

പതിമൂന്നാം കേരള നിയമസഭ - അഞ്ചാം സമ്മേളനം

നക്ഷത്രചിഹ്നമിടാത്ത ചോദ്യം നമ്പർ:1661

18/06/2012 - ൽ മറുപടിക്ക്

മങ്കോട്ടച്ചിറ ഫിഷ് ഫാം റോഡ്

ചോദ്യം

മറുപടി

ശ്രീ. തോമസ് ചാണ്ടി:

ശ്രീ.കെ. ബാബു
(മത്സ്യബന്ധനവും തുറമുഖവും
എക്സൈസും വകുപ്പ് മന്ത്രി):

(എ) ഫിഷറീസ് വകുപ്പിന് കീഴിൽ നിർമ്മിക്കുന്ന എടത്വായിലെ മങ്കോട്ടച്ചിറ ഫിഷ് ഫാം റോഡ് നിർമ്മാണ പദ്ധതിയുടെ വിശദമായ റിപ്പോർട്ട് ലഭ്യമാക്കുമോ;

(എ) ഫാർബർ എഞ്ചിനീയറിംഗ് വകുപ്പ് നടപ്പിലാക്കിയിരുന്ന തീരദേശ റോഡുകളുടെ നിലവാരം ഉയർത്തൽ പദ്ധതിയിൽ ഉൾപ്പെട്ട ആലപ്പുഴ ജില്ലയിലെ എടത്വായിൽ മങ്കോട്ടച്ചിറ ഇന്റഗ്രേറ്റഡ് ഫിഷ് ഫാം മരിയാപുരം റോഡിന്റെ നിർമ്മാണത്തിനായി ഭരണാനുമതി നൽകിയിട്ടുണ്ട്. ടി റോഡിന്റെ എസ്റ്റിമേറ്റ് റിപ്പോർട്ട് അനുബന്ധമായി ചേർക്കുന്നു.

(ബി) പ്രസ്തുത റോഡു നിർമ്മാണം അടിയന്തിരമായി പൂർത്തീകരിക്കുന്നതിന് നടപടി സ്വീകരിക്കുമോ ?

(ബി) കരാർ നൽകിയിട്ടുണ്ട്. റോഡിന്റെ വശങ്ങളുടെ ഭിത്തി നിർമ്മാണം ആരംഭിച്ചിട്ടുണ്ട്. റോഡിന്റെ ഫോർമേഷനുവേണ്ടി പ്രാഥമിക ലെവൽ എടുക്കുകയും തുടർ നടപടി സ്വീകരിക്കുകയും ചെയ്തു വരുന്നു. ഇതു കൂടാതെ ഒന്നാം നിര മെറ്റലിംഗിനു വേണ്ട മെറ്റൽ സപ്ലൈയും ആരംഭിച്ചിട്ടുണ്ട്. പ്രവൃത്തി സമയബന്ധിതമായി പൂർത്തീകരിക്കുന്നതാണ്.

Peter Rindler
സെക്ഷൻ ഓഫീസർ

ESTIMATE REPORT

GOVERNMENT OF

Name of work:- Upgradation of coastal roads in Alappuzha District-
Metalling and Tarring of Road Mankottuchira-Integrated
Fish Farm road in Ward IX of Edathuva Panchayath,
Kuttanadu Taluk

The road is in ward No.IX of Edathuva Panchayath. The road starts from
Mankottuchira and ends at Pamba river near Integrated fish^{base}. Total length of the
road is 935m and average width is 4.0m.

In this estimate gravel formation is proposed for entire length of road for an
average depth of 30cm and additional filling is proposed at ch.0 to 315m, 320 to
565m ch. 670 to 720m and ch.815 to 855 m due to the level difference of land.
After formation two layers metalling and 20mm premixed chipping carpet are
given.

At Ch. 670 to 730m. and ch.815 to 855m retaining wall is proposed at the
sides for the stability of road. For the retaining wall, dry rubble masonry upto
water level and over to this RR masonry is proposal.

The work can be completed within a period of six months and S.O.R 2010 is
followed for preparing the estimate. Total estimated cost is Rs.47 lakhs (Forty
Seven Lakhs only). as per actual conveyance statement and including 5% to over head
charges



CHIEF ENGINEER
Harbour Engineering Department,
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Peri Gendun
03/02/2010

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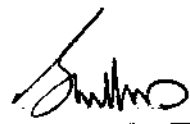
GRADATION OF COASTAL ROADS IN ALAPUZHA DISTRICT - Mettaling and Tarring Of
Mankottuchira-Integrated Fish Farm Road in Edathuva Panchayath, Kuttanadu Taluk

