Office of



Executive Engineer B&R Division HP.PWD. Joginder Nagar

Himachal Pradesh Public Works Department, Mandi-175015 Phone & Fax No. 01908-222033 E-Mail:- ee-jog-hp@nic.in

"NOTICE INVITING TENDER"

Sealed item rate tender for the following works are hereby invited by the Executive Engineer, B&R Division HP.PWD., Joginder Nagar District Mandi (H.P) from the eligible contractors of the appropriate class registered in HP.PWD. as per revised enlistment rules so as to reach in the office of under signed on 02/08/2022 up to 11:30 A.M. and will be opened on the same day at (12:00 noon) in the presence of intending contractors. The tender application will be received in this office against cash payment on 30/07/2022 up to 10.00 A.M. to 12:30 P.M. and tender form can be had from this office on 01/08/2022 from 2.00 P.M. to 5.00 Pm. The earnest money as shown against each in the shape of F.D.R of any bank in Himachal Pradesh duly pledged in the name of the under signed must accompany with each tender. The tender form will be issued to contractor giving proof of enlistment, GST, work done certificate, proof of machinery etc. Conditional tender and tender received without earnest money will be out rightly rejected. The offer of the tender shall be kept open for 90 days. The Executive Engineer reserves the right to reject any or all the tenders without assigning any reasons.

The draft NIT and other specifications and conditions of the tender can be seen by the contractors in the office of the under signed on any working day during the office hours.

	Name of work	Amount put to tender/ Estimated cost	Earnest Money	Cost of tender form	Eligible Class of Contractor	Time
1	Construction and M/T on Jhamehar Banoun road Km. 0/0 to 3/100. (Sub Head:-Construction of breast wall to protect private land and maintain formation width at Km. 2/830 to 2/837).	₹ 93,740/-	₹ 1,900/-	₹ 350/-	Class "D"	Three
2	A/R & M/O Machhyal Bhararu Bihun road Km. 0/0 to 12/0. (Sub Head:- Construction of breast wall at Km. 2/375 to 2/395).	₹ 4,90,251/-	₹ 9,800/-	₹ 350/-	Class "D"	Three
3	Construction & M/T on Langha School to Nichla Mandhota. (Sub Head:- Removal of formation deficiency by construction of retaining wall at Km. 1/490 to 1/500).	₹ 3,35,206/-	₹ 6,700/-	₹ 350/-	Class "D"	Three months
4	Construction of Drubbal Banwar road Km. 0/0 to 8/600. (Sub Head:- Construction of cement concrete causeway along with edge wall at Km. 4/525).	₹ 1,09,483/-	₹ 2,200/-	₹ 350/-	Class "D"	Three months
5	M/T on Gaduhi Chardu Nallah up to village Langha road Km. 0/0 to 3/500 (Sub Head:- Construction of retaining wall at Km. 0/175 to 0/183).	₹ 2,37,855/-	₹4,800/-	₹ 350/-	Class "D"	Three months
6	Construction of various road under Joginder Nagar sub dvision (Harabag Section). (Sub Head:- Construction of breast wall on Shanan Harabag road at Km. 1/250 to 1/260).	₹ 1,77,333/-	₹3,500/-	₹ 350/-	Class "D"	Three months
7	Construction of road from Mata Chatarbhuja Sampark Marg Uperli Ladwan Mohal. (Sub Head:- Construction of retaining wall at Km. 0/750 to 0/760).	₹1,11,331/-	₹ 2,200/-	₹ 350/-	Class "D"	Three months
8	A/R & M/O Dhelu Yora Tikroo road Km. 0/0 to 4/0. (Sub Head:- Construction of breast wall at Km. 0/952 to 0/962).	₹1,31,878/-	₹ 2,600/-	₹ 350/-	Class "D"	Three
9	Restoration of rain damages on Galu Bhatwar road Km. 0/0 to 8/510. (Sub Head:- Construction of wire crate breast wall/ protection wall at Km. 5/995 to 6/050).	₹ 2,82,820/-	₹ 5,700/-	₹ 350/-	Class "D"	Three months
10	Construction of Shamshanghat Blhi to Nichla Andralu Km. 0/0 to 2/700. (Sub Head:- Providing and laying WBM Grade-I ant Km. 0/150 to 0/520).	₹ 2,95,157/-	₹ 5,900/-	₹ 350/-	Class "D"	Three months
1	Construction of Pucca link road from Bhed Padhar to village Basehad Km. 0/0 to 0/750. (Sub Head: Providing and laying cement concrete pavement at Km. 0/300 to 0/430).	₹ 2,89,108/-	₹ 5,800/-	₹ 350/-	Class "D"	Three months
2	Construction of Additional accommodation for G.H.S. building at Drahal. (Sub Head:-Left out work for construction of building portion porch, Stair roofing and brick work).	₹ 4,36,532/-	₹ 8,700/-	₹ 350/-	Class "D"	Three months
3	Construction of road Bharola to Daned G.P. Kuthera. (Sub Head: Construction of Breast wall at Km. 0/430 to 0/437).	₹ 94,596/-	₹1,900/-	₹ 350/-	Class "D"	Two months

