



**NATIONAL BANK FOR AGRICULTURE
AND RURAL DEVELOPMENT**

Ref. No. NB.PD/453 /Maint/DP/2007-08
Date 05 /06 /2007

M/s.

To whom NIT has been sent

Dear Sir

**Repairs and Resurfacing of Internal Roads and pavement at Building No.5, Damodar
Park: Corrigendum**

Please refer to our NIT no. NB.PD/289/Maint/DP/2007-08 of 14/05/2007.

You are advised to note the following:

1. The date of submission of tenders has been extended to 15/06/2007.
2. Page 14: Sr. No.8, Line 2: shall be corrected as: providing ----- in 60mm thick

Other terms and conditions will remain the same. This letter will also form a part of the contract document.

Yours faithfully

Sd/-
(VC Londhe)
Asst. Gen. Manager



Ref. No. NB.PD/ 289 /Maint/DP/2007-08

Date 14/05/2007

M/s.

To whom NIT has been sent

Dear Sir

Notice Inviting Tender - Repairs and Resurfacing of Internal Roads and pavement at Building No.5, Damodar Park

We invite you to tender for the captioned work. The Tender Document may be collected from the Premises Department or may be downloaded from the Nabard's web site www.nabard.org.

The tenderers are advised to visit the site, conduct survey of the existing conditions so as to familiarize themselves with the nature of works to be carried out and get all clarifications as necessary from NABARD before quoting their rates. Your sealed Tender with the prescribed Tender Document should be addressed to The Chief General Manager, Premises Department, National Bank for Agriculture and Rural Development, (2nd Floor, 'B' Wing), Bandra Kurla Complex, Bandra (East), Mumbai: 400 051 and super scribed "**Repairs and Resurfacing of Internal Roads and pavement at Building No.5, Damodar Park**". The envelope containing the tender completed in all respects duly signed by the tenderer and sealed as necessary, should be dropped inside the Tender Box available in Premises Department, 2nd floor ('A' Wing) before **14.30 hours on 29/05/2007** and late tenders shall not be accepted.

The tenders will be opened on the same date i.e. **29/05/2007 at 15:00 hours** in the presence of the tenderers or their authorized representatives who choose to be present. NABARD reserves the right to accept or reject any tender, either in whole or in part without assigning any reasons for doing so and does not bind to accept the lowest or any tender. NABARD also reserves the right to negotiate or partly accept any tender or all tenders received without assigning any reasons thereof. The tenderers are advised to quote reasonable rates based on the market prices of materials and prevailing labour charges etc. during the contract period.

The tenderer may have to furnish Rate Analysis for the scrutiny of rates by NABARD for negotiation, etc. if required.

Tenders that do not fulfill all or any of the NABARD's conditions or are incomplete in any respect and tenders with the tenderer's own conditions are liable to be rejected.

Any discrepancies, omissions, ambiguities, in the tender documents, if any, or any doubt as to their meaning should be reported in writing to the Chief General Manager, Premises Department, National Bank for Agriculture and Rural Development, who will review the questions and information sought in not clearly indicated or specified, NABARD will issue clarifications to all the tenderers which will become the part of the contract document. NABARD will not be responsible if the discrepancies, omissions, ambiguities in the tender documents or any doubts as to their meaning are not brought to the notice of NABARD before three working days prior to the date of pretender meeting.



A prebid meeting will be held on 11/05/2007 at 2-00 pm at the 2nd Floor A wing Premises Department, NABARD. Tenderers may attend the meeting.

NABARD also reserves the right to divide and distribute the work to more than one Contractor at its sole discretion.

The tenderers are advised to ensure strict observance of commercial aspects as indicated in the Tender Document.

The tenderer shall enclose a Demand Draft amounting to **Rs. 20000.00 (Rupees Twenty Thousand only)** drawn on any scheduled Bank payable at Mumbai in favor of National Bank for Agriculture and Rural Development towards Earnest Money Deposit (EMD), failing which tender shall be rejected and the EMD will not bear any interest. The successful tenderer will be issued with Acceptance of Tender/ Work Order from NABARD and should commence the work at short notice.

