

TENDER DOCUMENT

FOR

**Lining, Repair and Construction of Balance Works of Left
Main Canal & its Structures under North Koel Reservoir
Project, Jharkhand**

Estimated Cost (Rs. 5.96 Crores)

TENDER NO: WAP/NK/JHK/BALANCE/LMC/2026

PRICE SCHEDULE

2nd Call



(भारत सरकार का उपक्रम-जल शक्ति मंत्रालय)
(A Government of India Undertaking-Ministry of Jal Shakti)

Preamble to the Price Schedule

1. In case of Percentage Rate Tenders, contractor shall fill up the usual printed form, stating at what percentage below/above (in figures as well as in words) the total estimated cost given in Price Schedule; he will be willing to execute the work. The tender submitted shall be treated as invalid if :-
 - The contractor does not quote percentage above/below/ at per on the total amount of tender or any section/sub head of the tender.
 - The percentage above/below/ at per is not quoted in figures & words both on the total amount of tender or any section/sub head of the tender.
 - The percentage quoted above/below/ at per is different in figures & words on the total amount of tender or any section/sub head of the tender.
2. In case the lowest tendered amount (amount worked on the basis of percentage above/below) of two or more contractors is same, such lowest contractors will be asked to submit sealed revised offer in the form of letter mentioning percentage above/below on estimated cost of tender including all sub sections/sub heads as the case may be, but the revised percentage quoted above/below on tendered cost or on each sub section/ sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers.
3. In case any of such contractor refuses to submit revised offer, then it shall be treated as withdrawal of his tender before acceptance and 50% of earnest money shall be forfeited.
4. If the revised tendered amount of two more contractors received in revised offer is again found to be equal, the lowest tender, among such contractors, shall be decided by draw of lots in the presence of Evaluation Committee of the Employer and the lowest contractors those have quoted equal amount of their tenders.
5. In case all the lowest contractors those have quoted same tendered amount, refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each bidder.
6. Contractor(s), whose earnest money is forfeited because of non-submission of revised offer, shall not be allowed to participate in the re-tendering process of the work.
7. Only percentage rate quoted tenders shall be considered. Any tender containing item rates is liable to be rejected. Percentage quoted by the contractor in percentage rate tender shall be accurately filled in figures and words, so that there is no discrepancy.
8. In Percentage Rate Tender, the tenderer shall quote percentage below/above (in figures as well as in words) at which he will be willing to execute the work. He shall also work out the total amount of his offer and the same should be written in figures as well as in words in such a way that no interpolation is possible. In case of figures, the word 'Rs.'

should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15P and in case of words, the word 'Rupees' should precede and the word 'Paisha' should be written at the end.

9. Contractor should satisfy himself with the total amount of the contract (as worked out in the Price Schedule) for the execution of the complete work.
10. Any error, if any in the Price Schedule, Design, Drawings to be brought in the notice of WAPCOS on or before Pre-BID meeting.

PRICE SCHEDULE

WAPCOS LIMITED						
Quoting Sheet for the Bidder						
NIT No:	WAP/NK/JHK/BALANCE/LMC/2026					
Name of Work:	Lining, Repair and Construction of Balance Works of Left Main Canal & its Structures					
Name of the Firm:						
	BOQ Amount(in Rs)	Above or Below or At par	% in Figures	% In Words	Amount Above or Below or At par	Total Cost
I	II	I	IV	V	VI= (II*IV)	VII= (II+VI)
PERCENTAGE RATE	₹ 5,95,24,966/-					
• Total Amount						
Total in figure						
Total in words						

Note:

