

KONKAN RAILWAY CORPORATION LTD, RATNAGIRI.
NOTICE INVITING TENDER
(SECOND 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 09.03.2010 upto 13.00 hrs. of 19.03.2010, 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 : Providing & fixing precast station name board, bogie name board, benches, water stand post & G.I.pipe line, palefencing, interlocking pavers at Madura new crossing station between Sawantwadi-Pernem station.

TENDER NO. : KR/RN/W/2010/13A
ESTIMATED COST OF WORK : Rs.1564300/-
COMPLETION PERIOD : Two Months
EARNEST MONEY DEPOSIT : Rs.20,000/-
LAST DATE AND TIME FOR DEPOSITING : 19.03.2010 upto 15.00 hrs.
SEALED TENDERS IN THE TENDER BOX
PLACE OF DEPOSITING/OPENING OF TENDER : Office of the Sr.Regional Engineer, KRCL/Ratnagiri.
TIME AND DATE OF OPENING : 19.03.2010 at 15.30 hrs.
COST OF TENDER FORM : Rs.1000/- (+) Rs.125/- (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 - BL , Class - A,B,C)
(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 the time 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(For station & bogie name board, benches,
-water stand post & G.I.pipe line)

Name of Work : Providing & fixing precast station name board, bogie name board, benches, water stand post & G.I.pipe line, palefencing, interlocking pavers at Madura new crossing station between Sawantwadi-Pernem station.

Name of Agency :

SN	CSR NO	Description of item	Unit	Rate	Qty.	Amount
1.	01302	Excavation to Railway's specification in ordinary soil, black cotton, red soil, sandy loam, clay or soft murum.	Cum.	56.70	13.00	737.10
2.	02304	Precast reinforced cement concrete 1:2:4 with 20 mm stone aggregate for slabs, shelves, etc. upto 150 mm thickness with Contractor's forms and Railway's steel in reinforcement including fixing with cement mortar 1:2.(cost of steel will be paid under item No.5)	Cum.	3427.86	2.80	9598.00
3.	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	4.00	8473.80
4.	09403	Applying wall primer in one coat of approved standard quality over masonry walls, including filling of depressions etc., if any.	Sqm.	8.99	20.00	179.80
5.	09405	Painting with ready mixed synthetic enamel paint of approved standard, quality and shade on walls.	Sqm.	12.18	12.00	146.16
6.	24149	Supplying structural steel such as M.S.Plates, angles, RSJs, etc., M.S.Bars(plain & tor) of various dia. ranging from 6mm to 20 mm required in connection with the execution of zonal contract including loading, unloading and transportation at the required locations with all contractor's labour, tools & plants, etc., complete as directed by the Engineer-in-Charge.	MT	20000.00	0.18	3600.00

SN	CSR NO	Description of item	Unit	Rate	Qty.	Amount
7.	22178	Providing two coat of painting of approved quality & colour over station name boards including letter writing of approved size with contractors onw paint as directed by Engineer-in-Charge with all lead and lifts with all contractors men, material, tools and plants etc. including scaffolding whenever necessary.	Sqm.	210.00	14.00	2940.00
8.		Erecting precast station name board in position with contractor's own labour, tools, equipment etc. with all leads and lift and as directed by Engineer-in-Charge.	No.	750.00	2.00	1500.00
9.	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.				
	(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	34961.70	0.55	19228.90

contd..3

SN	CSR NO	Description of item	Unit	Rate	Qty.	Amount
10.	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	0.55	2008.71
11.	09307	Painting with ready mixed paint of approved standard, quantity and shade on steel work.	Sqm	6.75	24.00	162.00
12.		Painting of lettering on sign boards, including paint of approved colour with contractors own paint, materials, labour, tools, equipment etc. with all leads and lift and as directed by Engineer-in-Charge.	Sqm.	373.00	26.00	9698.00
13.	02202	Cement concrete 1:3:6 in foundations with:-				
	(a)	40 mm graded stone aggregate.	Cum.	1334.60	1.50	2001.90
14.	04202	Brick masonry IInd sort in superstructure:				
	(a)	In cement mortar 1:4.	Cum.	1614.47	7.00	11301.29