This Notice Inviting Tender (NIT) shall also form part of the tender document.

Yours faithfully

(G Barman)
Asst. Manager



LETTER OF SUBMISSION OF TENDER FROM THE CONTRACTOR

RB HARANAL
CHIEF GENERAL MANAGER
PREMISES DEPARTMENT
NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT
PLOT NO. C-24, 'G' BLOCK
BANDRA-KURLA COMPLEX
BANDRA (EAST)
MUMBAI - 400 051

DEAR SIR

Repairs and Resurfacing of Internal Roads and Pavement at Building No.5 , Damodar Park

1. I / We have examined the Scope of Works, Specifications and Schedule of Quantities and Terms and Conditions relating to the Tender for the said works after having obtained the Tender invited by you.
2. I / We have visited the site, examined the site of works specified in the Tender Document and acquired the requisite information relating thereto as affecting the Tender,
3. I / We hereby offer to execute and complete the works in strict accordance with the Tender Document at the item rates quoted by me / us in the attached Bill of Quantities in all respects as per the Specifications and Scope of Works described in the Tender Document and the Annexure containing Terms and Conditions.
4. I / We enclose herewith interest-free **Earnest Money Deposit (EMD) for Rs. 20000.00 (Rupees Twenty Thousand only)** by Demand Draft payable at Mumbai in favour of National Bank for Agriculture and Rural Development and the sum shall be forfeited in the event of our withdrawal of Tender before expiry of the validity period of offer and / or in the event of our failure to execute the Contract when called upon to do so by accepting our Tender.
5. The rates quoted by me / us are firm and shall not be subjected to variations on account of fluctuation in the market rates, taxes or any other reasons whatsoever.
6. Should this Tender be accepted, I / we hereby agree to abide by and fulfill all the Terms and Conditions and Provisions of the said Contract Document annexed hereto.

NAME OF THE PERSON AUTHORISED TO SIGN AND SUBMIT THE TENDER I) _____
II) _____



**NATIONAL BANK FOR AGRICULTURE
AND RURAL DEVELOPMENT**

Documentary proof in respect of Letter of Authority / Power of Attorney to be enclosed along with the Tender.

PLACE :

YOURS FAITHFULLY

DATE :

NAME AND ADDRESS OF THE TENDERER

(SIGNATURE OF THE TENDERER)

NAME AND SEAL



NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT

Repairs and Resurfacing of Internal Roads and Pavement at Building No.5 , Damodar Park

GENERAL INSTRUCTIONS TO THE CONTRACTORS AND GENERAL CONDITIONS

1. Contractors are advised to visit the site and thoroughly understand the nature and scope of the works and familiarize themselves with the site conditions before quoting.
2. The quantities indicated in the BOQ are only indicative and shall be executed only at the sole discretion of NABARD.
3. Quoted rates should be workable and reasonable and should include incidental and all overheads and profits. The contractor should furnish Rate Analysis for scrutiny of the rates by NABARD, if required.
4. Rates should include all Taxes, Duties, Octroi, Levies, and Wages as per Act etc. leviable at present and in future and should be firm for the entire Contract period. No escalation of rates will be allowed for the entire contract period on any account.
5. Materials used should conform to relevant BIS Codes. BIS and CPWD Specifications and Method of Measurements shall be followed as applicable. However, in the absence of the same and / or in case of any discrepancy, the decision of NABARD will be final.
6. The items not covered in the BOQ of the Contract Document shall be paid at the rates as per Rate Analysis based on the market prices supported by documentary proof with 15% towards Contractor's OHP plus Works Contract Tax as applicable. The Rate Analysis shall be submitted by the Contractor for scrutiny and approval of NABARD.
7. Income Tax, service tax, VAT and other taxes as applicable will be deducted from total payment due to the Contractors.
8. The Contractor should have valid License relating to his Contract and the workmen employed by the Contractor should also have the valid License and experience in their trade.
9. The Contractor should arrange to obtain necessary insurance cover (Workmen compensation policy and Contractors All Risk Policy) for the work at his cost and should be responsible for the safety of persons, employed by him. The Contractor shall be fully responsible and shall compensate NABARD with suitable Insurance cover in the event of any damage to men or material, injury / damage or death as the case may be, caused directly or indirectly due to the

negligence of the Contractor or his agents and / or his employees or workmen. The decision of NABARD in this regard shall be final and binding.