14	Providing way side facility on Dul Banar Galu road Km. 0/0 to 5/0 (Sub Head: Construction of rain shelter at Km. 2/500 near village Banar).	₹ 2,16,598/-	₹ 4,300/-	₹ 350/-	Class "D"	Three months
15	Construction of link road from Drubbal to Harizan Basti Basoti Ropru Km. 0/0 to 1/500. (Sub Head: Construction of RCC hume pipe culvert at Km. 0/815).	₹ 2,54,835/-	₹ 5,100/-	₹ 350/-	Class "D"	Three
16	Improvement and widening of Joginder Nagar Sarkaghat Ghumarwin road Km. 21/500 to 34/300. (Sub Head:- Construction of wire crate breast wall at Km. 25/542.50 to 25/552.50).	₹ 1,11,957/-	₹ 2,200/-	₹ 350/-	Class "D"	Three months
17	Construction of link road to village Kadhar Km. 0/0 to 0/250. (Sub Head: Providing and laying Kharanja stone soling and cement concrete pavement at Km. 0/0 to 0/100).	₹ 3,49,202/-	₹ 7,000/-	₹ 350/-	Class "D"	Three months
18	Restoration of rain damages on Machhyal Bhararu Bihun road Km. 0/0 to 12/0. (Sub Head:- Construction of breast wall at Km. 8/840 to 8/875).	₹ 4,65,839/-	₹ 9,300/-	₹ 350/-	Class "D"	Three months
19	M/T on Gumma Dhanehar road Km. 0/0 to 2/0. (Sub Head:- Providing and laying Kharanja stone soling at Km. 0/360 to 0/460).	₹ 96,079/-	₹ 1,900/-	₹ 350/-	Class "D"	Two months
20	Construction of Ghatasani to Bhour Dhar road Km. 0/0 to 5/0. (Sub Head: Construction of RCC hume pipe culvert 900 mm dia at Km. 3/200).	₹ 2,48,419/-	₹ 5,000/-	₹ 350/-	Class "D"	Three months
21	M/T on Gumma to Janwan road Km. 0/0 to 2/0. (Sub Head:- Providing and laying Kharanja stone soling at Km. 0/500 to 0/600).	₹ 96,079/-	₹ 1,900/-	₹ 350/-	Class "D"	Two months
22	M/T on Joginder Nagar Arthi road Garoru Bridge to Majharnoo Km. 0/0 to 1/500. (Sub Head:- Providing and laying WBM grade-I at Km. 0/0 to 0/250).	₹ 2,16,192/-	₹4,300/-	₹ 350/-	Class "D"	Three
23	A/R & M/O Pertu Nallah to Gaduhi road Km. 0/0 to 1/500. (Sub Head:- Removal of formation deficiency by providing retaining wall at Km. 1/305 to 1/315 for protection of existing house).	₹ 1,86,625/-	₹ 3,700/-	₹ 350/-	Class "D"	Three months
24	Construction of link road Upper Bella to Lower Bella Km. 0/0 to 0/500. (Sub Head:-Construction of 900mm dia hume pipe culvert at Km. 0/390).	₹ 2,83,085/-	₹ 5,700/-	₹ 350/-	Class "D"	Three months
25	Improvement of Joginder Nagar Sarkaghat Ghumarwin road Km. 0/0 to 34/300. (Sub Head:- Construction of U-shape drain in Km. 6/500 to 6/700).	₹ 3,07,814/-	₹6,200/-	₹ 350/-	Class "D"	Three months
26	M/T on Ghatasni to Thorat Galu road Km. 0/0 to 5/0. (Sub Head:- Construction of 900 mm dia hume pipe culvert at Km. 1/015)	₹ 4,16,892/-	₹ 8,300/-	₹ 350/-	Class "D"	Three months
27	Construction of road from NH-154 Chhanag to village Mandwana Km. 0/0 to 1/0. (Sub Head:- Providing and laying Kharanja stone soling and cement concrete pavement at Km. 0/360 to 0/460).	₹ 1,74,634/-	₹ 3,500/-	₹ 350/-	Class "D"	Three months
28	Construction of road from NH-154 Chhanag to village Chhanag Km. 0/0 to 1/0. (Sub Head:- Providing and laying Kharanja stone soling at Km. 0/360 to 0/460).	₹ 96,079/-	₹ 1,900/-	₹ 350/-	Class "D"	Two months
29	Balance work of I.C.T. lab of Govt. Sen. Sec. Schol Nauhali Tehsil Joginder Nagar District Mandi (H.P). (Sub Head:- Providing and fixing M.S. Grill, steel work, railing, PVC rain water pipes & painting work etc.).	₹ 2,64,434/-	₹ 5,300/-	₹ 350/-	Class "D"	Three months
30	Construction of link road from Ropari to Chandani. (Sub Head:- Providing and laying Kharanja stone soling and cement concrete pavement at Km. 0/0 to 0/120).	₹ 3,97,660/-	₹ 8,000/-	₹ 350/-	Class "D"	Three months
31	Restoration of rain damages on Balh Tikroo road Km. 0/0 to 4/300. (Sub Head:-Protection of Existing 6.00 mtr. Span RCC slab culvert abutment at Km. 0/127).	₹ 1,66,349/-	₹ 3,300/-	₹ 350/-	Class "D"	Three months
32	Construction of link road Nag Joru Kufri Dhar Upper Samohli Km. 0/0 to 0/700. (Sub Head:- Construction of retaining wall at Km. 0/490 to 0/500 & Km. 0/615 to 0/630).	₹ 4,95,779/-	₹ 9,900/-	₹ 350/-	Class "D"	Three months
33	Construction of various NABARD works under Joginder Nagar Division HP.PWD Joginder Nagar. (Sub Head:- Purchase of computer with UPS and printer in C Branch in division office against office contingency of NABARD works).	₹ 71,500/-	₹ 1,400/-	₹ 350/-	Class "D"	One month

	join with Syuri Majharnu road & construction of bridge over Neri Khad. (Sub Head:- Construction of wire crate retaining wall at Km. 1/015 to 1/059)		₹ 350/-	Class "D"	Three months
1. <u>Ce</u>	rtified that tender of above works ar	e being called o	f emergent natu	ure in exigen	cy of public
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-	and conditions:-				
1. 2. 3. 4.	The contractor should produce a copy of e Executive Engineer reserves the right to re The contractor/Firm shall have his registral. The earnest money shall be deposited du Joginder Nagar & cost of tender form for purchase of the tender forms. The applic	eject/cancel any or al tion and GST No, the uly pledged in favour the above works s	the tenders without copy of same be of Executive Englishould be submitted	ut assigning any attached with the ineer B&R Divied with the app	e application. sion HPPWD., lication for the
5.	summarily be rejected. No tender form will be issued to the contri	actor without produc	ing the work done	portificate from	the Evention
	Engineer concerned	actor without produc	ing the work done	certificate from	the Executive
3.	The Contractor/Firms must have executed	minimum one civil	/similar nature of	work done of ar	mount not less
	than 40% (forty percent) of the estimated of	cost (without Liquidat	ed Damage or con	npensation) in la	ast five years.
	The contractor/firms are requested to inse XEN reserves the right to accept/reject any	ert the rate of each	tem in words as v	vall as in figure	s failing which
3.	The tender shall be issued to those contract	ctors who have not m	aning any reason a nore than two work	s in hand.	
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			A Exec	utive Engineer Division HP P	, WD
			Jogin	nder Nagar.	m/
		Distri	ct Mandi (HP) on	behalf of Gove	rnor
In PW	-JND-B&R-EA-I/NIT/Press/2022-23- 10 9	of Hir	nachal Pradesh P	h. 01908-22203	33
NO. FVV	-514D-Bar-EA-1/11/Fless/2022-25- 16 9	14-20		Dated:- / d	9-7-202
1.	Copy to the F.C. Cum Principal Secretar information please.	ry (PW) to the Gov	t. of Himachal Pra	adesh Shimla-2	for favour of
2.	The Engineer-in-Chief, HPPWD, Shimla.				
3.	The Chief Engineer (MZ), HPPWD, Mandi.				
4.	The Superintending Engineer, Joginder Na All the Assistant Engineer working under th	gar Circle HPPWD,	loginder Nagar.		
6.	Drawing Branch in this office.	ils Division.			
7.	Notice Board.			Λ	
8.	The Computer Cell office of the Engineer-in website.	n-Chief, HPPWD, Sh	imla for uploading	the NIT on the	Departmental
			/ Exec	utive Engineer	
			and the same of th	Division HP PV	

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including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transporation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	Evoquation is call in Lill.	cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in		Forth world in successful Co.	Description of work	the of work: Construction & M/I on Jhamehar Banoun Road I: Construction of Breast Wall to protect private land and maintain formation width a	SCHEDULE OF QUANTITY
6.48				4.97	Qty.	No. or	t km 2/830 to 2/837	Y
Per cubic metre			metre	Per cubic		Unit	/837)	-
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of Engineer-in-Charge in incidentals and to the entire	the full width of the struct	4 Providing weep holes in	direction of Engineer-in-Chincidentals.	drawings and MORD tec	the time of laying under wa	pumping or bailing out wat	cost of form work in Ret	stone aggregate 40 mm (for	3 Providing and laying ceme	10.	
of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per drawing and M.O.R. D technical specification clauses 614, 709 & 1206 6 and as per the directions	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment,	direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per	the time of laying under water complete for all heights/depths including cost of form work as per	pumping or bailing out water, dewatering removal of slush as required at site which may arisen at	cost of form work in Retaining walls Breast walls, in or under water complete including,	stone aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the	3 Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken		
other	tions the	ment, 5.00	other	r the	ıs per	en at	ding,	g the	roken 16.48	Qty.	
		0 Each						metre	8 Per cubic		1000000
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Name of Work: Annual Repair and Maintenance of Machhyal Bhararu Bihun Road km 0/00 to 12/00 (SH: Construction of Breast Wall at km 2/375 to 2/395) of rock (where blasting is prohibited) and their intermediate classification of soil, setting out Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical property during the course of execution shall be the absolute responsibility of the contractor which machineries, materials, tools equipments and safety measures. Any loss to the public / private approved dumping sites through all modes of transporation including head load or animals specification section 1000 & 300 and sorting out useful materials and stacking the same in all true to the required line, grades, width cutting and trimming of side slopes and level as shown on Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as structure is in an area with stagnant water or water is met with in the excavation due to spring disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe width, camber super elevation and level as shown on the drawings or as directed by the Engineercutting/excavation including rock excavation shall be carried out true to lines grades, side slopes be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall work of rock cutting by blasting shall be carried out by taking all necessary precautions against dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All removal of stumps and other deleterious materials and disposal in all lead and lift including specification section 300 & 1600 including setting out, construction of shoring and bracing shall have to be duly compensated by him at his own cost transport or mechanical means along with its leveling fine dressing and hauling /carriage of ways, camber, embankments for grade improvements and disposal of all surplus material at leads and lifts in acquired width of the road and transportation of useful material for filling in road the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out which shall have to be duly compensated by him at his own cost. private property during the course of excavation shall be the whole responsibility of the contractor road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the Description of work No. or Oty. 25.20 15.20 Per cubic Per cubic metre Unit Figures Earnest Money: Estimate Cost: Time Limit: Words AMOUNT Three Mont Rs. 4,90,251. 9,800.

			-			143			
Total	drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	4 Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per	drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per	stone aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls, in or under water complete including,	3 Providing and laying cement doncrete 1:5:10(one cement: five sand:ten graded crushed / broken	0.	Description of work	7
		54.00				87.00	Qty.	No. or	
		Each			metre	Per cubic		Unit	*
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							Words	Rate	
							Rs. P	AMOUNT	

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A SHIPE	Name of Work: Construction & M/I on Langha School to Nichla Mandhata					
SH: R	(SH: Removal of formation deficencies by Construction of Retaining wall at km 1/490 to 1/500)	0			Estimate Cost: Earnest Money:	3,35,20
No.	Description of work	No. or	Unit		Time Limit :	Three Mor
1 Exca	Excavation in soil in hilly area in all heights and depths and in all kind of soil built area in all heights and depths and in all kind of soil built area.	Qty.		Figures	Words	Rs.
satu blasi grad Engi sortii	saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and	10.45	Per cubic metre			
trans dispole load mach the c	C (10) LO C					
2 Earth section	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other	18.68	Per cubic			
delet in tre takin, stabil prohi grade Engir dispo specil area it shal emban be the	deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is grades, side slopes, width, camber super elevation including rock excavation shall be carried out true to lines Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.		metre			

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-	000881		Mark Street	14
Total	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.	aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls, in or under water complete including, pumping or bailing out water for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	Description of work
	18.00	8.78	59.00	No. or
	Each	Per cubic metre	Per cubic metre	Unit
			A POLOS	Rate
			KS, P	AMOUNT

					Total	Г
			Per cubic metre	4.00	3 Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement: two sand: four graded/crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentials.	ψ.
			Per cubic metre	12.03	2 Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentials.	2
			Per cubic metre	4.90	2 Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	2
AMOUNT Rs. P	Rate Words	Figures	Unit	No. or Qty.	Description of work	No.
1,09,483. 2,200. Three Mont	Estimate Cost: Earnest Money: Time Limit:				Name of Work :Construction of Drubbal Banwar Road km 0/00 to 8/600 (SH: Construction of Cement Concrete Cause way along with Edge wall at km 4/525)	(SI

1-	THE STATE OF COUNTY					
Na	Name of Work :M/T on Guduhi Chardu Nallah upto Village Langha oad km 0/00 to 3/500			Estim	Estimate Cost:	2,37,855.
(3)	(SH: Construction of Retaining Wall at Km 0/175 to 0/183)			Earnes	Earnest Money:	4,800.
Sr.	Description of work	No. or	Unit	Rate		AMOUNT
NO.		Oty.		Figures W	Words R	Rs. P
-	section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling	20.88	Per cubic metre			
4-1	taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is					
	prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to					
	area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.					
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water, dewatering removal of slush as required at site which may arisen at the time of laying under water complete.	40.90	Per cubic metre			
	for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.					
w	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads life.	10.72	Per cubic			
	material and other incidentials.		metre			

					Total	Γ
			Each	10.00	4 Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	4
Rs. P	Words	Figures		Qty.	No.	No.
AMOUNT	Rate	R	Unit	No. or	Description of work	-

	Communication of Dicast wall on Shahan Harabag Koad at Km 1/250 to 1/260)			-	Earnest Money: Time Limit:	Three Mon
No.	Description of work	No. or	Unit		Rate	AMOUNT
	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all moons including	Oty.		Figures	Words	Rs. P
blasting grades, v Engineer sorting o transport disposal load or a machiner the cours	saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transportation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly	19.20	Per cubic metre			
2 Earth w section deleteria in trenci taking a stability prohibit grades, Enginee disposal specifies area wii it shall b embanka	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	10.25	Per cubic metre			



					Total	Г
			Each	15.00	4 Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	4
			31.50 Per cubic metre	31.50	aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls, in or under water complete including, pumping or bailing out water , dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	
Rs. P	Words	Figures		Qty.		No.
AMOUNT	Rate	R	Unit	No. or	Description of work	1

	7 2 5		0.7	(SH
	specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.	aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	Name of Work : Concerting road from Mata Chatarbhuja Sampark Marg Uprali Ladwan Mohal (SH: Construction of Retaining Wall at Km 0/750 to 0/760)
-	4.50	18.90	No. or Oty. 6.12	ıal
	Per cubic metre	Per cubic metre	Unit Per cubic metre	
			Figures	
			Time Limit: Rate Words	Estimate Cost:
			Three Mon AMOUNT Rs. P	1,11,331

		15	7 7
-	000000	10.	J.
Total	return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.		Description of work
	9.00	Qty.	No. or
	Each		Unit
		Figures	7
		Figures Words	Rate
		Rs. P	LNDOMA

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10	Va
los	1
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	SCHEDULE OF QUANTITY	X				
Nan	Name of Work : A/R & M/O on Dhelu Yora Tikroo Road km 0/00 to 4/00				Estimate Cost:	1,31,878.
(SH	(SH: Construction of Breast wall at km 0/952 to 0/962)			H	Earnest Money:	2,600.
			31000		Time Limit:	Three Mont
Sr.	Description of work	No. or	Unit	H	Rate	AMOUNT
No.		Qty.		Figures	Words	Rs. P
1	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means including	11.00	Per cubic			
	saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line.		metre			
	grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the					
	Engineer-in- Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and					
	sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and					
	disposal of all surplus material at approved dumping sites through all modes of transporation including head					
	load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of					
	the course of execution shall be the absolute responsibility of the contractor which shall have to be duly					
	compensated by him at his own cost.					
2	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification	7.70	Per cubic			
	deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling		metre		1	
	in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion damage to hill side water pollution etc. and to protect					
	stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is				TOTAL TOTAL	
	prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines					
	Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe		ì			
	disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to					
	specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an					
	it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or					
	embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall					
	or me more responsioning to me community miner sinut mere to be end, compensated by min at mis term cost.	ĺ				

					Total	7
			Each	16.00	4 Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	4
			23.60 Per cubic metre	23.60	3 Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	3
Rs. P	Words	Figures		Qty.	60.	No.
AMOUNT	Rate	T.	Unit	No. or	Description of work	

