

Name of Work : Laying of W.B.M Road inside ETC Store Yard.

Contract No. : CNT/WSS/MWB/2002/2009-10

CHECK LIST FOR THE GUIDANCE OF THE CONTRACTOR

I		The Tender schedule for the above work consists of 14 pages as detailed below:	
	(i)	Checklist for the guidance of the Contractors	Page – 1 to 3
	(ii)	Notice Inviting Tender	Page - 4
	(iii)	Letter of Tender 2 pages	Page - 5 & 6
	(iv)	Price Schedule	Page - 7 & 8
	(v)	Work schedule	Page – 9 & 10
	(vi)	Milestone	Page – 11
	(vii)	Drawings	Page – 12 to 14
II	1	The total number of items in the work schedule – 18 Nos. and the departmental value works out to Rs.17,48,010.95	
	2.	Tenderers are requested to sign all pages in the tender schedule and must sign letter of tender. Tenders which do not have the Signature of the Tenderer in letter of tender will be rejected.	
	3.	Technical specification of the equipment offered by the Bidders if any, and any other information related to the bid may be enclosed along with Tender Schedule after duly Signing in all the pages.	
	4.	Bidders are requested to verify the number of pages in the work schedule and number of items in the work schedule. Any clarification and further information required may be obtained from the Office of the Contracts and Monitoring wing on any working day.	
	5.	<p>The present tender document contains detailed estimate and price schedule. The tenderers are requested to quote the percentage variation over the departmental value in words and figures in any one of the forms in price schedule. If there is any discrepancy between words and figures, the lower among words and figures will be taken into account.</p> <p>All entries should be made legibly in ink. Writing the percentage variation first in pencil and later over writing in ink should be avoided and also over writing the corrections may be avoided.</p> <p>Corrections if any should be made by neatly scoring out the unwanted matter and rewriting legibly. Every such correction should be attested by the full signature of the tenderer.</p>	

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6.	<p><u>Eligibility :</u> Contractors registered in Metro water in Class-III A (i.e. those who are eligible to take up the work costing up to Rs.30.00 lakh) and above are eligible to tender for this work. Contractors registered in other departments and undertakings of the Central or State Government in the corresponding class for taking up such work, who have executed similar works of the same or higher magnitude are also eligible to tender for this work. Contractors not Registered in the Board and who intend to participate in the tender, subject to their eligibility as above are requested to obtain a copy of the Standard tender document from the Office of the Contracts wing before submitting their Tender. They should furnish Proof for their registration in the appropriate class and experience as indicated above while submitting their tenders, otherwise their tenders will be treated as non responsive. The tender received from ineligible contractors will be treated as non responsive. However the successful tenderer will have to get himself registered in the Board in the appropriate class.</p>
7.	<p>EMD shall be in the form of Demand Draft or Banker's Cheque or Pay Order drawn from Nationalised / Scheduled Bank / TNSC Bank in favour of CMWSS Board.</p>
8.	<p><u>SECURITY DEPOSIT</u> Security deposit will be collected from the successful Tenderer in the following form and manner within 14 days from the date of receipt of work order: Form in which S.D. collected. a) In the shape of NSC/NSS/KVP/Post office Time Deposits valid for the required contract period and pledged in favour of Managing Director, CMWSS Board and shall have the necessary transfer endorsement of the Post Office. (OR) Fixed Deposit for the required period from nationalized/schedule Bank/TNSC Bank in favour of Managing Director, CMWSS Board. (OR) Certified cheque/Bank Draft in favour of Managing Director, CMWSS Board payable at Chennai.</p>
b)	<p>The value of S.D will be as follows:</p>
i)	<p>for tenders with any plus percentage and upto (-)5% over departmental value – 2% of the contract value.</p>
ii)	<p>for tenders between (-)5% to (-)15% over departmental value --- 4% of the contract value.</p>
iii)	<p>for tenders, above (-)15% over departmental value --- 5% of the contract value.</p>
9.	<p>Milestone details for completion of works and details of penalty for the non completion of work are furnished in the Milestone at Page No.11. Tenderers are requested to take note of the details. The above details will be incorporated in the contract documents while executing agreement.</p>
10	<p>All duties, taxes such as VAT, Sales Tax and Service Tax etc. and other levies payable by the contractor under the contract or for any other cause shall be included in the rates, prices and total quoted rates submitted by the bidder. Any statutory variations in duties/taxes, which takes effect from a date subsequent to the due date for receipt of tender, shall be to CMWSS Board's Account.</p>

