

Amount

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Registered with AD

KERALA WATER AUTHORITY

No: D4-309/2023

Office of the Executive Engineer,
P. H. Division, Irinjalakuda,
Date: 03.03.2023

From
The Executive Engineer

To
Sri. Prabhukumar N,
Koppambil House,
Kusumagiri P.O, Kakkanand,
Ernakulam, Kerala - 682030.
E mail: - prabhukumar6286@gmail.com; Phone: - 9746236286

Sir,
Sub: - JJM - RDWSS to Karalam, Kattoor, Padiyur, Poomangalam (Part-V) - PWD Road Restoration works at Kattoor Grama Panchayath - Work order with accepted schedule forwarding - Reg.

Ref: - This office E-tender No. 90/EE/ PHD/ IJK/2022 -23 dated 13.02.2023

With reference to the above, the Contractor Sri.Prabhukumar N, Koppambil House, Kusumagiri P.O, Kakkanand, Ernakulam - 682030., is here by informed that his tender for the above work has been accepted at **Rs.41,77,408/- (Rupees Forty One Lakh Seventy Seven Thousand Four Hundred Eight only)** (Without GST) ie, 2.48% below the Estimate rate less cost of all departmental materials specified to be supplied and recovered at the rates given in the conditions of contract quoted by him. He is directed to attend this office on or before **18.03.2023** with required stamp paper (0.1% of accepted PAC) Stamp fee of **Rs.4,200/-** and security deposit mentioned below and execute the agreement and start the work within a week, after getting necessary instructions from the Sub Divisional Officers.

1. Before executing the agreement on stamp paper, you should deposit a security deposit of **Rs. 1,25,400/- (Rupees One Lakh Twenty Five Thousand Four Hundred only)** for the fulfillment of the contract. **The 50% of security deposit must be Treasury saving deposit compulsory** and balance of Security Deposit as in the form of Bank Guarantee or any other forms prescribed in the revised PWD manual and the above documents shall be duly pledged in favour of the Executive Engineer, P.H. Division, Kerala Water Authority, Irinjalakuda. The E.M.D. will be released on production of Deposit Receipt.
2. Any failure in this directions will be liable to result in forfeiture of his special and permanent Earnest Money and the cancellation of the proposed contract and the contractor shall be liable to pay the Govt. the entire loss that may be caused to Govt. by the retender or re-arrangement of the work or otherwise consequent on the contractor's failure to execute the agreement for the work as provided for the clause - 2 of the Notice inviting tenders and all such loss shall be recovered from him under the provisions of the Revenue Recovery Act or otherwise.
3. It must be understood that on no account the rates once fixed will be increased.
4. The work should be completed in **6 (Six) months**.
5. All the terms and conditions of the Notice inviting tenders and tender shall be binding on the contractor.
6. **This work includes the provision for road restoration work in PWD roads. This work shall carry out under the supervision of PWD/NH officials and as per the G.O.(Ms) No.11/2023/PWD Dated, Thiruvananthapuram, 14-02-2023 and prevailing norms of NH/PWD and KWA.**

Yours faithfully


EXECUTIVE ENGINEER

EXECUTIVE ENGINEER
Kerala Water Authority
P.H. DIVISION
IRINJALAKUDA

Acc: Accepted Schedule
Copy to the Asst. Exe. Engineer, PH Sub Dn. Irinjalakuda
" Asst. Engineer, PH Section, Irinjalakuda
" Agreement/original/duplicate.

KERALA WATER AUTHORITY, P.H. DIVISION, IRINJALAKUDA

Work Name: JJM - RDWSS to Karalam, Kattoor, Padiyur, Poomangalam (Part-V) - PWD Road Restoration works at Kattoor Grama Panchayath.