10. All parties are bound by the prevailing Indian Contract Act and prevailing Rules.

11. The Contractor shall comply with all the applicable Acts, Rules, Regulations and Law (s) for entering into Construction / Maintenance Contract and NABARD will not in any way be liable or responsible for any default / irregularities / penalties on the Contractor's part.

12. The Contractor should be responsible to fulfill all the obligations in connection with the workers employed by the Contractor for the purpose of the Contract and all the Statutory and other liabilities, if any, including minimum wages, leave salary, uniform, ex-gratia, gratuity, ESI, Provident Fund, Workman Compensation, if any, etc. in connection therewith shall be on the Contractor's account and payable by the Contractor.

13. The Contractor or his authorized representative should visit the site frequently and as required by NABARD's Engineer for any clarifications and to receive instructions, take measurements, etc. at the site.

14. Any act of indiscipline / misconduct / theft / pilferage on the part of any employee engaged by the Contractor resulting in any loss to NABARD in kind or cash will be viewed seriously and NABARD will have the right to claim damages or levy fine and / or terminate the Contract forthwith, if necessary.

15. In case of any default or failure on Contractor's part to comply with all / any one of the Terms / Conditions, NABARD reserves to itself the right to take necessary steps to remedy the situation including, inter-alia, the deduction of appropriate amount / s from dues otherwise payable to Contractor and / or by taking recourse to appropriate recovery proceedings.

16. If any dispute arises on any matter concerning this Contract, the decision of NABARD shall be final and binding.

17. The Contractor should not at any time do, cause or permit any nuisance on the site / do anything, which shall cause unnecessary disturbances or inconvenience to the occupants/visitors at site or near the site of work.

18. The work should be carried out with least inconvenience to the occupants. The workmen employed by the Contractor should abide by the Rules and Regulations maintained by NABARD in the premises, especially in respect of working hours, entry of the workers to the premises, interpersonal relation with the occupants etc.



19. The Contractor should obtain approvals, if any, necessary for the work from the statutory bodies on behalf of NABARD. The Contractor shall assist NABARD fully in respect of any liaison with the Municipal or any other authority for necessary approval / permission with regard to the construction / maintenance works. The fees and other statutory charges, if any, will be reimbursed to the Contractor based on the original receipts produced to NABARD.

20. The Contract can be terminated by NABARD on 15 days' notice if services are found to be unsatisfactory and if there is no improvement even after issue of three notices to the contractor.

21. On site storage space will be provided to the Contractor subject to availability. However, the contractors may erect temporary sheds for storage purpose at his cost with the permission of NABARD. NABARD will not be responsible for Contractor's materials. The Contractor may be required to vacate the storage space and sheds as per exigency without any extra cost to NABARD.

22. The Contractor shall provide everything necessary for the proper execution of the works. NABARD will not supply any T & P materials or any other equipment, materials, labour, etc. and no payment in this respect will be made by NABARD. The Contractor shall supply, fix and maintain all the scaffoldings, jhulla, T&P etc. at his cost during the execution of any work and remove them as soon as the work is completed.

23. The Contractor shall not directly or indirectly transfer, assign or sublet the Contract or any part of it, without written permission of NABARD.