1. The estimated amounts for items are given in the Estimate.
2. The tenderer has to quote their offer in percentage above/below/ at-par the estimated amount.
3. The percentage rate shall be quoted up to 2 decimals.
4. **The Percentage (%) rate quoted for the contract shall be inclusive of all charges, except GST @18% as indicated in the Price Schedule.** GST as applicable shall be paid on submission of proof and Bill shall be accepted only after Bill is uploaded at GST Portal, subject to receipt of the same by Employer on back to back terms.
5. **The rate for carriage of materials shall be on actual lead at site at the time of execution, if the lead is more than provided in the BOQ, nothing will be paid extra. However, if the lead is less than the BOQ, then a proportionate rate will be deducted.**
6. **The final rates on which the works is to be executed are to be approved by the competent authority based on the Financial Bids submitted by the Bidders. In case any item scheduled/non-scheduled whose rates have not been included in the BOQ, then the rate shall be decided by the competent authority for payment.**
7. The payment will be made as per the actual work done and item wise measurement basis.
8. Rate filled at any other place in the document shall not be considered.
9. Where there is a discrepancy between the words and figures, the lesser of the two will only be taken in to consideration.
10. Where there is an arithmetical discrepancy in the page total as well as grand total, the corrected total by the Employer will govern.
11. The rates quoted shall be for carrying out the work in conformity to the IS Standards and Technical Specifications and other Terms and Conditions set out in the Bid Document
12. All pages in the BOQ should be signed without omission. All corrections/over writing should be properly attested by the Bidder.
13. Change in the Quantities - If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item/items, the rates as in the agreement for the relevant items shall be paid.
14. The Method of measurement of completed work for payment shall be in accordance with the requirement as stated in the individual section of Technical Specifications or as per CPWD Specifications.
15. The contractor shall carry out the site establishment works/temporary works at his own cost. Nothing shall be paid over and above the contract amount.
16. **The rates quoted by the bidder shall be deemed to include all costs related to leads and lifts of disposal of earth work required for the proper execution of the work, as described in the BOQ. If the actual lead and lift is more than provided in the BOQ, nothing will be paid extra and No extra payment shall be made whatsoever admissible on these accounts.**
17. **The rates quoted by the bidder shall be deemed to include all costs related to dewatering (including above nominal) and shoring (including above nominal) that is necessary for the execution of works. No extra payment shall be made whatsoever admissible on these accounts.**

**Lining, Repair and Construction of Balance Works of Left Main Canal & its
Structures under North Koel Reservoir Project, Jharkhand**

Abstract of Cost		
Sr. No.	Item Description	Amount (in Rs.)
1	A-Preliminary	39098
2	L-Earthwork	801987
3	L-Lining	45376226
4	P-Maintainance	66705
5	Barrel	846272
6	CD	9259195
7	Lining Drain	176940
8	Earthwork Drain	696560
9	21 Nos. of Outlets	2261984
Grand-total		59524966

Details of LMC Distributary Network Balance Work							
A-Preliminary							
S. No.	Description Of Items	Unit	Total BoQ Quantities	Executed Quantities	Balance Quantities	Rate (in Rs.)	Amount (in Rs.)
1	Earth work in excavation of foundation trenches in ordinary soil (vide classification of soil item A) and disposal of excavated earth so obtained to a distance upto 50 mtr and average lift of 1.5 mtr including leveling, removing the roots of shrubs etc. all complete as per specification and direction of E/I.(SR. 5.1.27)	m3	2.94	2.94	0	135.00	0
2	Providing and laying P.C.C. or R.C.C. M100 with nominal mix 1:2:4 in superstructure of various component of canal or embankment structure with approved quality of graded coarse aggregate of required grade(as per design) and approved quality of sand tools and plants, vibrating, curing, royalty and all taxes etc.all complete as per specification and direction of E/I. (5.3.9)	m3	1.45	1.45	0	5300.00	0
3	Providing and laying P.C.C. or R.C.C. M100 with nominal mix 1:3:6 in foundation of various component of canal or embankment structure with approved quality of graded coarse aggregate of required grade(as per design) and approved quality of sand tools and plants, vibrating, curing, royalty and all taxes etc.all complete as per specification and direction of E/I. (SR 5.3.3)	m3	2.27	1.332	0.938	4800.00	4502.4
4	Providing MS reinforcement (FE 500) as per approved design drawing removal rust cutting, bending, binding including supplying annealed wire, playing MS rods in position complete job as per specification and direction of E/I (5.3.22)						
	i) 8mm dia bar	MT	0.114	0.04056	0.07344	68000.00	4993.92
5	Providing shuttering including centering, etc and its removal after use in various components of canal structures or embankment structure as per specification and direction of E/I (5.3.19)	m2	76.2	35.75	40.45	400.00	16180
6	Carriage of materials.						
	Coarse Sand (85km lead)	m3	1.68	1.27	0.41	1350.00	553.5
	Stone chips+Metal (150 Km lead)	m3	3.37	2.54	0.83	2200.00	1826
	Cement (55Km lead)	MT	19.13	0.8	18.33	600.00	10998
	Steel (55 km)	MT	0.114	0.04056	0.07344	600.00	44.064
Total							39097.884

