

NAME OF WORK:- **REHABILITATION OF NAUSHAHRO X-REGULATOR AT RD-425 ALONG ROHRI MAIN CANAL.** (SCHEDULE A TO BID)

SCHEDULE OF PRICE

Item of work	Quantity	Rate	Unit	Amount	
Part –“A” REHABILITATION OF NAUSHAHRO X-REGULATOR AT RD-425					
1	Supply and filling new jute Bags 4 to 5 ft capacity with sand or earth sewing and stacking in dry lying in position under water for constructing Gundha. (P-79 / I-03)	12880 Bags	184/31	Per Bag	2373913/-
2	Dismantling brick work in lime or cement mortar (P-10 / I-13)	345 Cft.	1285/63	% Cft.	4435/-
3	Dismantling cement concrete plain 1:2:4 flanks abutment D/S pitching old foundation with brick aggregate (P-10 / I-19d)	690 Cft.	907/50	% Cft.	6262/-
4	Dismantling cement concrete reinforcement separating reinforcement from the concrete cleaning and strengthening the same. (P-10/I-20)	631 Cft.	5445/-	% Cft.	34358/-
5	Excavator in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead up to 5 ft. (b) In ordinary soil (P-4 / I-18b)	27050 Cft.	3176/25	%0 Cft.	85918/-
6	Earthwork Excavation in Irrigation Channel, drains etc., dressed to designed section grades and profiles excavated material disposed off and dressed within 50' Lead. (a) Ordinary Soil (P-1/I-5a)	290200 Cft.	2420/-	%0 Cft.	702284/-
7	Re-handling of Earthwork (b) Upto lead of 50' (3 leads) (P-2/I-9b)	290545 Cft.	1058/75	%0 Cft.	307615/-
8	Preparing, watering and ramming surface for laying concrete (for head works only). Horizontal floor (P-18/I-18a)	2400 Sft.	228/09	% Sft.	5474/-
9	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). (h) Ratio 1:2:4 (P-16/I-5f)	6550 Cft.	14429/25	% Cft.	945116/-
10	Erection and removal of centering for R.C.C or plain cement concert work of (b) Partal wood (vertical) (P-18/I-19a)	2560 Sft.	7000/-	% Sft.	179200/-
11	Reinforcement cement concrete work i/c all labour and material except the cost of steel reinforcement and its labour for its bending & which will be paid separately, this rate also i/c all kinds of form moulds lifting shuttering curing rendering and finishing the exposed surface and washing of shingle) a) RCC work in roof, slab, beams, column rafts, limits and other structural members laid in situ or pre-cast laid in position completed in all respects. (P-16/I-6)	86112 Cft.	337/-	P/Cft.	29019744/-

12	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending, laying in position making joints and fastenings i/c cost of binding wire (also includes removal of (b) using tor bars (P-17/I-8b)	4613.14 Cwt.	5001/70	P/Cwt.	23073542/-
3	Supplying of clean screened (river or pit sand within 5 chains including removal of top crest of earth over burden royalty to the government or cost of private owners. (P-6 / I-36)	19200 Cft.	420/-	%0 Cft.	8064/-
14	Barrow pit excavation undressed lead upto 100' Ft. (a) Ordinary Soil. (P-1 / I-3)	350200 Cft.	2117/50	%0 Cft.	741549/-
15	Carriage of 100 Cft./5 tons of all material like tone aggregate spal coal line Surkhi etc. BG Rails fastening points and crossing Bridges and Girders pipes sheets, rails M.S Bar etc are 1000 Nos. bricks 10"x5"x3" are 1000 Nos. Tiles 12"x6"x2" are 150 Cft. of tumber of 1000 munds of fuel wood by Trucks or any other means owned by Contractor 2 miles. (P-1 / I-1)	369400 Cft.	502/52	% Cft.	1856309/-
16	Earthwork compaction soft ordinary or hard soil (b) laying earth in 6" layers leveling, dressing, watering for compaction etc. complete. (P-3 / I-13(b))	350200 Cft.	354/-	%0 Cft.	123971/-
17	Formation dressing and preparing Sub-Grading (P-74 / I-1(b))	12856 Sft.	453/75	% Sft.	58334/-
18	Stone pitching i/c Sub-Base with hammer dressed stone on surface laid in courses i/c carriage of material within three chains. (P-32 / I-23)	25712 Cft.	5377/63	% Cft.	1382696/-
19	Stone Filing dry hand pack as filling behind retaining walls or in pitching and aprons. (P-31/I-16)	416600 Cft.	2684/-	% Cft.	11181544/-
20	Epoxy Material (A+B)	100 Bottles	2700/-	Each	270000/-
21	Pacca brick work other than building including striking of joints up to 20 ft height in Cement, sand mortar. Ratio 1:4 (P-22/I-7 i c)	945 Cft.	12899/70	% Cft.	121902/-
22	Cement Plaster 1:2 upto 20' ht: (c) ¾" thick (P-52/I-9c)	33956 Sft.	3056/62	% Sft.	1037906/-
23	Supplying and fixing First Class Deodar wood planks 2' thick. (Market Rate)	320 Sft.	1650/-	P/ Sft.	528000/-
24	Supplying within 5 chains (a) Boulders 9" and above. (P-81 / I-10a)	359000 Sft.	1095/-	% Cft.	3931050/-
25	Coursed rubble masonry hammer dressed. (d) In cement sand mortar, Ratio 1:6 (P-28/I-4diii)	2893 Cft.	26288/46	% Cft.	760525/-
Total Rs.					78739711/-

Part –“B” DEWATERING BY MECHANICAL MEANS NAUSHAHRO X-REGULATOR AT RD-425.

1	Boring of Tubewell in all water bearing soils from ground level up to 100 ft or 30.50 meter depth including sinking and with drawing of casing pipe. (PHE schedule-I) (P-4 /I-1 e)	--	--	--	--
	(b) 8" dia boring.	720 Rft	535/-	Per Rft	385200/-

2	Supply MS ball plug of approved quality part-III, V-3 (P-43/I-8) (b) 6" dia boring.	--	--	--	--
		13 Nos.	2607/-	Each	33891/-
3	Supply and installing brass strainers 3/16" (5mm) thick of best and approved quality and make i/c necessary sockets etc complete. (P-44/I-11 c)	--	--	--	--
	(a) 6" dia.	360 Rft	1021/80	Per Rft	367848/-
4	Supply and installing MS Blind pipe 3/16" thick of best and approved quality and make i/c necessary sockets etc complete. (P-44/I-11b)	--	--	--	--
	(a) 6" dia.	360 Rft	762/-	Per Rft	274320/-
5	Supply foot wall heavy pattern with cone type gate 6" dia (P-44/I-4d)	--	--	--	--
	(b) 6" dia.	12 Nos.	1381/25	Each	16575/-
6	Supply CI bends with flanged ends with holes including turning and facing of of flanges for all sizes. (P-12/I-8)	28.95 Cwt	6096/-	Per Cwt	176479/20
7	Supply and fixing canos pipes.(P-44/I-4d)	--	--	--	--
	(b) 6" dia.	4800 ft	640/-	Per ft	3072000/-
8	(a) Full hire charge of the pumping set per day inclusive of wages of drives and assistant fuel or electricity energy plate forms required for placing pumps etc at lower depths with suction and delivery pipes for pumping out water found at various depths from trenches including the cost of erection and dismantling after the completion of the job (i) Hire charges of pumping set of upto 10 HP pumping out water from 20' deep trench per day (PHES 2-76/I-23 (iii))	--	--	--	--
	(b) 6" dia	720 days	2500/-	Per day	1800000/-
9	Note:- For working the pump beyond 8 hours the following pavement shall be made, the hire of pumping set itself being for 24 hours including for pumping set of above 10 HP (P-77/I-23(iv))	--	--	--	--
	(b) 6" dia + 8" dia	12955 Hours	250/-	Per hour	3238750/-
Total Rs.					9365063/20

**Part –“C” PROVIDING ELECTRIFICATION FOR BEATIFICATION OF NAUSHAHRO X-REGULATOR
AT RD-425 OF ROHRI MAIN CANAL.**

1	S/F M.S Tabular 31' height with following specification (20'x5"-5.5x4"-5.5'x3") welded with 1.5x1.5x1/4" metal plate and 2-coats red oxide as rust preventive tow coats ICI paint with met finish primer coating with excavation 3'x3'x7' lean 3'x3'6' wth ratio 1:4:8 C.C work 2'x2'x7.5' with ratio 1:2:4 plastering, curing 7 days complete as per requirement and as per instruction of Engineer Incharge.	25 Nos.	35000/-	Each	875000/-
2	Providing and laying 16mm 4-7/.064 4-core copper cable superior quality as approved by the Engineer Incharge.	1000 Rft	450/-	Per Rft	450000/-
3	S/F (2') Dia G.I Singe arch heavy duty (7") arm with clamps nuts bolts for holding the lamp etc complete as approved by the Engineer Incharge.	50 Nos.	900/-	Each	45000/-

4	Wiring for main with 2-7/.029 2.5mm copper conductor in 3/4" PVC conduct in pole as approved by the Engineer Incharge.	1000 Rft	40/-	Per Rft	40000/-
5	Providing & Installing and conducting of Road light fixture Philips make type P/RC 501/250 Watts with 250 Watt and lamp high purity anodized aluminum reflector glass fiber rain forced polyester with all suitable accessories.	50 Nos.	15235/-	Each	761750/-
6	M/P Inst: the pole mounted distribution along with locking arrangement made from MS Sheet 16 SWG the size as per control accessories the box should be powder coating water proof adjust proof with ICI Premium coating after fixing the electrical control system inside the box should be installed at the given place with nuts and bolts etc complete as per site requirement. Complete with all required accessories. (i) Busbar 100 Amp -4 Strips. (ii) Circuit Breaker 100 Amp T.P -1 No. (iii) Including lamp -3 Nos.	04 Nos.	25000/-	Each	100000/-
7	P/F Earthing system as per following specification 3'3"x12' approximately (round or square shaped) salt charcoal, dust calcium die oxide G.I Pipe 1" Dia 12 Swg. 13.05 Ft. Copper nuts and bolts 2 Nos.	04 Nos.	10000/-	Each	40000/-
8	Excavation and back filling of soil for cable trench as per following specification or site requirement. (a) Soft / Hard Soil (1.5'x3.0')	1500 Rft	15/-	Per Rft	22500/-
9	Construction of C.C foundation for high must pole with all material shuttering / folding flats faced complete as per following specification. Excavation of foundation in pits / soft / rockets with dimension 3'x3'x6.50' i/c currying and compacting of foundation in the excavated pit with ratio of 1:5:10 dimension of 2'x2'x5.50' so that ground and foundation height difference should be upto 6" inclusive of currying and compacting template 2'x2'x1/4' 6 less than length 6' thickness 1" dia 6 rings welded bolts and. Difference as required or specified rings bolts and template should be welded nuts and washers should be according to the requirement back filling of excavated material and making the surface good striking and shifting of excavated soil within 3 chains.	05 Nos.	12000/-	Each	60000/-
10	Wiring for main with 2-7/.036 (4mm) copper cable for flood lights in h.m Pole (i) PVC conduct.	1600 Rft	72/-	Per Rft	115200/-
11	P/F of Hexagonal pole as per following specification 40 with dia of pole at top 4" and bottom 12" wall thickness 8 SWG base Plate 2'x2'x4' stiffness 7.5"x1" holes 6 Nos. with nuts window in the pole required size I.N key provision and holding clamps.	05 Nos.	49000/-	Each	245000/-

2	P/F high mast pole brackets as per specification and design for suitable six lights.	05 Nos.	15000/-	Each	75000/-
3	P/F of flood light (flood master euro IP 65) complete with 400 HPTT lamp blast capacitor Igniter.	05 Nos.	18562/-	Each	92810/-
4	P/F of Junction box 16 SWG with following specification or size of MS Box 10"x8"x5" clamp nuts and bolts cover plate with locking arrangement or as per instruction of Engineer Incharge.	05 Nos.	1199/-	Each	5995/-
5	Shifting of debris from sight upto 3 miles as per instruction of Engineer Incharge.	05 Nos.	500/-	Each	2500/-
6	Painting of Pole 2 coats of ICI Oil Paint with mat finish premier coating.	05 Nos.	990/-	Each	4950/-
7	P/F G.I Pipe (2") Dia heavy duty for electric wiring purpose.	200 Rft	120/-	Per Rft	24000/-
8	Supplying Electric Motor.	01 No.	12000/-	Each	12000/-
				Total Rs.	2971705/-

Part - "D" CONSTRUCTING STONE PITCHING FROM R.D. U/S 425 IP, 425 COMMON BANK SIDE & D/S 425 LEFT SIDE COMMON BANK SIDE ALONG ROHRI MAIN CANAL.

Excavation in foundation of building bridges and other structures including dagbelling dressing rifling around structure with excavated earth watering and ramming lead up to 5 ft. (b) in ordinary soil (P-4/I-18b)	240577 Cft	3176/25	%0 Cft	764133/-
Rehandling of earth work (a) lead up to a shingle throw of kassi, phawrsh or a showel (b) Up to a lead of 50 ft (P-2/I-9b)	240577 Cft	1058/75	%0 Cft	254711/-
Stone filling dry hand packed as filling behind retaining walls or in pitching and apron.(P-31/I-16)	54000 Cft	2684/-	% Cft	1449360/-
Coursed rubble masonry hammer dressed. (d) In cement sand mortar, Ratio 1:6 (P-28/I-4iii)	11030 Cft	26288/46	% Cft	2899617/-
Formation dressing and preparing sub grade on slopes (b) on slopes (P-74/I-1 b)	186163 Sft	453/75	% Sft	844715/52
Stone pitching hand packed including sub base with hammer dressed stone on surface laid in courses including carriage of material within 3 chains (P-32/I-23)	188486 Cft	5377/63	% Cft	10136079/-
Erection and removal of centering RCC or plain cement concrete works of Deodar wood (2 nd class)	3000 Sft	7000/-	% Sft	210000/-

(i)vertical (P-18/I-19 a ii)				
Cement concrete plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4). (P-16/I-5f)	3000 Cft	14429/25	% Sft	432877/50
			Total Rs.	16991493/-
			Total of Part A+B+C+D Rs.	108067972/-
Rate of Rs. of rates	% above / below on the price of item based on composite schedule Rs.			
			Total Rs.	

CONTRACTOR

EXECUTIVE ENGINEER,
ROHRI DIVISION MORO

NAME OF WORK:- CONSTRUCTING OF STRENGTHENING BANKS / EARTH WORK ALONG BUDIKA DISTRY RD 0+0 TO 57+0 IP & 0+0 TO 30 NIP, CONSTRUCTING STONE PITCHING ALONG BUDIKA DISTRY FROM RD 23+0 TO 28+0 B/S, CONSTRUCTING RETAINING WALL ALONG BUDIKA DISTRY FROM RD 0+00 TO 0+800 B/S & CONSTRUCTING OF V.R. B. ALONG BUDIKA DISTRY @ RD 19+00

(Appendix -D to Bid)

SCHEDULE OF PRICE

Item of work	Quantity	Rate	Unit	Amount	
Part –“A” EARTH WORK ALONG BUDIKA DISTRY FROM RD 0+00 TO 57+0 IP & 0+0 TO 30 NIP.					
1	Jungle clearance and removing within 100 ft (a) light jungle (P – 95 / I – 4a)	2610000 Sft	75/63	%0 Sft	197394/-
2	Ploughing 3 times. (P – 103 / I – 41)	60 Acres	1769/63	P. Acre	106178/-
3	Borrow pit excavation undressed lead up to 100 ft. (a) ordinary soil (P-1/I-3(a))	6834256 Cft	2117/50	%0 Cft	14471537/-
4	Carriage of 100 cft/ 5 tons of all material like stone aggregate spawl coal lime surkhi etc. B.G rail fastening points and crossing bridges girders pipes sheets rails M S Bars etc. or 1000 Nos of bricks 10"x5"x3" or 1000 Nos of tiles 12"x6"x2" or 150 cft of timber or 100 maunds of fuel wood by trucks or any other means owned by the contractor (lead upto 3 miles) P-1/I-1) (Schedule of Carraige)	4100554Cft	579/41	% Cft	23759020/-
5	Earth work compaction soft ordinary or hard soil. (b) Laying earth in 6" layers leveling & dressing etc complete. (P – 3 /I- 13(b))	7803256 Cft	354/-	%0 Cft	2762353/-
6	De-silting by Hydraulic Excavator	826500 Cft	1832/-	%0 Cft	1514148/-
7	Rehandling of earth work upto lead of 50 ft. (P – 2 /I- 9 b)	413250 Cft	1058/75	%0 Cft	437528/-
8	Extra for 50 ft additional lead or part there off for earth work soft ordinary hard and very hard (1 lead) (P – 2 /I- 8 a)	2733702 Cft	100/78	%0 Cft	275503/-
Total Rs.					43523661/-
Part –“B” CONSTRUCTING STONE PITCHING ALONG BUDIKA DISTRY FROM RD 23+0 TO 28+0 B/S.					
1	Excavation in foundation of building bridges and other structures including dagbelling dressing rifling around structure with excavated earth watering ard ramming lead up to 5 ft. (b) in ordinary soil (P-4/I-18b)	360110 Cft	3176/25	%0 Cft	1143799/-
2	Stone filling dry hand packed as filling behind retaining walls or in pitching and apron. (P-31/I-16)	90000 Cft	2684/-	% Cft	2415600/-

3	Formation dressing and preparing sub grade on slopes (b) on slopes (P-74/I-1 b)	113500 Sft	453/75	% Sft	515006/-
4	Stone pitching hand packed including sub base with hammer dressed stone on surface laid in courses including carriage of material within 3 chains (P-32/I-23)	166875 Cft	5377/63	% Cft	8973920/-
5	Erection and removal of centering for RCC or plain cement concrete works of Deodar wood (2 nd class) (ii)vertical (P-18/I-19 a ii)	10000 Sft	7000/-	% Sft	700000/-
6	Cement concrete plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate without shuttering (Ratio 1:2:4). (P-16/I-5f)	10000 Cft	14429/25	% Cft	1442925/-
Total Rs.					15191250/-

Part –“C” CONSTRUCTING RETAINING WALL ALONG BUDIKA DISTRY AT RD 0+00 TO 0+800 B/S.

1	Excavation in foundation of building bridges and other structures including dagbelling dressing rifling around structure with excavated earth watering and ramming lead up to 5 ft. (b) in ordinary soil (P-4/I-18b)	33600 Cft	3176/25	% Cft	106722/-
2	Preparing and watering and ramming surface for laying concrete (for head works only). Horizontal floor (P-18/I-18a)	11200 Sft	228/09	% Sft	25546/-
3	Erection and removal of centering RCC or plain cement concrete works of Deodar wood (2 nd class) (b) For partal wood (ii)vertical (P-18/I-19a ii)	6400 Sft	7000/-	% Sft	448000/-
4	Cement concrete plain including placing compacting , finishing and curing , complete (including screening and washing of stone aggregate without shuttering) (h)Ration 1:3:6 (P-16/I-5h)	16800 Cft	12595/-	% Cft	2115960/-
5	Pacca brick work in foundation and plinth in cement sand mortar 1:5 (P-20/I-4c)	9600 Cft	12501/41	% Cft	1200135/-
6	Pacca brick work other than building including striking of joints up to 20 ft height in Cement sand mortar Ratio 1:4 (P-22/I-7c)	33600 Cft	12899/70	% Cft	4334299/-
7	Cement pointing struck joints on walls (a) ratio 1:2 (P-53/I-19a)	11200 Sft	1287/44	% Sft	144193/-
8	Cement concrete plain including placing compacting , finishing and curing , complete (including screening and washing of stone aggregate without shuttering) (h)Ration 1:2:4 (P-16/I-5f)	1600 Cft	14429/25	% Cft	230868/-
Total Rs.					8605723/-

**t -"D" CONSTRUCTING OF ROAD BRIDGE ALONG BUDIKA DISTRY AT
RD 19+00.**

Excavation in foundation of buildings bridges and other structures i/c dig belling dressing refilling around structures with excavated earth watering and ramming earth leaf up to 5'ft. (b) in ordinary soil. (P-1, item-18 b)	19500 Cft	3176/25	% Cft	61937/-
Preparing watering and ramming surface for laying concrete (for head works only). (a) Horizontal floor (P-18/ I-18a)	3596 Sft	228/09	% Sft	8202/-
Erection and removal of centering for RCC or plain cement concrete work of Deodar Wood (a) Portal wood (Horizontal). (P-18/I-19b)	844 Sft	7000/-	% Sft	59080/-
Cement concrete brick or stone ballast 1 ½" to 2" gauge. Ratio 1:4:8. (P-15/ I-4b)	3596 Cft	9416/28	% Cft	338609/-
Cement concrete plain including placing compacting , finishing and curing , complete (including screening and washing of stone aggregate without shuttering) (h)Ration 1:3:6 (P-16/I-5h)	3360 Cft	12595/-	% Cft	423192/-
Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering)(f)Ration 1:2:4 (P-16/I-5f)	1384 Cft	14429/25	% Cft	199701/-
Reinforcement cement concrete work i/c all labour and material except the cost of steel reinforcement and its labour for its bending & which will be paid separately, this rate also i/c all kinds of form moulds lifting shuttering curing rendering and finishing the exposed surface and washing of shingle) Ratio 1:2:4 a) RCC work in roof, slab, beams, column rafts, linte's and other structural members laid in situ or pre-cast laid in position completed in all respects. (P-17/I-8(b)).	6627 Cft	337/-	Per Cft	2233299/-
Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending laying in position making joints and fastening i/c cost of binding wire and includes removal of rust (b) Using tor bars. (P-17/I-8(b)).	295.848 Cwt	5001/70	Per Cwt	1479743/-
Pacca brick work in foundation and plinth in (c) cement sand mortar 1:4 (P-20/I-4c)	4950 Cft	12501/41	% Cft	618820/-
Pacca brick work other than building including stricking of joints up to 20 ft height in (c) Cement sand mortar Ratio 1:4 (P-22/I-7c)	5292 Cft	12899/70	% Cft	682652/-
Cement pointing struck joints on walls (a) Ratio 1:2 (P-53/I-19a)	1750 Sft	1287/44	% Sft	22530/-

Borrow pit excavation undressed lead upto 100 ft (a) Ordinary soil. (P-1/I-3a)	42000 Cft	2117/50	%0 Cft	88935/-
Carriage of 100 ft tons of all material like stone aggregate spawl coal lime su5rkhi etc. B.G rail fastening points and crossing bridges girders pipes sheets rails M S Bars etc. or 1000 Nos. of bricks 10"x5"x3" or 1000 Nos of tiles 12"x6"x3" or 150 cft of timber or 100 maunds of fuel wood by trucks or any other means owned by contractor (2 Mile) (P-1/I-1 Schedule of carriage).	42000 Cft	502/52	% Cft	211058/-
Earth work compaction soft ordinary or hard soil. (b) Laying earth in 6" layers leveling and dressing and watering for compaction etc complete. (P-3/I-13 b)	42000 Cft	354/-	%0 Cft	14868/-
(a) Full higher charges of the pumping seat per day inclusive of wedges of driver and assistant fuel or electric energy plate forms required for placing pumps etc. at lower depths with section and delivery pipe for pumping out water found at various depths from trenches including the cost erection and dismantling after completion of the job. (P-76/I-23 iii) (SCH" PHED).	30 Days	2500/-	P-Day	75000/-
Hire charges of pumping set of upto 10 HP Pumping out water from 20 ft deep trench. (P-77/I-23) (SCH" PHED)	360 Hours	250/-	Per Hour	90000/-
			Total Rs.	6607626/-
			Total of Part A+B+C+D Rs.	73928260/-
Rate of Rs. of rates	% above / below on the price of item based on composite schedule			Rs.
			Total Rs.	

CONTRACTOR

EXECUTIVE ENGINEER,
ROHRI DIVISION MORO

**NAME OF WORK:- CONSTRUCTION OF VILLAGE ROAD BRIDGE & (SCHEDULE A TO BID)
RETAINING WALL ALONG DAULATPUR
DISTRY AT RD 11+000.**

SCHEDULE OF PRICE

	Item of work	Quantity	Rate	Unit	Amount
1	Excavation in foundation of building bridges and other structures including dagbelling dressing rifling around structure with excavated earth watering and ramming lead up to 5 ft. (b) in ordinary soil (P-4/I-18b)	11032 Cft	3176/25	%0 Cft	35040/-
2	Earth for slush daldal including dewatering (P-4/I-16) (Labour rate)	4413 Cft	2420/-	%0 Cft	10679/-
3	Extra wet earth, (foundation quantity) 60% of item No. 3 (P-3/I-15)	6619 Cft	1058/75	%0 Cft	7008/-
4	Preparing and watering and ramming surface for laying concrete for head works only). Horizontal floor (P-18/I-18a)	3552 Sft	228/09	% Sft	8102/-
5	Erection and removal of centering RCC or plain cement concrete works of Deodar wood (2 nd class) (ii)vertical (P-18/I-19 ii)	2378 Sft	7000/-	% Sft	166460/-
6	Cement concrete plain including placing compacting, finishing and curing , complete (including screening and washing of stone aggregate without shuttering) (h)Ratio 1:3:6 (P-16/I-5h)	5328 Cft	12595/-	% Cft	671062/-
7	Pacca brick work in foundation and plinth in (i) cement sanc mortar ratio1:5. (P-20/I-4(d))	3064 Cft	12176/08	% Cft	373075/-
8	Cement concrete plain including placing compacting, finishing and curing , complete (including screening and washing of stone aggregate without shuttering) (h)Ratio 1:2:4 (P-16/I-5f)	1807 Cft	14429/25	% Cft	260737/-
9	Pacca brick work other than building including striking of joints up to 20 ft height in Cement sand mortar Ratio 1:4 (P-22/I-7c)	10491 Cft	12899/70	% Cft	1353308/-
10	Reinforcement concrete work i/c all Labour and material except the cost of steel reinforcement and its Labour for bending ,binding which will be paid separately this rates also i/c all kinds of moulds lifting shuttering curing rendering and finishing the exposed the surface (i/c screening and washing of shingle) (a) RCC work of roof ,slabs ,beams ,columns, rafts, lintels and other structural members laid in situ or precast laid in position complete in all respects .(i) Ratio 1:2:4) 90 lbs cements 2 cft sand 4 cft shingle 1/8" to 1/4" gauge (P-16/I-6i)	832 Cft	337/-	Per Cft	280384/-