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11.	<u>Tender Validity</u> Tenders shall remain valid for a period of not less than ninety days (90 days) after the deadline date for bid submission. A tender valid for a shorter period shall be rejected by the Employer as non-responsive.
12.	No cheque will be accepted towards Earnest Money Deposit.
13.	Tenders with conditions are liable for rejection.
14.	All entries should be made legibly in ink. Writing the percentage in figures and words first in pencil and later over writing in ink should be avoided and also over writing the corrections should also be avoided.
15.	Correction if any should be made by neatly score out the unwanted matter and rewriting legibly. Every such correction should be attested by the full signature of the tenderer.
16.	The defects liability period in respect of original civil works and pipe laying works is 5 years

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CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD
NO.1, PUMPING STATION ROAD, CHINTADRI PET, CHENNAI-600 002.

NOTICE INVITING TENDER

Sealed Bids are invited from the eligible bidders for the following work.

Sl. No	Name of Work and Contract No.	Due Date	Approximate value of Tender Rs/ Lakh	E.M.D. in Rs.	Tender schedule available From - To	Eligibility	Contract Period
1.	Laying of W.B.M Road inside ETC store yard. CNT/WSS/MWB/2002/2009-10.	09.06.2010 up to 3.00 PM	17.48	17,500/-	24.05.2010 to 08.06.2010	Class IIIA & above	4 months
2.i	Availability of Tender Schedule in person	Information & Facilitation Officer, CMWSS Board, No. 1 Pumping Station Road, Chintadripet, Chennai-600002, (Telephone: 044-28451300, Extn. 227)					
2.ii	Through Website	www.chennaietrowater.tn.nic.in & www.tenders.tn.gov.in					
3	Cost of Tender Schedule	Free of cost					
4	Address for information and clarifications and for receipt of tenders	Office of Superintending Engineer, Contracts & Monitoring, 4 th Floor, CMWSS Board, Chennai – 600 002 Phone No. 044-2845 1300 Extn. 253 FAX : 044-2845 4336					

**SUPERINTENDING ENGINEER
(CONTRACTS & MONITORING)**

Signature of Tenderer

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LETTER OF TENDER

To be delivered to the Superintending Engineer, C&M Chennai Metropolitan Water Supply and Sewerage Board at or before 3.00 P.M. on **09.06.2010**.

To
The Managing Director
Chennai Metropolitan Water Supply & Sewerage Board
Chennai- 600 002

Sir,

I/We the undersigned do hereby tender and undertake to perform, provide and execute all the works, materials matters and things described or mentioned in the Schedule (Bill of quantities) hereto annexed and the specifications thereto and drawings therein referred to (which have been produced to and carefully examined by me/us) in strict accordance with and under and subject to the terms, provisions and conditions set forth or mentioned in the said Schedule (Bills of Quantities) specifications and the drawings therein referred to, at the rates given and as stated in the Bills of quantities.

I/We herewith enclose D.D/B.C./P.O No..... datedfor having remitted Rs..... into the Board's Cash Section as a guarantee for the due fulfillment of my/our tender, and if successful, undertake and agree to forward to the Board within fourteen days after the notification of the acceptance by the Board of this tender has been received by me/us, the sum as demanded in the Form and manner required as security for the due fulfillment of my/our contract.