Details of LMC Distributory Network Balance Work							
L-Earthwork							
S. No.	Description Of Items	Unit	Total BoQ Quantities	Executed Quantities	Balance Quantities	Rate (in Rs.)	Amount (in Rs.)
1	Preparation of borrow of embankment or canals by removing the grass and the jungle bushes from the top including weeding out shrubs including levelling all complete as per specification and direction E/I (SR No. 5.1.2)	M2	297250	206617.5	90632.5	3.00	271897.5
2	Earth work in exavation (Filling) of canals and dhars carrying minimum fukk supply discharge between 8.5 cumecs (300 cusecs) and 0.14 Cumecs (cusecs) in ordinary soil (Vide soil A) and making banks with excavated earth in proper profile and laying earth in 225 mm layers and rough dressing with initial lead 30 m and of 1.5m .All complete as per specification and direction of E/I (5.1.8)	M3	22381.59	21425.861	955.729	175.00	167252.575
3	Earth work in exavation (cutting) of canals and dhars carrying minimum fukk supply discharge between 8.5 cumecs (300 cusecs) and 0.14 Cumecs (cusecs) in ordinary soil (Vide soil A) and making banks with excavated earth in proper profile and laying earth in 225 mm layers and rough dressing with initial lead 30 m and of 1.5m .All complete as per specification and direction of E/I (5.1.8)(Excluding Royalty of Rs 22/-)	M3	143412.31	143412.31	0	185.00	0
4	Earthwork in lip cutting vin side slopes and bed of acnals in ordinary soil with initial lead of 30m and lift of 1.5m including the cost of formation of subgrade of canal lining profile levelling,controlling of slopes and fine dressing,disposal of excavated earth and niominal dewatering if any all complete as per approved design specifoication and direction of E/I (5.1.21)	M3	13705.5	12163.374	1542.126	195.00	300714.57
5	Extra for watering and consolidation of earth laid in 150 mm to 225 mm layer, manual labour with CI hammer to achieve minimum 85% of dry density including supply of water and necessary tools and plants with all leads and lifts all complete as approved design specification and directions(5.1.38)	M3	22381.59	21425.859	955.731	65.00	62122.515
Total							801987.16