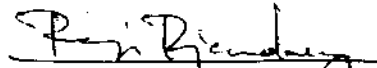
| Quantity | Description of items | Rate | Unit | Amount |
|--------------|---|---------|-------|---------|
| 3550.00 m3 | Filling and forming roadway with gravelly earth cut and conveyance from available place spreading in horizontal layers of uniform thickness over the full width, drying of watering as the case may be, scarifying to get uniform optimum moisture cocntent and compacting in layers not exceeding 25cm (loose thicknes) using power roller, statisfying compaction tests including trimming slopes to lines and levels (Daily outturm of power roller = 370 m3) | | | |
| 2 335.00 m3 | Supplying 60mm graded metal (proportion of 7:3 of 60mm and 36mm by volume and stacking in standard heaps for measurement including all cost, conveyance etc. | 5984.12 | 10m3 | 2124363 |
| 3 335.00 m3 | Supplying 36mm hard granite broken stone and stacking in standard heaps for measurement including all cost, conveyance etc. | 1032.90 | m3 | 346022 |
| 4 118.00 m3 | Supplying stacking good red earth for blinding in standard heaps for measurement including all cost, conveyance etc. | 1109.90 | m3 | 371817 |
| 5 86.00 m3 | Supplying 12mm hard blue granite metal and stacking in standard heaps for measurement including all cost, conveyance etc. | 650.10 | m3 | 76712 |
| 6 30.00 m3 | Supplying 6mm hard blue granite metal and stacking in standard heaps for measurement including all cost, conveyance etc. | 1447.60 | m3 | 124494 |
| 7 3330.00 m2 | Metalling the roadway, 100mm spread thickness, compacted to 75mm using departmental broken stone (graded in the ratio of 7:3 of 60mm and 36mm sizes) 1m3 per 10m2 and departmental blinding materials (0.2m3 per 10m2), bed rolling, spreading broken stone to template, rolling dry to compaction from sides to center until the movement of broken stones cease, watering profusely and rolling until the fines creame up and fill the voids of the stones, then spreading the gravelly earth and sweeping into the joints, watering and rerolling until the gravelly earth has worked into all the crevises and only a thin coat of slurry remains, then take off the roller and allow to set to harden for 24 hours and rerolling the next day until any deformity is rectified, including fencing, lighting, watching and maintaining the surface free of ruts for 15days after completion (daily out-turn of roller = 840m2). | 1205.60 | m3 | 36168 |
| 8 3330.00 m2 | Metalling the roadway, 100mm spread thickness, compacted to 75mm using 36mm departmental broken stone (1m3 per 10m2) and departmental blinding materials (0.15m3 per 10m2), spreading broken stone to template, rolling dry to compaction from sides to center until the movement of broken stones cease, watering profusely and rolling until the fines creame up and fill the voids of the stones, then spreading the gravelly earth and sweeping into the joints, watering and rerolling until the gravelly earth has worked into all the crevises and only a thin coat of slurry remains, then take off the roller and allow to set to harden for 24 hours and rerolling the next day until any deformity is rectified, including fencing, lighting, watching and maintaining the surface free of ruts for 15days after completion (daily out-turn of roller = 840m2). | 521.19 | .10m2 | 173556 |