ACCEPTED SCHEDULE

Sl. No.	Item Description	Quantity	Units	Accepted Rate		Total Amount
				Figures	Words	
1	PWD Road restoration -BMBC					
1.001	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tipper, 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 upto 1000m	316.0000	cum	48.0000	Rupees Forty Eight Only	15168.00
1.002	Construction of granular sub-base by providing graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with a motor grader on the prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 Grading-I - Plant Mix Method	158.0000	cum	3050.0000	Rupees Three Thousand Fifty Only	481900.00
1.003	Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	118.5000	cum	3000.0000	Rupees Three Thousand Only	355500.00
1.004	Providing and applying primer coat with bitumen emulsion (SS) on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.70 - 1.0 kg/sqm using mechanical means.	790.0000	sgm	73.0000	Rupees Seventy Three Only	57670.00
1.005	Providing and applying tack coat with bitumen emulsion (RS) using emulsion pressure distributor at the rate of 0.25 - 0.30 kg per sqm on the prepared Granular Surface cleaned with mechanical broom.	790.0000	sgm	14.0000	Rupees Fourteen Only	11060.00

Sl. No.	Item Description	Quantity	Units	Accepted Rate		Total Amount
				Figures	Words	
1.006	Providing and laying bituminous macadam 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 (VG 30), transported to the site, laid over a previously prepared surface with paver finisher to the required grade, level, and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction For Grading II - (19 mm nominal size)	39.5000	cum	11900.0000	Rupees Eleven Thousand Nine Hundred Only	470050.00
1.007	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)	23.7000	cum	14500.0000	Rupees Fourteen Thousand Five Hundred Only	343650.00
1.008	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.	790.0000	sqm	11.0000	Rupees Eleven Only	8690.00
1.009	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.	70.0000	sqm	503.0000	Rupees Five Hundred Three Only	35210.00

Sl. No.	Item Description	Quantity	Units	Accepted Rate		Total Amount
				Figures	Words	
2	PWD Road restoration - Tile work					
2.001	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tipper, 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 upto 1000m	14.0000	cum	48.0000	Rupees Forty Eight Only	672.00
2.002	Construction of granular sub-base by providing graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with a motor grader on the prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 Grading-1 - Plant Mix Method	7.0000	cum	2900.0000	Rupees Two Thousand Nine Hundred Only	20300.00
2.003	Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	5.2500	cum	300.0000	Rupees Three Hundred Only	1575.00
2.004	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.	35.0000	sqm	1180.0000	Rupees One Thousand One Hundred Eighty Only	41300.00
2.005	Plain/Reinforced Cement Concrete in Open Foundation complete as per Drawing and Technical Specifications RCC Grade M20 - Using Concrete Mixer - (Without formwork)	5.2500	cum	7780.0000	Rupees Seven Thousand Seven Hundred Eighty Only	40845.00

Sl. No.	Item Description	Quantity	Units	Accepted Rate		Total Amount
				Figures	Words	
3	Temporary Restoration					
3.001	Refilling the trenches with a wet mix of close graded granular materials (Stone aggregate - 25mm nominal size - 17.5%, Stone aggregate - 10mm nominal size - 17.5%, Crushed Stone - 2.36mm to 12.5mm - 25%, Stone chippings / screenings - 4.75mm nominal size - 20%, Stone chippings / screenings - 150 micron nominal size - 20%), mixing properly after adding sufficient quantity of water, refilling in layers not exceeding 150mm, compacting properly at Optimum Moisture Content with Surface Plate Vibrator and disposing the excavated material etc. complete, including traffic control, providing caution boards and as per direction of Engineer-in-charge for road restoration works in pipeline leak sites.	216.5000	cum	7000.0000	Rupees Seven Thousand Only	1515500.00
3.002	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:2:4 (cement : 2 coarse sand (zone-II) : 4 graded stone aggregate 20 mm nominal size)	108.2500	cum	7190.0000	Rupees Seven Thousand One Hundred Ninety Only	778317.50
Total Accepted PAC Rs. (Without GST)						4,177,408
Rupees Forty One Lakh Seventy Seven Thousand Four Hundred Eight only						

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 Kerala Water Authority
 3rd. DIVISION
 IRINJALAKUDA