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	r		١	А
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(SH: Construction of Wire Carte Breast/Protection wall at km 5/995 to 6/050) Sr. Description of work	ad km 0/ 5 to 6/03	'00 to 8/510 50)	700 to 8/510 50) No. or		No. or
Description of work			No. or		Unit
1 Providing and laying of boulder apron laid in wire crates with 4mm (four millimetra) diameter	(four millimates) di				
G.I. wire conforming to IS: 280 and IS: 4826 in 100mm x 100mm (one hundred millimetre into one hundred millimetre) mesh (woven diagonally) including 10% (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 Kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 complete within all leads, lifts, carriage of material and other incidentials.	one hundred millime percent) extra for ly five kilogram) each all leads, lifts, carr	tre in aps an as p		tre into metre aps and n as per iage of	

	1	No.	Nan (Sut	
water bound macadam enecification including some aggregates by manual means of specific sizes to	Providing, laving spreading and compacting stone agreement.		Name of Work: Construction of Link road Shamshan Ghat Blhi to Nichla Andralu km 0/00 to 2/700 (Sub Head:- Providing and laying WBM Grade-I at km 0/150 to 0/520) Sr. Description of work	
		No. or	/700	
104.90 Per cubic		Unit		
	Figures			
	Words	Rate	Estimate Cost: Earnest Money: Time Limit:	
	Rs. P	AMOUN	2,95,1 5,9 Three M	

Per cubic metre

charges.

specification clause 405 complete within all leads, lifts, carriage of material and other incidentials

Total

aggregate watering and compacting to the required density Grading-1 (one) as per technical camber applying and brooming, stone screening/ binding materials to fillup the interstics of course with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and water bound macadam specification including spreading in uniform thickness, hand packing, rolling

Joginder Nagar Executive Engineer B& R Division HP.PWD,

Γ		-	No.	Sr. (Su
Total	and construction joints, over a prepared sub base, with 43 (forty three) grade cement as per technical clause and specifications M-20 (twenty) grade course and fine aggregate conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm (twenty five milimetre) mixed in a concrete mixer of not less than 0.2 cum (zero point two cubic metre) capacity including form work with steel channels and plates and entire carriage of material with in all leads and lifts complete as per the direction of Engineer-in-charge.	Construction of un reinforced consert	WIOM to nondirect	(Sub Head:- Providing and Laying Cement Concrete Pavement at km 0/300 to 0/430) Sr.
	41.63	Qty.	No. or	0 0/750
	Per Cubic metre		Unit	
		Figures		
		Words	Rate	Estimate Cost: Earnest Money: Time Limit:
		Rs.	AMOUR	2,89, 5,4 Three M

10

Z	Name of work : Construction of Additional Accompdation for C H & P.: 11:					
3		Brick Work)	gar Distt.	E _	Estimate Cost: Earnest Money:	4,36,
Sr.	Description of work	No or	Ilmit		Time Timit:	Inree N
No.		Oty.	Unit	Figures	Words	AMOU
	pick jumper work, blasting work, soft or hard rocks including chiseling/wedging out of rocks where blasting work is prohibited or any other mixed variety of intermediate soil, dewatering and removal of shish if arrisen	4.55	Per cubic metre			
	meters clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths sides of foundation stacked soil in 15 cm (fifteen centimeters)					
	transportation and other incidental, as per the direction and entire satisfaction of Engineer-In-Charge. Any loss to the private and public property during course of construction shall be absolute responsibility of the contractor.					
12	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve aggregate) graded crushed/broken stone aggregate 40mm (forty milimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	2.44	Per cubic metre			
w	Providing and laying mechanically mixed and vibrated reinforced cement concrete work grade M-20 design mix to obtain the minimum compressive strength of M-20 N/mm2 with cement contents not less than of 330kg/m3 (three hundred thirty kilogramme per cubic metre) excluding cost of form work and reinforcement for reinforced concrete work in foundation footing, basis of columns and the like mass concrete upto floor all level and curing complete including carriage of material within all leads. Lifts and other incidental charges complete	0.70	Per cubic metre			
4	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to course) with hand to					
1	random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stone of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (one cement : six sand : twelve graded stone aggregate 20mm (twenty) millimeter nominal size mechanical mixed in cement mortor 1:6 (one cement six sand) including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	5.63	Per cubic metre			
S	Boulder filling of selected hard dry stone hand packed tightly under floor as per the direction of Engineer-In- Charge including carriage of materials within all leads and life complete in all respect	4.80	Per cubic			
	and this complete in all respect.		metre			

6		Oty.	Ome	Figures	Words
	with hot ag of 20 of 20 of 5 (five) omm (six ed as per the in all	69.16	Per square metre		Par Taranta
7	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyster organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyster of 5 (five) microns over 5 (five) microns primer coating icluding fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diametre with prepainted GI limpet and bitumen washers complete with all accessoriees as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	2.25	Per running metre		
= 7 % = 7	beams joists channels angles tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like work including cutting hoisting fixing in position & applying a priming coat of red lead paint complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1165.52	Per Kilogramme		
2 I S	Second class brick work using common burnt clay building bricks in cement mortar 1:6 (one cement isto six sand) in Superstructure as per PWD specification including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge. The rate is including octroi, royality, GST, toll tax, Sale Tax or other taxes imposed by the government.	6.50	Per cubic metre		
10 P	position incer-in-	400.00	Per Kilogram		
a C d P	Providing and fixing on wall face PVC (D-plast) rain water pipes of working pressure not less than 4.5 kg (four decimal five kilogram) per square meter including filling the joints with approved adhesive complete 150 mm (one hundred fifty milimeter) dia. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	11.85	Per running metre		

ſ		-	-			,	-	2	
Total	and the second s	lifts	or near complete in all respect including curing complete and carriage of materials within all leads and	ferminal size) land in other layer infished with a Hoating coat	crushed stone aggregate 20mm (twenty millimeter) nominal size) loid in	(core) million cement concrete mooring 1:2:4 (one cement : two sand : four graded/critished)	2 40mm (forty millimeter) thick control of	o. Description of work	
					10.01	12 21	Oty.	No. or	
				metre	rei square	Power		Unit	
						T	Figures Words	Rate	
						*****	Re	AMOU	

1						
Z	Name of Work: Construction of road Bharola to Daned G.P. Kuthera				Estimate Cost:	94,596
T	(SH: Construction of Breast Wall at Km 0/430 to 0/437)			E.	Earnest Money:	1,900
Sr.	Description of work	No. or	Unit	R	Rate	AMOUNT
No.		Qty.		Figures	Words	Rs. P
	Excavation in soil in hilly area in all heights and depths and in all kind of soil by all means	7.35	Per cubic			
-	of rock (where blasting is prohibited) and their intermediate classification of soil, setting out		metre			
	true to the required line, grades, width cutting and trimming of side slopes and level as shown on					
	the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical					
	specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road					
	ways, camber, embankments for grade improvements and disposal of all surplus material at					
	approved dumping sites through all modes of transporation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of					
	machineries, materials, tools equipments and safety measures. Any loss to the public / private					
	property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost					
2		5.39	Per cubic			
	specification section 300 & 1600 including setting out, construction of shoring and bracing,		metre			
	dressing of sides and bottom and back filling in trenches with excavated. Suitable materials All					
	work of rock cutting by blasting shall be carried out by taking all necessary precautions against				7	
-	soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock furbers blesting in architectal. All the discount is a second to be excavated with chiseling and wedging out rock furbers blesting in architectal.					
	cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes,					
	width, camber super elevation and level as shown on the drawings or as directed by the Engineer-					
-	disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the					
	road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the					
-	structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, beiling out or manager to see the seepage.		ŀ			
	directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or					
	private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own con-					
Г	min at the OWL COSt.					



