

NEDUNGADU COMMUNE PANCHAYAT

Name of work:

**Reconstruction of Cross drainage leading to Panchatcharapuram
pet in Nedungadu Commune.**

NOTICE INVITING TENDER

FORM – 6

NOTICE INVITING TENDER

Tender for the work of	:	Reconstruction of cross drainage leading to Panchatcharapuram pet in Nedungadu Commune.
Approximate cost put to Tender	:	₹. 96,904/-
Earnest Money Deposit	:	₹. 1,940/-
Date of Tender opening	:	
This tender contains	:	47 sheet only
Time allowed for the work	:	6 (six Months (including Monsoon Period)

**COMMISSIONER
COMMUNE PANCHAYAT
NEDUNGADU**

NEDUNGADU COMMUNE PANCHAYAT**NOTICE INVITING TENDER for e-Tendering**

1. Item rate tenders are invited on behalf of the Nedungadu Commune Panchayat Council from eligible contractors/ firms registered with Public Works Department, Puducherry for the work of **“Reconstruction of cross drainage leading to Panchatcharapuram pet in Nedungadu Commune.**

” through e-Tender

1.1 The work is estimated to a cost of ₹. **96,904/-** This estimate, however, is given merely as a rough guide.

1.2 Tender can be downloaded from e-Tender website <http://karaikal.gov.in> by the eligible contractors/who are registered with Public Works Department, Puducherry

2. Agreement shall be drawn with the successful tenderer on prescribed Form No.8 which is available with Nedungadu Commune Panchayat, Nedungadu. Tenderer shall quote his rates as per various terms and conditions of the said form and submit which will form part of the agreement.

3. The time allowed for carrying out the work will be **6 (six) Months** including monsoon period from the tenth day after the date of written orders to commence the work or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.

4. The site for the work is available **“Reconstruction of cross drainage leading to Panchatcharapuram pet in Nedungadu Commune.”**

5. Contractors can download and submit the tenders in tender box which downloaded from the web site. The contractors shall not approach the office of the Commissioner, Nedungadu Commune Panchayat for receiving the Tender Schedule. The Tender Schedules can not be sold in the office of the Commissioner.

6. i) **Earnest money of ₹. 1,940/- and tender schedule cost of ₹. 525/- (including GST @ 5%) should be paid through Banker's cheque/ Demand draft mode only through offline in favour of the Commissioner, Nedungadu Commune Panchayat, Nedungadu as per the provisions found in the tender Notice.**

7. Tender, documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms and conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen in the website.

8. The description of the work is as follows :- **“Reconstruction of cross drainage leading to Panchatcharapuram pet in Nedungadu Commune.”** Copies of other drawings and documents pertaining to the works can be down loaded by the tenderers.

Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools and plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender on line by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc., will be issued to him by the Nedungadu Commune Panchayat and local conditions and other factors having a bearing on the execution of the work.

8(i) The contractor whose tender accepted, will be required to furnish performance guarantee of 5% (five percent) of the tendered amount within the period specified in Schedule "F". This guarantee shall be in the form of cash (in cash guarantee amount is less than Rs,10,000/-) or Deposit at call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Pay order of any scheduled (in case guarantee amount is less than Rs.1,00,00,000/-) or Govt. Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. **Incase the contractor fails to deposit the said performance Guarantee with in the period indicated in Schedule 'F' including the extended period if any, the Earnest Money Deposited by the contractor shall be forfeited automatically without any notice to the contractor.**

9. The competent authority on behalf of the Nedungadu Commune Panchayat Council does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the tenders received without the assignment of a reason. All tenders, in which any of the prescribed conditions are not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.

10. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

11. The competent authority on behalf of the Nedungadu Commune Panchayat Council reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

12. The contractor shall not be permitted to tender for works in the Nedungadu Commune Panchayat, Nedungadu (responsible for award and execution of contracts) in which his near relative is posted as Commissioner or as an officer in any capacity, between the grades of Superintending Engineer and Assistant Engineer (both inclusive). He shall, also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Nedungadu Commune Panchayat, Nedungadu. Any breach of his condition by the contractor would render him liable to be removed from the approved list of contractors of this Commune Panchayat.

13. No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in this Commune Panchayat is allowed to work as a contractor for a period of two years after his retirement from Panchayat service, without the previous permission of the Nedungadu Commune Panchayat Council in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Nedungadu Commune Panchayat Council as aforesaid before submission of the tender or engagement in the contractors service.

14. The tender for the works shall remain open for acceptance for a period of **ninety days** from the **date of opening of financial bid**. If any tenderer withdraws his tender before the said period or issue of letter of acceptance whichever is earlier or make any modifications in the terms and conditions of the tender which are not acceptable to the Nedungadu Commune Panchayat, then the Nedungadu Commune Panchayat Council without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.

15. This notice inviting tender shall form a part of the contract document. The successful tenderer / contractor, on acceptance of his tender by the Accepting Authority, shall within 10 days from the stipulated date of start of the work sign the contract, consisting of ---

- (a) The notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
- (b) Standard Form 8

*Signature of the Commissioner,
Nedungadu Commune Panchayat*

.....
For and on behalf of the Nedungadu Commune Panchayat Council

NEDUNGADU COMMUNE PANCHAYAT

ITEM RATE TENDER AND CONTRACT FOR WORKS

(A) Tender for the work of **“Reconstruction of cross drainage leading to Panchatcharapuram pet in Nedungadu Commune.”**

- (i) To be submitted by 3.30 PM.....to the Commissioner,Nedungadu Commune Panchayat,Nedungadu.

- (ii) To be opened inpresence of tenders who may be present at 4.00PM on.....in the office of the Commissioner, Nedungadu Commune Panchayat,Nedungadu.

issued to

(Contractor)

Signature of Office issuing the documents

Designation

Date of issue.....

TENDER

I/We have read and examined the notice inviting tender, Schedules A, B, C, D, E and F. Specifications applicable, drawings and designs, general rules and directions, conditions of contract, clauses of contract, special conditions, schedule of rates and other documents and rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Nedungadu Commune Panchayat Council within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings, and instructions in writing referred to in Rule – 1 General Rules and Directions and in Clause 11 of the Conditions of Contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

We agree to keep the tender open for **Ninety (90) days** from the **date of opening of financial bid** thereof and not make any modifications in its terms and conditions.

A sum of ₹. **1,940/-** has been deposited [in **Banker's cheque/ Demand draft mode** as earnest money. If I / We fail to furnish the prescribed Performance guarantee fail to commence the work specified, I/We agree that the said Commissioner, Nedungadu Commune Panchayat , Nedungadu, or his successors in the office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Scheduled in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clauses 12.2 and 12.3 of the tender form.

I/We hereby declare that I/We shall treat the tender documents, drawings and other records connected with the work as secret/confidential documents and shall not communicate information/ derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to be safety of the State.

I/We agree that should I/We fail to commence that work specified in the above memorandum, and amount equal to the amount of the earnest money mentioned in the form of invitation of tender and the performance guarantee shall be absolutely forfeited to the Nedungadu Commune Panchayat Council or his successors in office and the same may at the option of competent authority on behalf of the Nedungadu Commune Panchayat Council be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

Dated.....
Contractor

Signature of

Postal address :

Witness :
Address :
Occupation :

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Nedungadu Commune Panchayat Council for a sum of (Rupees.....
.....only)

The letters referred to below shall form part of this contract agreement:-

- (a)
- (b)
- (c)

For and on behalf of Nedungadu Commune Panchayat Council

Signature.....

Dated.....

Designation.....

**NEDUNGADU COMMUNE PANCHAYAT COUNCIL
NEDUNGADU COMMUNE PANCHAYAT**

GENERAL RULES AND DIRECTIONS

1. All works proposed for execution by contract will be notified in a form of invitation to tender pasted in public places and signed by the officer inviting tender or by publication in newspapers and in the e-Tender website as the case may be.

This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender and the amount of the security deposit to be deposited by the successful tenderer and the percentage, if any, to be deducted from the bills. Copies of the specification, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.

2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or, in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of-attorney authorizing him to do so, such power - of - attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.

3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where the contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having authority to give effectual receipts for the firm.

4. Any person who submits a tender shall fill up his name in the appropriate field of the BOQ (Bill of Quantities) template uploaded, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable for rejection. No single tender shall include more than one work but contractors who wish to tender for two or more works shall submit separate tender for each. Tenders shall have the name and number of the work to which they refer.

The rate(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and considering more than fifty paise as rupees one.

4A. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, will be liable to rejection. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer.

5. The officer inviting tender or of his duly authorized Assistant will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amount of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money forwarded therewith shall their upon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule – 1. In the event of a tender being rejected, the earnest money forwarded with such unaccepted tenderers shall thereupon be returned to the contractor remitting the same, without any interest.

6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.

7. The memorandum of work tendered for and the schedule of materials to be supplied by Nedungadu Commune Panchayat and their issue rates shall be filled and completed in the office of the officer inviting tender. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the office to have this done before he completes and uploads his tender.

8. The tenderers shall sign a declaration under the Officials Secret Act, 1923 for maintaining secrecy of the tender documents, drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them.

9. In the case of item rate tenders which are called through e-Tender, only rates quoted shall be considered. Rates quoted by the contractor in item rate tender in figures shall be accurately filled in so that there is no discrepancy in the rates written in figures.

10. In the case of any tender where unit rate of any item/items appear unrealistic, such tender will be considered as unbalanced and in case the tender is unable to provide satisfactory explanation such a tender is liable to be disqualified and rejected.