Details of LMC Distributary Network Balance Work							
L-lining							
S. No.	Description Of Items	Unit	Total BoQ Quantities	Executed Quantities	Balance Quantities	Rate (in Rs.)	Amount (in Rs.)
1	Providing and laying CNS layer of approved quality (60% moorum and 40% local sand) on the earth subgrade in a layer of 600m (as per IS 9451:1994) & compaction watering etc.all complete as per direction of E/I	cum	50521.00	28929.38	21591.62	520.00	11227642.40
2	free from clay and other organic material (FM 2.5 to 3) in slope and bed of the canal below lining including the cost of watering, compaction including royalty ail taxes etc all complete as per direction and specification of E/I (5.2.8)	cum	11850.33	7338.04	4512.30	1050.00	4737909.75
3	Providing M 100 with nominal mix 1:3:6with wellgraded stone chips (20mm and down) and coarse sand of approved quality and of requisite FM in coping of the canal in panels with construction joints including cost of formwork and its removal curing, royalty and all taxes etc.all complete as per specification and direction of E/I. (SR 5.2.19)	cum	545.45	528.41	17.04	6100.00	103925.70
4	Providing and laying (in position) design mix concrete M-150 using cement concrete not less than minimum cement as specified in IS 456: 2000 manufactured in fully automatic batching plant and transported to site of work in transit mixer having continous agitated mixer, manufactured as Der design of specified grade and laying the same with mechanical concrete with paver or by other means (wherever laying of concrete with paver is not possible) for cement concrete lining 60 mm thick including cost of admixtures in recommended proportions as per 15-9103 to accelerate/retard setting of concrete, improve workability without impairing strength and duability including cost of cutting grooves and inserting PVC water stop seals (excluding cost of PVC seals) for joints, supply. Carriage, ad leads and lifts, loading and unloading of all materials, curing, all taxes etc.all complete as per specification and direction of E/I. (Fresh Lining) (Note: The above specification is for tender purpose. However as per Item 5.2.21 adopted does not includes the rate of pavers. 4.648.29 M 5 Hence taken seperately) (5.2.21)	cum	4648.29	3731.89	916.40	6800.00	6231506.40
5	Extra for Lining with Pavers and Design Mix as Item 4 does not include the rate of Paver and Design mix	Sqm	77471.50	61198.20	16273.30	40.00	650932.00
6	Providing 150mm dia vertical pressure relief valve complete with holding down bolts nuts base plate etc all complete job as per specification and direction of E/I	Nos	1189.00	1189.00	0.00	600.00	0.00
7	Providing and Laying LDPE film of 250 micron in th bed and side slopes of the canal as per specification and direction of E/1 (5.5.23).	Sqm	84228.00	65239.90	18988.10	30.00	569643.00
8	Supplying and laying 150mm dia RCC NP2 perforated pipe in under drainage of canal lining as per specification and direction of E/I (5.2.11)	M	11890.00	9395.00	2495.00	125.00	311875.00
9	Supplying and laying stone metal graded filter of size 90min to 45mm size in slope and bed of canal below lining including royalty, all taxes ere all complete as per specification and direction of E/I. (5.2.7)	cum	14279.00	7019.31	7259.69	1192.00	8653548.10
10	Providing intake box with PCC M150 with nominal imix of (1:2:47 using stone chips 20mm and down and sand of FM not less than 2 including cost of formwork making space for underdrainage pipes Fixing bolts curing and placing in position all complete as per specification and direction of E/I. (5.2.3)	Nos	1189.00	934.00	255.00	850.00	216750.00
11	Providing 10 mm thick vertical joints at suitable intervals, filled with bituminous materials of approved quality including royalty, all taxes etc all complete as per specification and direction of E/I. (5.2.10) or PVC seal						
	For canal side slope per 25 m (Horizontal)	M	3080.44	0.00	3080.44	95.00	292641.80
	For canal bed (Longitudinal)	M	11890.00	0.00	11890.00	80.00	951200.00
12	Providing 150mm thick P.C.C. lining M 150 with nominalimix 1:3:6with well graded stone chips (20mm) and down) and coarse sand of approved quality and of requisite FM in cement sleeper of joints of the cunal in panels with construction joints including cost of formwork and its removal curing, royalty and all taxes etc all complete as per specification and direction of E/I. (SR 5.2.21)	cum	449.11	493.69	-44.58	6000.00	-267456.00
13	Providing safety ladder in lined section of canal with MS rod embedded in cement concrete (1-3:6) in accordance with IS 3812: 1966 including royalty, all taxes etc. all complete as per specification and direction of E/i. (5.2.17)	Nos	20.00	0.00	20.00	7500.00	150000.00
14	Carriage of materials						0.00
	Moorum(15km lead)	cum	30312.60	17357.63	12954.97	400.00	5181988.00
	Local Sand (5K + 5P)	cum	20208.40	11571.75	8636.65	300.00	2590995.00
	Coarse Sand (30km lead)	cum	2296.16	2296.16	0.00	700.00	0.00
	Stone chips + Metal (135 km + 5 k lead)	cum	4592.31	3813.94	778.37	2000.00	1556734.00
	Cement(100km +5km (k) lead	MT	1584.21	1487.49	96.73	980.00	94790.50
	NP2H, Pipe,150 mm dia (30km lead)	M	11890.00	9394.00	2496.00	850.00	2121600.00
Total							45376225.60

