools, equipment with all leads and lift and as directed by Engineer-in-Charge.
- c) Painting with ready mixed aluminium paint over steel work of approved quality/brand of ISI mark in two coats with contractors own materials including paints, labour, tools equipment etc. with all leads and lift and as directed by Engineer-in-Charge.

SCHEDULE B:

- a) Supplying & fabricating of structural steel as per requirement with contractors own materials & fixing in position including supply of correct size rivets, turn bolts with nuts and washers or black bolts and washers etc. including applying one primer coat of red lead paint or zinc chromate paint with all contractors own materials, labour, tools, equipment etc. with all leads & lift and as directed by Engineer-in-Charge.
 - b) Supplying, laying and jointing mild steel galvanised pipes of required diameter and class as indicated in the schedule required for railing in major bridges including fixing with standard clamp/cleats as directed by Engineer-in-Charge with all leads & lift.
2. Period of Completion : Two Months from the date of issuing of acceptance letter.
 3. Time Limit : Time is the essence of the contract and the tenderer/contractor is required to complete the work within the period of completion.
 4. Period of Maintenance : Six months from the date of completion of the work.
 5. As per the provision of EPF & MP Act, 1952, contractor who is engaging labour has to deposit PF amount with EPF authorities. It should be ensured that, PF registration details of the contractors are available and included in the tender document. No payment should be arranged in case of PF registration number is not made available.

In case the contractor has not registered with EPF authorities, but is liable for payment of PF amount, the amount should be recovered from due bills and paid to EPF authorities quoting the PF registration number of KRCL. Detail instructions and compliance certificate to be submitted are enclosed in Annexure-A.

contd..2

6. The list of bridges and approaches quantity of painting, ladder, & railing etc. are enclosed in Annexure-B. The quantity are approximate and may be changed as per site condition for which no claim will be entertained.
7. After scrapping/cleaning of old paint/primer coat, colours etc. the work shall be got inspected by the Engineer-in-charge before painting and got approved from Sr.REN. If it is found that the painting is started without approval of the competent authority, no payment will be made for such type of work.
8. Contractor shall use the good quality colours, paints and purchased from reputed brands/companies only.
9. Rates included the following requirement/activities:
 - i) Making of samples renderings in different colours/shades on the surface at indicated places for approval of colours/shades before starting the work.
 - ii) Removing nails and making good cracks etc. by knotting, stopping and rubbing etc. before doing painting, varnishing and polishing etc.
 - iii) Paint should be applied immediately after cleaning and when the surface is dry.
 - iv) Filling up all depression/roughness with putty made of zinc whiting paste as a filler.
 - v) All tools, stores staging/scaffolding etc. required to complete the job. The contractor shall use sufficiently strong and secure scaffolding for safe working.
 - vi) Providing and spreading paper and/or coarse cloth or similar other coverings to protect against any stains/blemishes etc. on floor, furniture, electrical fitting etc. and to ensure that no damage is done to floors/walls/fitting/furniture etc. While doing the work, contractor will be required to remove all stains/blemishes etc. on floors, walls, furniture, electric fitting etc. occurring during the course of carrying out the works.
 - vii) Drying the surfaces to be treated before applying primer/paint polish etc.
10. All Paints shall normally conform to relevant Indian standard and shall be in such shades & quality as approved by Engineer-in-Charge.
11. The rate quoted should be inclusive all contractor's materials.
12. The work should be carried out such a way that no infringement to the Railway schedule of dimension.
13. Site order books, hindrance register, progress register and material issue register shall be maintained at site and entries will be recorded on day to day basis in the register and signed jointly by Engineers representative and by the contractor or his authorised representative.