contd..4

SN	CSR NO	Description of item	Unit	Rate	Qty.	Amount
15.	07413	Supplying and fixing non-slippery, abrasion and scratch resistant ceramic tiles of specified size and colour in floors and dado with requisite matching colour cement and requisite neat cement for joints and beddings laid over cement mortar 1:3 bedding 20mm thick(average) including any special cornices, corners, angles, tiles, etc. complete (rate includes making patterns and borders by different coloured tiles as approved).				
	(d)	7.5mm thick plain printed or self design.	Sqm.	1203.80	39.00	46948.20
16.	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./cm2.				
	B-1	15 mm bore (2.65 mm thick, 1.23 kg/metre length weight minimum).	RM.	84.00	3.00	252.00
	B-3	25 mm bore (3.25 mm thick, 2.44 kg/metre length weight minimum).	RM.	125.90	10.00	1259.00
	B-4	32 mm bore (3.25 mm thick, 3.17 kg/metre length weight minimum).	RM.	159.30	34.00	5416.20
	B-6	50 mm bore (3.65 mm thick, 5.17 kg/metre length weight minimum).	RM.	249.80	200.00	49960.00

contd..5

SN	CSR NO	Description of item	Unit	Rate	Qty.	Amount
17.	13301	Supplying, jointing and fixing in building unplasticised (rigid) PVC pipes with all specials and mild steel clamps, including cutting holes in masonry and concrete where necessary and making them good and fixing cleats etc. including solvent cement for jointing purposes, conforming to I.S. 4985 to withstand a test pressure of 6 kgs./cm ² .				
	(e)	40 mm outside dia. 1.4 mm wall thickness.	RM.	85.00	25.00	2125.00
18.	13502	Supplying and fixing sand cast brass screw-down stop taps, tested to withstand a pressure of 20 kg./cm ² , complete in all respects including excavation if necessary.				
	(c)	25 mm bore (of 1.30 kg. weight minimum)	Each	283.20	5.00	1416.00
19.	13519	Supplying and fixing brass chromium plated bib taps tested to withstand a pressure of 20 kgs./cm ² of 15 mm bore complete in all respects.	Each	176.30	10.00	1763.00
20.	13103	Supplying and fixing M.S. galvanised flanges under item 13101 including rubber packing (1.5 mm thick) and with nuts, bolts, etc. complete.				
	(a)	for 50 mm bore pipe with two flanges.	One Joint	148.28	6.00	889.68
21.	13505	Supplying and laying in position cast iron sluice valve both ends flanged, class-I, with rings, spindle and nuts of ferrous metals with cap including jointing, complete in all respect, tested to withstand a pressure of 20 kg./cm ²				
	(a)	80 mm bore (of weight 31 kgs. minimum)	Each	1634.00	2.00	3268.00

contd..6

SN	CSR NO	Description of item	Unit	Rate	Qty.	Amount
22.	13507	Supplying and fixing swing check type reflux (non-return) valves single door pattern double flanged complete in all aspect including jointing.				
	a)	80 mm bore	Each	894.60	1.00	894.60
23.	24126	Supplying & fixing kadappa slab of 25 to 40 mm thick for kitchen otta/making seating arrangement & fixing the same in C.M. 1:3 making necessary recess/chipping in the existing wall/floor & complete the work as per the directions from engineer-in-charge with all leads and lift and including all contractor's materials, labours, tools & plants etc. complete.	Sqm.	334.00	15.00	5010.00
24.	24127	Providing laterite stone masonry in foundation, plinth and in superstructures including striking of joints on the unexposed faces and watering, curing etc.complete in C.M. 1:6 with all contractor's cement, men, materials with all leads and lift and as directed by Engineer-in-charge.	Cum.	1324.20	2.50	3310.50
25.	20204	Supplying and stacking crushed stone (grit dust) suitable for mortar as directed at indicated places.	Sqm.	86.09	125.00	10761.25

contd..7

SN	CSR NO	Description of item	Unit	Rate	Qty.	Amount
26.	24162	Spreading crushed stone (grit dust) over already prepared surface including all necessary tools and plants including all lead and lift etc. complete as per instructions of Engineer-in-Charge.	Cum.	124.75	125.00	15593.75
						220442.84

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.