11. All rates shall be quoted on the tender form in online.

12. The contractor shall be required to deposit an amount equal to 5% of the tendered value of the work as performance guarantee in the form of an irrevocable Bank Guarantee bond of any Scheduled Bank or State Bank of India in accordance with the form prescribed or in the form of fixed deposit receipt etc., as in the case of recovery of security deposit within 15 days of the issue of letter of intent but before award of work. This period can be further extended by the Engineer-in-Charge up to a maximum period of 7 days on written request of the contractor.

13A. A sum @ 10% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum along with sum already deposited as earnest money will amount to security deposit of 5% of the tendered value of the work (bank Guarantee is not to be accepted as security deposit).

13B. The Superintending Engineers / Executive Engineers of the Nedungadu Commune Panchayat on evaluation of tender and if the tender is found that the overall amount quoted is less than **15.00%**, then the contractor shall be asked to pay an additional performance guarantee amounting to 50% of the difference between the quoted amount and estimate cost put to tender. Failure to furnish the additional performance guarantee over and above the normal performance guarantee of 5% within 15 days from the date of receipt of acceptance letter, shall entitle cancellation of award and forfeiture of EMD furnished.

14. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.

15. Sales tax, Purchase tax, Turnover tax or any other tax on material in respect of this contract shall be payable by the contractor and Nedungadu Commune Panchayat will not entertain any claim whatsoever in respect of the same. **This work is covered under the Puducherry goods and Services Tax Act and hence the contractor is liable to pay a GST for work done.**

16. The contractor shall give a list of both Gazetted and Non-Gazetted Nedungadu Commune Panchayat employees related to him.

17. The tender for the work shall not be witnessed by a contractor or contractors who himself/themselves has/have tendered or who; may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to be summarily rejected.

18. The tender for composite work includes in addition to building work, all other works such as sanitary and water supply installations drainage installation, electrical work horticulture work, roads and paths etc. The tenderer must associate himself with agencies of tender for sanitary and water supply drainage, electrical and horticulture works, if any, in the composite tender.

19. The contractor shall submit list of works, which are in hand (progress) in the following form:

Name of Work	Name and particulars of Division where is being executed	Value of work	Position of works in progress	Remarks
(1)	(2)	(3)	(4)	(5)

20. The contractor shall comply with the provisions of the Apprentices Act, 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be breach of the contract and the Nedungadu Commune Panchayat Council may in his discretion without prejudice to any other right or remedy available in law cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.
21. The Contractor / Firm must obtain necessary prior permit from Puducherry Ground water Authority for the water requirement of the proposed construction / road work which will be met out either from tube well or Transportation through tanker lorries before the commencement of construction work.
22. The issues for which contractors seeking arbitration shall be referred to the dispute redressal Committee (DRC) which is constituted vide circular No.604/PW/CE/W/EE(P)/AE(P)1/2013-14 dated 16.05.2013 at the first instance and then the proposal shall be referred to appointment of arbitrator as per the provisions under the general conditions of Contract.
23. Inviting the guideline prescribed by the central vigilance Commission no Post-tender negotiation shall be conducted with the tender. The tenders are expected of quote then rate with in the permissible limit of variation as per Chief Engineers circular. 3100/PW/CE/EE(P)/AE(P)/3/F.No.Circular/2015-16, dt.27.11.2015/

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**NEDUNGADU COMMUNE PANCHAYAT
NEDUNGADU**

SCHEDULE OF QUANTITIES

Name of work: Reconstruction of cross drainage leading to Panchatcharapuram pet in Nedungadu Commune.

Sl. No.	Code No.	Description	Qty.	Unit	Quoted Rate		Total Amount
					In Fig.	In Words	
1.	2	3	4	5	6	7	8
1	2.8.1	Earth work in excavation in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5m. including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m - all kinds of soil.	18.50 cum	1cum (one cubic meter)			
2	2.27	Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.	1.75 cum	1cum (one cubic meter)			
3	4.1.10	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering.- All work upto plinth level -1:5:10 (1 cement:5coarse sand : 10 graded stone aggregate 40mm nominal size)	2.50 cum	1cum (one cubic meter)			
4	4.3.1	Centering shuttering including struttings, propping etc. and removal of form work for foundations, footings , bases for columns.- Using steel sheet with M.S.frames	29.00 sqm	1sqm (one square meter)			

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1	2	3	4	5	6	7	8
5	4.1.5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering.- All work upto plinth level -1:3:6 (1 cement:3coarse sand : 6 graded stone aggregate 20mm nominal size)	6.50 cum	1cum (one cubic meter)			
6	5.12	Providing ,hoisting and fixing upto floor five level precast reinforced cement concrete work in string courses, bands , copings, bed plates, anchor blocks, plain window sills and the like including the cost of required centring, shuttering, finishing smooth with 6 mm thick cement plaster 1:3 (1 cement : 3 fine sand) on exposed surfaces complete but excluding cost of reinforcement with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	2.25 cum	1cum (one cubic meter)			
7	5.22.7	Reinforcement for R.C.C work including straightening , cutting , bending , placing in position and binding all complete - Thermo - Mechanically treated bars(ISIBRAND OF APPROVED MAKE) including placing the M30 grade Athees make cover block @ 60cm centre to centre	375 kg	1kg (one kilo gram)			

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SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Sl. No.	Description of Item	Quantity	Rates in figures and words at which the materials will be charged to the contractor	Place of issue
(1)	(2)	(3)	(4)	(5)

-----Contractor's own arrangements-----

SCHEDULE 'C'

Tools and plants to be hired to the contractor.

Sl. No.	Description	Hire charges per day	Place of Issue
(1)	(2)	(3)	(4)

1 -----Contractor's own arrangements-----

SCHEDULE 'D'

Extra schedule for specific requirements / documents for the work, if any.

SCHEDULE 'E'

Schedule of component of materials, labour, etc. for escalation.

SCHEDULE 'F'

Reference to General conditions of contract.

Name of work: **"Reconstruction of cross drainage leading to Panchatcharapuram pet in Nedungadu Commune."**

Estimated Cost of Work : **96,904/-**

Earnest Money : **₹. 1,940/-**

Performance Guarantee : 5% of the tendered value

Security Deposit : 5% of the tendered value

Additional Performance

Guarantee (in case of tender

which is more than **15.00%** : 50% of the difference in cost between the quoted amount and estimate cost put to tender.

GENERAL RULES & DIRECTIONS	Officer Inviting Tender:	The Commissioner, Nedungadu Commune Panchayat, Nedungadu.
	Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 &12.3 % (See below)
Definitions :		
2(v)	Engineer-in-Charge	The Executive Engineer, Karaikal Municipality, Karaikal.
2(viii)	Accepting Authority	The Nedungadu Commune

		Panchayat Council
2(x)	Percentage on cost of materials and labour to cover all overheads and profits.	As admissible
2(xi)	Standard Schedule of Rates	Puducherry Schedule of Rates for the year 2013-14 and addendum from road work applicable to Karaikal Region – which is inclusive of VAT@2.80%
2(xii)	Commune Panchayat, Nedudngadu.	Commune Panchayat, Nedudngadu.
9 (ii)	Standard P.W.D. Contract Form	Form-8 as modified and Form corrected upto date.

MODIFIED CLAUSES AS PER CON / MAN CIRCULARS

Clause 1 (i)	Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, in days	15 days
(ii)	Maximum allowable extension beyond the period as provided in (i) above in days.	7 days
<p>The contractor whose tender is accepted, will be required to furnish performance guarantee of 5% (five percent) of the tendered amount within the period specified in Schedule F. this guarantee shall be in the form of Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form.</p> <p>In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.</p> <p>The Superintending Engineer/Executive Engineer of the Nedungadu Commune Panchayat are hereby instructed that on evaluation of tender if it is found that if the over all amount of quoted tender is less than 15%, the contractor shall pay an additional performance guarantee amounting to 50% of the difference between the quoted amount and estimate cost put to tender. Failure to furnish the additional performance guarantee over and above the normal performance guarantee of 5% within 15days from the date of receipt of acceptance letter, shall entitle cancellation of award and forfeiture of EMD furnished.</p>		
Clause 1A	Recovery of Security Deposit as amended	
Clause 2	Authority for fixing compensation under Clause 2	Nedungadu Commune Panchayat Council on advice of the SE/EE,KM.
Clause 2A	Whether Clause 2A shall be applicable	No
Clause 3	Modified	
Clause 3A	Modified	
Clause 3B	Deleted	
Clause 5		
Para (i)	Time allowed for execution of work	6 (six) months including monsoon period
Para (ii)	Authority to give fair and reasonable extension of time for completion of work	Nedungadu Commune Panchayat Council, Nedungadu.

MILESTONE(S) As per table given below

TABLE FOR MILESTONE(S)

Sl. No.	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be withheld in case of non-achievement of milestone
1.			
2.			

Or

Sl. No.	Financial Progress	Time allowed in days (from date of start)	Amount to be withheld in case of non-achievement of milestone
1.	1/8 th (of the whole work)	1/4 th (of the whole work)	In the event of not achieving the necessary progress as assessed from the running payments 1% of the tendered value of work will be withheld for failure of each milestone.
2.	3/8 th (of the whole work)	½ (of the whole work)	
3.	3/4 th (of the whole work)	3/4 th (of the whole work)	
4.	Full	Full	

Clause 7 Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.