contd..3

- 14 The contractor shall employ sufficient number of technical staff who shall be qualified Graduate Engineers and Diploma Holders as required for setting out alignment, taking established bench marks, cross section level plotting, computation of quantities, taking measurements, and also for efficient supervision of various works at different work spots. The list of names, qualification and experience of these personnel should be furnished alongwith the tender documents. The contractor should also submit a list of names of graduate Engineer and Diploma holders with their Bio-data to the Corporation within 7 days from the date of issue of Letter of Acceptance. Any further changes should be advised and got approved. Minimum one graduate Engineer or one diploma Engineer shall be made available at site for supervision. (upto value of work Rs.50.00 lakhs diploma engineer and beyond 50.00 lacks graduate Engineer or Diploma Engineer in Civil Engineer having minimum 5 years of experience in similar works for supervision should be available). The experience certificate shall be issued by Sr.REN/KRCL. Failure to deploy the minimum technical staff as above will make contractor liable for penalty as under:
- i) No graduate engineer/or Diploma Engineer having 5 years experience- Rs.10,000/- per month or part thereof.
 - ii) No diploma engineer Rs.5,000/- per month or part thereof.
15. The Engineer-in-charge shall approve the methodology proposed to be adopted by contractor, with a view to ensure safety of trains, passengers and workers and he shall also ensure that the methods and arrangements are actually available at site before start of the work and the contractor's supervisors and the workers have clearly understood the safety aspects and requirements to be adopted/followed while executing the work. There shall be an assurance register kept at each site, which will have to be signed by both i.e. Railway Supervisor or his representative as well as the contractor's supervisor as a token of their having understood the safety precautions to be observed at site.
16. It shall be clearly understood that the contractor is personally responsible for any omission and commission on the part of men engaged by him. In case of any damages to railway/public property or injurious to the travelling public on account of failures of contractor to adhere to safety or resulting in an accident, the cost of damages will be recovered from the contractor from this work or other on going works. In addition, the contractor will also be liable for criminal prosecution as per extent rules.
17. If any power supply connection is required for any work, contractor shall submit their request for electric connection to Engineer-in-Charge on payment basis. If it is found that, power supply connection is taken without permission, penalty will be imposed as decided by Engineer-in-Charge. Decision in this regard will be binding on the contractor.
- 18 The work shall be carried out under traffic conditions. Block for carrying the work will be arranged by KRCL without affecting the train services. Contractor has to organise his works in such a way that no activity is held up for want of adequate block or non-availability block on any particular day. There shall be no detention of Railway traffic on account of any activity of the contractor or his men. Contractor will be penalised as under in case of trains detention due to his failure in clearing traffic block after ensuring safety.
- i) Rs.10,000/- per hour in case of mail/express trains.@@
 - A ii) Rs.5,000/- per hour in case of goods trains.

19. DETAIL INSTRUCTIONS IN ORDER TO ENSURE THE SAFETY OF RUNNING TRAINS.
- a. Handing over of work site to contractor : A written letter shall be issued from the supervisor along with a sketch indicating the jurisdiction of railway boundary, working area of the contractor indicating danger mark for infringement of machine working adjacent to railway alignment.
 - b. Layout Plan : A layout plan for OFC cable/electrical cable shall also be indicated in the work site plan which shall jointly be signed by the supervisors of all the concerned department i.e. Engineering, S & T and Electrical.
 - c. Entry of machinery in railway premises : After taking over the work site by the contractor from the supervisor concerned, he shall take a written permission from the supervisor for deploying the machines at actual work site. He shall also certify that the machine is stationed at a safe spot at the end of the day and mark such spot on the work site plan itself.
 - d. Depositing key of the machines to the concerned railway supervisor: After stabling the machineries at the nominated place by the concerned supervisor, the contractor shall deposit the key of the machinery with the railway supervisor. Next day for starting the work, the concerned supervisor will hand over the key to the operator of the machine only for the actual deployment of the machine for the work and no miscellaneous work or main work shall be permitted without the presence of railway supervisor.
 - e. Withdrawal of machines from the work site after completion of work: Even for the purpose of withdrawal of machines from work site or from the place of stabling, or any movement of machine likely to infringe track, the contractor has to take written permission from the supervisor. In order to avoid any unusual occurrence like slipping of boulder, slipping of machinery which may endanger running traffic, no contractor shall be permitted to remove the machine in absence of railway supervisor. The railway supervisor shall furnish the certificate for successful removal of machinery from the work site. In the absence of such certificate work will be treated as incomplete and all responsibility will lie with the contractor and supervisor.
 - f. Vehicles and equipments of contracts can be drafted by Railway administration in case of accidents/natural calamities involving human lives.
20. The contractor shall arrange for the safe custody of the Corporation materials issued to him. In case of loss or shortage of materials, the Corporation will recover the cost as per extent rules.
21. Proper care should be taken to protect the track as well as OFC cables from damage during the execution of works. If damage is occurred due to negligence of the contractor, penalty of Rs.1.00 lakh or actual whichever is more on each incidence shall be levied and binding on the contractor.
22. Before tendering, tenderer/contractor shall inspect the site, get himself acquainted about availability of labour, materials, approach road, working condition etc.

Contractor

Senior Regional Engineer
KRCL/Ratnagiri

COMPLIANCE CERTIFICATE

We _____, contractor of
Konkan Railway Corporation Limited do hereby certify that we have
complied all the provisions of the Employees Provident Fund and
Miscellaneous Provisions Act, 1952 in respect of employees
employed by us. We are enclosing herewith statement showing the
recoveries of contribution in respect of employees employed by us
under section 36(b) of the Employees Provident Fund Scheme, 1952
towards Provident Fund and section 22 of the Employees Pension
Scheme, 1995 towards Pension Fund for the month
of _____ and deposited the same with PF
authorities. Our Provident Fund Account Number is _____.