Details of LMC Distributary Network Balance Work							
P-Maintenance							
S. No.	Description Of Items	Unit	Total BoQ Quantities	Executed Quantities	Balance Quantities	Rate (in Rs.)	Amount (in Rs.)
1	Providing brick flat soling with designation 100A bricks joints filled with coarse sand of approved quality including royalty and all taxes, all complete as per specification and direction of E/I. (SR 5.7.14)	m2	0.14	0	0.14	248.00	34.72
2	Providing and laying P.C.C. or R.C.C. M100 with nominal mix 1:3:6 in foundation of various component of canal orembankment structure with approved quality of graded coarse aggregate of required grade(as per design) and approved quality of sand tools and lants, vibrating, curing, royalty and all taxes etc.all complete as per specification and direction of E/I. (SR 5.3.3)	m3	0.14	0	0.14	4250.00	595
3	Providing coarse clean local sand filling in foundation trenches including ramming, watering, royalty and all other taxes complete job as per specification and direction of E/I. (SR 5.1.37)	m3	0.14	0	0.14	233.00	32.62
4	Brick work in designation 100A brick with cement mortar (1:4) in superstrucure with approved quality coarse sand of requisite FM Washed and screened with raking out joints to 12mm depth,curing,scaffolding and its removal whenever required including royalty and all taxes etc.all complete as per specification and direction of E/I. (SR 5.4.6)	m3	0.9	0	0.9	4311.00	3879.9
5	Providing and laying PCC/RCC M200 in nominal mix of 1:15:3 in wearing coat over deck slab as per specification and direction of E/I (5.3.15)	m3	0.024	0	0.024	5480.00	131.52
6	Providing shuttering including strutting, propping etc and its removal after use in foundation as per specification and direction of E/I (5.3.18)	m2	0.14	0	0.14	363.00	50.82
7	Providing shuttering including strutting, propping etc and its removal after use in various components of canal structures or embankment structure as per specification and direction of E/I (5.3.19)	m2	0.024	0	0.024	363.00	8.712
8	Providing and laying P.C.C. or R.C.C. M200 with nominal mix 1:1.5:3 in superstructure of various component of canal embankment structure with approved quality of graded coarse aggregate of required grade(as per design) and approved quality of sand of requisite F.M. washed and screened including necessary tools and plants, vibrating, curing, royalty and all taxes etc. excluding cost of formwork as well as reinforcement, its cutting, bending, binding and placing complete job as per specification complete as per specification and direction of E/L (SR 5.3.10)	m3	10.38	0	10.38	5450.00	56571
9	Carriage of materials including loading, unloading and stacking				0		0
	i) Cement (Lead-10Km)	MT	4.3	0	4.3	212.00	911.6
	ii) Sand (L) (Lead 1K+2P)	m3	2.89	0	2.89	208.00	601.12
	iii) Sand (C) (Lead 55Km)	m3	0.84	0	0.84	85.00	71.4
	iv) Brick (Lead 1K+7P)	Nos	497	0	497	7.68	3816.96
Total							66705.37

