Roads and Bridges Development Corporation of Kerala Ltd. (RBDCK)

(A Government of Kerala Undertaking)

2nd floor, Preethi Building, M.V.Road Palarivattom. Kochi 682025

Phone (484)2338205, 2338206, Fax (91-484) 2533294 Website

www.rbdck.comEmail: -rbdckltd@gmail.com

OUOTATION NOTICE

Quotation No. RBDCK/Mulamkunnathukavu ROB/38/2025

16.10.2025

On behalf of Roads and Bridges Development Corporation of Kerala Limited, its Managing Director invites sealed quotation on item rate basis for the Demolition of toll booth and Maintenance Works of Mulamkunnathukavu ROB in Thrissur District.

Period of completion
 Date of issue of Schedule
 Cost of document
 30 days
 16.10.2025
 Free of cost

4. Estimate Amount - 117805.25/- (Excluding GST)

5. Last date and time of submission
 6. Opening
 21.10.2025,4.00 PM
 22.10.2025,11.00 AM

Quotation forms can be obtained from the office of the undersigned and website of RBDCK from 16.10.2025 to 21.10.2025 and interested contractors may obtain further details from RBDCK at the address given above in the office hours.

Sd/-General Manager RBDCK Ltd

INSTRUCTIONS TO BIDDERS

- 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 in 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 contractor must have successfully completed at least two similar nature works (repair/maintenance of roads or bridges). The bidder shall submit relevant document by competent authorities as proof of eligibility.
- 7. 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 up to 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.
- 8. 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.
- 9. Contractor shall be solely responsible for any damages occurring to the existing road or any other structures due to this work.
- 10. Contractor shall appoint qualified engineering representative at site to supervise the work.
- 11. 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.
- 12. The Defects liability period for the works is 06 months from the date of completion of the work.
- 13. The successful bidder shall deposit performance security for an amount equivalent to 5% of the quoted price before executing agreement.
- 14. 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.

SPECIFICATIONSAND SCHEDULEOFWORKS:

Sl.	Item	Unit	Quantity	Rate	Amount(Rs.)
No					
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 Strick of the control of th				
		Hectare	0.124		
2	Man Mazdoor engaged for cleaning the drain and other cleaning works				
		No	6		
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 meters br> Cement Concrete Grade M-15 & M-20 - By Mechanical Means 		2.90		
		Cum	2.70		
4	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 meters - br> Cement Concrete Grade M-15 & M-20 By Manual Means		1.99		
5	Excavation for roadwork in soil with hydraulic		**- *		
	excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all lifts and lead up to 1000m	Cum	4.80		
		Culli	7.00		