Fabrication of mild steel reinforcement for cement concrete including cutting bending laying in position making joints and fastenings i/c cost of binding wire also i/c removal of rust from bars). (using tar bars) P-17/I-8b)	44.571 Cwt	5001/70	Per Cwt	222931/-
Cement pointing struck joints on wall (a) Ratio 1:2. P-53/I-19(a))	3619 Sft	1287/44	% Sft	46592/-
Cement plaster 3/4" thick upto 12 ft height ratio 1:3 (P-2/I-10c)	39 Sft	2795/30	% Sft	1090/-
Cement plaster 1/2" thick upto 12 ft height ratio 1:2 (P-2/I-9b)	39 Sft	2496/72	% Sft	974/-
Borrow pit Excavation undressed lead up to 100 ft. (a) ordinary soil (Page -1 Item-3a)	40200 Cft	2117/50	%0 Cft	85124/-
Carriage of 100 cft /5 tons o all material like stone aggregate. Sprawls, coal lime surkhi etc. B.G rail fastening rails & crossing bridge, girders pipes, sheets rail M.S Bar etc. or 1000 Nos. bricks 9"x4 1/2" "x3" or 1000 Nos. tiles 2"x6x2: or 150 cft. Of timber or 100 (maunds of fuel would by trucks; or any other means owned by the contractor (carriage of earth 3 mile). (P-1 / I- 1) (Schedule of Carriage).	40200 Cft	579/41	% Cft	232923/-
Dressing and leveling of earth work to design section to complete (b) ordinary or hard soil. P-3 / I- 11b)	40200 Cft	187/55	%0 Cft	7540/-
			Total Rs.	3763029/-
Rate of Rs. of rates	% above / below on the price of item based on composite schedule Rs.			
			Total Rs.	

CONTRACTOR

EXECUTIVE ENGINEER,
ROHRI DIVISION MORO

ITEM OF WORK:- ROAD BRIDGE OVER SERHAL MINOR-II (SCHEDULE A TO BID)
@ RD 27+000

SCHEDULE OF PRICE

Item of work	Quantity	Rate	Unit	Amount
T "A"				
Dismantling cement concrete plain 1:2:4.(P-10/ I-19c)	254 Cft	3327/50	% Cft	8452/-
Excavation in foundation of buildings bridges and other structures i/c dig belling dressing refilling around structures with excavated earth watering and ramming earth leaf up to 5'ft. (P-4, item-18 b)	3072 Cft	3176/25	%0 Cft	9757/-
Preparing watering and ramming surface for laying concrete (for head works only. (a) Horizontal floor (P-8/ I-18a)	768 Sft	228/09	% Sft	1752/-
Erection and removal of centering for RCC or plain cement concrete works of Deodar Wood (2 nd - class) (a)ii) vertical floor (P-181/I-19ii)	165 Sft	7000/-	% Sft	11550/-
Cement concrete plain including placing compacting , finishing and curing , complete (including screening and washing of stone aggregate without shuttering) (h)Ration 1:3:6 (P-16/I-5h)	1104 Cft	12595/-	% Cft	139049/-
Reinforcement cement concrete work i/c all labour and material except the cost of steel reinforcement and its labour for its bending & which will be paid separately, this rate also i/c all kinds of form moulds lifting shuttering curing rendering and finishing the exposed surface and washing of shingle) (i) RCC work in roof, slab, beams, column rafts, limits and other structural members laid in situ or pre-cast laid in position completed in all respects. (i) ratio 1:2:4. (P-17/I-6(i)).	1215 Cft	337/-	Per Cft	409455/-
Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending laying in position making joints and fastening i/c cost of binding wire and includes removal of rust (b) Using tor bars. (P-7/I-8(a)).	65.089 Cwt	4820/20	Per Cwt	313742/-
Pacca brick work in foundation and plinth in (i) cement sand mortar 1:5 (P-20/I-4d)	1008 Cft	12176/08	% Cft	122735/-
Pacca brick work other than building including striking of joints up to 20 ft height in cement sand mortar Ratio 1:5 (P-22/I-7d)	1033 Cft	12574/38	% Cft	129893/-
Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering) (f)Ration 1:2:4 (P-16/I-5f)	223 Cft	14429/25	% Cft	32177/-

11	Cement pointing struck joints on wall (a) ratio 1:2 (P-53/I-19a)	394 Sft	1287/44	% Sft	5073/-
12	Borrow pit Excavation undressed lead up to 100 ft. (a) ordinary soil (Page -1 Item-3a)	74025 Cft	2117/50	% 0 Cft	156748/-
13	Carriage of 100 cft /5 tons o all material like stone aggregate. Sprawls coal lime surkhi etc. B.G rail fastening rails & crossing bridge, girders pipes, sheets rail M.S Bar etc. or 1000 Nos. bricks 9"x4 1/2" "x3" or 1000 Nos. tiles 12:x6x2: or 150 cft. Of timber or 100 (maunds of fuel would by trucks or any other means owned by the contractor (2 mile). (P-1 / I-1 (Schedule of Carriage)).	74025 Cft	502/52	% Cft	371990/-
14	Earth work compaction (soft ordinary or hard soil) (b) Laying earth in 6" layers leveling and dressing and watering for compaction etc complete. (Page No. 3 Item No. 13 (a))	74025 Cft	263/-	% 0 Cft	19469/-
Total Rs.					1731842/-

PART "B"

CONSTRUCTION OF APPROACH ROAD OF VILLAGE ROAD BRIDGE @ RD 27 OF SERHAL MINOR-II.