					Total	Г	
			Each	6.00	4 Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	4	
			Per cubic metre	16.52	3 Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	w	
Rs. 1	Words	Figures		Qty.		No.	1
NOOMA	Rate	R	Unit	No. or	Description of work	1	

1	TITINGS TO THE STATE OF STATE	1			(
7 7	Name of Work: Providing Way Side Facility on Dul Banar Galu Road km 0/000 to 5/000			Estimate Cost:	2,16
. (5	(S			Earnest Money:	4
N ST.	Description of work	No. or	Unit	Rate	AMOU
-	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as side work.	Oty.		Figures Words	Rs.
	work is prohibited or any other mixed variety of intermediate soil, dewatering and removal of slush if arrisen	02.7	metre		
	meters clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth within all leads, lifts by any mode of				
2	Providing form work with steel plates of 3.15mm (three decimal one five milimeter) thick, welded with angle iron in frames of 30x30x5mm (thirty into thirty into five milimeter) so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/denths of	3.60	Per square metre		
	and plain concrete work in foundation,. Footings bases of columns and mass concrete. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.				
ယ	Providing and laying cement concrete 1:6:12 (One cement isto six sand isto twelve aggregate) graded crushed/broken stone aggregate 40mm (forty milimeter) nominal size mechanically mixed and curing complete, excluding cost of form work in foundation and plinth. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	1.22	Per cubic metre		
4	Providing and laying mechanically mixed and vibrated reinforced cement concrete work grade M 20 deciments				
	to obtain the minimum compressive strength of M-20 N/mm2 with cement contents not less than of 330kg/m3 (three hundred thirty kilogramme per cubic metre) excluding cost of form work and reinforcement for reinforced concrete work in foundation footing, basis of columns and the like mass concrete upto floor all level and curring complete including contributions.	0.41	metre		
	in all respect as per direction of Engineer-in-Charge.				

			Per square metre	4.38	Providing and fixing MS BP sheet 1.66mm to 2mm (one point six six millimetre to two millimetre) thick in eaves board/facia/soffits/celling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials within all leads, lifts and other incidental charges.	10
			Per running metre	10.20	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.63mm (zero point six three millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyster organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyster of 5 (five) microns over 5 (five) microns primer coating icluding fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diametre with prepainted GI limpet and bitumen washers complete with all accessoriees as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	9
			Per square metre	14.16	Providing and fixing 0.60mm (zero point six zero millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 (twenty) microns over 5 (five) microns primer coating to back coat of polyster 5 (five) microns over 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diametre with prepainted limpet and rubber washers complete with all accesoriees as required as per the direction of Engineer-In-Charge including carriage of material within all leads and lifts complete in all respect.	8
			Per cubic metre	0.56	Boulder filling of selected hard dry stone hand packed tightly under floor as per the direction of Engineer-In-Charge including carriage of materials within all leads and lifts complete in all respect.	7 1
			Per cubic metre	2.21	Second class brick work using common burnt clay building bricks in cement mortar 1:6 (one cement isto six sand) in foundation and plinth as per PWD specification including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge. The rate is including octroi, royality, GST, toll tax, Sale Tax or other taxes imposed by the government.	6
			Per cubic metre	5.54	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stone of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (one cement : six sand : twelve graded stone aggregate 20mm (twenty) millimeter nominal size mechanical mixed in cement mortor 1:6 (one cement six sand) including curring and carriage of material within all leads and lifts complete in all respect as per direction of Engineer in Charge.	5 t c F
Rs.	Kate Words	Figures	Unit	Oty.	Description of work	4
	rada	a	Timit	No ou	Description of work	

C riume ripe Cuivert at km 0/815)	Lillik Road from Drubbal to Harizan Basti Basoti Roparu km 0/00 to 1/500	
Earnest Money:	Estimate Cost:	
5.100	2,54,435	(35)

ω		No.	o oz
Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:5:10 (one cement: five sand: ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentials.	and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentials.	Earth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	ne of Work: Construction of Link b Head:- Construction of RCC Hun
19.87	9.73	No. or Qty. 44.18)/00 to 1/
Per cubic metre	Per cubic metre	Unit Per cubic metre	500
		Figures Words Rs. P	Estimate Cost: 2,54,43: Earnest Money: 5,10: Time Limit: Three Mon

					Total	
			Each	8.00	Providing weep hole in brick masonry/ stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100mm dia.(one hundred millimetre diametre) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical isto twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614,709,1204.3.7 including carriage of material and other incidentials.	
			Per cubic metre	6.72	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.	7
			Per running metre	7.50	Providing and laying 900mm (nine hundred millimetre) diametre reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement: two sand) but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108 complete within all leads, lifts carriage of material and other incidentials.	6
			Per cubic metre	0.49	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification. Rubble stone laid in cement mortar 1:5 (one cement : five sand) complete within all leads, lifts carriage of material and other incidentials.	v,
			Per cubic metre	3.35	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentials.	4
AMOUNT Rs. P	Rate Words	Figures	Unit	No. or Qty.	Description of work	1

		metre	0.90	materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	
				measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	
				as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transporation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries materials tools continued to the description.	
		metre	1.00	saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required line, grades, width cutting and trimming of side slopes and level as shown on the	
Rs. P	Figures Words	+	Oty.	1 Excavation in soil in hilly area in all heights and deaths and in all kind of soil by all moons in last.	F
AMOUNT	Rate	Unit	No. or	Description of work	7 71
1,11,957. 2,200. Three Mont	Estimate Cost: Earnest Money: Time Limit:	to 34/300	km 21/500	L: Construction of Wire Crate Bre	
				Name of Work Improvement and widening of loginder Name School City	7

	1014	6			w	
Total	with all leads, hits, carriage of material and other incidentials.	not less than 25 Kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 complete	mesh (woven diagonally) including 10% (ten percent) extra for laps and joints laid with stones boulders weighting	conforming to IS: 280 and IS: 4826 in 100mm x 100mm (one hundred millimetre into one hundred millimetre)	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) diametre C1 wire	Prographion of Mork
				31.26	QIV.	No. or
			metre	31.26 Per Cubic		Unit
					Figures	R
					Words	Rate
					Rs. P	AMOUNT

G

1150 1201 0311	4			-	No.	(Sul
direction of Engineer-in-charge.	Construction of un-reinforced cement concrete pavement as per design and drawing with expension and construction joints, over a prepared sub base, with 43 (forty three) grade cement as per technical clause and specifications M-20 (twenty) grade course and fine aggregate conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm (twenty five milimetre) mixed in a concrete mixer of not less than 0.2 cum (zero point two cubic metre) capacity including form work with steel channels and plates and entire carriage of material with in all leads and lifts complete as per the	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred milimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and reroling the sub grade complete as per HPPWD Specifications complete within all leads, lifts, carriage of material and other incidentials charges.	Preparation of sub grade by dressing to camber (Earth work for cutting involved for sub grade to paid for separately depending upon the classification of soil completed as per HPPWD specifications complete within all leads, lifts, carriage of material and other incidentials charges.	Description of work	Name of Work- Construction of Link road to Village Kadhar km 0/00 to 0/250 (Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/00 to 0/100)
	36.75	44.10	295.00	295.00	No. or Qty.	n 0/00 to
	Per Cubic metre	Per Cubic metre	Per square metre	Per square metre	Unit	0/100)
					Figures	
					Rate	Estimate Cost: Earnest Money: Time Limit:
					AMOU Rs.	3,49,2 7,0 Three M

or.	S Z
Description of work	Name of Work: Restoration of Rain Damages on Machhyal Bhararu Bihun Road km 0/00 to 12/0 (SH: Construction of Breast Wall at km 8/840 to 8/875)
No. or	/00
Unit	
Rate	Estimate Cost: Earnest Money: Time Limit:
AMOUNT	4,65,839. 9,300. Three Mont