I/we undertake and agree that I/We will not withdraw this tender during the period that will be required for intimation, acceptance or non/acceptance as stipulated in clause 15 on the Notice Inviting Tender or during such extended period as agreed to by me/us, such period to date from the last date by which tenders are due to be submitted to the Board and if I/We do so withdraw, I/We shall forfeit the Earnest Money Deposit to the Board.

I/We further undertake to produce the Income-tax Clearance Certificate and the certificate and the Sales Tax Verification Certificate from the Commercial Tax Department of this State and agree to execute at my/our cost the agreement attached and to sign the plans therein referred to within 14 days after the notification of the acceptance of my/our tender has been received by me/us. In the event of my/our failing to make the Security Deposit or to execute the agreement in the said manner and sign the plans within the time specified for the purpose, the sum of **Rs.17,500/-** accompanying this tender shall be forfeited to the Board and this concluded contract shall in such case be considered, as having been cancelled or terminated and you may thereupon at such time or times, in such manner and on such terms as you may think fit, arrange either departmentally or by any other person or persons to carry out the works and provide, execute and do all works, materials, matters and things described or mentioned herein and I/We agree to be liable irrespective of the forfeiture aforesaid for all damages, losses, costs, charges and expenses arising from or by reason of such failure and arrangements.

I/We undertake to assume full responsibility for the stability and soundness of the Works/structures that will be executed by me/us as per this contract.

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I/We also undertake to do all extra or varied works which may be ordered as part of this contract upon the terms provided for in the conditions and specifications. The tenders shall be valid for a period of 90 days from the last date fixed for receipt of tenders. In case my/our tender for the work of "**Laying of W.B.M Road inside ETC Store Yard**" is accepted, I/We agree and guarantee to commence the said works within a period of seven days from the date and complete the entire work within the stipulated period of **4 Months** from the date on which the work order received by me/us. I/We also agree that time is the essence of contract. I/We have actually inspected the site of works and have tendered for the works after such inspection.

UNDERTAKING

I/We have gone through the copy of standard tender document received from the Office of the Contracts and Monitoring wing and abide by the same for this contract also.

As witness my/our hand this.....day of.....2010.

Signature.....

Name and address:

Signature of Tenderer

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PRICE SCHEDULE

1. This tender has been called for in the percentage tender system. In the work schedule, detailed items of works involved in the work with specifications along with the quantity, the departmental rates and amount for individual items are furnished. The total value of the work is also furnished.

2. The tenderers are requested to quote the percentage variation over the total departmental value, which will be applicable for all items of works, individually and uniformly at which they are willing to execute the works, in the following format. In case any discrepancy / correction are found between figures and words furnished for the percentage, then the LOWER percentage among them ALONE will be taken as correct.

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Contract No. : CNT/WSS/MWB/2002/2009-10

FILL UP ANYONE OF THE FORM NO:A, B or C
STRIKE OUT THE FORM WHICH IS NOT APPLICABLE.

FORM NO:A

I / We agree to execute the work of “**Laying of W.B.M Road inside ETC Store Yard**” with a tender percentage of (-) Minus-----
------(in words) -----(in figures) over departmental value of Rs.17,48,010.95 as furnished in the work schedule which is also applicable for all items of works, individually and uniformly over the departmental rates, furnished in the work schedule.

FORM NO:B

I / We agree to execute the work of “**Laying of W.B.M Road inside ETC Store Yard**” at the department value of Rs.17,48,010.95 for all items of work furnished in the schedule.

FORM NO:C

I / We agree to execute the work of “**Laying of W.B.M Road inside ETC Store Yard**” with a tender percentage of (+) Plus -----
------(in words) ----- (in figures) over departmental value of Rs.17,48,010.95 as furnished in the work schedule which is also applicable for all items of works, individually and uniformly over the departmental rates, furnished in the work schedule.

NOTE:

1. The tenderers are requested to strike out the forms which are not applicable
2. If any two or three forms are filled by the tenderers the LOWEST percentage quoted by the tenderer will be considered.
3. If there is any discrepancy in percentage quoted in words and in figures the lowest percentage quoted will be considered.
4. If the tenderer failed to fill/strike out any or all of the form, the department value will be taken as quoted rate.

Signature of Tenderer

WORK SCHEDULE

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Sl. No.	Description of work	No.or Qty.	Rate Rs. P.	Per	Amount Rs. P.
1	Earth work excavation and depositing on bank with initial lead of 10m and initial lift of 2m in hard stiff clay stiff black cotton hard earth, shales, murams, gravel, stoney earth and earth mixed with small size boulder's and hard gravelly soil (SS 20A).	645.00 cum	61.20	cum	39474.00
2	Supplying and filling sand for foundations and basement including watering, consolidating, ramming etc. complete.	215.00 cum	348.00	cum	74820.00
3	Soling with B.G. Boulder's of 150mm cube with 0.38 cu.m. of 40mm to 63mm IRC size B.G. metal 0.30 cu.m. of gravel for blindage (filling up voids) and blinding, spreading, watering and consolidation by power road roller etc. complete with two layer.	4300.00 sq.m	98.22	sq.m.	422346.00
4	Soling with gravel (which passes through 25mm sieve size) 200mm thick rolled down to a thickness of 150mm using 2.00 cum gravel for an area of 10 sq.m. including spreading gravel watering and consolidation by power roller etc. complete.				
i)	For Road Portion	2150.00 sq.m.	46.50	sq.m.	99975.00
ii)	For Pipes Stacked Portion	7205.00 sq.m.	46.50	sq.m.	335032.50
5	Forming Water Bound Mecadam to a thickness of 100mm using 1 cum of 40mm IRC size HBG metal with 0.33 cum of gravel (which will passes through 10mm sieve size) fine for blindage for an area of 10 sq.m. including spreading metal and gravel fine and packing to camber consolidation by power roller and including watering and keeping the surface moist for 15 days etc. complete.	2150.00 sq.m	92.70	sq.m.	199305.00
6	Providing and Laying sand gravel mix 1:1 to a consolidation thickness of 100mm using 0.57 cum of sand and 0.65 cum of gravel including mixing spreading watering and consolidation by power roller	430.00 sqm	49.00	sqm	21070.00
7	Disposal of surplus earth	645.00 cum	56.05	cum	36152.25
8	Shifting and stacking of various sizes of pipes by using 20 T capacity crane.	60.00 hrs.	400.00	hrs.	24000.00
	<u>OPEN DRAIN</u>				
9	Excavation in hard stiff clay, stiff black cotton, hard red earth, shales, murams, gravel stoney earth and earth mixed with small size boulders as per SS 20B with initial lead of 2.0m	265.00 cum	57.50	cum	15237.50

Signature of the Tenderer

Sl. No.	Description of work	No.or Qty.	Rate Rs. P.	Per	Amount Rs. P.
10	Supplying and filling sand for foundations and basement including watering consolidating ramming etc. complete	45.00 cum	348.00	cum	15660.00
11	Cement concrete 1:4:10 using 40mm gauge brick jelly for plain cement concrete works including laying in layers of not more than 15cm thick including ramming curing etc. complete	66.00 cum	1391.00	cum	91806.00
12	Stock brick work with II Class bricks in cement mortar 1:5 for 23cm thick wall including curing etc. complete.	89.00 cum	2703.00	cum	240567.00
13	Plastering with cement mortar 1:5 for 12mm thick including curing etc. complete	1110.00 sqm	59.00	sqm	65490.00
	RCC RAMP AT ETC STORE MAIN ENTRANCE				
14	Cement concrete 1:4:8 using 40mm gauge hard broken stone jelly for plain cement concrete works including laying in layers of not more than 15cm thick including ramming curing etc.complete for ramp	8.10 cum	1807.00	cum	14636.70
15	Cement concrete work 1:2:4 using 20mm gauge hard broken stone jelly for reinforced concrete works excluding centering, shuttering and cost of steel reinforcement but including laying in position compacting, curing finishing etc. complete for ramp	8.10 cum	2976.00	cum	24105.60
16	Supplying, fabricating and laying in position MS rounds or RTS Rods for RCC works including cost of reinforcement binding wire, cutting, bending, cranking and tying in position with binding wire assembly etc.				
	a) 12mm dia RTS b) 10mm dia MS	700.00 Kg	38.00	Kg	26600.00
17	Providing form work with centering for soffits of reinforced cement concrete slabs or plain surfaces including strutting upto 3m high.	4.05 sqm	428.00	sqm	1733.40
	TOTAL				1748010.95

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MILE STONE DETAILS

Description of Milestones (physical implementation of Construction contract)

S.No	Name of work	Total Quantity	Milestones			
			1	2	3	4
			1 st month	2 nd month	3 rd month	4 th month
1.	Laying of W.B.M Road inside ETC Store Yard with 40mm HBG metal of thickness 100mm including consolidation etc. complete	430m	40%	100%	100%	100%
2.	Construction of Open drain in Brick Work, CM 1:5 for 23cm thick wall.	320m	-	-	150	320
3.	RCC ramp in C.C 1:2:4	1 no	-	-	-	1 No

LIQUIDATED DAMAGES

For milestone 1 - Rs.250 per month

For milestone 2 - Rs. 370 per month

For milestone 3 - Rs. 100 per month

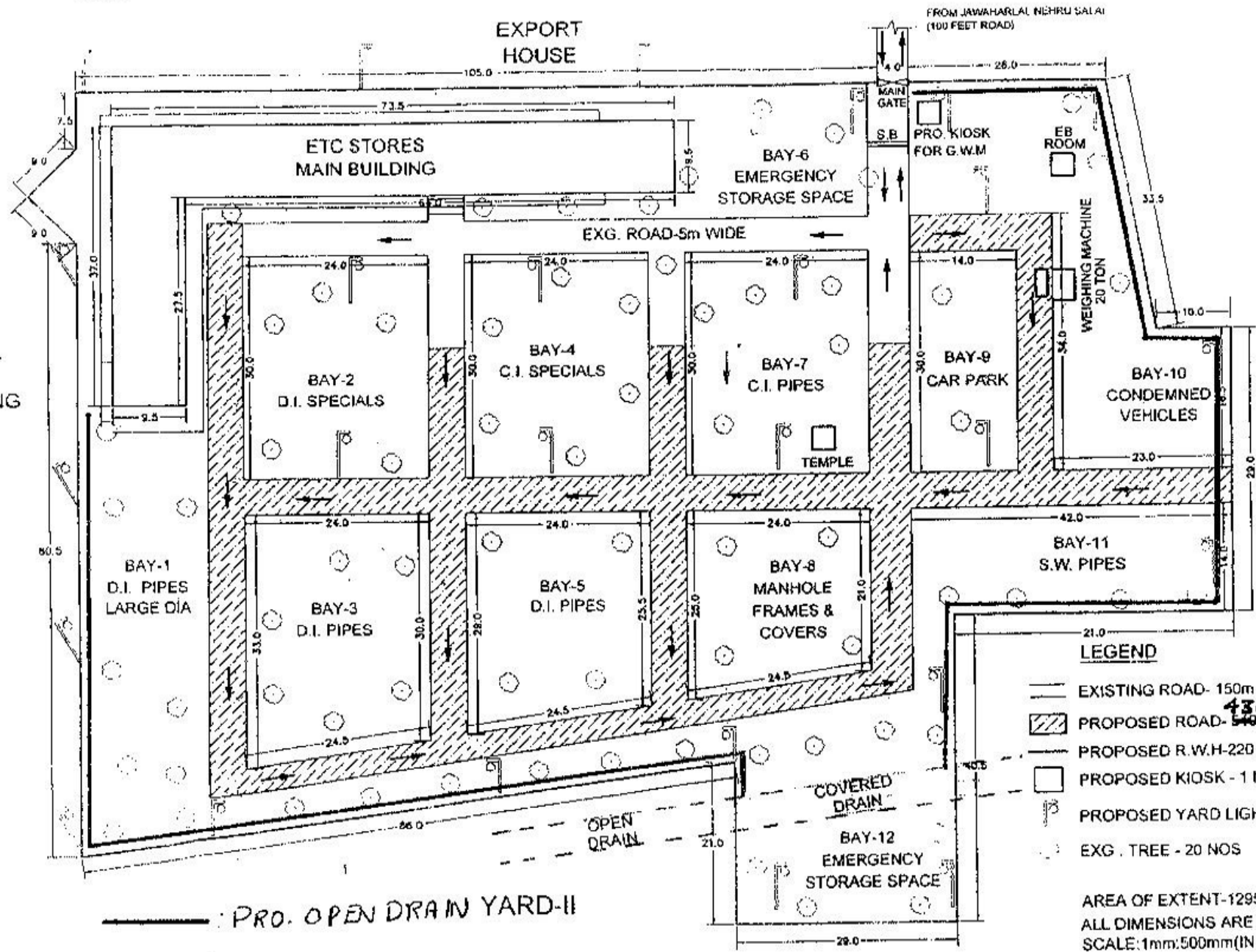
For milestone 4 - Rs.154 per month

Signature of Tenderer

PROPOSED IMPROVEMENTS TO THE EXISTING ROAD AT E.T.C STORES - YARD-I



CIPET BUILDING



12

LEGEND

- EXISTING ROAD- 150m LENGTH
- PROPOSED ROAD- ~~50m~~⁴³⁰ LENGTH
- PROPOSED R.W.H-220 m LENGTH
- PROPOSED KIOSK - 1 NO - 2m x 1.5m
- PROPOSED YARD LIGHT - 26 NOS
- EXG. TREE - 20 NOS

AREA OF EXTENT-12954sq.m
 ALL DIMENSIONS ARE IN METRE
 SCALE:1mm:500mm(IN A3)

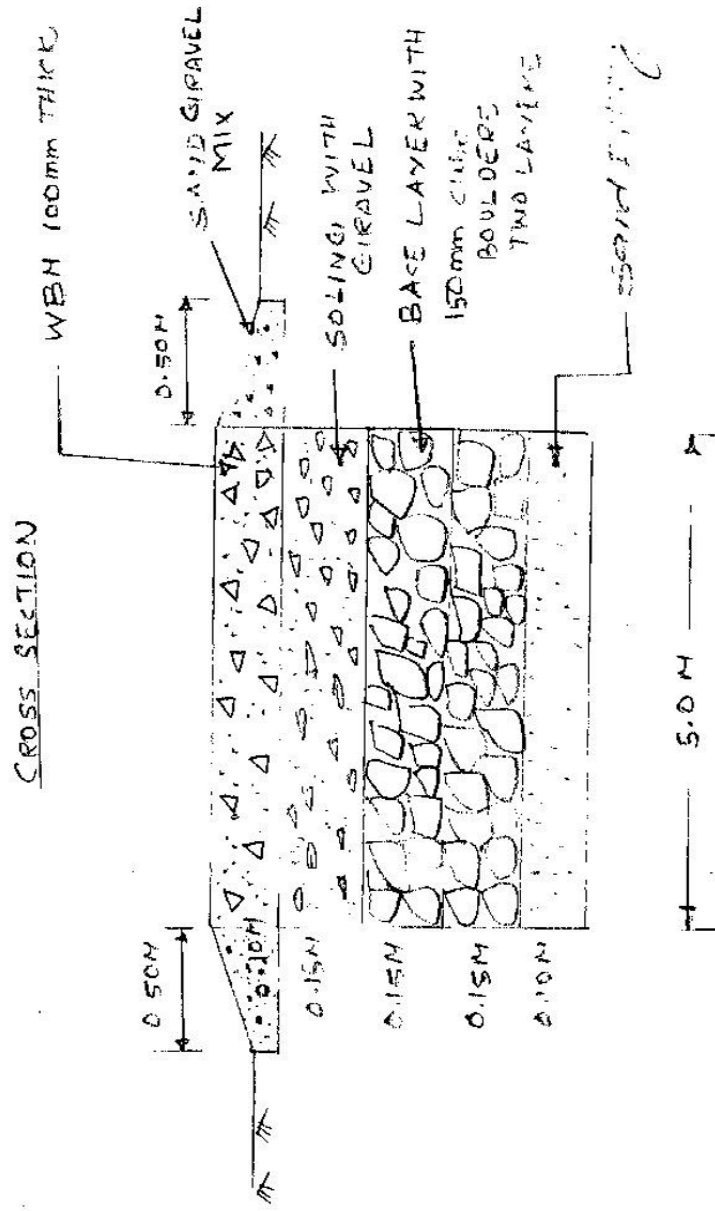
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PRO. OPEN DRAIN YARD-II