Place

Signature of the contractor

Date

Seal

EPF CLAUSE :

- i) The contractor shall be liable to pay before the due date his contribution, employee's contribution and other administrative charges as per provisions of the Employees Provident Fund Act as amended from time to time, in respect of all the staff and labour employed by him for the execution of the contract. In the event of his failure to follow the above provisions, the Corporation has to pay the said amount of contribution as assessed to the Provident Fund Commissioner and the Corporation will recover from the contractor the amount paid to the Provident Fund Commissioner, out of the sums due and payable to the contractor.
- ii) In such case of failure on the part of contractor, contractor shall indemnify and save harmless the Corporation from and against all actions, suits, proceedings, losses, costs, damages, charges, claims and demands fo every nature and description brought or recovered against the Corporation by reason of any act or omission of the contractor, his agents or employees in connection with complying the provisions of the Employees Provident Fund and Miscellaneous Provisions Act, 1952 as amended from time to time. All sums payable by way of compensation/penalty/damages/interest on the outstanding amounts payable by the contractor shall be considered as reasonable and be payable by the contractor to the Corporation immediately and if the contractor does not pay the amount immediately the same will be deducted from the security deposit or earnest money or any other amount available with the corporation or any moneys payable to the contractor by the Corporation.
- iii) Contractor should submit a compliance certificate along with the details of employees and recoveries made to the Konkan Railway Corporation as per the proforma enclosed hereunder every month within seven days of the close of every month as per the provisions of the Employees Provident Fund and Miscellaneous Provisions Act, 1952 as amended from time to time.

Contractor

Senior Regional Engineer
KRCL/Ratnagiri

A) LIST OF BRIDGES & APPROXIMATE QUANTITY OF ALUMINIUM PAINTING UNDER
SSE/RATNAGIRI & SSE/VILWADE SECTION

SN	NAME OF BRIDGES	APPROXIMATE QUANTITY OF PAINTING		
		Hand railing (Sqm.)	Ladder (Sqm.)	Catwalk (Sqm.)
01.	Khershet	73.00	6.00	--
02.	Gad	518.00	15.00	--
03.	Tural	145.00	--	--
04.	Golawali	125.00	--	--
05.	Dhamni	160.00	5.00	--
06.	Kond-Ambed-I	75.00	5.00	--
07.	Kond-Ambed-II	130.00	8.00	--
08.	Asurde	75.00	4.00	--
09.	Bhirkond	100.00	5.00	--
10.	Dignani	125.00	2.00	--
11.	Shastri	451.00	13.00	--
12.	Banchiwadi	105.00	7.00	--
13.	Ukshi	105.00	7.00	--
14.	Ranpat	70.00	5.00	--
15.	Lajul	132.00	7.00	--
16.	Bhoke-I	60.00	4.00	--
17.	Bhoke-II	115.00	4.00	--
18.	Phansawale	190.00	11.00	450.00
19.	Loharwadi	55.00	2.00	--
20.	Mahalaxmi	176.00	10.00	--
21.	Girwane	55.00	5.00	--
22.	Kuwarbav-I	430.00	15.00	690.00
23.	Kuwarbav-II	100.00	5.00	--
24.	Pomendi	235.00	10.00	610.00
25.	Panvel	1050.00	40.00	--
26.	Tike	230.00	15.00	--
27.	Kondavi	230.00	15.00	610.00
28.	Nivsar yard	140.00	--	--
29.	Math	100.00	5.00	--
30.	Anjanari	60.00	5.00	--
31.	Nandivali	120.00	--	--
32.	Kajali	160.00	--	--
33.	Berdewadi	160.00	--	--
34.	Muchkundi	158.00	--	--
35.	Kervali	160.00	--	--
36.	Jamboli	80.00	--	--
37.	Gopalwadi	135.00	--	--
38.	Wagotan	160.00	--	--
39.	Chinchawali	80.00	--	--
40.	Sherpe	133.00	--	--
41.	Shukh	100.00	--	--
42.	Shanti	135.00	--	--
43.	Tembewadi	20.00	--	--
44.	Ziranga	80.00	--	--
45.	Gad Math	135.00	--	--
46.	Mona	80.00	--	--

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B. MISSING RAILING LOCATIONS IN BRIDGES & APPROXIMATE QUANTITY

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- 01. Nandivali bridge - 18 M
 - 02. Kajali bridge - 17 M
 - 03. Muchkund - 9 M
 - 04. Waghotan - 21 M
 - 05. Gadmath - 45 M

C. REQUIRING REPAIRS OF PIER CAP HOLE OF BRIDGES

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- 01. Kajali bridge
 - 02. Muchkundi
 - 03. Karveli
 - 04. Yaghotari

Contractor

Senior Regional Engineer
KRCL/Ratnagiri