		No.
specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Engineer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out the true to the required line, grades, width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification section 1000 & 300 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material at approved dumping sites through all modes of transporation including head load or animals transport or mechanical means along with its leveling fine dressing and hauling /carriage of machineries, materials, tools equipments and safety measures. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him at his own cost.	Excavation in soil in hilly area in all heights and denths and in all kind of soil he all moons
		Qty.
metre	metre	Cint
		Figures
		Words
		Rs. P

		1	_		Zo.
	Total	wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	stone aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	Providing and Javing coment consent 1.5.10/	Description of work
		41.00	82.38	Qty.	No. or
		Each	Per cubic metre		Unit
				Figures Words	Rate
				Rs. P	AMOUNT

1						
Nai	Name of Work: M/T on Gumma Dhanehar Road km 0/00 to 2/00				Estimate Cost:	96,07
ng)	(Sub Head:- Providing and laying Kharanja Stone Soling at km 0/360 to 0/460)			E	Earnest Money:	1,90
Sr.	Description of work	No. or	Unit	R	Rate	AMOUN
No.		Qty.		Figures	Words	Rs. P
- 1	Preparation of sub grade by dressing to camber (Earth work for cutting involved for sub grade to	294.00	Per square			
	paid for separately depending upon the classification of soil completed as per HPPWD specifications complete within all leads, lifts, carriage of material and other incidentials charges.		metre			
2	Consolidation of such mode with and william in the little with and a such as					
	quarry soil etc. and reroling the sub grade complete as per HPPWD Specifications complete within	00.17	metre			
	an reads, this, can tage of material and other incluentials charges.					
Ů.	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of	44.10	Per cubic metre			
	binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred milimeter) spread thickness (finished work including materials and labour) and to the entire					
	satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete	*				
	in all respect.					
	Total					

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-		1
-1	-3	3]
- 1	6	1

w	1424		7		7
			No.	Sub	
Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:5:10 (one cement: five sand: ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentials.	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentials.	Farth work in excavation for structures in all depths as per drawing and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated. Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	Description of work	Name of Work: M/I on Ghatasani Bhour Dhar Road km 0/00 to 5/00 (Sub Head:- Construction of RCC Hume Pipe Culvert 900mm dia at km 3/200)	THE PARTY OF THE P
19.87	9.73	42.26	No. or		1
Per cubic metre	Per cubic metre	Per cubic metre	Unit		
		Figures	Rate	Es Ear	
		Words	8	Estimate Cost: Earnest Money: Time Limit:	
		is.	AMOUNT	2,48,419 5,000 Three Mor	(

	000		6	Ch.		4	No.
Total	Providing weep hole in brick masonry/ stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100mm dia.(one hundred millimetre diametre) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical isto twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614,709,1204.3.7 including carriage of material and other incidentials.	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.	Providing and laying 900mm (nine hundred millimetre) diametre reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement: two sand) but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108 complete within all leads, lifts carriage of material and other incidentials.	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification. Rubble stone laid in cement mortar 1:5 (one cement: five sand) complete within all leads, lifts carriage of material and other incidentials.	mix 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentials.	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal	Prescribiton of Agric
	8.00	6.72	7.50	0.49			Otv.
	Each	Per cubic metre	Per running metre	Per cubic metre		Per cubic metre	Oilli
							Figures
							Rate Words
						I lov	AMOUN'

	Ų	N		- 1	No.	(Sul	2
binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred milimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete in all respect.	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with	Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub grade complete as per HPPWD Specifications complete within all leads, lifts, carriage of material and other incidentials charges.	paid for separately depending upon the classification of soil completed as per HPPWD specifications complete within all leads, lifts, carriage of material and other incidentials charges.	Preparation of sub grade by drassing to sambor (Foul)	Description of work	(Sub Head:- Providing and laying Kharanja Stone Soling at km 0/500 to 0/600)	ON THE PARTY OF TH
	44.10	294.00	294.00	Oty.	No. or		
metre	Per cubic	Per square metre	Per square metre		Unit		
				Figures			
				Words	Rate	Estimate Cost: Earnest Money: Time Limit:	
				Rs. P	AMOUN	96,0 1,9 Two M	-

Executive Engineer

B & R Division HP.PWD, Joginder Nagar

Total

0
1841
151
1 . 1

					Total	
			78.75 Per cubic metre	78.75	water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN (eighty-hundred kilo newton) static roller in stages to proper grade and camber applying and brooming, stone screening/ binding materials to fillup the interstics of course aggregate watering and compacting to the required density Grading-1 (one) as per technical specification clause 405 complete within all leads, lifts, carriage of material and other incidentials charges.	
Rs. P	Words	Figures		Qty.	Providing laving enreading and compacting stars	-
AMOUN	Rate		Unit	No. or	Description of Work	No.
2,16,1 4,3 Three M	Estimate Cost: Earnest Money: Time Limit:			/500	b Head:- Providing and laying WBN	Sr. Su
60				Y	SCHEDULE OF QUANTITY	Z

2		No.	HOZ Z
Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the cost of form work in Retaining walls Breast walls , in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals.	specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	Description of work	Name of Work : A/R & M/O Petu Nallah to Guduhi Road km 0/00 to 1/500 (SH: Removal of Formation deficency by providing Retaining wall at km 1/305 to 1/315 for protection of existing House)
31.54	15.25	No. or Oty.	Y tection of
Per cubic metre	Per cubic metre	Unit	fexisting
		Jig!	
		igures Rate	Ea
		Words	Estimate Cost: Earnest Money: Time Limit:
		Rs. P	1,86,625 3,700 Three Mon

			15	
	4	E: 0 0 E 3	No.	7.
Total	4 Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.	wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.		Description of work
	9.45	16.00	Qty.	No. or
	9.45 Per cubic metre	Each		Unit
			Figures	
			Words	Rate
			Rs. P	AMOUNT

5	The same of the sa				1
0 1	(Sub Head:- Construction of 900mm dia Hume Pipe Culvert at km 0/390)			Estimate Cost: Earnest Money:	2,83,085 5,700
7.6	Sr. Description of work	Non	11.54	Time Limit :	Three Mor
17		Oty.	Unit	Figures Words	AMOUNT
	specification section 300 & 1600 including and M.O.R.D.technical	38.62	Per cubic		T. Sext
	removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated. Suitable materials All		metre		
-	work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall				
	cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes,				
	in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the				
- 100	the structure is in an area with stagnant water or water is met with in the excavation due to				
	pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of				
	2 Providing concrete for plain/minformal				
	and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentials.	12.05	Per cubic metre		
Te:	ions complete as per ent concrete nominal millimetre) nominal	26.32 I	Per cubic metre		
	size) complete within all leads, lifts carriage of material and other incidentials.				