6 Construction of granular sub-base by providing graded material, spreading in uniform layers with a motor grader on a prepared surface, mixing by mix in-place method with rotavator at OMC, and compacting with a vibratory roller to achieve the desired density, complete as per clause 401. Grading-V - For sub-base cum drainage layer - Mix in Place Method 7 Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications cbr> PCC Grade M20 (Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground . 2					ı
with a motor grader on a prepared surface, mixing by mix in-place method with rotavator at OMC, and compacting with a vibratory roller to achieve the desired density, complete as per clause 401. Grading-V - For sub-base cum drainage layer - Mix in Place Method 7 Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. 10 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	6	Construction of granular sub-base by providing			
with a motor grader on a prepared surface, mixing by mix in-place method with rotavator at OMC, and compacting with a vibratory roller to achieve the desired density, complete as per clause 401. Grading-V - For sub-base cum drainage layer - Mix in Place Method 7 Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. 10 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		graded material, spreading in uniform layers			
mixing by mix in-place method with rotavator at OMC, and compacting with a vibratory roller to achieve the desired density, complete as per clause 401. Grading-V - For sub-base cum drainage layer - Mix in Place Method 7 Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications 					
at OMC, and compacting with a vibratory roller to achieve the desired density, complete as per clause 401. Grading-V - For sub-base cum drainage layer - Mix in Place Method 7 Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. Sqm 10.20 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications <a br-2-pcc"="" docs.precedencestrictions="" href="https://doi.org/10.100/mlipt.holes.pcc.in.cla.nlnlnlnlnlnlnlnlnln</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>to achieve the desired density, complete as per clause 401. Grading-V - For sub-base cum drainage layer - Mix in Place Method 7 Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. 8 Filling Pot-holes with Bituminous shelmad (premix aggregate using cold technology), Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmad (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications https://docs.precedencestrictions/br-2-PCC Grade M20 (Without formwork) https://docs.precedencestrictions/br-2-PCC Grade M20 (Without formwork) https://docs.precedence					
clause 401. Grading-V - For sub-base cum drainage layer - Mix in Place Method Cum 2.40 Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. Sqm 10.20 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications br> PCC Grade M20 (Without formwork) Without formwork) Vor) Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Cum 0.42 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
drainage layer - Mix in Place Method Cum 2.40 Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. Sqm 10.20 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications br> PCC Grade M20 (Without formwork) complete as per Drawing and Technical Specifications complete as per Drawing and Technical Specifications delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape , and conforming to clause 806 , IRC-79 and including fixing to ground . Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitte					
Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. Sqm 10.20 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications cbr> PCC Grade M20 (Without formwork) Without formwork) cluster of the department of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
7 Supplying and laying interlocking tile 100 mm or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.: complete. 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications 		drainage layer - Mix in Place Method	~	2.40	
or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.: complete. Sqm 10.20 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications technical Specifications scb> PCC Grade M20 (Without formwork) cbr> Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70- 100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001			Cum	2.40	
or nearest size thickness, minimum strength M 40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.: complete. Sqm 10.20 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications technical Specifications scb> PCC Grade M20 (Without formwork) cbr> Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70- 100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	7	Supplying and laying interlocking tile 100 mm			
40 including providing a layer of 6 mm aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. Sqm 10.20 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications https://doi.org/10.20 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications https://doi.org/10.20 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
aggregate for 5 cm thickness, then laying interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. Sqm 10.20 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications https://doi.org/10.00m/bigh.above ground installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
interlock cobbles in lines and levels as per the directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. Sqm 10.20 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology), Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications https://doi.org/10.00m/bigh.aboveground.evel , with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
directions of the departmental officers at site inclusive of all cost & conveyance charges etc.; complete. Sqm 10.20 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications Technical Specifications (Without formwork) Cum 0.42 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
inclusive of all cost & conveyance charges etc complete. Sqm 10.20 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications Technical Specifications (Without formwork) Supplying and installation of Flexible delineator (Roadway indicators) posts 70- 100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
sqm 10.20 8 Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology), Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications by PCC Grade M20 (Without formwork) (Without formwork) claim 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. 10 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications by PCC Grade M20 (Without formwork) (Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		1			
Filling Pot-holes with Bituminous shelmac (premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications by PcC Grade M20 (Without formwork) cWithout formwork) clin 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		complete.			
(premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground . Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001			Sqm	10.20	
(premix aggregate using cold technology). Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground . Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	8	Filling Pot-holes with Bituminous shelmac			
Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications by PCC Grade M20 (Without formwork) cWithout formwork) clip Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications brown PCC Grade M20 (Without formwork) (Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications br> PCC Grade M20 (Without formwork) (Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
on the sides and base of excavation as per clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications (Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
clause 503, back filling the pot holes with Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications (Without formwork) br> Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
Bituminous shelmac (premix aggregate using cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications (Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		_			
cold technology), compacting, trimming and finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications (Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
finishing the surface to form a smooth continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications (Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
continuous surface as per the direction of Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications (Without formwork) Cum 0.42 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
Engineer in Charge Sqm 18.00 9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications (Without formwork) 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		finishing the surface to form a smooth			
9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications (Without formwork) 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70- 100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		continuous surface as per the direction of			
9 Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications (Without formwork) 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70- 100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		Engineer in Charge			
Foundation complete as per Drawing and Technical Specifications (Without formwork) 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001			Sqm	18.00	
Foundation complete as per Drawing and Technical Specifications (Without formwork) 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	9	Plain/Reinforced Cement Concrete in Open			
Technical Specifications (Without formwork) To Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. The Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		_			
(Without formwork) (Without formwork) (Without formwork) (Cum 0.42) 10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. (Each 42) 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
10 Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		_			
Supplying and installation of Flexible delineator (Roadway indicators) posts 70-100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		(vv mnout formwork) < 01>	Cum	0.42	
delineator (Roadway indicators) posts 70- 100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	10	Cymplying and installation of Elimitat	Culli	0.72	
100cm high above ground level, with reflecting tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
tape, and conforming to clause 806, IRC-79 and including fixing to ground. each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
and including fixing to ground . each 42 11 Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		, , ,			
Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		and including fixing to ground.			
delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001			each	42	
delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001	11	Provision of metal drum/empty bitumen drum			
filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001		, · · · · · · · · · · · · · · · · · · ·			
Nos of 7.5 cm dia, all as per IRC:SP:55-2001					
Cacii ()		inos of 7.5 cm dia, an as per IRC:5P:55-2001	anch	6	
			cacii	U	

Providing and pasting High intensity reflective tape of 2 inch size of required color			
	RM	23	
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	2	
Total			

Dated Signature of	of
Contractor:	

Name:

Address: