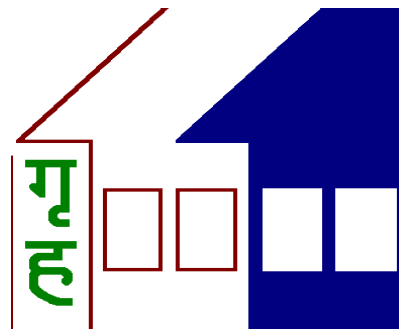


**LAYING OF 200 MM DIA DI
WATER SUPPLY LINE FROM
ARMY PUBLIC SCHOOL TO
KENDRIYA VIHAR PHASE-III,
HYDERSHKOTE, HYDERABAD**

**TENDER DOCUMENT
FOR LAYING OF 200 MM
DIA DI WATER SUPPLY
LINE**

(NIT, TECH. DATA & BOQ)



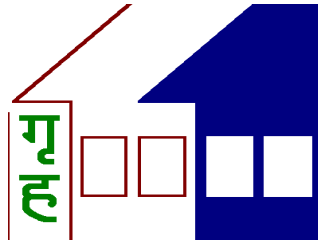
**CENTRAL GOVERNMENT EMPLOYEES WELFARE HOUSING ORGANISATION (CGEWHO)
6th Floor "A" Wing, Janpath Bhawan, Janpath, New Delhi – 110 001
Phone: 23717249, 23739722, 23355408 Fax: 23717250**

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CENTRAL GOVERNMENT EMPLOYEES WELFARE HOUSING ORGANISATION (CGEWHO)
6th Floor "A" Wing, Janpath Bhavan, Janpath, New Delhi – 110 001
Website : www.cgewho.in; e-mail : cgewho@nic.in

NOTICE INVITING TENDER (NIT)

NIT No: CGEWHO/Hyderabad Ph-III/T-207/28 dated 12.12.2014

SUB: LAYING OF 200 MM DIA DI WATER SUPPLY LINE FROM ARMY PUBLIC SCHOOL
 TO KENDRIYA VIHAR PHASE-III, HYDERSHKOTE, HYDERABAD

Central Government Employees Welfare Housing Organisation (CGEWHO) , invites sealed item rates tenders for laying of 200 mm dia DI water supply line from Army Public School to Kendriya Vihar Ph-III, Hydershakote, Hyderabad from the capable contractors as per following:

1.	NIT No.	CGEWHO/HYDERABAD PH-III/T-207/28 dated 12.12.2014		
2.	Name of Work	LAYING OF 200 MM DIA DI WATER SUPPLY LINE FROM ARMY PUBLIC SCHOOL TO KENDRIYA VIHAR PHASE-III, HYDERSHKOTE, HYDERABAD		
3.	Type of Tender	EMD in Rs (3% of Estimated Cost)	Estimated Cost in lacs- Rs	Completion period
	Item Rate	1,35,000/-	45 lacs	30 days
EMD & Tender cost shall be deposited by the intending tenderer in the form of Demand Drafts / Pay Orders in favour of "CEO, Central Government Employees Welfare Health Organisation" payable at New Delhi				
4.	Sale of Tender document	From 29.12.2014 to 29.01.2015 to 14:30 hours		
5.	Last date of submission of tender	29.01.2015 up to 15:00 hours		
6.	Date & time of opening of tender	29.01.2015 at 15:30 hours (The tenders will be opened in the presence of intending bidders)		
7.	Sale of tender document	The tender documents can be down loaded from the web site www.cgewho.in from 29.12.2014 onwards.		
8.	Place of submission & opening of tender	CGEWHO 6 th Floor A- Wing, Janpath Bhavan, Janpath, New Delhi-110001		
9.	The Agency must have EPF/ Sales Tax/ Service Tax Registration Number.			

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CGEWHO reserves the right to accept or reject any or all the tenders or annul this process at any time without assigning any reason whatsoever.