Signature of Contractor

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

SCHEDULE B(For casting & fixing pale fencing)

Name of Work : Providing & fixing precast station name board, bogie name board, benches, water stand post & G.I. pipe line, palefencing, interlocking pavers at Madura new crossing station between Sawantwadi-Pernem station.

Name of agency :

S.N.	Description	UNIT	RATE	QTY.	AMOUNT
01	Casting & fixing pale fencing in yards as per drawing no KR/CO/TR/Type/14 with all contractor's cement, steel, steel moulds, shuttering etc. with all leads and lift including watering, curing etc. complete including transportation to site from casting yard with contractor's own labours, vehicle, tools, equipment with all leads and lift and as directed by Engineer-in-Charge.	RM.	872.00	572.00	498784.00
					498784.00

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.

Signature of Contractor

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

SCHEDULE C (For interlocking pavers)

Name of Work : Providing & fixing precast station name board, bogie name board, benches, water stand post & G.I. pipe line, palefencing, interlocking pavers at Madura new crossing station between Sawantwadi-Pernem station.

Name of agency :

S.N.	Item	Description	UNIT	RATE	QTY.	AMOUNT
1.	24132	Providing and fixing in position interlocking pavers heavy duty 350 kg/cm ² of approved colour and 65 mm thick including aligning, levelling, providing sand bed 50 mm thick with all contractor's men, materials, tools & plants, all leads and lifts etc., complete as directed by the engineer-in-charge.	Sqm.	450.00	640.00	288000.00
						288000.00

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.

Signature of Contractor

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

ADDITIONAL SPECIAL CONDITIONS OF CONTRACT

01 SCOPE OF WORK : The works mainly involved are Providing & fixing precast station name board of standard size as per enclosed drawing, bogie name board, water stand post including providing & laying G.I.Pipe line for station & colony as per requirement and supplying & spreading grit & making seating arrangement, providing & fixing pale fencing of approved drawing & interlocking pavers on platform etc. at Madura new crossing station between Sawantwadi-Pernem station.

SCHEDULE A(For station & bogie name board, benches, water stand post & G.I.pipe line)

- a) Excavation in all kinds of ordinary soil, murum, black cotton soil etc. with contractors own labour, tools, equipment including disposal of excavated materials away from site with all leads and lift and as directed by Engineer-in-Charge.
- b) Providing cement concrete 1:2:4 using 25 mm size hard stone aggregate in foundation, columns, beams etc. with contractors own cement, materials, labour, tools, equipment, shuttering etc. including watering & cutting with all leads & lift and as directed by Engineer-in-Charge.
- c) Providing precast reinforced cement concrete 1:2:4 using 20 mm size hard stone aggregate in slabs, shelves, precast station name board as per approved drawing, size and design etc. for making station name board etc. with contractors own cement, materials, labour, tools etc. with all leads & lift including watering & curing etc. as directed by Engineer-in-Charge.
- d) Supplying steel like for steel/mild steel of variation diameter as per requirement at site.
- e) Supplying, fabricating and erecting structured steel like angle, channel, ISMB, ISMC, MS plate etc. as per requirement at site for making bogie name boards etc. including supplying correct size of rivets, turn bolts/black bolts with nuts & washers including applying one primer coat of red lead paint or zinc chromate paint with all contractors own materials, paint, labour, tools, equipment in vivetted/welded construction etc. with all leads and lift and as directed by Engineer-in-charge.
- f) Providing & applying approved quality paint for painting of station name board, bogie name board as well as supplying & applying approved quality paint required for letter writing with all contractors own paint, labour, brush, tools etc. with all leads and lift.
- g) Providing & laying G.I.Pipe line of required diameter and class of pipe as mentioned in the schedule in station & colony including testing of pipe line to with stand pressure of 7 kg./cm² with all contractors own pipe, labour, tools, equipment etc. with all leads & lift and as directed by Engineer-in-Charge.
- h) Supplying, stacking & spreading crushed stone aggregate in required thickness with all contractors own materials, labour, tools, equipment etc. with all leads and lift and as directed by Engineer-in-Charge.

contd..2

SCHEDULE B(casting & fixing pale fencing)

- a) Casting of pale fencing in M25 concrete & fixing in foundation in C.C.1:2:4 as per approved drawing with all contractors own cement, steel, materials, labour, tools etc. with all leads and lift and as directed by Engineer-in-Charge.