Clause 10B (ii) Mobilisation advance modified to the max of 10% of tendered value with 10% simple interest. Not applicable

Clause 10B (iii) Plant, Machinery and Shuttering Material Advance as amended

Clause 10C As amended

Clause 10CA	Applicable / Not applicable	
Clause 10CC	Applicable / Not applicable	
Clause 11	Specifications to be followed for execution of works	C.P.W.D. specifications 2002, MORTH, IRC & CPHEEO specifications and manuals (with correction slips and subsequent publications)
Clause 12	Clause 12.1.2 deleted and renumbered as 12.1	
12.2 & 12.3	Deviation limit beyond which Clauses 12.2 & 12.3 shall apply for superstructure.	30%
12.5	Works related to foundation Deviation limit beyond which clause 12.2 & 12.3 shall apply for	
	(i) For maintenance work Building work of time bound urgent & emergency nature.	50 %
	(ii) For foundation work	100 %
Clause 16	Competent Authority for deciding reduced rates.	The Commissioner, Nedungadu Commune Panchayat on the advice of the EE/SE, KM.
Clause 17	Enhancement of maintenance period	Twelve (12) months
Clause 21	Subletting the work - not permitted	
Clause 36	Modified Clause 36 as per No.DGW/CON/203 dt 6.1.05 is applicable.	

“Requirement of Technical Representative (s) and Recovery Rate”

Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical Representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 36(i)	
						Figures	Words
1.	Graduate in civil Engineering	Civil	Principal Technical Representative	5 years	1	15,000/- p.m.	(Rupees Fifteen thousand only)
2.	Graduate Engineer or Diploma Engineer	Civil	Technical Representative	NIL or 5 years	1	10,000/- p.m.	(Rupees Ten thousand only)

Assistant Engineers retired from Government services who are holding Diploma will be treated at par with Graduate Engineers.

Clause 42

- (i) (a) Schedule / Statement for determining theoretical quantity of cement and bitumen on the basis of Delhi Schedule of Rates 2007 printed by C.P.W.D.
- (ii) Variations permissible on theoretical quantities.
 - (a) Cement for works with estimated cost put to tender not more than 3% plus / minus not more than 5 lakhs.
For works with estimated cost put to tender more than 5 lakhs 2% plus / minus
 - (b) Bitumen all works 2.5% plus only and nil on minus side.
 - (c) Steel reinforcement and structural steel sections for each diameter, section and category. 2 % plus / minus.
 - (d) All other materials. Nil

**RECOVERY RATES FOR
QUANTITIES BEYOND PERMISSIBLE VARIATION**

Sl.No.	Description of items	Rates in figures and words at which recovery shall be made from the contractor, Rate in Schedule 'B' plus 10% in case materials issued by Nedungadu Commune Panchayat	
		Excess beyond permissible variation	Less use beyond the permissible variation
1	2	3	4
1.	Cement		
2.	Steel Reinforcement		
3.	Structural sections		
4.	Bitumen issued free		
5.	Bitumen issued at stipulated fixed price.		

CLAUSE 47

During the course of contract period, deduction of "CESS" to provide social security and various welfare benefits through the Puducherry Buildings and other construction workers Welfare Board under Section 18 of the Building and Other Construction Workers Cess collection (RECS) Act, 1996, shall be made at the rate of 1% (One Percent) of the gross amount of each bill or as per the advice of the Government of Puducherry.

GENERAL CONDITIONS

(1) The work shall in general be carried out in accordance with CPWD specifications for works 2002 with correction slips and issued from time to time. Revised CPWD Specification 2002 for cement mortar, cement concrete & RCC.

(2) However if the said specifications differ from those given in the description of any particular item in the schedule of quantities and specifications stipulated herein, the latter shall prevail.

(3) If the detailed description of any particular item in the schedule of quantities and specifications finally accepted by the Nedungadu Commune Panchayat differs from the particular specifications given hereunder, the former shall prevail to the extent applicable.

(4) If the particular specification given hereunder differs from I.S. code provisions, in any respect, the former shall prevail.

(5) Wherever any reference to any Indian standard specification occurs in the documents relating to this contract the same should be inclusive of all amendments issued thereto or revision thereof if any, upto the date of receipt of tenders.

(6) Conditions involving any financial implications other than those covered in the schedule of quantities will not be entertained and such tenders are also liable to be rejected.

(7) When working near existing structures, care shall be taken to avoid any damage to such structures, any such damage caused intentionally or unintentionally shall be restored to original and or acceptable condition and to the satisfaction of the Engineer-in-charge.

(8) The contractor shall give to the Commune Panchayat , Police and other authorities all notices etc., that may be required to be given as per law and obtain all requisite licenses for temporary obstructions, enclosures and pay all fees, taxes and charges which may be leviable on account of the operations during the execution of the contract. No extra claim of the contractor will be entertained by the Nedungadu Commune Panchayat on this account.

(9) Other agencies doing works related to this project may also simultaneously execute the works and the contractor shall co-ordinate and co-operate with them as found to be necessary at no extra cost.

(10) Any cement slurry or lime mortar or any combination thereof or water proofing material required for continuation from old work is demand to have been in built in the relevant items themselves and nothing extra shall be paid for the same.

(11) Unless otherwise specified in the schedule of quantities the rate for all items of the work shall be considered as inclusive of pumping out or bailing out water if required for which no extra payment will be made. This will include water encountered from any source as rains, flood, and subsoil water table being high due to any other cause whatsoever.

CONDITIONS FOR ISSUE OF MATERIALS

The materials shall be issued to the contractor at the place of delivery as mentioned in schedule 'B'. If these are delivered at any other site, the difference due to cartage will be adjusted accordingly. The contractor shall have to cart at his cost the materials to the site of work as soon as these are issued. The materials shall be issued between the working hours and as per rules prevails in the stockyard of the materials as framed from time to time.

The contractor shall bear all incidental charges for cartage, storage and safe custody of materials. No reimbursement of the expenses will be made by the Nedungadu Commune Panchayat.

The contractor shall construct suitable godown at the site of work for storing the materials safe against damage of sun, rain, dampness, fire, theft etc. he shall also employ necessary watch and ward establishment for the purpose.

Cement bags shall be stored in separate godown with pucca floor weatherproof roofs and walls. Each godown shall be provided with a single door with two locks. The keys of one lock shall remain with the Nedungadu Commune Panchayat's Junior Engineer-in-charge of the work and that of the other lock with authorized agent of the contractor at the site of work so that the cement is removed from the godown accordingly to the daily requirements with the knowledge of both the parties.

The cement shall be stacked on proper floors consisting of two layers of dry bricks laid on well-consolidated earth at a level of at least 0.3 meters above ground level. These stocks shall be in row of 2 and 10 high with a minimum of 0.6 meter clear space around. The bags would be placed horizontally continuous in each line as shown in the sketch at page 398 of C.P.W.D. specification 2002.

The day today receipts and issue accounts of cement shall be maintained by the Junior Engineer-in-charge and signed daily by the contractor or his authorized agent.

MATERIALS OBTAINED FROM DISMANTLEMENT

I. The contractors, in course of their work, should understand that all materials (e.g. stone and the other materials) obtained in the work of dismantling, excavation etc. will be considered Nedungadu Commune Panchayat property and issued to the contractor (if they require the same for their own use) at rates approved by Nedungadu Commune Panchayat Council. If these materials are not required by them, they will dispose of to the best advantage of Nedungadu Commune Panchayat Council.

DELAY IN OBTAINING MATERIALS BY THE NEDUNGADU COMMUNE PANCHAYAT

II. Owing to difficulty in obtaining certain materials in the open market, the Nedungadu Commune Panchayat have undertaken to supply materials specified in schedule 'B' of the tender forms at rates stated therein. There may be delay in obtaining the materials by the Nedungadu Commune Panchayat and the contractor is, therefore required to keep himself in touch with the day to day position regarding the supply of materials from the Engineer-in-charge and to so adjust the progress of their work that their labour may not remain idle nor may there be any other claim due to so arising from delay in obtaining the materials. It should be clearly

understood that no claim whatsoever shall be entertained by the Nedungadu Commune Panchayat on account of delay in supplying materials.

III. M.S. or deformed bars shall be issued in lengths as available in stores. M.S. or deformed bars shall be issued in straights or in coils as available and nothing extra shall be payable for straightening the bars. The bars issued in available lengths shall be cut to the required lengths and nothing extra shall be payable for the same.

IV. The contractor shall have to deposit the approved paints of required color and shade as per actual requirements of the work to be done with the Engineer-in-charge at his Nedungadu Commune Panchayat Store at the site of work.

The contractor shall be responsible for the water proofness of the roof for one full monsoon season after the date of completion. He shall rectify the defect noticed after due intimation in writing is given by the Engineer-in-charge failing which, Engineer-in-charge shall get the defects repaired at the contractor's risk and cost.

WATER SUPPLY AND SANITARY WORK

V. The contractor shall engage licensed plumber for the work and get the materials tested by the Nedungadu Commune Panchayat authorities whenever required at their own cost. The work shall be carried out according to the Nedungadu Commune Panchayat Bye-laws and the contractor shall produce necessary certificate from Nedungadu Commune Panchayat authorities after completion of work.

VI. The contractor shall have to deposit water proofing compound as per the actual requirements for the water proofing job with the Engineer-in-charge at his Nedungadu Commune Panchayat Stores at the site of work.

The water proofing compound will be issued to the contractor from time to time according to his requirements for the work in the same manner as the issue of the materials stipulated to be issued Nedungadu Commune Panchayat.

INCONVENIENCE TO PUBLIC

VII. The contractor shall not deposit materials on any site, which will seriously inconvenience the public. The Engineer-in-charge may require the contractor to remove any materials, which are considered by him to be a danger or inconvenience to the public or cause them to be removed at the contractor's cost.

VIII. Any damage to work resulting from rains or from any other cause until the work is taken over by the Nedungadu Commune Panchayat after completion will be made good by the contractor at his own cost.

IX. The contractor shall deposit royalty and obtain necessary permit for supply of sand, HBG metal, red earth, etc. from local authorities.