The site is located at Hydershakote Village, Near Golconda, Hyderabad

The clarification required, if any can be had from the office of the Dy. Director (Tech), CGEWHO, CGEWHO, 6th Floor Wing-A, Janpath Bhavan, Janpath, New Delhi by sending e-mail at cgewho@nic.in or from Sh T C Rayudu, Project Incharge, CGEWHO, Hyderabad, Mobile No.09291362237.

Tenderers are requested to down load the documents from the website cgewho.in for submission.

Dy. Director (Tech)

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Terms & Conditions :

1. Earnest money of Rs.1.35 lacs has to be deposited in the form of Demand Draft/ Pay Order, drawn in favour of CEO CGEWHO, payable at New Delhi along with the tender. Earnest money will be refunded to the unsuccessful tenderers on finalization of tender.
2. Security Deposits @5% of the gross amount of shall be deducted from final bill payment made to the contractor. The earnest money deposited at the time of submission of tender shall be set off against the Security Deposit due. The Security Deposit shall be refunded after successful completion of defect liability period.
3. The Time allowed for completion of the work is 60 days and the date of commencement shall be reckoned from the 10th day of issue of award letter.
4. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the condition in regard to accessibility of site, nature and extent of ground, working condition of site and locality including stacking of materials, installations of tools and plants (T&P) etc., conditions affecting accommodations and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such account shall be entertained by the Employer in any circumstances.
5. No material will be issued by the department. Contractor has to arrange & provide all the materials and T&P etc. at his own cost at site.
6. The work will have to be carried out as per the latest CPWD specification, CPWD works manuals, and to the entire satisfaction of Project Incharge.
7. Any damage done by the Contractor or his labour to the existing structure fittings/fixtures shall have to be made good by the contractor, at his own cost. In failure to do the same, the necessary cost for making the good shall be recovered from the final bill of the contractor.
8. Quantities mentioned in the schedule of work may decrease or increase as per the site conditions. No compensation shall be payable for any reduction / addition in scope of work.
9. Samples of all the materials required to execute the work shall be approved brand & manufacture and are of best quality as per the approved make list of HMWSSB. The same shall have to be got approved by the contractor from the Project Incharge before execution of the work.
10. Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.
11. Tender submitted shall remain valid for 90 days from the date of opening for the purpose of acceptance and award of work, validity beyond 90 days from the date of opening shall be by mutual consent.

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12. The tenderer shall quote rates both in figures and words. He shall also workout the amount for each item of work and write in both figures and words. On check if there are differences between the rates quoted by the tenderer in words and in figures or in the amount worked out by him, the following procedure shall be followed:
 - i) When there is a difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the tenderer shall be taken as correct.
 - ii) When the amount of an item is not worked out by the tenderer or it does not correspond with the rate written either in figures or in words, the rate quoted by the tenderer in words shall be taken as correct.
 - iii) When the rate quoted by the tenderer in figures and in words tallies but the amount is not worked out correctly the rate quoted by the tenderer shall be taken as correct and not the amount.
13. The tenderer should see drawings (if any) and in case of doubt obtain required particulars, which may in any way influence his tender from the Project Incharge as no claim whatsoever will be entertained for any alleged ignorance thereof.
14. Earnest money will be forfeited if the contractor fails to commence the work as per letter of award and he shall not be eligible for any claim.
15. Except writing rates and amount, the tenderer should not write any conditions or make any changes, additions, alterations and modifications in the printed form of tenders. Tenderers who are desirous to offer rebate the same should be brought out separately in the covering letter and submitted along with the tender.
16. The Defect Liability Period shall be of 6 months and shall be start from the actual date of satisfactory completion of the work. Defects pointed out during defect liability period shall be made good by the contractor at his own cost, failure to do the same, the necessary cost for making the good shall be recovered from the amount of security deposit.
17. The issues not covered in the NIT clauses shall be governed by the clauses laid in conditions of contract for works in CPWD specification, CPWD work manuals & CSIR guidelines (as amended time to time).
18. The Contractor should confirm any ambiguity and discrepancy related to the work and tender in writing before submitting the tender document.

CEO, CGEWHO

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CLAUSES OF CONTRACT (CC)

1.0 DEFINITIONS

The Contract means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of CGEWHO and the Contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-in-Charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.

