

RoadsandBridgesDevelopmentCorporationofKeralaLtd.(RBDCK)
(AGovernment ofKeralaUndertaking)
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QUOTATION NOTICE

Quotation No. RBDCK/T330/Vol I/231/ 2023

25/02/2023

On behalf of Roads and Bridges Development Corporation of Kerala Limited, its Managing Director invites sealed quotation on item rate basis for the Maintenance work of Devadhar ROB in Malappuram District. The scope of work consists of Replacement of Expansion joint, removal of concrete wearing coat, overlaying of Railway span& providing hump at toll booth area.

- | | | |
|-------------------------------------|---|--------------------------|
| 1. Period of completion | - | 45 days |
| 2. Date of issue of Schedule | - | 25.02.2023 |
| 3. Cost of document | - | Free of cost |
| 4. Estimate amount | - | Rs. 9.97 lakhs (Approx.) |
| 5. Last date and time of submission | - | 14/03/2023,3.00AM |
| 6. Opening | - | 14/03/2023,5.00AM |

Quotation forms can be obtained from the office of the under signed and website of RBDCK (www.rbdck.com) from 25/02/2023, 04.00PM to 14/03/2023, 01:00 PM and interested contractors may obtain further details from RBDCK at the address given above in the office hours.

Sd/-

Managing Director

INSTRUCTIONSTOBIDDERS

1. Printed quotation form can be obtained from the office of the under signed and website of RBDCK. Quotations submitted not in such printed forms or tenders, incomplete in any respect such as unattested errors and corrections etc will be liable for summary rejection.
2. No quotations received after the specified last date and time will be accepted on any account.
3. Details of the work with item wise specifications are given in the subjoined schedule of work. Bidders must quote only a single rate against each item in the Schedule. The rates quoted shall be inclusive ones covering all the operations contemplated in the schedule of works and all incidental works necessary for such operations. The rate quoted shall not be varied on any account whatever and it shall hold good for all items of work done, irrespective of variations of quantity if any.
4. Each Bidder should submit along with the quotation a signed copy of document along with copy of ID proof.
5. The acceptance of the quotation rests with the officer inviting tenders who does not undertake to accept the lowest or any particular quotation.
6. The quantities shown in the schedule are only approximate and are subject to variation and if found necessary the contractor is bound to do additional quantities upto 25% above estimate quantities of each item of work at his quoted rate. If any extra items of work not included in the schedule are executed, its rates will be arrived at on the basis of the rules followed in Kerala PWD.
7. Time is the essence of the contract. The work shall be completed within 30 days from the date of receipt of written order to commence the work.
8. Contractor shall be solely responsible for any damages occurring to the existing road or any other structures due to this work.
9. Contractor shall appoint qualified engineering representative at site to supervise the work.
10. Contractor should submit an undertaking regarding the fixing of expansion joint shall be done under the supervision of approved manufacture.
11. Contractor should providing hump at toll booth area as per drawing.

12. The rates quoted by the Contractor shall be deemed to be inclusive of the Sales & other taxes including octroi on all materials that the Contractor will have to purchase for performance of this Contract, BUT EXCLUDING GST @ 18% or as decided by the Government from time to time which will be paid in addition to the quoted rates.
13. The Defects liability period for the works is 24 months from the date of completion of the work.
14. The successful bidder shall deposit performance security for an amount equivalent to 3% of the quoted price before executing agreement.
15. In addition to Performance Security, retention money will be deducted from the running/ final bill of the contractor @ 2.5% of the gross amount of each running bill and same shall be released after expiry of defect liability period.

Name and Signature of the Contractor

SPECIFICATIONS AND SCHEDULE OF WORKS:

Sl. No	Item	Unit	Quantity	Rate	Amount(Rs.)
1	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, up to a lead of 1000 metres including removal and disposal of top organic soil not exceeding 150 mm in thickness				
		Hectare	0.061		
2	Removal of existing cement concrete wearing coat including its disposal complete as per Technical Specification without causing any detrimental effect to any part of the bridge structure and removal of dismantled material with all lifts and lead up to 1000 m				
		sqm	23.100		
3	Removing of Expansion Joints				
		RM	36.600		
4	Providing and laying of a strip seal expansion joint catering to maximum horizontal movement up to 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer & instructions for installation				
		RM	36.600		
5	Furnishing and Placing Micro Concrete pre packed cement-based polymer mortar of strength 45 Mpa at 28 days.				
		Cum	2.196		
6	Providing and applying tack coat with bitumen emulsion (RS) using emulsion pressure distributor at the rate of 0.20 - 0.30 kg per sqm on the prepared bituminous surface cleaned with mechanical broom.				
		Sqm	434.500		
7	Providing and laying bituminous concrete with 80-100 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with a bituminous binder (NRMB) @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level, and				

	alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects For Grading - II (13.2 mm Nominal Size)				
		Cum	23.100		
8	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads on Bituminous Surface @ 250 gms per sqm area, the thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform, and free from streaks and holes.				
		Sqm	19.250		
9	Providing and fixing reflective road studs (Raised Pavement Marker) of category A made out of ASA/HIPS/ABS moulded body with shanks and conforming to ASTM D 4280, strong enough to support a load of more than 13.635 T when tested in accordance with ASTM D 4280, reflective panel conforming to ASTM D 788, and reflectivity conforming to clause 804.4. including installation, drilling, fixing with adhesive etc. with 2 years warranty for the road stud as well as for in field performance as per clause 804.7.3; Road Markers/Road Stud with Lense Reflector :-				
		Nos	33.000		
10	Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 45°, frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001				
		each	4.000		
11	Positioning of a smart flagman with a yellow vest and a yellow cap and a red flag 600 x 600 mm securely fastened to a staff 1 m in length for guiding the traffic				
		each	16		
	Total				

Dated Signature of Contractor:

Name:

Address:

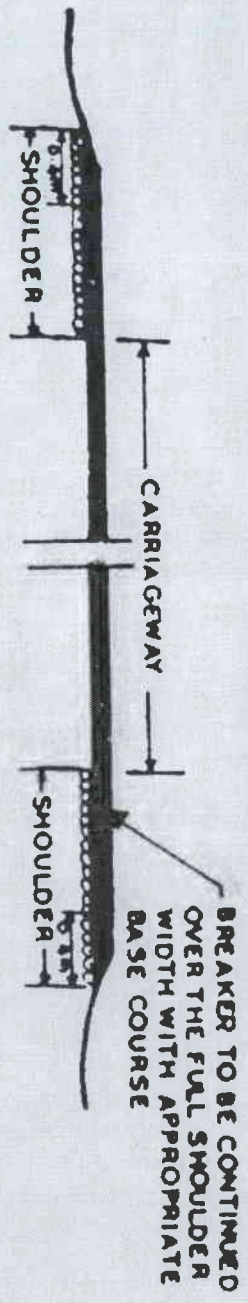
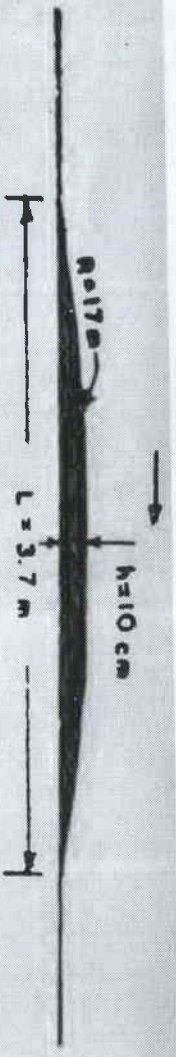
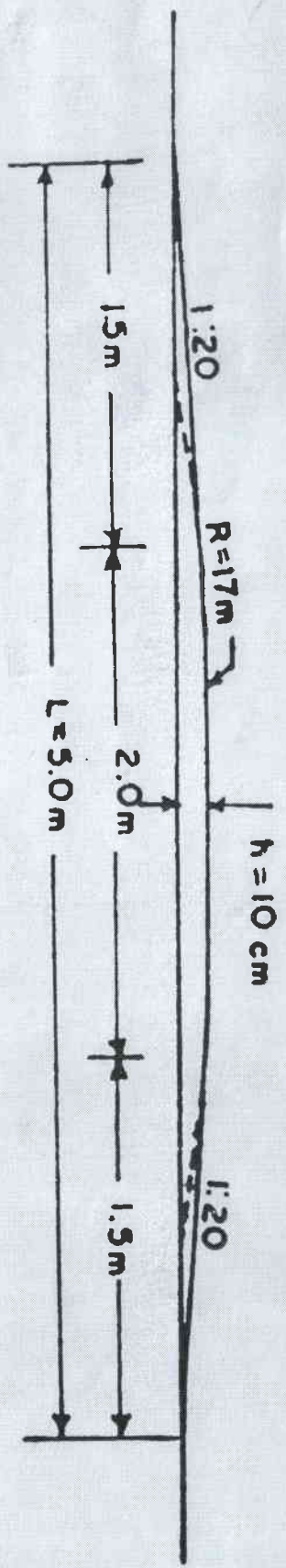


Fig. 1. Recommended specification for rounded hump type of speed breaker for general traffic at preferred crossing speed 25 km/h



(b) TRANSVERSE SECTION IS SAME AS GIVEN IN FIG. 1

Fig. 2. Recommended specification for hump type of speed breaker for heavy truck and bus traffic at preferred crossing speed 25 km/h