X. The contractor shall get himself acquainted with the nature and extent of the work and satisfy himself about the availability of quarry and of kiln for collection and conveyance of materials required for the construction. The contractor's quoted rate should take into account all

these factors and will not be allowed for extra lead for collection and conveyance of materials for any reason whatsoever.

XI. The contractor will be permitted to set up labour camp only before a week from the commencement of work and not exceeding fifteen days after the completion of the work.

XII. The contractor shall conform to the provision of any Nedungadu Commune Panchayat acts which relate to works and to the regulations and bye-laws of any local authorities. The contractors shall give all notices required by the said acts or laws etc., pay all fees payable to such authorities and allow for these contingencies in his tendered rates including fees for encroachments, costs of restoration etc., and all other fees payable to the local authorities.

XIII. Where surplus earth of a suitable quality exists at the site of work, the contractor shall be allowed to use same free of cost making mud mortar for masonry and for laying mud terracing over the roof. The Engineer-in-charge shall be the final authority to decide whether the earth obtained from excavation is surplus or not.

The surplus earth excavated which is beyond the requirement of Nedungadu Commune Panchayat works, may be allowed by the Executive Engineer to be disposed of by the contractor on his own or to sell the surplus earth to private parties at his discretion, but nothing extra will be paid for carriage or disposal of the surplus earth, if the same is not required for Panchayat works.

Wherever fine sand has been mentioned in the schedule of quantities, it should be conforming to the grading Zone-I or Zone-V as mentioned in the C.P.W.D. specifications.

XIV. Concrete will be mixed with mixers either operated by hand or mechanical.

XV. The contractor shall not employ women and men below the age of 18 on the work of painting with products containing lead, in any form wherever men above the age of 18 are employed on the work of lead painting, the following principles must be observed for such use:

- (a) White lead sulphate or lead, of products containing these pigments shall not be in painting operation except in the form of paste or of paint ready for use.
- (b) Measure shall be taken in order to prevent danger arising from application of paint in the form of spray.
- (c) Measure shall be taken wherever practicable against danger arising from dust caused by dry rubbing down and scraping.
- (d) Adequate facilities shall be provided to enable working painters to wash during and on cessation of work.
- (e) Overalls shall be worn by working painters during whole of the working period.

- (f) Suitable arrangements shall be made to prevent clothing put off during working hours being soiled by painting materials.
- (g) Causes of lead poisoning and suspected lead poisoning shall be subsequently verified by a medical team appointed by the competent authority.
- (h) The Nedungadu Commune Panchayat may require when necessary medical examination of workers.
- (i) Instructions with regard to the special hygienic precautions to be taken in the painting trade shall be distributed to working painter.

The standard section weights referred to as standard tables in para 5.3.3 in specifications for work 1996 to Vol-VI and 2002 be considered for conversion of length of various size of M.S. bars and for steel bars into weights are as under:-

Size (Diameter) mm	Weight Kg/m	Size (Diameter) mm	Weight Kg/m
(1)	(2)	(3)	(4)
6	0.222	25	3.855
8	0.395	28	4.836
10	0.617	32	6.316
12	0.888	36	7.994
16	1.579	40	9.869
18	1.999	45	12.490
20	2.467	50	15.424
22	2.985		

Issue of steel diameter above 10mm will be regulated on sectional weights basis, weight being calculated with the help of the above tables. However, for bars TMT steel up to and including 10mm the following procedure shall be adopted. The average sectional weights for each diameter shall be arrived at from samples from each lot of steel received at site. The actual weight of steel issued shall be modified to take into account the variations between the actual and the standard co-efficients given above and the contractor's account will be debited by the cost of this modified quantity only. The discretion of the Engineer-in-charge shall be final for the procedure to be followed for determining the average sectional weight of each lot. Quantity of each diameter of steel received at site of work each day will constitute one single lot for this purpose.

SPECIAL CONDITIONS APPLICABLE FOR ROAD WORKS

(1) Construction Equipment:

- 1.1 The methodology and equipment to be used on the project shall be furnished by the Contractor to the Engineer well in advance of commencement of work and approval of the Engineer obtained prior to its adoption and use.
- 1.2 The Contractor shall give a tail run of the equipment for establishing its capability to achieve the laid down specification and tolerance to the satisfaction of the Engineer before commencement of work, if so desired by the Engineer.
- 1.3 All equipment provided shall be proven efficiency and shall be operated and maintained at all times in a manner acceptable to the Engineer.
- 1.4 No equipment or personnel will be removed from site without permission of the Engineer.

(2) Work Program and Methodology of Construction:

The Contractor shall furnish his program of construction for execution of the work within the stipulated time schedule together with methodology of construction each item of work and obtain the approval of the engineer prior to actual commencement of work.

(3) Revised Programme of Work in case of Slippage:

In case of slippage from the approved work programme at any stage, the Contractor shall furnish revised programme to make up the slippage within the stipulated time schedule and obtain the approval of the Engineer to the revised programme.

(4) Action in case of Disproportionate Progress:

In case of extremely poor progress of the work or any item at any stage of work which in the opinion of the Engineer cannot be made good by the Contractor considering his available resources, the Engineer will get it accelerated to make up the lost time through any other agency and recover the additional cost incurred, if any, in getting the work done from the Contractor after informing him in writing about the action envisaged by him.

(5) Setting out:

Setting out the work as spelt out in clause 109 of Ministry's Specifications for Road and Bridge Works 4th Revision will be carried out by the Contractor.

(6) Public Utilities:

Action respect of public utilities will be taken by the contractor as envisaged in Clause 110 of Ministry's Specifications for Road and Bridge Works 4th Revision.

(7) Arrangement for traffic during construction:

Action for arrangement for traffic during construction will be taken by the contractor as envisaged in the contract documents and spelt out in clause 112 of Ministry's Specifications for Road and Bridge Works 4th Revision.

(8) Quality Control:

The onus of achieving quality of work will be on the contractor who will take action as stipulated in the Ministry's for Road and Bridge Works 4th Revision.

(9) Ministry's specification for Road and Bridge Works (4th Revision):

Ministry's specification for Road and Bridge Works 4th Revision will form part of the contract documents and the contractor will be legally bound to the various stipulations made therein unless and otherwise specifically relaxed or waived wholly or partly through a special clause in the contract document.

(10) Documentation:

The Contractor will prepare drawing (s) of the work as constructed and will supply original with three copies to the Engineer who will verify and certify these drawings. Final as constructed drawing(s) shall then be prepared by the Contractor and supplied in triplicate along with a micro film of the same to the Engineer for record and reference purposes.

(11) The contractor shall make his own arrangement to provide the bitumen required for the work from approved public sector, refineries such as IOC, BP, HPL, etc. and produce the paid voucher to the Engineer-in-charge. The materials so procured shall be got tested before use.

(12) The use of rubber modified bitumen shall be as per the guide lines of "IRC SP 53-99"

(13) The contractor shall use "Electronic sensor Paver" for this work.

(14) Regarding bearings, the MoRTH letter No.RW/NH-34057/1/2008-S & R (B) dated 22.7.2009 and its Corrigendum No.RW/NH-34057/1/2008-S & R (B) dated 09.09.2009 shall be adhered.

(15) The Pile shall be terminated at a depth as per the direction of Engineer-in-charge.

ADDITIONAL CONDITIONS

1. The rate for all items of works shall unless clearly specified otherwise include cost of all labour, materials and others inputs involved in the execution of item.

2(a) For the purpose of recording measurements and preparing running account bill the abbreviated nomenclature enclosed with the standard form shall be adopted .The abbreviated nomenclature shall be taken to cover all the materials and operations as per the complete nomenclature of the relevant items in the agreement and other relevant specifications.

(b) In case of extra and substituted items of work for which abbreviated nomenclature is not provided in the agreements, the full nomenclature of items shall be reproduced in the measurement books and bill forms for running account bills.

3. For all doors and windows whether factory made or otherwise, cleats and rubber buffers 30mm dia. shall be provided as directed by the Engineer-in-charge and the rate for the shutter item shall include the cost of providing such wooden cleats and buffers.

4. For those doors where hydraulic door closer is provided only wooden cleats need not be provided and no reduction in rate shall be made for the same.

5. The particle board shutter shall be provided, with teak wood lipping (beading) at the edge to which hinges are fixed, without any extra cost.

6. For works where items of aluminium doors, windows etc., are specified, the grade of anodic coating to be provided in accordance with table I of IS: 1868-1968 together with reference to IS: 5523-1969.

7. Where hydrated lime is available, this can be used on the works and the places where hydrated lime is not available, lime concrete will be prepared by the traditional method of slaking the lime preparing the lime putty etc.

8. (a) Tendered rates are inclusive of all taxes and levies payable under the respective status. However pursuant to the constitution (46th Amendment) Act 1982, if any further tax or levy is imposed by the statute after the date of receipt of tenders and the contractor thereupon necessarily and properly pays such taxes/levies, the contractors shall be reimbursed the amount so paid provided such payment, if, any, is not, in the opinion of the Commissioner (whose decision shall be final and binding) attributable to delay in execution of work within the control of the contractor.

(b) The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorized representative of Nedungadu Commune Panchayat and further shall furnish such other information/document as the Engineer-in-Charge may require.

(c) The contractor shall within a period of 30 days of imposition of any further tax or levy pursuant to the Constitution (46th Amendment) Act, 1982 give a written notice thereof to the Engineer-in-Charge pursuant to this condition, together with all necessary information relating therein.