_				Two control of
L	0	C)		
Total	Providing and laying 900mm (nine hundred millimetre) diametre reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement: two sand) but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108 complete within all leads, lifts carriage of material and other incidentials.	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.	wall, return wall with 100mm dia.(one hundred millimetre diametre) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical isto twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614,709,1204.3.7 including carriage of material and other incidentials.	Description of work
	7.50	9.30	10.00	No. or Oty.
	Per running metre	Per cubic metre	Each	Unit
				Figures
				Rate Words
				AMOUN Rs. P

Name of Work: Improvement of Joginder Nagar Sarkaghat Ghurmawin Road km 0/00 to 34/300 (S.H.: Construction of U-Shape Drain from km 6/500 to 6/700)	Estimate Cost: Earnest Money:	3,07,814.0
Sr. Description of work No. or Unit	Time Limit :	Three Mont

Γ			ley .
-	2		
Total	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentials.	specification section 300 & 1600 including setting out, construction of shoring and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring scepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	Description of Work
-	45.00	48.00	No. or Oty.
	Per cubic metre	Per cubic metre	Unit
			Figures
			Rate
		AND A	AMOUNT Rs. P

Γ				17.		
ŀ	S. B & B				Nama (Sub	
	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802,803,1202 & 1203. Plain cement concrete nominal mix 1:5:10 (one cement: five sand: ten graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentials.	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentials.	specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	Description of Work	0/00 to	OCHEDOLE OF COMMITTEE
	48.21	9.73	65.32	No. or Oty.		7
	Per cubic metre	Per cubic metre	Per cubic metre	Unit		
				Figures		
				Rate	Estimate Cost: Earnest Money: Time Limit:	
				AMOUNT Rs. P	4,16,892 8,300 Three Mon	

			Total	
	Each	12.00	Providing weep hole in brick masonry/ stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100mm dia.(one hundred millimetre diametre) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical isto twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614,709,1204.3.7 including carriage of material and other incidentials.	000
	Per cubic metre	16.80	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.	7
	Per running metre	7.50 P	Providing and laying 900mm (nine hundred millimetre) diametre reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement: two sand) but excluding excavation, protection work, back filling, concrete and masonry work in head walls and parapets clause 1108 complete within all leads, lifts carriage of material and other incidentials.	6
	Per cubic metre	0.49	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification. Rubble stone laid in cement mortar 1:5 (one cement : five sand) complete within all leads, lifts carriage of material and other incidentials.	S
	metre		mix 1:4:8 (one cement : four sand : eight graded stone aggregate 40mm (forty millimetre) nominal size) complete within all leads, lifts carriage of material and other incidentials.	
	0	3.35	drawing and technical specification clauses 807 803 1202 & 1203 Plain compet complete as per	4
Figures	1	Qty.		NO.
	Unit	No. or	Description of work	

				Total	
		Per Cubic metre	18.38	and construction joints, over a prepared sub base, with 43 (forty three) grade cement as per technical clause and specifications M-20 (twenty) grade course and fine aggregate conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm (twenty five milimetre) mixed in a concrete mixer of not less than 0.2 cum (zero point two cubic metre) capacity including form work with steel channels and plates and entire carriage of material with in all leads and lifts complete as per the direction of Engineer-in-charge.	
		Per Cubic metre	22.05	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred millimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete	4
		Per square metre	147.00		12
Sprove	ris di co	Per square metre	147.00		_
Rate	Firmero	Unit	No. or	b. Description of Work	No.
Estimate Cost: Earnest Money: Time Limit :		0/460)	00 m 0/360 to	ne of Work- Construction of Road fr b Head:- Providing and Laying Kha	Sr (Su
			-	THE STATE OF	7.8

B&R Division HP.PWD,
Joginder Nagar

Z	ma of Would Constitution of Delice Constitution of Constitutio	100				
8	(Sub Head:- Providing and Laying Kharanja Stone Soling at km 0/360 to 0/460)			Estim Earnes	Estimate Cost: Earnest Money:	96,0 1,9
Sr.				Tim	Time Limit:	Two M
No.	- Seripuon of Work	No. or	Unit	Rate		AMOUN
_	Preparation of sub grade by dressing to camber (Farth work for carting in 1.1.6	Qty.		Figures W	Words	Rs. I
	paid for separately depending upon the classification of soil completed as per HPPWD specifications complete within all leads, lifts, carriage of material and other incidentials charges.	294.00	Per square metre			
2	Consolidation of sub grade with road roller including making good the undulation etc.	201.00				
	quarry soil etc. and reroling the sub grade complete as per HPPWD Specifications complete within all leads, lifts, carriage of material and other incidentials charges.	294.00	294.00 Per square metre			
(J)	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of	44.10	Per Cubic			
The Last	hundred milimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete in all respect.					
Γ	Total					

=	1	The state of the s				(
-	(H.I	(H.P.) (SH: Providing and Fixing MS Grill, Steel work, Railing, PVC Rain Water Pipes & Painting Work etc.)	gar Distt ng Work	. Mandi etc.)	Estimate Cost: Earnest Money:	2,64
	No.	Description of work	No. or	Unit	Rate Rate	AMOUN
	7	Providing and fixing grills of required pattern in steel frames of windows etc. with M.S. flats with round beaded bolts and nuts or by screw.plain grill as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	765.16	Per kilo gram	Figures Words	Rs.
	2	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position in beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like work including cutting hoisting fixing in position & applying a priming coat of red lead paint complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	872.97	Per Kilogramme		
	ω	Providing and fixing MS Tube hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	130.13	Per Kilogram		
	4	Providing and & fixing Galvanised M.S. Wire gauze with 0.63 mm (zero point six three milimeter) dia wire and 1.4 mm (One point four milimeter) aperture on both sides fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm (fifteen by three milimeter) and nuts & bolts complete including entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	30.03	Per Square meter		
	5	Providing and fixing on wall face PVC (D-plast) rain water pipes of working pressure not less than 4.5 kg (four decimal five kilogram) per square meter including filling the joints with approved adhesive complete 110 mm (one hundred ten milimeter) dia. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	16.00	Per running metre		
	6	Providing and fixing on wall face PVC (D-plast) accessories for rain water pipes including filling the joints with approved adhesive complete 110mm (one hundred ten milimeter) dia PVC Coupler as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	4.00	Each		

	ox	2	No.
Total	specifications Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm (zero point nine liter per ten square meter) over an under coat of primer applied @ 0.80 ltr/ 10 sqm (zero point liter per ten square meter) over an under coat of primer applied @ entire carriage of materials within all leads and lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	Providing and fixing 100mm (One Hundred millimeter) nominal size/diameter sand cast iron/cast iron holder bat clamps including steel bolts to sand cast iron pipe embedded in and including cement concrete block 100x100x100 mm (One hundred into one hundred into one hundred) of cement concrete 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (Twenty millimetre) size) including cost of making holes in wall and making good the wall as per PWD specification. The rates are inclusive cost and carriage of materials with in all leads, lifts and other incidentals, as per the direction and entire satisfaction of Engineer-In-Charge.	Description of work
	75.58	12.00	No. or
	Per Square meter	Each	Unit
		Figures	late
		KS.	Α

Γ		,	7	0 27
H		O E. 4 % F. 9 D &	No.	Name (Sub
Total	and construction of un-reinforced cement concrete pavement as per design and drawing with expension and construction joints, over a prepared sub base, with 43 (forty three) grade cement as per technical clause and specifications M-20 (twenty) grade course and fine aggregate conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm (twenty five milimetre) mixed in a concrete mixer of not less than 0.2 cum (zero point two cubic metre) capacity including form work with steel channels and plates and entire carriage of material with in all leads and lifts complete as per the direction of Engineer-in-charge.	Stone soling properly handpacked filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm (one hundred milimeter) spread thickness (finished work including materials and labour) and to the entire satisfaction and direction of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation in all leads, lifts and other incidental complete in all respect.		Name of Work- Construction of Link road from Ropari to Chandani (Sub Head:- Providing and Laying Kharanja Stone Soling and Cement Concrete Pavement at km 0/00 to 0/120)
	43.31	51.98	No. or Otv.	0/00 to 0
	Per Cubic metre	Per Cubic metre	Unit	/120)
The second			Kionres	
		TO LOS	Rate	Estimate Cost: Earnest Money: Time Limit:
		N5.	AMOUN	3,97,6 8,0 Three M