1	Borrow pit Excavation undressed lead up to 100 ft. (a) ordinary soil (Page -1 Item-3a)	34000 Cft	2117/50	% 0 Cft	71995/-
2	Carriage of 100 cft /5 tons o all material like stone aggregate. Sprawls, coal lime surkhi etc. B.G rail fastening rails & crossing bridge, girders pipes, sheets rail M.S Bar etc. or 1000 Nos. bricks 9"x4 1/2" "x3" or 1000 Nos. tiles 12:x6x2: or 150 cft. Of timber or 100 (maunds of fuel would by trucks or any other means owned by the contractor (carriage of earth 2 mile). (P-1 Schedule of Carriage).	34000 Cft	502/52	% Cft	170857/-
3	Earth work compaction (soft ordinary or hard soil) (b) Laying earth in 6" layers leveling and dressing and watering for compaction etc complete. (Page No. 3 Item No. 13 (b))	34000 Cft	354/-	% 0 Cft	12036/-
4	Earth work compaction by sheep foot roller and power roller with optimum moisture content.	--	--	--	--
(a)	For 95-100 % modified AASHO density (Page No.2 item No. 7 a) (Sch: of Highway)	2400 Cft	3975/35	% 0 Cft	9541/-
(b)	For 85 % modified AASHO density (Page No.2 item No. 7 c) (Sch: of Highway)	31600 Cft	1445/58	% 0 Cft	45680/-
5	Preparing Sub Base Course by supplying and spreading stone metal of 1" 1/2" gauge of approved quality from approved quarry in required thickness to proper camber and grade i.e hand packing filling voides with 10 Cft screening and non plastic quarry fines of approved quality gauge from approved source, watering and compacting to achieve 98-100% density as per modified AASHO specification (Rate including) all cost of material T&P and carriage up to 3 chains (Composite rate sheet attached). (Page No. 3 Item No. 11 c) (SCH H. Way)	1200 Cft	4359/76	% Cft	52317/-

6	Laying bricks on end edging including supplying 9" x 4- 1/2" x 3", 1 st Class bricks, excavation for having edging with small size parallel to the road. (Rate including lead up to 3 chain) (Composite rate sheet attached) . Page No. 4 Item No. 12) (SCH H. way)	400 Rft	2482/94	% Rft	9932/-
7	Preparing Base Course i/c supplying and spreading of stone metal of approved quality properly graded to maximum size of 1-1/2" in required thickness of proper camber and grade including supplying and spreading 15 Cft screening and non plastic quarry fines, filling depressions with stone metal after initial Rolling i/c watering and compaction the same so to achieve 100 % density as per modified AASHO specifications (Rate also include providing & using temples camber plates screens forms as directed rate includes all cost of material T&P and carriage up to 3 chains. (Composite Rate Sheet attached) Page No. 54 Item No. 13) (SCH H. way)	1200 Cft	5252/41	% Cft	63029/-
8	Providing first coat on new or existing surface with 30 lbs bitumen and 4 Cft of Bajri of required size including cleaning the Road surface rolling etc complete. (Rate including all costs of material T&P and carriage up to 3 chains) (b) using Crush Bajri (Composite Rate Sheet attached) . Page No. 6 Item No. 16 b) (SCH Hway)	2400 Sft	1520/45	% Sft	36491/-
9	Providing 1" thick (Consolidated) premixed carpet in proper camber and graded including supplying 10 Cft Bajri, 4 Cft hill sand of approved quality and grades of bitumen of 80/100% penetration i/c mixing in mechanical mixer in required proportion i/c heating material cleaning the Road surface (Hill Sand and 2 Cft for mixing dusting) Rate i/c all cost of material T&P and carriage up to within 3 chains (b) using crush bajri. (Composite Rate Sheet Attached) Page No. 8 Item No. 21 b) (SCH Hway)	2400 Sft	4107/84	% Sft	98588/-
Total Rs.					570466/-
Total of Part A+B Rs.					2302308/-
Rate of Rs. of rates	% above / below on the price of item based on composite schedule				Rs.
	Total Rs.				

CONTRACTOR

EXECUTIVE ENGINEER,
ROHRI DIVISION MORO