The components of material labour P.O.L as indicated in Para 3 of sub clause 10(cc) have been prescribed as below

(a)	Material	- 75%
(b)	Labour	- 25%
(c)	P.O.I	- Nil
		100percent

9. Stipulated materials shall be issued for use at site of work for all the items where such materials are required. For factory made products like precast cement tiles, precast hollow

concrete blocks, precast foam concrete blocks, precast RCC pipes etc., stipulated materials shall not be issued.

10. While execution of the work, the contractor shall organise his work in such a way that the normal functioning of the premises is not disturbed.

11. Any damage done to the existing structure while dismantling execution of the work shall be made good by the contractor at claim shall be made good by the contractor at his own cost and no extra claim shall be entertained on this account.

12. The item of Anti-termite treatment shall be executed through a specialized firm.

CONDITIONS FOR STEEL:

13. (i) The contractor shall make his own arrangements to provide the steel required for the work from SAIL / IISCO / TISCON / VIZAG / JSW STEEL PLANT and produce the paid voucher to the Engineer-in-Charge. The materials so procured shall be got tested before use.

(ii) The steel reinforcement shall be brought to the site in bulk supply of 10 tonnes or more or as decided by the Engineer-in-charge.

(iii) The steel reinforcement shall be stored by the contractor at site of work in such a way as to prevent distortion and corrosion and nothing extra shall be paid on this account. Bars of different sizes and lengths shall be stored separately to facilitate easy counting and checking.

(iv) For checking nominal mass tensile strength bend test, re-bend test etc, specimen of sufficient length shall be cut from each size of the bar at random at frequency not less than that specified below.

Size of bar	For consignment below 100 tonnes	For consignment over 100 tonnes
Up to 10mm dia	One sample for each 25 tonnes or part thereof	One sample for each 40 tonnes or part thereof
10mm to 16mm dia	One sample for each 35 tonnes or part thereof	One sample for each 45 tonnes or part thereof
Over 16mm dia	One sample for each 45 tonnes or part thereof	One sample for each 50 tonnes or part thereof

(v) The contractor shall supply free of charge the steel required for the testing the cost of tests shall be borne by the contractor/department in the manner indicated below:

(a) By the contractor, if the results show that the steel does not confirm to relevant BIS codes

(b) By the Department, if the results show that the steel confirms to relevant BIS codes.

(vi) The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in clause 10 of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in clause 42 of the contract and shall be Governed by conditions laid therein.

(vii) Steel brought to site and steel remaining unused shall not be removed from site without the written permission of the Engineer-in-charge.

14. The contractor shall procure 43 grade OPC / PPC cement having ISI mark from reputed firms having annual turn over of not less than one million MT and stores it in the site godown as per the guidelines specified in the CPWD specification 2002 under double lock system. The paid voucher of the cement procured shall be produced to the Engineer-in-Charge. The cement procured shall be got tested before use.

15. The contractor shall make his own arrangements to provide the bitumen required for the work from approved public sector, refineries such as IOC, BP, HPL etc., and produce the paid voucher to the Engineer-in-Charge. The materials so procured shall be got tested before use.

16. Necessary test certificates should be produced from the approved laboratory for the quality of materials.

17. Defective materials will be rejected and the same have to be replaced by the contractor at his own cost.

18. Original purchase vouchers should be produced at the time of receipt of materials and at the time of verification by the Engineer-in-Charge. The name of contractor, name of work and agreement number should be clearly noted in the original vouchers.

19. The test specimens shall be provided at free of cost by the contractor.

20. As per Circular No. 339/PW/EE(D)/F.No.213/02/03; dt:10-10-02, of Puducherry. The cost of samples and all other incidental charges such as packaging transportation to the laboratory, etc., shall also be borne by the contractor. The testing fee shall be paid by the Engineer-in-Charge if the materials pass the test.

21. The test for cement has to be conducted for every 1000 bags or part. The test for steel has to be conducted for every consignment of 20 tonne or part thereof for each size/dia.

22. Payment for the item of laying Semi Dense Bituminous Concrete shall be made after conducting the density / compaction measurement test and also the surface roughness measured with Bump Integrator, by the Highways Research Station, Chennai and ensuring that

(a). In respect of density /compaction, the test result conforms to the density prescribed in the mix design and,

(b). In respect of surface roughness measured with Bump Integrator the result shall conform to the values prescribed in Table – 3 of IRC – SP-16-2004.

ADDITIONAL CONDITIONS II

ADOPTION OF PSR ABBREVIATED NOMENCLATURE - 2007

As per Chief Engineer's PWD Circular No.378/PW/EE(D)/AE(C)/F.NO.286/2002-03, dated 30.10.2002 the Puducherry Schedule of Rates Abbreviated Nomenclature 2002 for buildings and road works shall be adopted in recording of measurements and preparation of running account bills, etc., wherever applicable as per CPWD Works Manual 2007.

PARTICULAR SPECIFICATIONS

1. The work executed shall be measured as per metric dimensions given in the schedule of quantities. The FPS units wherever indicated in the drawings are for guidance only.
2. Unless otherwise specified, all the rates quoted by the contractor shall be for items of work at all levels and heights of the building.
3. The work shall be executed as per the C.P.W.D. specifications 2002 (with correction slips and subsequent publications). In case of discrepancies between the specifications of a particular item as indicated in the C.P.W.D. specifications mentioned above and as indicated in the nomenclature of the item the latter shall prevail.
4. All stone aggregate, sand etc., shall be obtained only from quarries or other sources approved by the Engineer-in-Charge.

All the materials shall be got approved by the Engineer-in-Charge before they are actually procured and used at site.

5. The grading of sand to be used for mortars and concrete shall be determined at the site of work by the Engineer-in-Charge and sand conforming to these gradings only shall be used on the work.
6. Necessary washing, screening, etc., of metal and sand shall be done at site as per requirements of the Engineer-in-Charge.
7. Bricks shall have crushing strength of class designation.
8. The work of water supply and internal sanitary installations and drainage shall be carried out as per bye-laws of the local Panchayat body.
9. All manufactured materials used on the work shall have ISI mark. In case of materials for which no manufacturer has been licensed to manufacture the materials with ISI marking, the materials shall conform to the provisions of C.P.W.D./MOST/MORTH/IRC/CPHEEO specifications or the ISI code (in the absence of C.P.W.D. specifications or other specification mentioned above for any particular material). In the case of all materials, tests shall be conducted to ensure that they conform to the specifications of codes mentioned above.
10. All materials, which are to be tested before use on the work should be procured at least 2 months before use on the work so that enough time is available for testing them before they are actually used.
11. The cost of samples and all other incidental charges such as packing, transportation to the laboratory etc., shall be borne by the contractor. The testing fee shall be paid if the material passes the test by the Engineer-in-Charge.

12. The architectural drawings Nos. based on which the work is to be executed are available with the Engineer-in-Charge and can be inspected by the prospective tenderers up to the date of receipt of tenders at his office during working hours.

Use and testing of all the manufactured materials used in the work shall be regulated as per specifications 2002.

13. Before receiving final payment for the work, contractor shall give an undertaking to the effect that at his own cost he will rectify the defects in walls, roof like leakage, cracks etc. Which may come to light during the first monsoon after the completion of work and for this purpose part of the security deposit which may be deemed reasonable by the Engineer-in-Charge shall be retained till the first monsoon is over as security against the contractor's failure to act upon the undertaking. This undertaking and consequent retention of part of the security deposit shall not invalidate the contract.

The timber to be used on the work shall be of first class wood of species mentioned in the particular item. The timber shall be kiln seasoned as per B.I.S. 1141 – 1973 and shall be treated with non-leachable type preservative by vacuum pressure method as per B.I.S. 401 – 1982.

FACTORY MADE PANELLED SHUTTERS FOR DOORS

14. The shutters shall be fabricated generally as per I.S. 1003 (Part I) – 1997 and as per Architect's drawings. The timber to be used shall be of first class wood of species mentioned in the particular item which shall be kiln seasoned and preservative treated. The panels shall be as specified in the item number. Samples of shutters shall be got tested as per I. S. 1003 (Part I) – 1997. The rate quoted for the item shall include the element of cost of shutter to be sent for testing and no claim on this account shall be entertained at a later date.

15. Pressed clay tiles to be used on the work shall conform to I. S. 2690 (Part I) – 1975. However, the water absorption of the tiles when tested by the method described in the Appendix 'A' of the said I. S. 2690 (Part I) 1975 shall not exceed 18% (Eighteen percent.).

16. Shahabad stone slabs, marble slabs etc. on treads and risers of steps and shelves shall be in single pieces.

P.V.C. PIPES INTERNAL WORK AND EXTERNAL WORK

17. The specification in respect of laying and jointing rigid P.V.C. threaded pipes both internal and external shall be as per para 19.7.1 to 19.7.7 and 19.9.1 to 19.9.2 of C.P.W.D. specifications 1996 & Vol-II and 2002. The rigid P.V.C. threaded pipes shall conform to relevant ASTM standard and shall be ORIPLAST or equivalent.

18. Wherever RCC walls, fins and facials are monolithic the portion of RCC are to be measured as per the sketch attached in Page No.

The top surface of the RCC roof slab shall be screeded to be uniform when the concrete is green, so as to have a proper bond with the roof treatment. Nothing extra shall be paid on this account.

19. For aluminium doors, fixed glazing, fixed windows, sliding windows, louvered type ventilators and partitions etc. all aluminium sections shall be to the required size, thickness and weight as shown in the relevant Architect's Drawings.