- 1.1 **CGEWHO**, herein after called "Client "propose to get the works executed as mentioned in the Contract.
- 1.2 In the contract, the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:-
 - a) **APPROVAL** means approved in writing including subsequent written confirmation of previous verbal approval.
 - b) **BILL OF QUANTITIES or SCHEDULE OF QUANTITIES** means the priced and completed Bill of Quantities or Schedule of Quantities forming part of the tender.
 - c) **CONTRACTOR** shall mean the individual, firm, company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company.
 - d) **CONTRACT VALUE** means the sum for which the tender is accepted as per the letter of Award.
 - e) **DRAWINGS** mean the drawings referred to in the contract document including modifications if any and such other drawings as may from time to time be furnished and/or approved by CGEWHO.
 - f) **DATE OF COMMENCEMENT OF WORK:** The date of start of contract shall be reckoned from 10 days after the date of issue of letter of Award or handing over of Site whichever is earlier.
 - g) **PROJECT INCHARGE** means the Engineer Officer of client who shall supervise and be in-charge of the work.
 - h) **LANGUAGE:** All documents and correspondence in respect of this contract shall be in English Language.
 - i) **"LETTER OF AWARD"** shall mean CGEWHO's letter or notification conveying its acceptance of the tender subject to such conditions as may have been stated therein.
 - j) **MONTH** means English Calendar month „Day“ means a Calendar day of 24 Hr.

- l) **SITE** means the lands and other places on, under, in or through which the works are to be executed or carried out and any other lands or places provided by CGEWHO/client/owner or used for the purpose of the contract.

2.0 SECURITY DEPOSIT/ RETENTION MONEY

- 2.1 **CGEWHO** reserves the right of part or full forfeiture of EMD/ security deposit in addition to other claims in the event of contractor's failure to fulfill any of the contractual obligations or in the event of termination of contract as per terms and conditions of contract,. The amount of EMD of the successful tenderer shall be adjusted towards security deposit, which shall be released within six months only after the successful completion of work or / and Defect Liability Period, whichever is later. The EMD of the unsuccessful tenderers shall be refunded after award of work. Tenders submitted without the requisite EMD shall be summarily rejected.

3.0 CARRYING OUT PART WORK AT RISK & COST OF CONTRACTOR

If contractor:

- (i) At any time makes default during currency of work or does not execute any part of the work with due diligence and continues to do so even after a notice in writing of 7 days in this respect from the Project Incharge; or
- (ii) Commits default in complying with any of the terms and conditions of the contract and does not remedy it or takes effective steps to remedy it within 7 days even after a notice in writing is given in that behalf by the Project Incharge; or
- (iii) Fails to complete the work(s) or items of work with individual dates of completion, on or before the date(s) so determined, and does not complete them within the period specified in the notice given in writing in that behalf by the Project Incharge The Project Incharge without invoking action under clause of contract may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to CGEWHO, by a notice in writing to take the part work/part incomplete work of any item(s) out of his hands and shall have powers to:
- (iv) The Project Incharge shall determine the amount, if any, is recoverable from the contractor for completion of the part work/ part incomplete work of any item(s) taken out of his hands and execute at the risk and cost of the contractor, the liability of contractor on account of loss or damage suffered by CGEWHO because of action under this clause shall not exceed 10% of the tendered value of the work.

4.0 TAXES AND DUTIES

- 4.1 Except as otherwise specifically provided in the contract, the contractor shall be liable and responsible for the payment, of all taxes, such as excise duty, custom duty, sales tax, Value Added Tax including the purchase tax, consignment tax, work contract tax, service tax, entry tax or any other similar tax in the state concerned, turnover tax, toll tax, octroi charges, royalty, labour cess, levy and other tax(es) or duty(ies) which may be specified by local/state/ central government from time to time on all material articles which may be used for this work. The rates quoted by him in the tender in bill of quantities shall be inclusive of all taxes, duties, levies etc.