2003/09-10

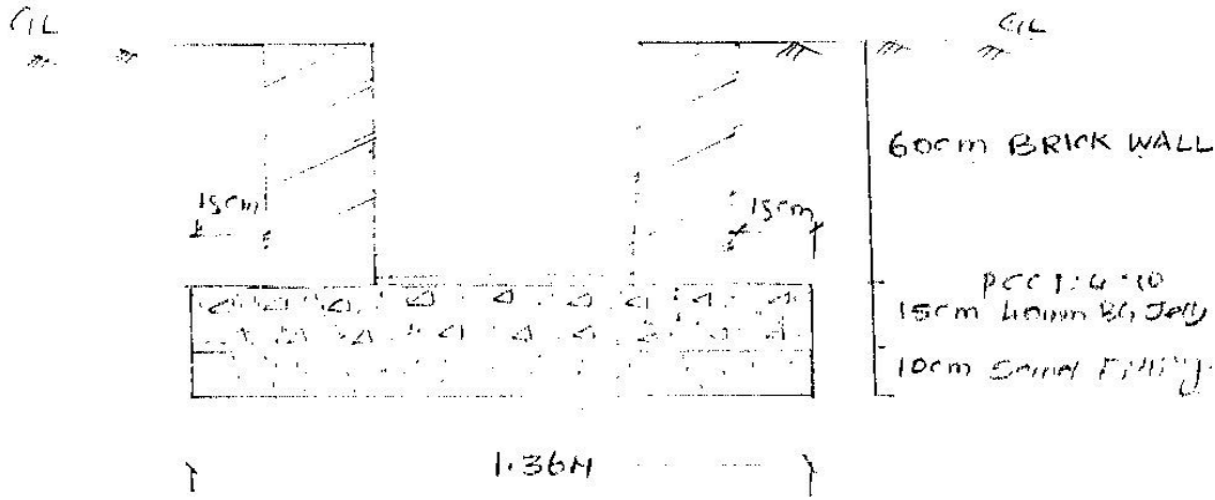
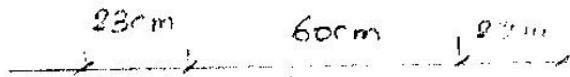
SKETCH SHOWING THE PROPOSED W.B.M ROAD

INSIDE ETC. STOREYARD



2002/09-10

PND. OPEN DRAIN ALONG CONTOUR WALL - CROSS SECTION



2002/09-10