SCHEDULE C(for interlocking pavers)

- a) Providing & fixing interlocking pavers 65 mm thick heavy duty 350 kg/cm² in position of approved quality, colour including aligning, levelling on bed of 50 mm sand with all contractors own materials, labour, tools etc. with all leads and lift and as directed by Engineer-in-Charge.

02 PERIOD OF COMPLETION : Two Months from the date of issue of acceptance letter.

03. TIME LIMIT : Time is the essence of the contract and the tenderer/contractor is required to complete the work within the period of completion.

04. MAINTENANCE PERIOD : Six Months from the date of completion of the work.

05 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.

06 Cement and steel required for the work shall be arranged by the contractor as the rate of items includes with all contractor's materials.

07 Cement Concrete : The cement required for the work should be confirm to IS-8112-1976 or IS 455 (slag cement) or pozzollana cement.

08 The cement brought to the site shall be approved of following brands.

- a) Indian Rayon /Rajashree cement
- b) ACC
- c) L&T
- d) Gujrat Ambuja
- e) Raymond
- f) Indo Rama

Cement bags which are older than three months from the date of manufacturing shall be summarily rejected. Contractor shall submit a test certificate from the manufacturer regarding quality of cement. The rates of concrete shall include the cost of cement and its transportation to site with all leads & lifts, loading, unloading & storage etc.

09 The contractor shall make arrangement to test cement, water, concrete cube as directed by Engineer-in-Charge at his own cost.

contd..3

10 Specification of bedding sand below paver blocks:

Bedding sand : a) The gradation of the bedding sand shall confirm to following specification.

IS sieve size	Percentage passing (%)
9.52 mm	100
4.75 mm	95-100
2.36 mm	80-100
1.18 mm	50-95
600 micron	25-60
300 micron	10-30
150 micron	0-15
75 micron	0-10

b) Joint Filling Sand : It shall confirm to following specification.

IS sieve size	Percentage passing (%)
2.36 mm	100
1.18 mm	90-100
600 micron	60-90
300 micron	30-60
150 micron	10-30
75 micron	0-10

11 Paver block shall have a non-skid top surface.

12 Its water absorption shall not be more than 10%

13 Testing of paver blocks : The rates for concrete block shall be deemed to include all charges for testing of paver blocks as required to be done in accordance with the specification. The cost of testing charges shall be borne by the contractor.

14 Drawing provided in the tender is tentative and may be changed as per site condition for which no claim will be entertained due to change in drawing.

15 Materials shall be kept on platform during the execution of work such way that no inconvenience is caused to the passengers as well as no infringement to schedule of dimension is caused.

16 The contractor shall make arrangement for testing of gradation aggregate and sand at site at his own cost.

17 The contractor shall make arrangements for the mix design at his cost. The mix design shall be reviewed in the event of change of in the source and quality of aggregate, sand and cement as and when required by the Engineer-in-Charge. The mix design will be approved after testing of cube strength for 7 days and 28 days.

18 Before the work is started, proportion of fine and course aggregate and their grading and minimum quantity of cement and water required to give a compressive strength at 28 days on 15 cm cubes shall be determined by trial mixes in the preliminary test.

contd..4

- 19 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.
- 20 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.
- 21 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.
- 22 The materials issued to the contractor shall be properly secured and the contractor is responsible for its safe custody. The contractor shall take all the necessary precaution to prevent its damage from fire, floods etc. In case of loss of materials, the corporation will recover the cost of materials as per extent rules. The contractor shall make his arrangement for storing the materials at site.
- 23 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 under-stood the safety aspects and requirements to be adopted/followed while executing the work. There shall be 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. The contractor shall not start any work without the presence of railway supervisor or his representative and contractor's supervisor at site.
- 24 After completion of work, the site shall be cleared of all muck and debris within period of 10 days from the date of completion of work. If contractor fails to do so, the muck/debris will be got removed by another agency and the cost will be recovered from the contractor.

- 25 Site order book, Hindrance register, daily progress register and material issue register shall be maintained at site and entries will be recorded day to day basis in the registers and signed jointly by Corporation supervisor and by the contractor or his authorised representative.
- 26 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.
 - ii) Rs.5,000/- per hour in case of goods trains.
- 27 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.
- 28 **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.

contd..6

- 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.
- 29 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

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

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