

TenderNo: 1086(2)/2020/NK/TVPM

Office of the Nirmithi Kendra,
B Block, 4th Floor, Civil Station,
Kudappanakunnu, Thiruvananthapuram 43.
Pmnirmithi01@gmail.com, 0471-2732929
21.04.2022

INVITATION OF RE TENDER

District Nirmithi Kendra, Thiruvananthapuram invites tender from the competent firms/experienced contractors in prescribed form for Renovation of damaged road at Mangalathukonam Palachalkkonam Road.

Sl No	PARTICULARS	QTY	UNIT
1	Wet Mix Macadam Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406. By Mechanical Means with 1 km lead	53.419	cum
2	Modified Penetration Macadam 50 mm thick using Bitumen S-65 Construction of penetration macadam over prepared base by providing a layer of compacted crushed coarse aggregate using chips spreader with alternate applications of bituminous binder and key aggregates and rolling with a three wheel 80-100 kN static roller to achieve the desired degree of compaction as per Technical Specification Clause 506.	135.3	sqm
3	Prime Coat Medium porosity :- Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502.	712.250	sqm



4	Tack Coat Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	712.250	sqm
5	Tack Coat Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503	1405.250	sqm
6	20mm thick Open-Graded Premix Carpet using Bituminous (penetration grade/modified bitumen) Binder - Bitumen S-65 Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C as per Technical Specification Clause 508. Case - I By Manual Means (II)Bitumen (S-65)	2117.500	sqm
7	Seal Coat - Manual Means - Type C - Bitumen S-65 Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 A.By Manual Means:-Case - III : Type C (II)Bitumen (S-65)	2117.5	sqm
8	Providing Plain cement concrete for berm concrete work (without form work)CC 1:2:4(1cement:2fine aggregate:\$course aggregate)laid to required slope and camber in panels(@3mc/c)as required including compaction,finishing and tamping etc.complete.Max:size of course aggregate not exceeding 25mm,mixed in concrete mixer etc complete as per specification (i)Nominal mix (1:2:4)	1.33	M3

2) Bid Price

- a) The contract shall be for the full quantity as described above. Corrections if any shall be made by crossing out re-writing with initial and date.
- b) The rate should be all inclusive of taxes, levies, transports etc.
- c) Usual deduction of taxes will be made from the gross amount of bill.
- d) The rate tendered by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The price should be tendered in Indian rupees only.

3) Each bidder shall submit only one tender.

4) Validity of tender

Tender shall remain valid for a period not less than 45 days after the dead line date specified for submission

5) Evaluation of tender

The purchaser will evaluate and compare the tender determined to be substantially responsive i.e., which

- a) Are properly signed
- b) Confirm to the terms and conditions and specification.

6) Award of Contract

a) The tenderer will award the contract to the bidder whose tender has been determined to be substantially responsive and who has offered the lowest evaluated tender price

- b) Notwithstanding above, the tenderer reserves the right to accept or reject any tender and to cancel the bidding process and reject all tenderer at anytime prior to the award of the contract
- c) The bidder whose bid is accepted will be notified of the award of the contract by the tenderer prior to expiration of the tender validity period. The terms of the accepted offer shall be incorporated in the purchase order.

7) The amount will be released after verification of the material in physical, quality and receipt of invoice in this office according to the availability of funds. Individual or Authorized dealers/agents are only eligible.

8) Tenderer are requested to provide offer latest by 12 hours on **27.04.2022** and the tender will be opened at **27.04.2022**.

9) Cost of Tender form: Nil

10) Earnest Money Deposit: Nil

We look forward to receiving your tender and thank for your interest in this work.


Project Manager



TENDERNO.1086(2)/20/DNK

DISTRICT NIRMITHI KENDRA, THIRUVANANTHAPURAM

TENDER SCHEDULE

SI.NO	PARTICULARS	QTY	UNIT	RATE	AMOUNT
1	Wet Mix Macadam Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406. By Mechanical Means with 1 km lead	53.419	cum		
2	Modified Penetration Macadam 50 mm thick using Bitumen S-65 Construction of penetration macadam over prepared base by providing a layer of compacted crushed coarse aggregate using chips spreader with alternate applications of bituminous binder and key aggregates and rolling with a three wheel 80-100 kN static roller to achieve the desired degree of compaction as per Technical Specification Clause 506.	135.3	sqm		
3	Prime Coat Medium porosity :- Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502.	712.250	sqm		

4	Tack Coat Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	712.250	sqm		
5	Tack Coat Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503	1405.250	sqm		
6	20mm thick Open-Graded Premix Carpet using Bituminous (penetration grade/modified bitumen) Binder - Bitumen S-65 Providing, laying and rolling of open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 kN static roller capacity, finished to required level and grades to be followed by seal coat of either Type A or Type B or Type C as per Technical specification Clause 508. Case - I By Manual Means (II)Bitumen (S-65)	2117.500	sqm		
7	Seal Coat - Manual Means - Type C - Bitumen S-65 Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A, Type B and Type C as per Technical Specification Clause 510 A.By Manual Means:-Case - III : Type C (II)Bitumen (S-65)	2117.5	sqm		
8	Providing Plain cement concrete for berm concrete work (without form work)CC 1:2:4(1cement:2fine aggregate:\$course aggregate)laid to required slope and camber in panels(@3mc/c)as required including compaction,finishing and tamping etc.complete.Max:size of course aggregate not	1.33	M3		

	exceeding 25mm,mixed in concrete mixer etc complete as per specification (i)Nominal mix (1:2:4)				
	TOTAL				

Gross Total Cost:- Rs.....
.....(In words) We agree to supply the above goods in accordance with the
technical Specification for a total price of
Rs.....(amount in
figure)(amount in words) with
in the period specified in the invitation for tender.

Signature of tenderer