- 4.2 The rate quoted by the contractor shall be deemed to be inclusive of all taxes as given in clause of Tax deductions at source shall be made as per laws prevalent in the State as applicable for the work. The rate shall also include all liaison with Govt. Departments connected with this works and should culminate in water connection to the CGEWHO complex.
- 4.3 The stamp duty and registration charges, if any, on the contract agreement levied by the Government or any other statutory body, shall be paid by the contractor as applicable in the state of work.
- 4.4 It will be incumbent upon the Contractor to obtain a registration certificate as a dealer under the Local Sales Tax Act / VAT and the Central Sales Tax Act and necessary evidence to this effect shall be furnished by the Contractor to CGEWHO.
- 4.5 The tenderer shall quote his rates inclusive of Service Tax, Turnover Tax /Sales Tax on Works Contract / VAT payable to State Govt. along-with other taxes, duties, levies etc. in conjunction with other terms and conditions. In case, the Turnover Tax / Sales Tax on Works contract on execution of work is waived off by the State Govt. at later stage for this project, the equivalent amount from the date of waiver of such tax (as per prevailing rate as on the date of waiver of Turnover Tax/ Sales Tax on Works Contract/ VAT) shall be deducted from the amount payable to the contractor from subsequent RA bills.

5.0 INCOME TAX DEDUCTION (TDS)

Income tax deductions shall be made from all payments made to the contractor including advances against work done, as per the rules and regulations in force, in accordance with the Income Tax act prevailing from time to time.

6.0 VALUE ADDED TAX (VAT) / SALES TAX

The contractor shall comply with all the provisions of VAT / SALES TAX Act applicable in the respective state. The contractor shall be registered with the applicable sales tax authority of the state / Union territory as applicable for the works. The contractor shall be responsible for submission of appropriate sales tax / VAT to the authority and CGEWHO shall all times be kept indemnified for non-fulfillment of the sales tax / VAT obligations by the contractor including but not limited to registration, submission of tax & its returns at appropriate times and any other statutory obligation(s) in this regard as applicable. However, contractor is bound to submit the proof of deposit of Sales Tax / VAT to the CGEWHO failing which the Project Incharge shall have, without prejudice to any other rights or remedy available under any of the clauses of contract, full powers to deduct / recover the sum(s) he deems fit from any amount due /payable or any security deposit available at his disposal.

7.0 SERVICE TAX

The tenderer shall quote his rates inclusive of Service Tax along with other taxes, duties, levies etc. The contractor must have registration No. with Service Tax Authorities and will provide copy of Registration to CGEWHO before release of any payment by the Corporation. The contractor will submit regular Invoice / Bill fulfilling all conditions of Service Tax Rules 1994 amended from time to time and shall produce proof of deposit of Service Tax to the Corporation as and when demanded failing which the Project Incharge shall have without prejudice to any other rights or remedy available under any of the clauses of contract, full

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powers to deduct / recover the sum(s) he deems fit from any amount due / payable or any security deposit available at his disposal. The contractor has to submit bill showing service tax separately.

8.0 FORECLOSURE OF CONTRACT BY CGEWHO

If at any time after the commencement of the work the CGEWHO shall for any reason whatsoever is required to abandon the work or is not require the whole work thereof as specified in the tender to be carried out, the Project Incharge shall give notice in writing of the fact to the contractor, who shall have no claim to any payment of compensation whatsoever on account of any profit or advantage which he might have derived from the execution of the work in full, but which he did not derive in consequence of the foreclosure of the whole or part of the works.

9.0 DEFECTS LIABILITY PERIOD

The contractor shall be responsible for the rectification of defects in the works for a period of **six** months from the date of taking over of the works by the CGEWHO. Any defects discovered and brought to the notice of the contractor forthwith shall be attended to and rectified by him at his own cost and expense. In case the contractor fails to carry out these rectifications, the same may without prejudice to any other right or remedy available, be got rectified by Engineer-in-charge at the cost and expense of the contractor.

10.0 ESCALATION

All rates as per Bill of Quantities (BOQ) quoted by contractor shall be firm and fixed for entire contract period as well as extended period for completion of the works. No escalation shall be applicable on this contract.