Details of LMC Distributary Network Balance Work Barrel at Ch. 0.130 Km of LMC Drain							
S. No.	Description Of Items	Unit	Total BoQ Quantities	Executed Quantities	Balance Quantities	Rate (in Rs.)	Amount (in Rs.)
1	Earthwork in fiffing and foundation trenches and back filing of structures in layer not exceeding 1.50mm thick well watered rammed and fully compacted and finely dressed with sotable earth obtained from excavation on of foundation trenches and placed in surtable profile with a lead of 30m and lift of 1.5m complete job as per specification and direction of E/I (SR No. 7.1.31)	m3	119.21	0	119.21	165	19669.65
2	Providing and laying PCC or RCC M-15 with nomical mes of (1:2:4) in foundation of various components of canal or embankment structure with approved quality of 20mm graded coarse aggregate or required grade (as per design) and approved quality of sand of requisite FM (2.5 to 3.0) washed and survened including necessary tools and plants, vibrating curing roaylity and all tares etc. excluding cast of form works as well reinforcement its cutting binding and placing complete job as per specification and direction of E/I (SR. No. 7.3.4)	m3	6.37	0	6.37	5100	32487
3	Providing and laying PCC or RCC M-25 with nomical mix of (1:1:2) in deck slab with approved of 20mm graded coarse apgregate or required grade (as per design) and approved quality of sand of requinite FM (2.5 to 3.0) washed and screened including necessary tools and plants, vibrating curing roaylity and all taxes etc, excluding cost of form works as well reinforcement its cutting binding and placing complete job as per specification and direction of E/1 (SR. No. 7.3.13)	m3	38.38	0	38.38	5445	208979.1
4	Providing shuttering including strutting proping etc. and its removal after use in foundation as per specification and direction of E/I (SR. No. 7.3.18)	m2	218.56	0	218.56	400	87424
5	Providing centering including strutting and propin etc., and removal after use in deck stab as per specification and direction of E/I (SR. No.7.3.20)	m2	49.76	0	49.76	523	26024.48
6	Providing MS reinforcement (FE 500) as per approved design drawing removal rust cutting, bending, binding including supplying annealed wire, playing MS rods in position complete job as per specification and dunction of E/1 (7.3.22)	MT	5.71	0	5.71	68000	388280
7	Labour for rolling and compacting the earth in layers of 225mm thick at O.M.C by sheep foot roller/Vibratory Roller driven by tractor to achieve minimum 95% of maximum dry density, including sprinkling the required quantity of water making arrangement for supply and carriage of water with all leads and lifts, finishing the surface as plan and drawing, including hire charge of compaction machine and other tools and plants etc. for lined canal all compaction machine and othe tooh and plants etr. for lined canal all complete as per specification and direction of E/1. (Mode of measurement sectional measurement of compacted earth (Jh. S.R.Item No. 7.1.39)	m3	119.21	0	119.21	70	8344.7
8	Carriage of Materials				0		0
	a) Cement (25p+6k)	MT	18.48	0	18.48	400	7392
	b) Steel (25p+6k)	MT	5.71	0	5.71	400	2284
	c) Sand (3k)	m3	17.64	0	17.64	300	5292
	d) Stone Metal (95p+7k)	m3	35.35	0	35.35	1700	60095
Total							846271.93

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NORTH KOEL RESERVOIR PROJECT, BIHAR AND JHARKHAND**ABSTRACT OF QUANTITY OF LINING OF DRAINAGE CHANNEL**