521.19 .10m2 173556

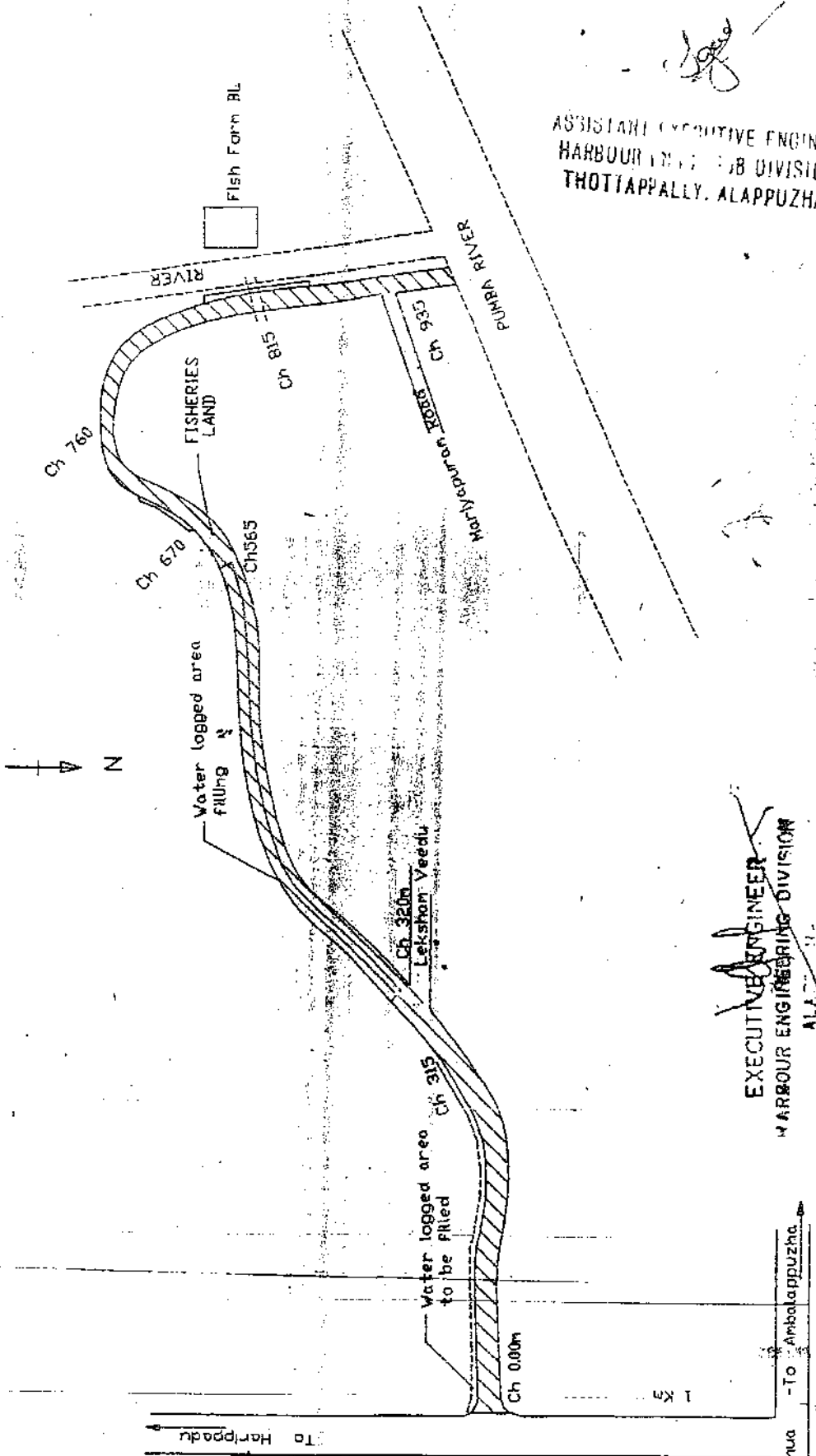
P. R. Ramesh

| | | | | |
|----|-------------------------|--|----------------------------------|---------|
| | 3140.00 m ² | Providing 20mm pre-mixed chipping carpet over WBM surface with departmental broken stone after thoroughly cleaning the base with wire brushes, bass brooms and applying a priming coat of 7.5kg of bitumen/ 10sq.m and spreading the hot pre-mix (formed of 0.27m ³ of departmental 12mm metal and 12.96kg of bitumen per 10m ²), rolling to dense surface, then spreading the seal coat (comprising of a hot pre-mix of 0.09m ³ of 6mm departmental metal and 8.64kg of bitumen per 10m ²) again rolling including the cost and conveyance of bitumen, oils and fuels, hire of bass brooms, camber board, roller and other machines, watching, lighting and other charges etc., complete (total usage of bitumen is 29.10kg / 10m ²) (Daily out-turn for roller = 840m ²) | | |
| 10 | 75.00 m ³ | Supplying & stacking gravel earth for side berm | 1386.22 10m ² | 435273 |
| 11 | 940.00 m ² | Forming shoulders of road using deptl. Gravel to the required lines and levels, thickness and consolidating by rolling with 600mm dia roller etc. complete. | 622.60 m ³ | 46695 |
| 12 | 8.00 m | Supplying conveying and laying 600 mm R.C. heavy duty non-pressure pipe class NP3 including specials and fittings, lowering to trenches, placing in position ready for jointing including fencing, lighting, watching, fixing caution board etc. complete (details for 5 m. | 1848 m ² | 11371 |
| 13 | 30.00 m ³ | Earth work excavation in ordinary soil and depositing on bank with initial lead upto 50m and lift upto 1.5m including breaking clods, watering, ramming and sectioning of spoil bank, etc., Complete. (Applicable to narrow excavations as in foundation) S.I 51 | 2026.66 m | 16213 |
| 14 | 45.00 m ³ | Earth work excavation in under water or liquid mud and depositing on bank with initial lead up to 50 m and lift up to 1.5m | 884.40 10m ³ | 2653 |
| 15 | 130.00 m ³ | Dry rubble masonry for retaining walls. | 1061.28 10m ³ | 4776 |
| 16 | 50.00 m ³ | Random rubble masonry in cement mortar 1:6 for foundation and basement. | 1320.88 m ³ | 171714 |
| 17 | 4500.00 dm ³ | Cement concrete 1:2:4 using 20mm (nominal size) broken stones over Rubble Work including all form work, watering, curing etc complete. | 2585.15 m ³ | 129257 |
| | | | 55.11 10dm ³ | 24800 |
| | | 5% Overhead charge | | 4275440 |
| | | Unforeseen items if any | | 213772 |
| | | | | 210788 |
| | | Grand Total Rs | | 4700000 |


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 02/02/2013

UPGRADATION OF COASTAL ROAD (INLAND) IN ALAPPUZHA DISTRICT - LOCATION MAP OF MANKOTTUCHIRA - INTEGRATED FISH FARM ROAD AT EDATHUA PANCHAYATHU



ASSISTANT EXECUTIVE ENGINEER
HARBOUR ENGINEERING DIVISION
THOTTAPPALLY, ALAPPUZHA.

[Signature]
EXECUTIVE ENGINEER
HARBOUR ENGINEERING DIVISION
ALAPPUZHA

GEN. RAJAGOPAL PARAMESWARAN
MANKOTTUCHIRA

[Signature]
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37m