11.0 FORCE MAJEURE

Any delay in or failure to perform of either party, shall not constitute default so as to give rise to any claim for damages, to the extent such delay or failure to perform is caused by an act of God, or by fire, explosion, flood or other natural catastrophe, governmental legislation, orders or regulation etc. Failure of the Owner to hand over the entire site and / or release funds for the project, to Contractor, shall also constitute force majeure. The time for performance of the obligation by the parties shall be deemed to be extended for a period equal to the duration of the force majeure event. Both parties shall make their best efforts to minimize the delay caused by the force majeure event. If the failure / delay of the Owner in handing over the entire site and / or in releasing the funds continues even on the expiry of the stipulated date of completion, Project Incharge, may, at the request of the contractor, foreclose the contract without any liability to either party. In the event of such fore closure, the contractor shall not be entitled to any compensation whatsoever. If prior to such foreclosure the contractor has brought any materials to the site, the Project Incharge shall always have the option of taking over of all such materials at their purchase price or at the local current rates, whichever is lower.

12.0 WATER AND ELECTRICITY

The contractor shall make his own arrangement for Water & Electrical power for construction and other purposes at his own cost and pay requisite electricity and water charges. The contractor shall also make standby arrangement for water & electricity to ensure un-interrupted supply.

13.0 VALUABLE ARTICLES FOUND AT SITE

All gold, silver and other minerals of any description and all precious stones, coins, treasure, relics, antiques and all other similar things which shall be founding, under or upon the site, shall be the property of the CGEWHO.

14.0 LABOUR CESS

The rates of the contractor shall be inclusive of labour cess. CGEWHO shall make a recovery @ 1% on account of labour cess from each RA bill of the contractor and labour cess so recovered/deducted shall be deposited with the Labour Board of the concerned state by contractor.

15.0 RECOVERY OF COMPENSATION PAID TO WORKMEN

In every case in which by virtue of the provisions sub-section (1) of Section12, of the Workmen's Compensation Act, 1923, CGEWHO is obliged to pay compensation to a workman employed by the contractor.

16.0 LAW COVERING THE CONTRACT

This contract shall be governed by the Indian laws for the time being in force.

17.0 CONTRACT AGREEMENT

The Contractor shall enter into a Contract Agreement with the CGEWHO within 15 (fifteen) days from the date of Letter of Award or within such extended time, as may be granted by the CGEWHO failing which no payment shall be released to the contractor. The cost of stamp papers, stamp duty, registration, if applicable on the contract, shall be borne by the Contractor. In case, the contractor does not sign the agreement as above or start the work within 07 (Seven) days of the issue of letter of Award, his earnest money is liable to be forfeited and Letter of award consequently will stand withdrawn.

18.0 MANNER OF EXECUTION OF AGREEMENT

The tender documents will be form of agreement and shall be signed at the office of the CGEWHO within 10 (ten days) days from the date of issue of Letter of Award. The Contractor shall provide for signing of the Contract, appropriate Power of Attorney and the requisite documents/materials. Unless and until a formal contract is prepared and executed, the Letter of Award read in conjunction with the Tendering Documents will constitute a binding contract.

19.0 JURISDICTION

The agreement shall be executed at Delhi on non-judicial stamp paper purchased in Delhi and the courts in Delhi alone will have jurisdiction to deal with matters arising there from, to the exclusion of all other courts.

20.0 PAYMENT TERMS:

The agency may at intervals of not less than a fortnight submit claims for payments of bills on account for work done and for materials brought at site in connection with the contract. However, the minimum gross value of the bill should not be less than Rs.20.00 lacs out of which 50% should be the actual work done and 75% of the amount due shall be released by the Project Incharge after initial scrutiny. The Project Incharge shall forward the bill to HO, CGEWHO for release of the balance payment.

The final bill shall be submitted by the agency within three months of completion of the works and successful commissioning of the pipeline by HMWSSB and satisfactory functioning of the entire system for minimum 15 days.