24. The Tenderer shall enclose a **Demand Draft for Rs. 20000.00 (Rupees Twenty Thousand only)** drawn in favour of National Bank for Agriculture and Rural Development payable at Mumbai towards Earnest Money Deposit (EMD). In case of successful Tenderer, the EMD will be retained with NABARD and, which will be refunded on completion of contract. In case of unsuccessful Tenderers, the EMD will be refunded only on Award of Contract. The EMD / SD will not bear any interest. If the Tenderer withdraws his Tender before expiry of the validity period of the Tender or if the Contractor fails to execute / complete the works satisfactorily, NABARD reserves the right to forfeit the EMD / SD. Any Tender not accompanied by the EMD will be rejected.

25. RETENTION MONEY DEPOSIT (RMD)/ SECURITY DEPOSIT (SD) : 5% of the gross value of the work done and claimed in each Running Bill and Final Bill will be retained as RMD. This amount shall not bear any interest. The EMD already with NABARD shall be taken into account and adjusted towards Security Deposit while settling the Final Bill. The SD will not bear any interest



and will be refunded after Defects Liability Period of 12 months from the date of Virtual Completion of works, provided the Contractor has satisfactorily carried out all the rectification works and attended to all defects to the satisfaction of NABARD.

26. DEFECTS LIABILITY PERIOD: Twelve (12) months from the date of Virtual Completion of works as certified by NABARD.

27. Any defect, which may appear within the defect liability period of 12 months after the completion of work, should be rectified by the contractors at his cost and only after the Security deposit will be refunded to the contractors.

28. LIQUIDATED DAMAGES : If the tenderers fails to complete the works by the date mentioned under clause no. 30 or within the extended time, then the contractors shall pay or allow the employer the sum worked out as 0.25% of the accepted Tender Value per week of delay or part of the week subject to maximum of 5% of the value of work to be recovered as liquidity damages

29. PAYMENT OF CONTRACTOR'S BILL : RA bills will be paid against the work and the value of each RA bill shouldn't be less than Rs.3.00 lakh. No advance shall be paid.

30. TIME OF COMPLETION : 90 days from the 10th day of issue of work order.

31. Additional Terms and Conditions as per enclosure.

I / we accept all the above Terms and Conditions in all respects without any reservation.

PLACE :

DATE :

(SIGNATURE OF THE TENDERER)

NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT

Repairs and Resurfacing of Internal Roads and pavement at Building No.5, Damodar Park:

TERMS AND CONDITIONS

1. The Quotation / Tender is strictly on Item Rate basis.
2. All the pages of the Tender Document shall be signed by the Tenderer.
3. NABARD takes no responsibility for delay / loss in post or non-receipt of Quotations / Tender Documents.
4. Bids submitted by unauthorized agents and FAX / Telex / Telegraphic/ Postal/courier/ e-mail bids shall not be entertained / considered.
5. Rates should include for removal of debris out of premises to the safe BMC limit, removing stains, cleaning the site thoroughly to the satisfaction of the NABARD's Engineer.
6. Quantities mentioned in the schedule of quantities may vary to any extent or may be deleted without assigning any reasons and as such, the rates quoted should be firm, workable, reasonable and should include all kinds of Taxes, Duties, Work Contract Tax, VAT, Octroi, service tax etc. as applicable during the currency of the contract, overheads and profit etc. No separate charges for carriage or labour would be made. The rate should include the discount (if any) also. There is no question of extra payment above the quoted rate under any circumstance.
7. The Contractor shall make necessary arrangement for watch and ward of his materials, tools, machines, scaffolding etc. stored for the execution of the work at his own risk and cost and NABARD will not be responsible on any account.
8. If last date of receipt of Tender / Quotation and opening date is a closed holiday for NABARD, then submission and opening of Tenders / Quotations shall be shifted to next working day without change of time and venue.
9. The Tenderers should quote their rates strictly adhering to Terms and Conditions stipulated in the Tender Document. Unsolicited correspondence after opening of the Tender shall not be entertained. Conditional / Deviational Tenders may be rejected without making any reference to the Tenderers.