20. The weight of stays given in C.P.W.D. specifications 2002 shall be for cast brass stays only.

The weight of the mild steel and anodized aluminium stays shall be as follows: -

Casement stays (Straight peg type)	Mild steel with tolerance of plus or minus %	Anodized aluminium with tolerances of plus or minus %
(a) 300 mm long	0.13 Kg/each	0.06 Kg/each
(b) 250 mm long	0.10 Kg/each	0.05 Kg/each
(c) 200 mm long	- The casement window fasteners	0.04 Kg/each 0.155 kg/each

**FORM OF PERFORMANCE SECURITY
BANK GUARANTEE BOND**

In consideration of the Nedungadu Commune Panchayat Council (hereinafter called "Council") having offered to accept under the terms and conditions of the proposed agreement made between the Commissioner, Nedungadu Commune Panchayat and (hereinafter called "the said contractor") for the work (hereinafter called "the said agreement") having agreed to production of a irrevocable Bank Guarantee for Rs.....(RupeesOnly) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement. We **..... (** Indicate the name of the bank)(hereinafter referred to as "the Bank") hereby undertake to pay to the Commune Panchayat an amount not exceeding Rs. (Rupeesonly) on demand by the Council.

2. We **(** indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this Guarantee without any demure, merely on a demand from the Council stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding ₹..... (Rupees only)

3. We, the said bank further undertake to pay to the Council any money so demanded not with standing any dispute or disputes raised by the contractor(s)in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal.The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the contractor(s) shall have no claim against us for making such payment.

4. We **(** indicate the name of the Bank) further agree that the guarantee here in contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Council under or by virtue of the said agreement have been fully paid and its claims satisfied

or discharged or till Engineer-in-charge on behalf of the Council certified that the terms and condition of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges this guarantee.

5. We **.....(** indicate the name of the Bank) further agree with the Council that the Council shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the council against the said contractors and to for-bear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any for-bearance, act of omission on the part of the Council or any indulgence by the Council to the Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the changes in constitution of the Bank or the contractor(s).

7. We ** lastly undertake not to revoke this (** Indicate the name of the Bank). Guarantee except with the previous consent of the Council in writing.

8. This guarantee shall be valid up to unless extended on demand by Council. Not withstand anything mentioned above, our liability against this guarantee is restricted to Rs.(Rupees. only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of the guarantee all our liabilities under this guarantee shall stand discharged.

Dated this day offor.....
..... (indicate the name of bank).

AFFIDAVIT

(to be taken by the contractor on a non-judicial stamp paper before a First class Magistrate)
I/We have submitted Bank Guarantee for the work (Name of work)
.....in
letter No dated from
(name of Bank) to the Commissioner, Nedungadu Commune Panchayat
..... towards performance guarantee. This Bank Guarantee expires on
..... I/We undertake to keep the validity of the Bank Guarantee in tact by
getting it extended from time to time at my/our own initiative up to a period of
..... months after the recorded date of completion of the work or as
directed by the Commissioner, Nedungadu Commune Panchayat. I/We also indemnify the
Commune Panchayat against any losses arising out of encashment of the Bank guarantee, if
any.

NOTE: This affidavit is to be given by the executants before a First Class Magistrate.

MODIFIED GENERAL CONDITIONS OF CONTRACT CLAUSES

CLAUSE-1. PERFORMANCE GUARANTEE

i. The contractor shall submit an irrevocable PERFORMANCE GUARANTEE of 5% (Five percent) of the tendered amount in addition to other deposits mentioned elsewhere in the contract for his proper performance of the contract agreement, (not withstanding and / or without prejudice to any other provisions in the contract) within period specified in Schedule "F" from the date of issue of letter of acceptance. This period can be further extended by the Engineer-in-Charge upto a maximum period as scheduled in Schedule "F" on return request of the contractor stating the reasons for delays in procuring the Bank Guarantee, to the satisfaction of the Engineer-in-Charge. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or deposit at call receipt of any Scheduled Bank / Banker's Cheque of any scheduled bank (Demand Draft of any Scheduled Bank / Pay Order of any Scheduled bank in case guarantee amount is less than Rs. 1.00 lakh) or Government Securities of Fixed Deposit Receipt or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the form annexed hereto. In case a fixed deposit receipt of any Bank is furnished by the contractor to the Government is part of the Performance Guarantee and the Bank is unable to make the payment against the said fixed deposit receipt, the loss caused thereby shall fall on the contractor and the contractor shall forthwith on demand furnish additional security to the Government to make good the deficit.

ii) A letter of intent shall be issued in the first instance informing the successful tenderer of the decision of the competent authority to accept his tender and the award of letter shall be issued only after the Performance Guarantee in any of the prescribed form is received. In case of failure of the contractor to furnish the Performance Guarantee within the specified period, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money absolutely.

iii) The Performance Guarantee shall be initially valid upto the stipulated date of completion plus 60 days beyond that. In case the time for completion of work gets enlarged, the contractor shall get the validity of Performance Guarantee extended to cover such enlarged time for completion of work. After recording of the completion certificate for the work by the competent Authority, the Performance Guarantee shall be returned to the contractor without any interest.

iv) The Engineer-in-Charge shall not make a claim under the Performance Guarantee except for the amounts to which the President of India is entitled under the contract (not withstanding and / or without prejudice to any other provisions in the contract agreement) in the event of :-

- a) *Failure by the contractor to extent the validity of the Performance Guarantee as described herein above, in which even the Engineer-in-Charge may claim the full amount of the Performance Guarantee.*
- b) *Failure by the contractor to pay the Panchayat Council any amount due, either as agreed by the contractor or determined under any of the clauses / conditions of the agreement, within 30 days of the service of notice to this effect by the Engineer-in-Charge*

v) In the event of the contract being determined or rescinded under provisions of any of the clause / condition of the agreement, the Performance Guarantee shall stand forfeited in full and shall be absolutely at the disposal of the Panchayats Council.

CLAUSE – 1 A RECOVERY OF SECURITY DEPOSIT

The persons whose tender may be accepted (hereinafter called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 10% of the gross amount of each running bill till the sum along with the sum already deposited as earnest money, will amount to security deposit of 5% of the tendered value of the work. Such deductions will be made and held by the Government by way of Security Deposit unless he / they has / have deposited the amount of Security at the rate mentioned above in cash or in the form of Government securities or fixed deposit receipts. In case a fixed deposit receipts of any Bank is furnished by the Contractor to the Government of part of the security deposit and the bank is unable to make payment against the said fixed deposit receipt, the loss caused thereby shall fall on the and the contractor shall forth with on demand furnish additional security to the Government to make good the deficit.

All compensations or the other sums of money payable by the contractor under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security depositor from the interest arising there from or form any sums which may be due to or may become due to the contractor by Government on any account whatsoever and in the event of his Security Deposit being reduced by reach of any such deductions of sale as aforesaid, the contractor shall within 10 days make good in case or fixed deposit tendered by the State Bank of India or by Scheduled Banks or Government securities (if deposited for more than 12 months) endorsed in favour of the Engineer-in-Charge, any sum of sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit shall be collected from the running bills of the contractor at the rates mentioned above and the Earnest Money if deposited in case the time of tenders will be treated a part of the Security Deposit.

NOTE – 1 Government papers tendered, as security will be taken at 5% (five percent) below its market price or at its face value, whichever is less. The market price of Government paper would be ascertained by the Divisional Officer at the time of collection of interest and the amount of interest to the extent of deficiency in value of the Government paper will be withheld if necessary.

NOTE – 2 Government securities will include all forms of securities mentioned in Rule No. 274 of the G.F. Rules except fidelity bond. This will be subject to the observance of the condition mentioned under the rule against each form of security.

NOTE – 3 Note 1 and 2 above shall be applicable for both clause 1 & 1 A.

CLAUSE –2 COMPENSATION FOR DELAY

If the contractor fails to maintain the required progress in terms of clause 5 or to complete the work and clear the site on or before the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as agreed compensation the amount calculated at the rates stipulated below as Superintending Engineer (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every completed day / month (as applicable) that the progress remains below that specified in Clause 5 or that the work remains incomplete.

This will also apply to items of group of items for which a separate period of completion has been specified.

Compensation : @ 1.5% per month.

For delay of work : of delay to be computed on per day basis.

Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the tendered value of the work or to the tendered value of the item or group of items of work for which a separate period of completion is originally given.

The amount of compensation may be adjusted or set-off against any sum payable to the contractor under this or any other contract with the Government. In case, the contractor does not achieve a particular milestone mentioned in Schedule-F, or the re-scheduled milestone(s) in terms of Clause-5.4, the amount shown against that milestone shall be withheld, to be adjusted against the final grant of extension of time, to be decided on completion of work. Withholding of this amount on failure to achieve a milestone shall be automatic without a notice to the contractor. However, if the contractor catches up with the progress, work on the subsequent milestone(s) the withheld amount shall be released. In case the contractor fails to make up for the delay in consequent milestone(s) amount mentioned against each milestone missed subsequently also shall be withheld. However, no interest, whatsoever, shall be payable on such withheld amount.

CLAUSE 2-A INCENTIVE FOR EARLY COMPLETION

~~In case, the contractor completes the work ahead of scheduled completion time, a bonus of 1% (One percent) of the tendered value per month computed on per day basis, shall be payable to the contractor, subject to a maximum limit of 5% (five percent) of the tendered value. The amount of bonus, if payable, shall be paid along with final bill after completion of work.~~

CLAUSE – 3 WHEN CONTRACT TO BE DETERMINED

vii) If the work is not started by the contractor within 1/8th of the stipulated time.

When the contractor has made himself liable for action under any of the case aforesaid, the Engineer-in-Charge on behalf of the President of India shall have powers:

- a) To determine of rescind the contract as aforesaid (of which termination of rescission notice in writing to the contractor under the hand of Engineer-in-Charge shall be conclusive evidence). Upon such determination or rescission, the Earnest Money Deposit already recovered and Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the Government.
- b) Deleted.
- c) After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof as shall be un-executed out of his hands and to give it to another contractor to complete the work. The contractor, whose contract is determined of rescinded as above, shall not be allowed to participate in the tendering progress for the balance work.