Name of Work: Restoration of rain Damages on Balh Tikroo road km 0/00 to 4/300 (Sub Head:- Protection of existing 6.00 mtr. Span RCC Slab Culvert abutment at Km 0/127) Earnest Money: 3,300 Time Limit: Three Mon	THE	Data	Ilmit	No or	Description of work
(7) E	Three Mon	Time Limit:			
toration of rain Damages on Balh Tikroo road km 0/00 to 4/300 Estimate Cost: 1,66,349	3,300	Earnest Money:			Sub Head 1 Folection of existing 6.00 mtr. Span RCC Slab Culvert abutment at Km 0/127)
forestion of noise Dealt Till 11 0/00 1500	1,66,349	Estimate Cost:			The Head. Protection of critical Country of the Protection of Critical Country of Critical
	-				ome of Work : Postoration of min Downson B. H. Til

1		12	2	1 (· ·	4
Sub	Sr.	NO.				W.
(Sub Head:- Protection of existing 6.00 mtr. Span RCC Slab Culvert abutment at Km 0/127)	Description of work		specification section 300 & 1600 including setting out, construction of shoring and M.O.R.D.technical specification section 300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated. Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in-Charge. If the foundation of the structure is in an area with stagnant water or water is met with in the excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as directed and the area of the foundation or embankment shall be kept dry. Any loss to the public or private property during the course of excavation shall be the whole responsibility of the contractor which shall have to be duly compensated by him at his own cost.	and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete Grade M-10 complete within all leads, lifts carriage of material and other incidentials.	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per
	No. or	Qty.	22.80	9.45	33.39	4.56
	Unit		Per cubic metre	Per cubic metre	Per cubic metre	Per cuhic
Earnest Money: Time Limit :	Rate	Figures Words				
: 3,300:	AMOUNT	Rs. P				

Γ	0	1	
Total	clauses 702,704,1202 & 1204 Coursed rubble masonry first sort in cement mortar 1:5 (one cement : five sand) including curing complete within all leads, lifts carriage of material and other incidentials.		Description of work
	8,40	Qty.	No. or
	Per cubic metre		Unit
		Figures	R
		Words	Rate
		Rs. P	AMOUNT

1	White the state of				
(CT	Name of work: Construction of link road Nag Joru Kulri Dhar Upper Samohli km 0/00 to 0/700.	0.		Estimate Cost:	4,95,779.
- 3	(211. Construction of Metalliting Mail at Will 0/450 to 0/200 & 0/012 to 0/020)			Earnest Money: Time Limit :	9,900. Three Mont
Sr.	Description of work	No. or	Unit	Rate	AMOUNT
-	Touch moult is assessed in the contract of the	Qty.		Figures Words	Rs. P
-	specification section 300 & 1600 including setting out, construction of shoring and hracing	27.40	Per cubic		
	removal of stumps and other deleterious materials and disposal in all lead and lift including dressing of sides and bottom and back filling in trenches with excavated Suitable materials. All				
	work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock shall				
	be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to lines grades, side slones				
	width, camber super elevation and level as shown on the drawings or as directed by the Engineer-				
	disposal of unsuitable cut materials in specified manner, filling of unevenness and finishing the				
	structure is in an area with stagnant water or water is met with in the excavation due to spring				
	seepage, rain and other causes it shall be removed by suitable diversion, bailing out or pumping as				
	private property during the course of excavation shall be the whole responsibility of the contractor				
	which shall have to be duly compensated by him at his own cost.				
2	Providing and laying cement concrete 1:5:10(one cement: five sand:ten graded crushed / broken stone aggregate 40 mm (forty milimeters) nominal size) plums and curing complete including the	84.05	Per cubic		
	cost of form work in Retaining walls Breast walls, in or under water complete including, pumping or bailing out water ,dewatering removal of slush as required at site which may arisen at				
	the time of laying under water complete for all heights/depths including cost of form work as per drawings and MORD technical specifications section 800, 900,1200 & 1600 and as per the				
[

					Total	
			Each	40.00	4 Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia P.V.C. pipe extending through the full width of the structures with slope of I (v): 20(H) towards drainage face complete as per drawing and M.O.R.D.technical specification clauses 614, 709 & 1206.6 and as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and to the entire satisfaction of the Engineer-in-Charge.	4
			20.70 Per cubic metre	20.70	3 Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.	, ω
Rs. P	Words	Figures		Qty.		No.
TNIIOMA	Rate	R	Unit	No. or	Description of work	Sr.
						1

	TITITUD NO CONTRACTOR	1.1				
Nar		ion HP.PWD Joginder	oginder		Estimate Cost:	71,500.0
NA	Nagar (SH: Purchase of Computer with UPS and Printer in C Branch in Division office again NABARD Work)	against contingency of	ency of		Earnest Money:	Dane 1,400.0
2:					Time Limit :	Zirce Month
V.	Description of work	No. or	Unit	H	Rate	AMOUNT
		Qty.		Figures	Words	Rs. P
-	Supplying of HP Computer Desktop system i3 processer, 4 GB RAM I TB Hard Disk 18.5" LED Display etc. including GST, toll tax. Sale Tax or other taxes imposed by the	1.00	Each			
201	government.					
2	Supplying of Microtek UPS 600VA Single Bat. including GST, toll tax, Sale Tax or	1.00	Each			
	other taxes imposed by the government.					
U.	Supplying of Pantum laserjet printer P 2500W Printer including GST, toll tax, Sale Tax or other taxes imposed by the government.	1.00	Each			
	Total					

				244	-	
Nai	Name of work:- Construction of Joginder Nagar Arthi road to join with Syuri Majharnoo raod & C/O bridge over	1 & C/O	bridge over	1	Estimate Cost:	4,91,450.0
Nei	Neri Khad. (SH: Construction of Wire Carte Retaining wall at km 1/615 to 1/059)			=	Earnest Money:	9,800.0
					Time Limit:	Three Month
Sr.	Sr. Description of work	No. or	Unit	R	Rate	AMOUNT
No.		Qty.		Figures	Words	Rs. P
-	300 & 1600 including setting out, construction of shoring and bracing, removal of stumps and other deleterious	36.30	Per cubic			
	excavated Suitable materials. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution etc. and to protect stability of hill side rock				Y	
	cutting/excavation including rock excavation shall be carried out true to lines grades, side slopes, width, camber					
	super elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, hauling and stacking of materials useful for construction at suitable sites and safe disposal of unsuitable cut materials in specified					
	manner, filling of unevenness and finishing the road to specified dimension or as directed by the Enginer-in- Charge. If the foundation of the structure is in an area with stagmant water or water is met with in the					
	excavation due to spring seepage, rain and other causes it shall be removed by suitable diversion, bailing out or					
	private property during the course of excavation shall be the whole responsibility of the contractor which shall					
	have to be duly compensated by him at his own cost.					
2	Providing and laying of boulder apron laid in wire crates with 4mm (four millimetre) diametre G.I. wire conforming to IS: 280 and IS: 4826 in 100mm x 100mm (one hundred millimetre into one hundred millimetre)	137.50	Per Cubic			
	mesh (woven diagonally) including 10% (ten percent) extra for laps and joints laid with stones boulders weighting not less than 25 Kg. (twenty five kilogram) each as per drawing and technical specifications clause 1301 complete		Шене			
	within all leads, lifts, carriage of material and other incidentials.					
w	Back filling behind abutment wing wall and return wall complete as per Drawing and technical specifications	26.40	Per cubic			
	clause 1204.3.8 Granular material complete within all leads, lifts carriage of material and other incidentials.		metre			
	Total					