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Schedule of Quantities for laying of 200 mm dia DI water supply line from Army Public School to Kendriya Vihar Phase - III, Hydershakote, Hyderabad.

Sl.No.	Description	Nos	Measurements			Qty	Unit	Rate	Amount
			L	B	D				
1	Earth work excavation and depositing on banks for pipe line trenches with an initial lead of 10 m. and lift of 2 m in all available soils including labour charges, all operational and incidental charges etc., complete as directed by the H.M.W.S & S, Board Engineers								
		1	1200.00	0.70	0.80	672.00	M3		
	Sluice valve chambers	3	1.8	1.8	1.5	14.58	M3		
						686.58	M3		
2	Earth Work Excavation and depositing on bank in hard rock and boulders more than 3 Cum. In size requiring control blasting excluding stacking complete as directed by the departmental officers including all leads and lifts, all incidental and operational charges etc., and depositing the same on bank with initial lead of 10 Mts. lift of 2 m etc., complete but excluding dewatering for pipeline trenches. (For pipeline trenches where depth is less than 1.5 times the width.)								
	10% EWE	1	68.65	0	0	68.65	M3		
3	Cutting of 200 mm dia CI / DI pipes without water in the main etc., complete as directed by the H.M.W. S. & S. Board Engineers.								
	200 mm Dia	6	0	0	0	6.00	Nos		
	300 mm Dia	2	0	0	0	2.00	Nos		
4	Lowering the CI / DI (K7) S/S pipes and specials carefully into the readymade trenches and laying them true to alignment and gradient including all labour charges, all operational charges etc., but excluding conveyance of pipes from Board stores to work site etc., complete as directed by the H.M.W.S. & S. Board Engineers.								
	200 mm Dia	1	1200	0	0	1200	Rmt		
5	Joining CI /DI pipes with plain spigot and modified socket rubber gasket (tyton) joints including all sundries but excluding cost of rubber gaskets etc., complete as directed by the H.M.W.S. & S. Board Engineers.								
	200 mm Dia	218	0	0	0	218	Nos		
	300 mm Dia	2	0	0	0	2	Nos.		

6	Jointing CI / DI pipes, specials with S/s ends excluding cost of jointing materials such as piglead, wool and spunyarn, cement but including sundries such as cost of fuel for melting lead, filling water in mains and testing to the required pressure etc., complete 150mm & 100mm dia lead joints								
	200 mm dia joint	6	0	0	0	6	No's		
	300 mm dia joint	2	0	0	0	2	No's		
7	Lowering and keeping in position C.I. Sluice valves including conveyance of all materials etc., complete as directed by the H.M.W.S. & S. Board Engineers.								
	200 mm Dia S/v	2	0	0	0	2	No's		
	300 mm Dia S/v	1	0	0	0	1	No's		
8	Jointing D.I / C.I pipes and valves with D/F joints including cost of nuts, bolts, rubber insertion etc., including filling with water and testing to required pressure etc., complete as directed by the H.M.W.S. & S. Board Engineers.								
	200 mm Dia S/v	4	0	0	0	4	No's		
	300 mm Dia S/v	2	0	0	0	2	No's		
9	Supply and delivery fixing of RCC precast manholes chambers having the size of 36" at bottom tapering to 21" dia at top fixing in CC 1:4:8 prop along with FRC cover and frame laying CC 1:2:4 prop including cost of materials labour charges earth work curing conveyance etc complete as directed by the HMWSSB Engineers.								
		3	0	0	0	3	No's		
10	Barricading, Boarding, lighting and Watching etc., for water supply pipe (SW pipe) line trenches etc., complete as directed by the HMWS&SB Engineers.								
		2	1200	0	0	2400	Rmt		
11	Supplying, laying, jointing and testing 100 mm SWG SP -I pipes of ISI make conforming to ISI 651 & 4127 with airtight cement joints in CM 1:5:1 prop. Including excavation of trenches and socket pits in any soil (except rock requiring blasting) up to 914.4 mm (3'0") depth and refilling with watering and tamping., complete as directed by the H.M.W.S. & S. Board Engineers.								
		10	0.6	0	0	6	Rmt		
		4	1.2	0	0	4.8	Rmt		
						10.8	Rmt		