S. No.	Description	Quantity	Unit	Quoted Rates by the agency of LMC (Rs)	Amount (in Rs.)
1	Providing 150mm thick P.C.C. lining M 150 with nominal mix 1:3:6 with well graded stone chips (20mm and down) and coarse sand of approved quality and of requisite FM in cement sleeper of joints of the canal in panels with construction joints including cost of formwork and its removal curing, royalty and all taxes etc.all complete as per specification and direction of E/I. (SR 7.2.21)	21.25	M ³	6000	127500
2	Carriage of materials.				
	Cement (100 km + 5Km (K) lead)	7.22	M ³	980	7075.6
	Coarse Sand (30Km lead)	8.92	M ³	700	6244
	Stone chips+Metal (135Km + 5(k)lead)	18.06	M ³	2000	36120
Total (in Rs.)					176939.60

NORTH KOEL RESERVOIR PROJECT, BIHAR AND JHARKHAND					
ABSTRACT OF QUANTITY OF EARTHWORK OF DRAINAGE CHANNEL					
S. No.	Particular	Quantity	Unit	Quoted Rates by the agency of LMC (Rs)	Amount (in Rs.)
1	Preparation of borrow areas of embankment or canals by removing the grass and the jungle, bushes from the top including weeding out shrubs including levelling all complete as per specification and direction of E/I (SR No. 7.1.2)	880.00	Sqm	3.00	2640
2	Earth work in excavation of canals and dhars carrying minimum full supply discharge between 8.5 cumecs (300 cusecs) and 0.14 cumecs (5 cusecs) in ordinary soil (vide soil A) and making banks with excavated earth in proper profile and laying earth in 225 mm layers and rough dressing with initial lead of 30 m and lift of 1.5m. all complete as per specification and direction of E/I. (7.1.8)	3663.46	Cum	185.00	677740.10
3	Earthwork in filling in canal banks (canal discharge upto 28 cumecs) as well as special repair of embankment in canal bank in grade A & B types of soil (vide soil- A & B) in proper profile excavation by hydraulic m/c and carriage by tipper truck obtained from borrow area or any other sources free from logs, roots, or any other ingredients with all lifts including breaking clods to maximum 60 mm size, placing earth in layers not exceeding 225 mm thick all complete as per specification & direction of E/I. lead beyond 1 Km but upto 2 Km (WRD 7.1.26.3) Part-B Corrigendum (Page No. 36)	45.10	Cum	175.00	7892.50
4	Earthwork in lip cutting in side slopes and bed of canals in ordinary soil with initial lead of 30m and lift of 1.5m including the cost of formation of subgrade of canal lining profile levelling, controlling of slopes and fine dressing, disposal of excavated earth and nominal dewatering if any all complete as per approved design, specification and direction of E/I (7.1.21)	42.50	Cum	195.00	8287.50
TOTAL COST OF Earthwork in LMC Drain (in Rs.)					696560.10

General Abstract of Cost for Outlets offtaking from North Koel Reservoir Project, Jharkhand & Bihar				
S.No	Chainage	Outlet Side	Type of Outlet	Amount (in Rs.)
1	0.63	Right	Pipe	162366.71
2	0.63	Left	Pipe	102955.86
3	1.95	Right	Pipe	156154.75
4	1.95	Left	Pipe	90330.77
5	2.82	Right	Pipe	159060.69
6	2.82	Left	Pipe	101252.78
7	4.56	Right	Pipe	159981.43
8	4.56	Left	Pipe	99608.85
9	5.32	Right	Pipe	105681.13
10	5.93	Right	Pipe	102006.11
11	6.27	Right	Pipe	103639.68
12	7.36	Right	Pipe	101699.46
13	9.64	Right	Pipe	103100.95
14	10.14	Right	Open Flume	69210.46
15	10.14	Left	Open Flume	102959.76
16	11.43	Right	Open Flume	97974.03
17	11.43	Left	Open Flume	67342.88
18	11.73	Right	Open Flume	106578.4
19	11.73	Left	Open Flume	65820.62
20	11.89	Right	Open Flume	115675.54
21	11.89	Left	Open Flume	66186.87
Sub total (in Rs.)				2239587.7
Labour Cess @ 1% on Sub total				22395.9
G.Total (in Rs.)				2261983.6