In the event of above course(s) being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchases or procured any materials or entered into any engagements or made any advances on account of with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Engineer-in-Charge has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

CLAUSE – 3 A

In case, the work cannot be started due to reasons not within the control of the contractor within 1/8th of the stipulated time for completion of work, either party may close the contract. In such eventuality, the Earnest Money Deposit and the Performance Guarantee of the contractor shall be refunded, but no payment on account of interest, loss of profit or damages etc. shall be payable at all.

CLAUSE – 5 TIME AND EXTENSION FOR DELAY

The time allowed for execution of the works as specified in the schedule “F” or the extended time in accordance with these conditions shall be the essence of the contract. The execution of the work shall commence from the 15th day or such time period as mentioned in letter of award after the date on which the Engineer-in-Charge issues written orders to commence the work from the date of handing over of the site whichever is later. If the contractor commits default in commencing the execution of the work as aforesaid, Government shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the Earnest Money and Performance Guarantee absolutely.

5.1 As soon as possible after the contract is concluded the contractor shall submit a time and progress chart for each milestone and get it approved by the Department. The chart shall be prepared in direct relation to the time stated in the contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the contractor within the limitations of time imposed in the contract documents, and further to ensure good progress during the execution of the work; the contractor shall in all cases which the time allowed for any work, exceeds one month (save for special jobs for which a separate programme have been agreed upon) complete the work as per milestones given in Schedule "F".

5.3 Request for rescheduling of milestones and extension of time, to be eligible for consideration, shall be made by the contractor in writing within fourteen days of the happening of the event causing delay on the prescribed form. The contractor may also, if practicable, indicate in such a request the period for which extension is desired.

5.4 In any such case the authority mentioned in Schedule "F" may give a fair and reasonable extension of time and reschedule the milestones for completion of work. Such extension shall be communicated to the contractor by the Engineer-in-Charge in writing, within 3 months of the date of receipt of such request. Non-application by the contractor for extension of time shall not be a bar for giving a fair and reasonable extension by the Engineer-in-Charge and this shall be binding on the contractor.

CLAUSE-7 GROSS WORK TO INTERIM PAYMENT:

CLAUSE – 10 B ii) MOBILISATION ADVANCE

Mobilisation advance not exceeding 10% of tendered value may be given, if requested by the contractor in writing within one month of the order to commence the work. In such a case the contractor shall execute a Bank Guarantee Bond from the scheduled Nationalised Bank as specified by the Engineer-in-Charge for the full amount of such advance is released. Such advance shall be in two or more installments to be determined by the Engineer-in-Charge at his absolute discretion. The first installments of such advance shall be released by the Engineer-in-Charge to the contractor on a request made by the contractor to the Engineer-in-Charge in this behalf. The second and subsequent installments shall be released by the Engineer-in-Charge only after the contractor furnishes a proof of the satisfactory utilisation of the earlier installment to the entire satisfaction of the Engineer-in-Charge.

Mobilisation advance shall be admissible only for works where estimated cost put to tender is Rupees Two Crores and above.

CLAUSE – 10 B iii) Para – 1

An advance for plant and machine required the work and brought to site by the contractor may given if requested by contractor in writing within month of bringing such plant machinery to site. Such advance shall be given on such plant machinery, which in the opinion of the Engineer-in-Charge will add to the expeditious of work and improve the quality of work. The amount of advance shall be restricted to 5% of tendered value in the case of new plant equipment to be purchase for work the advance shall be restricted to 90% of the price such new plant and equipment paid by the contractor for which the contractor shall produce evidence satisfactory to Engineer-in-Charge. In the case second hand and used plants and equipment, the amount of advance shall be limited at 50% the depreciated value of plant and equipment as

may be decided by the Engineer-in-Charge. Contractor shall, if so required the Engineer-in-Charge, submit the statement of value of such plant and equipment duly approved by a Registered value recognized by the Central Board Direct Taxes under the Board Direct Taxed under the Income Tax Act, 1961. No such advance shall be paid on any plant and equipment of perishable nature as and on any plant and equipment a value less than Rs. 50,000/- seventy five percent of amount of advance shall be paid after the plant and equipment brought to site and balance twenty five percent on successfully commissioning the same.

Leasing of equipments shall be considered at par with purchase of equipment and shall be covered by tripartite agreement with the following :

1. Leasing company, which gives certificate of agreeing to lease equipment to the contractor.
2. Engineer-in-Charge and
3. The contractor.

**CLAUSE – 10 C PAYMENT ON ACCOUNT OF INCREASE IN PRICES / WAGES
DUE TO STATUTORY ORDER(S)**

If after submission of the tender the price of any material incorporated in the works (not being a material supplied from the Engineer-in-Charge's Store in accordance with Clause 10 thereof) and / or wages of Labour increases as a direct result of the coming into force of any fresh law, or statutory rule or order (but not due to any changes in Sales Tax) and such increase in the price and / or wages prevailing at the time of the last stipulated date of receipt of the tenders including extensions if any for the work and the contractor thereupon necessarily and properly pays in respect of that material (incorporated in works) such increased price and / or in respect of labour engaged on the execution of the work such increased wages, then the amount of the contract shall accordingly be varied and provided further that any such increase shall not be payable if such increase has become operative after the stipulated date of completion of the work in question.

If after submission of the tender, the price of any material incorporated in the works (not being a material supplied from the Engineer-in-Charge's Stores in accordance with Clause-10 thereof) and / or wages of labour is decreased as a direct result of the coming into force of any fresh law of statutory rules or order (but not due to any changes in Sales Tax) and such decrease in the prices and / or wages prevailing at the time of receipt of the tender for the work. Government shall in respect of materials incorporated in the work (not being materials supplied from the Engineer-in-Charge's Stores in accordance with Clause – 10 thereof) and / or labour engaged on the execution of the work after the date of coming into force of such law statutory rule or order be entitled to deduct from the dues of the contractor such amount as shall be equivalent to the difference between the prices of the materials and / or wages as prevailed at the time of the last stipulated date of receipt of tenders including extensions if any for the work and the prices of materials and / or wages of labour on the coming into force of such law, statutory rule of order.

The contractor shall for the purpose of this condition, keep such books of account and other documents as are necessary to show the amount of any increase claimed or reduction available and shall allow inspection of the same by a duly authorized representative of the Government, and further shall, at the request of the Engineer-in-Charge may require any documents so kept and such other information as the Engineer-in-Charge may require.

The contractor shall, within a reasonable time of his becoming aware of any alteration in the price of any such materials and / or wages of labour, give notice thereof to the Engineer-in-Charge stating that the same is given pursuant to this condition together with all information relating thereto which he may be in position to supply.

ANNEXURE TO OM/DGW/CON/199 Dt. 02.09.04

**CLAUSE 10CA PAYMENT DUE TO INCREASE / DECREASE IN PRICES OF CEMENT
AND STEEL REINFORCEMENT BARS AFTER RECEIPT OF TENDER**

If after submission of the tender, the price of Cement and /or Steel reinforcement Bars/Bitumen incorporation the works (not being a material supplied from the Engineer-in-charge's stores in accordance with clause 10 thereof) increase and such increase in the price prevailing at the time of the last stipulated date for receipt of tenders including extension. If any for the work, then the amount of the contract shall accordingly be varied and provided further that any such increase shall not be payable if such increase has become operative after the stipulated date of completion of work in question.

If after submission of the tender, the price of Cement and /or Steel reinforcement Bars/Bitumen incorporation the works (not being a material supplied from the Engineer-in-charge's stores in accordance with clause 10 thereof) is decreased, Commune Panchayat shall in respect of these materials incorporated in the works (not being materials supplied from the Engineer-in-charge's stores in accordance with clause 10 thereof) be entitled to deduct from the dues of the contractor such amount as shall be equivalent to the difference between the prices of cement and /or steel reinforcement bars/Bitumen as prevailed at the time of last stipulated date for receipt of tenders including extension if any for the work and prices of these materials on the coming into force of such base price of cement and /or steel reinforcement bars/Bitumen issued under authority of the Commissioner Nedungadu Commune Panchayat.

The increase/decrease in price shall be determined by the All India wholesale prices indices for cement and steel(bars and rods)/Bitumen as published by Economics advisor to government of India. Ministry of Commerce and Industry and base price for cement and or steel reinforcement bars/Bitumen as issued under authority of the Commissioner Nedungadu Commune Panchayat as valid on the last stipulated date for receipt of tenders including extension if any and for the period under consideration.

The amount of the contract shall accordingly be varied for cement and or steel reinforcement bars/Bitumen and will be worked out as per the formula given below:

(a) Adjustment for the component of "Cement"

$$V_c = \frac{P_c \times Q_c \times C_1 - C_0}{C_0}$$

Where

V_c: Variation in cement cost i.e., increase or decrease in the amount in rupees to be paid or recovered.

P_c: Base price of cement as issued under authority of the commissioner Nedungadu Commune Panchayat at the time of last stipulated date for receipt of tenders including extension, if any,

Q_c: Quantity of cement used in the works since; previous bill

CIO: All India Whole sale price index for cement as published by the Economics- Adviser to Government of India. Ministry of Industry and Commerce as valid on the last stipulated date of receipt of tenders including extensions,if any

C1: All India Whole sale price index for cement as published by the Economics- Adviser to Government of India. Ministry of Industry and Commerce

(b) Adjustment for the component of "Steel "

$$Vs = Ps \times Qs \times Si - Sio / Sio$$

Where

Vs: Variation in cost of Steel reinforcement bars i.e., increase or decrease in the amount in rupees to be paid or recovered.