10. No Tenderer will be allowed to withdraw his Tender during the validity period. Subletting of the Contract is not permitted.
11. Rates should be filled in the Tender neatly and as far as possible, no correction shall be made. The rates quoted should be written legibly in words and figures. If on check, differences are observed between the rates given by the Contractor in words and figures or in the amount worked out by him, the following procedure shall be followed.
 - a. When there is a difference between the rates in figures and in words the rates that corresponds to the amounts worked out by the Contractor shall be taken as correct.
 - b. When the amount of an item is not worked out by the Contractor or it does not correspond with the rate written either in figures or in words, then the rate quoted by the Contractor in words shall be taken as correct.
 - c. When the rates quoted by the Contractor in figures and in words tallies, but the amount is not worked out correctly, the rate quoted by the Contractor shall be taken as correct and not the amount.
12. (a) No compensation shall be admissible for any loss suffered by the Contractor during the execution of the work. It shall be the Contractor's sole responsibility to protect NABARD's staff and his employees against accidents from any cause and he shall indemnify NABARD against any claims for damage for injury to person or property, resulting from any such accidents with necessary Insurance cover.

(b) Any damages caused to the building / premises during the execution of the work shall be made good by the Contractor at his risk and cost and if necessary, through suitable Insurance cover
13. The Contractor shall use necessary safety equipment and maintain all safety measures during the execution of works and ensure compliance of safety rules and regulations .
14. The Contractor shall engage necessary qualified and experienced supervisory staff at his cost during the execution of the work for attending to day-to-day affairs.
15. The Contractor shall submit the bills along with the accepted and jointly recorded measurement sheets duly certified by the NABARD's Engineer.



16. The Contractor should have necessary Contract License and comply with the Labour Laws as applicable.
17. Notwithstanding any thing stated above, NABARD reserves its right to assess the Tenderer's capability and capacity to perform the contract, should the circumstances warrant such assessment in the overall interest of NABARD.
18. The decision of NABARD in awarding the work shall be final and cannot be subjected to arbitration.

Technical Specifications

1. **Materials and Workmanship:** All materials and workmanship shall be of the respective kinds specified in the bill of quantities and/ or specifications and in accordance with the Employer's instruction. The contractors shall at his own cost arrange for and /or carry out any quality assurance test from approved agency, of any materials which the Employer may require.
2. **Setting Out :** The contractor shall at his expenses, set out the works accurately in accordance with the plans and to the complete satisfaction of the employer.
3. **Contractor's Superintendence:** The contractor shall give all necessary personal superintendence during execution of the works and as long thereafter as the employer may consider it necessary until the expiry of the Defect Liability Period. The contractors shall maintain and be represented in site at all times while work is in progress by responsible, efficient, qualified and well experienced site supervisor.
4. **Removal of All Debris:** All debris shall be disposed off as per the rules and regulations of the Local Authority concerned .
5. **Virtual completion of the Work:** The contractor shall inform in writing to the Bank as and when the works are completed in all respect. The defect liability period shall commence from the date of issue of such letter by the contractor and agreed upon by the employer.
6. **Execution of Work :** Any minor details of work that are obviously and fairly intended, or which may not have been definitely referred to his contract but which are usual in sound engineering practice and essential to the work are to be included in the contract. Following shall be deemed to be provided for in the quoted rates :
 - a. labour maintenance, fixing, carrying, cleaning, making good, hauling, wastage etc.
 - b. storing space, frame work, nails, spikes and tools, materials and work manlike protection from weather, plant for and maintenance of the same
 - c. covering the work with plastic sheets whenever directed as necessary
 - d. all temporary canvas, lights, tarpaulin, barricades, water sheets etc. and protected the till completion
 - e. watch and ward and security of materials and work, removal of debris
7. **Work on Holiday :** Work can be done on Sundays and holidays at the discretion of the bank.