12	Supply, Laying and jointing of 15 mm dia MDPE pipe including fitting cost and conveyance of all materials including all other incidental and operation charges etc., complete as directed by the H.M.W.S. & S.B Engineer.								
		15	1	0	0	15	Rmt		
		10	2	0	0	20	Rmt		
						35	Rmt		
13	Making dummy arrangements to DI and CI including cost of CI socket tail piece with MS dummy plate and of pig lead spun yarn and cost of joining material land all labour charges etc., complete as directed by the H.M.W.S. & S.B Engineers.								
	200 mm	1	0	0	0	1	No's		
14	Supply delivery and filling of good quality gravel including all leads and lifts all operational and incidental charges, Engineers (Qty as per Rock)	1	68.65	0	0	68.65	Cum		
15	Supply delivery and filling of good quality quarry dust including all leads and lifts, all operational and incidental charges, etc., complete as directed by HMWS&SB Engineers.	1	150	0.7	0.3	31.5	Cum		
16	Refilling the pipe line trenches with using excavated soils other than sand with standard specification including watering and tamping in layers of 225 mm etc., complete to the finished item as directed by the H.M.W.S. & S.Board Engineers.								
	Qty as per E/W Item No. 1	1	686.58	0	0	686.58	M3		
17	Carting away the surplus excavated materials such as rock / earth the site to a suitable distance of about 8 Kms including loading, unloading, conveyance charges and dumping the carted material at the contractors cost labour charges all leads and lifts all other incidental and operational charges etc complete as directed by the HMWSSB Engineers.								
	Qty as per CC Item No. 1	1	10	0	0	10	M3		
18	Restoration and relaying of CC road (1:2:4) to the finished item including cost of all labour, tool, machinery, etc complete as directed by HMWS & SB Engineers.	1	600	0.9	0.15	81	Cum		
							Total :-		

COST OF MATERIAL

Sl.No	Description	Nos	Measurements			Qty	Rate	Amount
1	Supply and delivery of DI pipes including cost and conveyance.							
	200 mm Dia DI Pipes	1	1200	0	0	1200		
2	Supply and delivery of DI Specials including cost and conveyance of all material etc., complete.							
	200 mm Dia CI / DI Coller	3	56	Each		168		
	300 mm Dia CI / DI Coller	1	100	Each		100		
	300 mm x 300 mm x 200 mm DI AS Tee	1	87	Each		87		
	200x90 Degree CI / DI Bends	1	45	Each		45		
	200x45 Degree CI / Di Bends	2	36	Each		72		
	200x22.5 Degree CI / DI Bends	2	32	Each		64		
						536		
3	Supply and delivery of spun Yarn including cost and conveyance etc., complete							
	200 mm Dia Joint	6	6	0.3 Kg/Each		1.8		
	300 mm Dia Joint	3	3	0.48 Kg/Each		1.44		
						3.24		
4	Supply and delivery of Pig Lead including Conveyance etc., Complete							
	200 mm Dia Joint	6	6	5 Kg/Each		30		
	300 mm Dia Joint	3	3	7.2 Kg/Each		21.6		
						51.6		
5	Supply and delivery of CI Sluice valves with tail pice including cost and conveyance of all materials etc., Complete							
	200 mm Dia S/v	2	0	0	0	2		
	300 mm Dia S/v	1	0	0	0	1		
6	Supply and delivery of CI Sluice valves with tail pice including cost and conveyance of all materials etc., Complete							
	200 mm Dia S/v	3	0	0	0	3		
7	Supply and delivery of rubber gasket including cost and conveyance of all materials etc., Complete							
	200 mm Dia	218	0	0	0	218		
	TOTAL							

SUMMARY OF COST

Cost of Materials	
Cost of Civil work	
Cost of remaking charges of Panchayat Road Lump Sum	
Grand Total	

SIGNATURE OF THE
CONTRACTOR WITH STAMP

CGEWHO