Ps: Base price of Steel reinforcement bars as issued under authority of the commissioner Nedungadu Commune Panchayat at the time of last stipulated date for receipt of tenders including extension, if any,

Qs: Quantity of Steel reinforcement bars paid either by way of secure advance or used in the works since; previous bill (whichever is earlier)

Sio: All India Whole sale price index for Steel reinforcement bars for the period under consideration as published by the Economics- Adviser to Government of India. Ministry of Industry and Commerce as valid on the last stipulated date of receipt of tenders including extensions, if any

Si: All India Whole sale price index for Steel reinforcement bars for the period under consideration as published by the Economics - Adviser to Government of India. Ministry of Industry and Commerce

(c) Adjustment for the component of "Bitumen "

$$Vb = Pb \times Qb \times Bi - Bio / Bio$$

Where

Vb: Variation in cost of Bitumen i.e., increase or decrease in the amount in rupees to be paid or recovered.

Pb: Base price of Bitumen as issued under authority of the commissioner Nedungadu Commune Panchayat at the time of last stipulated date for receipt of tenders including extension, if any,

Qb: Quantity of Bitumen paid either by way of secure advance or used in the works since; previous bill (whichever is earlier)

Bio: All India Whole sale price index for Bitumen for grade 80/100 as published by the Economics- Adviser to Government of India. Ministry of Industry and Commerce as valid on the last stipulated date of receipt of tenders including extensions, if any

Bi: All India Whole sale price index for Bitumen for the period under consideration as published by the Economics - Adviser to Government of India. Ministry of Industry and Commerce

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If the prices of materials (not being materials supplied or service rendered at fixed prices by the Department in accordance with clause 10 and 34 there of) and or wages of labours required for execution of the work increase, the contractor shall be compensated for such increase as per provisions detailed below and the amount of the contract shall accordingly be varied, subject to the condition that compensation for escalation in prices shall be available only for the work done during the stipulated period of the contract. No escalation shall be paid for work executed in extended contract period even if extension of time is granted without any action under clause 2 and also no such compensation shall be payable for a work for which the stipulated period of completion is as specifird in schedule-F such compensation...

In the event..... Mutandis apply, provided that;

No such adjustments for the decrease in the price of materials and or wages of labour aforementioned would be made in case of contracts in which the stipulated period of completion of the work as specified in schedule-F.

Provided always that the provision of the clause 10C and 10CA shall not be applicable for contracts where provisions of this clause are applicable but in cases where provisions of this clause are not applicable, the provisions of clause 10C and 10CA will become applicable.

CLAUSE – 10 CC PAYMENT DUE TO INCREASE / DECREASE IN PRICES / WAGES AFTER RECEIPT OF TENDER FOR WORKS (TIME PERIOD MORE THAN 18 MONTHS)

If the prices of materials (not being materials supplied or services rendered at fixed prices by the Department in accordance with Clauses 10 & 34 thereof) and / or wages of labour required for execution of the work increase, the contractor shall be compensated for such increase as per provisions detailed below and the amount of the contract shall accordingly be varied, subject to the condition that such compensation for escalation in prices shall be available only for the work done during the stipulated period of the contract. No escalation shall be paid for work executed in extended contract period even if extension of time is granted without any action under Clause 2 and also no such compensation shall be payable for a work for which the stipulated period of completion is 18 months or less. Such compensation for escalation in the prices of the materials and labour, when due, shall be worked out based on the following provisions:

MI

All India whole price index for civil component / electrical component appropriable component be kept by NIT approving authority construction material as worked out on the basis of All India wholesale price Index for Individual commodities group items for the period under consideration as published by the Economic Advisor to Government of India, Ministry of Industry and Commerce and applying weightages to the individual commodities / group items.

MIO

All India whole price index for civil component / electrical component appropriable component be kept by NIT approving authority construction material as worked out on the basis of All India wholesale price Index for Individual commodities group items valid on the last stipulated date of receipt of tender including extension, if any as published by the Economic Adviser to Government of India, Ministry of Industry and Commerce and applying weightages to the individual commodities / group items.

Clause 10CC Para VIII (a) and (ix) modified.

Clause 12 page 31 Para 12.1.1 - Now remembered as 12.1

Clause 12 page 31, 32, 33 Para 12.12 deleted

Clause 12.2 page 32, 33 Deviation, Extra Items and pricing Amended / Now introduced.

In the case of extra item(s) the contractor may within 15 days of receipt of order of occurrence of the item(s) claim rates. Supported by proper analysis for the work and the Engineer-in-Charge shall within one month of the receipt of the claims supported by analysis after giving consideration to the analysis of rates submitted by the contractor determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined. Clause 12.2 page 32, 33 Deviation, Substituted Items, pricing – Amended / Now introduced.

In the case of substituted items the rate for the agreement item (to be substituted) and substituted items shall also be determined in the manner as mentioned in the aforesaid Para.

- a) If the market rate for the substituted item so determined is more than the market rate of the agreement item (to be substituted) the rate payable to the contractor for the substituted item shall be rate of the agreement item (to be substituted) so increased to the extent of the difference between market rates of substituted item and agreement item (to be substituted).
- b) If the market rate for the substituted item so determined is less than market rate of the agreement item to be substituted the “rate payable to the contractor for the substituted item shall” be the rate for the agreement item (to be substituted) so decreased to extent of the difference between the market rates of substituted item and the agreement item (to be substituted).

CLAUSE- 11 SPECIFICATION TO BE FOLLOWED FOR EXECUTION OF WORK

CLAUSE 12.2 PAGE 32, 33 DEVIATION, DEVIATED QUANTITIES PRICING AMENDED / NOW INTRODUCED

In the case of contract items, substituted items, contract cum substituted items which exceed the limits laid down by Schedule F, the contractor may within 15 days of receipt of order or occurrence of the excess claim revision of the rates supported by proper analysis for the work in excess of the above mentioned limits provided that if the rates so claimed are in excess of the rates specified in the schedule of quantities the Engineer-in-Charge shall within one month of receipt of the claims supported by analysis after giving consideration to the analysis of the rate substituted by the contractor determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

CLAUSE 12.3 PAGE 33 AMENDED / NOW INTRODUCED

The provisions of the proceeding paragraph shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Schedule “F”, and the Engineer-in-Charge shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within 15 days of receipt of the notice, revise the rates for the work in question within one month of the expire of the said period of 15 days having regard to the market rates.

For the purpose of operation of Schedule F the following works shall be treated as works relating to foundation.

i) For buildings, compound walls plinth or 1.2 metres (4-feet) above ground level which ever is lower excluding items of flooring and D.P.C. but including base concrete below the floors.

(ii) For abutments, piers, retaining walls of culverts and bridges, walls of water reservoirs the bed of floor level.

(iii) For retaining wall where floor level is not determinate 1.2 metres above the average ground level or bed level.

(iv) For roads all items of excavation and filling including treatment of sub base.

CLAUSE - 17 Enhanced maintenance period

If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may working or any building road, road curb, fence, enclosure, water pipe, cables, drains electric or telephone post or wires, trees, grass or grassland or cultivated ground contiguous to the premises on which the work or any part is being executed or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work with twelve months (5 months in case of any work other than road costing Rs 10,00,000 and below) after a certificate final or otherwise of its completion shall have been given by the Engineer - in - charge as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Engineer - in - charge the same to be made good by other workman and deduct the expense from any sums that may be due or at any time thereafter or of a sufficient portion thereof. The Security Deposit of the contractor shall not be refunded before the expiry of twelve months (six months in the case of any work other road work costing Rs. 10,00,000 and below) after the issue of the certificate final or other wise of completion of work or till the final bill has been prepared and passed whichever is latter.

Provided that in the case of road work if in the opinion of the Engineer - in - charge, half of the security deposit is sufficient to meet all liabilities of the contractor under this contract half of the security deposit will be refundable after six months and the remaining half after twelve months of the issue of the said certificate of completion or till the final bill has been prepared and passed whichever is later.

CLAUSE – 21 WORK NOT TO BE SUBLET ACTION IN CASE OF INSOLVENCY

The contract shall no be assign or sublet without the written approval of the Engineer-in-Charge. And if the contractor shall assign or sublet his contract, or attempt to do so, or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt to do so, if any bribe, gratuity, gift, loan, perquisite, reward or advantage pecuniary or otherwise, shall either directly or indirectly, be given premised or offered by the contractor, or any of his servants or agent to any public officer or person in the employ of Government in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer-in-Charge on behalf of the President of India shall have power to adopt the course specified in Clause –3 hereof in the interest of Government and in the event of course being adopted the consequence specified in the said Clause – 3 shall ensure.

**CLAUSE – 42 PAGE 95 SCHEDULE – “F” RECOVERY RATES FOR
QUANTITIES BEYOND PERMISSIBLE VARIATION
AMENDED / NOW INTRODUCED**

Rates in figure and words at which recovers shall be made from contractor, Rate in Schedule “B” plus 10% in case materials issued by the Department.

Excess beyond permissible
Variation

Less use beyond the permissible
variation

CLAUSE – NII PAGE 6 3rd Para

We agree to keep the tender open for ninety (90) days from the date of submission thereof and not make any make any modifications in its terms and conditions.

Page 6, Para 3 deleted.

Page 7, Para 2, line 3.

Of tender and Performance Guarantee shall be absolutely forfeited to the President of India and the same may at the Schedule “F” Page 93.

- i) Earnest Money : ₹. 1940/-
- ii) Performance Guarantee : 5% of tendered value.
- iii) Security Deposit : 5% of tendered value.