8. Completion Drawing : The contractors shall submit completion drawing of the work and the written acceptance of the works by the different statutory authorities if any before asking for virtual completion certificate. No extra payment will be made for these.
9. Before commencing the work , the contractors should take necessary site levels using Survey Instruments and shall prepare the site plan to the scale showing the contour levels, buildings, roads, drains, manholes etc. As built plan to the scale with all details of work carried out shall be prepared after completion of the work. No payment shall be made for this work.
10. All the vehicles and other valuables inside the premises should be protected suitably at the cost of the contractor with pay board, tarpaulin, plastic sheet etc. as per necessity at site during the execution of the work.

MATERIAL SPECIFICATIONS

Unless otherwise specified followings are the Material Specifications in addition to the specifications given in other parts of the tender documents.

1. **WATER :**

Water shall be free from any harmful materials, chemicals etc. and shall be clear.

2. **CEMENT :**

Cement shall be of 'Ultra Tech'/ Gujarat Ambuja make or equivalent approved makes in paper bags.

Cement shall be of 43 grade / Pozzoluna / Slag cement

3. **SAND :**

Sand shall be clean river sand, free from Salt, Silt, Earth, Dust, and any other impurities. If sand is containing dust, earth etc., it shall be washed. If it contains big pebbles, granules etc. it shall be screened.

4. **COARSE AGGREGATE :**

Coarse aggregate shall be machine crushed obtained from gravel, black trap, granite or of other approved stone from approved quarry and crusher. It should be angular and graded laminated stone, flat or flaky aggregate without skin or stains.

The combined coarse aggregate shall in all respect be so graded as to allow 90% to 100% by weight to pass a 20 mm IS sieve, 25% to 55% by weight to pass a 10 mm IS sieve and 0% to 10% by weight to pass a 5 mm IS sieve Fine aggregate shall be the fraction passing 2.8 mm IS sieve and retained on 90 micron IS sieve.

The coarse aggregate having absorption of water after 24 hours immersion, exceeds 5% by weight shall be rejected.



5. **STONE :**

Stone shall be of spotless black trap or approved local stone from approved source and quarry.

6. **BRICKS :**

Bricks shall be of approved quality having uniform size, generally confirmed to IS 1017-1957. It shall have crushing strength not less than 35 kg/sq.cm. and absorption not more than 25% by weight. It shall produce ring sound when struck. Bricks shall be thoroughly soaked in water before use.

7. **CEMENT MORTAR :**

Cement mortar shall be prepared with clean and screened sand and Portland cement to the required proportion in a tray as described in the item. The mortar shall be mixed properly until good consistency is achieved. The mortar which is mixed for more than period of initial setting time and which shows signs of setting shall not be used.

8. **Concrete**

All concrete of specified proportion mix shall be machine mixed having specified speed of revolution. Hand mixing of concrete will not be permitted.

Concrete shall be transported from mixer to the position as quickly as possible by trolley.

The concrete shall not be poured from height but shall be gently placed in position to avoid segregation of constituent. Re-handling of concrete is not permitted. The concrete shall be deposited from mixer on to a tray.

After placing the concrete, it shall be tamped, hand spread with mason and mechanically vibrated with use of required diameter needles.

9. **INTERLOCK TILES:**

60 mm thick interlock tiles as specified shall be of 'Vitco' 'Bharat', 'Super' or of equivalent approved make.

10. **HDPE PIPES:**

HDPE pipes of 'Prince supreme make' or of equivalent make.

11. **SERVICE DUCT PIPES:**

Pipes of service ducts shall be 'NP2 Hume pipes'.

Interlocking Paving: P/f Interlocking paving shall be comprised of the following items as per specifications, as directed and as under:

- a. excavating in soil to get for proper finish level and slope
- b. doing 1:2:4 PCC to get required elevation to finish level



- c. doing 50 mm thick leveling course of sand and grit
- d. laying interlock tiles including compacting, leveling etc.
- e. casting the concrete curbing to the edges between paving & road and paving & structures
- f. filling the gaps with concrete between interlock tiles and curbing
- g. spreading fine sand above interlock tiles for filling the joints
- h. compacting the entire paving with power compactor
- i. removing surplus sand and cleaning the entire paving

NOTE :

Test certificate of all the materials from approved laboratories shall be obtained by the contractor and submit to NABARD. Unless and until the said certificate is accepted by NABARD, contractor should not use any material.

DECLARATION BY THE CONTRACTOR

We / I have read and understood all the instructions / conditions made above and we / I have taken into account the above Instructions / Terms and Conditions while quoting the rates. We / I accept all the above Terms and Conditions without any reservation, in all respects.

PLACE :

DATE :

(SIGNATURE OF THE TENDERER)



NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT: PREMISES DEPARTMENT

REPAIR TO PAVEMENT AT BUILDING NO 5, DAMODAR PARK: BILL OF QUANTITIES

No.	Particulars	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1.0	Excavating Excavating the existing pavements, roads, soil stratum, plinth protection with brick bats, p.c.c. with lean concrete and pre-cast concrete blocks up to the required depth for the various items as described below including removing pipes, vegetation, stacking the usable excavated materials in the colony compound as directed, watering and ramming the surface of excavated portion, spreading and refilling the required quantity of the debris in layers as per the instructions and removing the entire balance excavated materials out of lathe colony compound and dumping the same in municipal dump yard as directed :	20	cum		
	Rate in Words				
2.0	Dismantling the existing brick work : Dismantling the existing brick work of wall and column, :RCC work carefully without damaging the adjoining work, removing, sorting and stacking the removed material in side the compound. Debris (excluding reusable material) are to be removed from the colony	1.5	cum.		
	Rate in Words □				
3.0	P.C.C. 1:2:4 Providing and laying 1:2:4 cement concrete (1:cement, 2:fine sand, 4 : graded stone aggregate of 20 mm nominal size) of required thickness including form work (if required), consolidation with mechanical vibrator, finishing, curing underneath leveling course of interlock tile paving etc. as directed as under.	20	cum		
	Rate in Words				



4.0	Cement Plaster Providing and doing 20 mm thick sand faced cement plaster in cement mortar 1:4 to masonry and concrete surface externally or internally, in smooth finish. The rate shall be inclusive of racking the joints, hacking, curing etc. complete as directed.	200	sq.m		
	Rate in Words				
5.0	Raising/ Lowering Man holes Removing the existing Man hole / chamber covers etc. along with frames by chipping the concrete / brick work and / or dismantling carefully to facilitate raising / lowering the Manhole / chambers of existing size and refixing the cement concrete work finish smooth with 1:4 cement mortar as required etc. complete as directed. Chambers are to be lowered or raised to such level so that top of the cover shall remain flush to the adjoining finishing level of ÷	20	no.		
	Rate in Words □				
6.0	Raising/ Lowering Gully trap Same as above for gully trap chambers.	10	no.		
	Rate in Words				
7.0	Leveling course for paving Providing and laying water bound leveling course for interlock tile paving in sand and grit to an average thickness of 50 mm, watering, ramming, consolidating etc. complete as directed.	1 100	sq.mt.		
	Rate in Words				



8.0	Interlock tile paving Providing and laying pavement in 50 mm thick Interlock coloured lacker finish (combination of shades), heavy duty, anti skid tiles of approved Make, pattern and shade with proper slope whenever required including constructing the curbing and 'paving & structure' of 100 mm (thick) x 100 mm (width) at road edge and 100 mm (thick) x 50 mm (width) at building edge and filling the gaps between pavement and curbing, in 1:2:4 cement concrete in smooth finish in 1:4 cement mortar etc. complete as directed	1 100	sq.m.		
	Rate in Words				
9.0	Service duct Providing and doing Service duct in 150 mm NP2 hume pipes including excavating in roads and any soil stratum same as specified in item no. 1 above, ramming the earth and laying and jointing the pipes including refilling the trench with excavated earth, ramming and consolidating the same as ò	100	rm..		
	Rate in Words				
				Total	

TOTAL IN WORDS: RUPEES

DATE

PLACE
CONTRACTORS

SEAL AND SIGN OF THE